

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Apr 27	398.0	0.0		398.0	0.00	398.0	0.0	0.0		398.0	0.0	
9	Howell to Chilly	Apr 28	402.0	36.0		40.0	0.00	438.0	0.0	36.0		438.0	-36.0	
8	Chilly to Reservoir	* Apr 29	380.5	0.0		-21.5	0.05	416.5	0.0	0.0		416.5	-36.0	
	Disconnected													
7	Mackay Reservoir	* Apr 29	340.0	0.0		380.5	0.00	518.0	518.0			0.0		
6	Reservoir to 2B	Apr 29	340.0	0.0		0.0	0.00	518.0	0.0	0.0		0.0	340.0	
5	2B to Leslie	Apr 30	271.0	44.0		-25.0	0.07	518.0	0.0	44.0		0.0	271.0	
4	Leslie to Eastside In	May 1	395.5	13.0		137.5	0.00	518.0	0.0	13.0		0.0	395.5	
2a	Eastside In To Weirs	* May 1	266.2	0.0	0.0	-129.3	0.33	518.0	0.0	0.0		0.0	266.2	0.0
2b	Weirs To Eastside Out	* May 1	136.8	0.0	0.0	-129.4	0.49	518.0	0.0	0.0		0.0	136.8	0.0
2c	Eastside Out To Blw Muns	* May 1	136.8	0.0	0.0	0.0	0.00	518.0	0.0	0.0	0.0	0.0	136.8	0.0
1	Blw Munsey to Arco	May 1	39.6	0.0		-97.2	0.71	518.0	0.0	0.0		0.0	136.8	
3	River blw Moore Div	May 1	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	518.0	93.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	Apr 27	0.0		20090101	5%	1	18800630	3.2	556.5	0.0	
9	Howell to Chilly	Apr 28	0.0		20090101	5%	2	18810630	1.7	294.0	0.0	
8	Chilly to Reservoir	Apr 29	-21.5		20090101	5%	3	18880601	3.2	556.5	0.0	
	Disconnected						4	18960601	6.4	1113.0	0.0	
7	Mackay Reservoir	Apr 29	0.0		20090101	5%	5	19020301	0.8	140.0	0.0	
6	Reservoir to 2B	Apr 29	0.0	0.0	20090101	5%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	Apr 30	0.0	-25.0	20090101	5%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 1	0.0	0.0	20090101	5%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 1	0.0	-129.3	0.0	20090101	5%	9	Add Vol	Unlimited	200000.0	25876.5
2b	Weirs To Eastside Out	May 1	0.0	-129.4	0.0	20090101	5%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 1	0.0	0.0	20090101	5%		TOTAL		296511.0	69727.5	
1	Blw Munsey to Arco	May 1	0.0	-136.8	0.0	20090101	5%					
3	River blw Moore Div	May 1	0.0	0.0	20090101	5%						
	TOTAL		-21.5	-420.5		0.0						

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
16480.0	16550.0		70.0	35.3	5.2	0.0	57.0	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	1027.5
Total Storage Loss	-834.1
Total Storage Deliver	-113.1
Total Evaporation	-10.4
Accounting Balance	<u>16550.0</u>
Current Res Content	16550.0
Storage Balance Error	0.0

DAILY STORAGE BALANCE

16480.0 Reservoir Content Previous Day [ac-ft]
16550.0 Reservoir Content Current Day [ac-ft]
70.0 Physical Change in Storage [ac-ft]

1027.5 Storage Allocated to Mackay Reservoir [ac-ft]
-834.1 Stored Flow Losses [ac-ft]
-25.0 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-395.5 Eastside [cfs]
0.0 River blw Moore [cfs]
-113.1 Storage Delivered [ac-ft]
0.0 Reservoir to 2B [cfs]
44.0 2B to Leslie [cfs]
13.0 Leslie to Moore [cfs]
0.0 Eastside to blw Munsey [cfs]
-10.4 Evaporation [ac-ft]
69.9 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

518.0 Natural Flow into Mackay Reservoir [cfs]

518.0 Reservoir Rights Diverted [cfs]
0.0 Natural Flow Losses below Reservoir [cfs]
0.0 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
0.0 Eastside as River [cfs]
0.0 Natural Flow Delivered [cfs]
0.0 Reservoir to 2B [cfs]
0.0 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
0.0 Eastside to blw Munsey [cfs]
518.0 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	395.5			0.0	0.0	133.1	133.1	-129.3	32.7%	266.2
Natural Flow	0.0			0.0	0.0			0.0		0.0
Stored Flow	395.5			0.0	0.0			-129.3		266.2
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	133.1	133.1		0.0	0.0	136.8	-129.4	48.6%	-258.7
Natural Flow				0.0	0.0	0.0	0.0		0.0
Stored Flow				0.0	0.0	136.8	-129.4		-258.7
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow	Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey
Gage #	13132350		13132390
Actual Flow	136.8	0.0	136.8
Natural Flow	0.0	0.0	0.0
Stored Flow	136.8	0.0	136.8
Exchange Flow	0.0	0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	0.0	395.5	0.0	266.2	136.8
Natural Flow	0.0	0.0	0.0	0.0	0.0
Stored Flow	0.0	395.5	0.0	266.2	136.8
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	0.0	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	0.0	0.0	0.0
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	0.0	0.0	0.0	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	0.0	0.0	0.0
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	0.0	0.0	0.0	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	0.0	0.0	0.0
9 Thalman Hunter D	0.0	0.0	0.0	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	36.0	36.0	71.4
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	0.0	0.0	0.0	5 HARRIS-VAUGHT	8.0	8.0	15.9
9 NEILSEN	0.0	0.0	0.0	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	0.0	0.0	0.0	5 SUTTER	0.0	0.0	0.0
9 CHILLY	36.0	36.0	71.4	8 Broken River Dit	0.0	0.0	0.0	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	0.0	0.0	0.0
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	0.0	0.0	0.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.0	0.0	0.0	8 Johnson/Navarro	0.0	0.0	0.0	4 3IN1	0.0	0.0	0.0
8 Zollinger 1	0.0	0.0	0.0	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	13.0	13.0	25.8
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	0.0	0.0	0.0	2 EASTSIDE FHDiv	0.0	0.0	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	0.0	0.0	0.0	8 Stoecklein 1	0.0	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	0.0	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	0.0	136.8	271.3
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	0.0	0.0	0.0	2 MUNSEY	0.0	136.8	271.3
8 Donahue 2	0.0	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	0.0	0.0	0.0	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	0.0	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	0.0	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	0.0	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
20090101	56	1660	MACKAY DAM	13126000	7	Apr 29, 2017	10000.00	10000.00	518.01	5.2%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Apr 28	384.0	0.0		384.0	0.00	384.0	0.0	0.0		384.0	0.0	
9	Howell to Chilly	Apr 29	393.0	36.0		45.0	0.00	429.0	0.0	36.0		429.0	-36.0	
8	Chilly to Reservoir	* Apr 30	391.4	0.0		-1.6	0.00	427.4	0.0	0.0		427.4	-36.0	
	Disconnected													
7	Mackay Reservoir	* Apr 30	342.0	0.0		391.4	0.00	526.8	526.8			0.0		
6	Reservoir to 2B	Apr 30	342.0	0.0		0.0	0.00	526.8	0.0	0.0		0.0	342.0	
5	2B to Leslie	May 1	283.0	0.0		-59.0	0.17	526.8	0.0	0.0		0.0	283.0	
4	Leslie to Eastside In	May 2	403.4	15.0		135.4	0.00	526.8	0.0	15.0		0.0	403.4	
2a	Eastside In To Weirs	* May 2	273.2	0.0	0.0	-130.2	0.32	526.8	0.0	0.0		0.0	273.2	0.0
2b	Weirs To Eastside Out	* May 2	143.0	0.0	0.0	-130.2	0.48	526.8	0.0	0.0		0.0	143.0	0.0
2c	Eastside Out To Blw Muns	* May 2	143.0	0.0	0.0	0.0	0.00	526.8	0.0	0.0	0.0	0.0	143.0	0.0
1	Blw Munsey to Arco	May 2	45.8	0.0		-97.2	0.68	526.8	0.0	0.0		0.0	143.0	
3	River blw Moore Div	May 2	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	526.8	51.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	Apr 28	0.0		20090101	5%	1	18800630	3.2	556.5	0.0	
9	Howell to Chilly	Apr 29	0.0		20090101	5%	2	18810630	1.7	294.0	0.0	
8	Chilly to Reservoir	Apr 30	-1.6		20090101	5%	3	18880601	3.2	556.5	0.0	
	Disconnected						4	18960601	6.4	1113.0	0.0	
7	Mackay Reservoir	Apr 30	0.0		20090101	5%	5	19020301	0.8	140.0	0.0	
6	Reservoir to 2B	Apr 30	0.0	0.0	20090101	5%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 1	0.0	-59.0	20090101	5%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 2	0.0	0.0	20090101	5%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 2	0.0	-130.2	0.0	20090101	5%	9	Add Vol	Unlimited	200000.0	26921.3
2b	Weirs To Eastside Out	May 2	0.0	-130.2	0.0	20090101	5%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 2	0.0	0.0	0.0	20090101	5%		TOTAL		296511.0	70772.3
1	Blw Munsey to Arco	May 2	0.0	-143.0	0.0	20090101	5%					
3	River blw Moore Div	May 2	0.0	0.0	0.0	20090101	5%					
	TOTAL		-1.6	-462.4	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
16550.0	16640.0		90.0	45.4	4.0	0.0	15.0	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	2072.3
Total Storage Loss	-1751.2
Total Storage Deliver	-142.8
Total Evaporation	-18.3
Accounting Balance	<u>16640.0</u>
Current Res Content	16640.0
Storage Balance Error	0.0

DAILY STORAGE BALANCE

16550.0 Reservoir Content Previous Day [ac-ft]
16640.0 Reservoir Content Current Day [ac-ft]
90.0 Physical Change in Storage [ac-ft]

1044.8 Storage Allocated to Mackay Reservoir [ac-ft]
-917.2 Stored Flow Losses [ac-ft]
-59.0 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-403.4 Eastside [cfs]
0.0 River blw Moore [cfs]
-29.8 Storage Delivered [ac-ft]
0.0 Reservoir to 2B [cfs]
0.0 2B to Leslie [cfs]
15.0 Leslie to Moore [cfs]
0.0 Eastside to blw Munsey [cfs]
-7.9 Evaporation [ac-ft]
89.9 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

526.8 Natural Flow into Mackay Reservoir [cfs]

526.8 Reservoir Rights Diverted [cfs]
0.0 Natural Flow Losses below Reservoir [cfs]
0.0 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
0.0 Eastside as River [cfs]
0.0 Natural Flow Delivered [cfs]
0.0 Reservoir to 2B [cfs]
0.0 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
0.0 Eastside to blw Munsey [cfs]
526.8 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	403.4			0.0	0.0	136.6	136.6	-130.2	32.3%	273.2
Natural Flow	0.0			0.0	0.0			0.0		0.0
Stored Flow	403.4			0.0	0.0			-130.2		273.2
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	136.6	136.6		0.0	0.0	143.0	-130.2	47.7%	-260.4
Natural Flow				0.0	0.0	0.0	0.0		0.0
Stored Flow				0.0	0.0	143.0	-130.2		-260.4
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow	Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey
Gage #	13132350		13132390
Actual Flow	143.0	0.0	143.0
Natural Flow	0.0	0.0	0.0
Stored Flow	143.0	0.0	143.0
Exchange Flow	0.0	0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	0.0	403.4	0.0	273.2	143.0
Natural Flow	0.0	0.0	0.0	0.0	0.0
Stored Flow	0.0	403.4	0.0	273.2	143.0
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	0.0	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	0.0	0.0	0.0
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	0.0	0.0	0.0	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	0.0	0.0	0.0
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	0.0	0.0	0.0	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	0.0	0.0	0.0
9 Thalman Hunter D	0.0	0.0	0.0	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	0.0	0.0	71.4
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	0.0	0.0	0.0	5 HARRIS-VAUGHT	0.0	0.0	15.9
9 NEILSEN	0.0	0.0	0.0	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	0.0	0.0	0.0	5 SUTTER	0.0	0.0	0.0
9 CHILLY	36.0	36.0	142.8	8 Broken River Dit	0.0	0.0	0.0	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	0.0	0.0	0.0
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	0.0	0.0	0.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.0	0.0	0.0	8 Johnson/Navarro	0.0	0.0	0.0	4 3IN1	0.0	0.0	0.0
8 Zollinger 1	0.0	0.0	0.0	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	15.0	15.0	55.5
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	0.0	0.0	0.0	2 EASTSIDE FHDiv	0.0	0.0	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	0.0	0.0	0.0	8 Stoecklein 1	0.0	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	0.0	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	0.0	143.0	555.0
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	0.0	0.0	0.0	2 MUNSEY	0.0	143.0	555.0
8 Donahue 2	0.0	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	0.0	0.0	0.0	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	0.0	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	0.0	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	0.0	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
20090101	56	1660	MACKAY DAM	13126000	7	Apr 30, 2017	10000.00	10000.00	526.76	5.3%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Apr 29	374.0	0.0		374.0	0.00	374.0	0.0	0.0		374.0	0.0	
9	Howell to Chilly	Apr 30	562.0	36.0		224.0	0.00	598.0	0.0	36.0		598.0	-36.0	
8	Chilly to Reservoir ***Disconnected***	* May 1	372.8	7.9		-181.3	0.32	416.7	6.4	1.5		410.3	-37.5	
7	Mackay Reservoir	* May 1	362.0	0.0		372.8	0.00	482.3	464.6			17.7		
6	Reservoir to 2B	May 1	362.0	0.0		0.0	0.00	482.3	0.0	0.0		17.7	344.3	
5	2B to Leslie	May 2	305.0	25.0		-32.0	0.09	480.7	0.0	25.0		16.1	288.9	
4	Leslie to Eastside In	May 3	392.5	22.0		109.5	0.00	464.6	16.1	5.9		0.0	392.5	
2a	Eastside In To Weirs	* May 3	276.2	0.0	0.0	-116.3	0.30	464.6	0.0	0.0		0.0	276.2	0.0
2b	Weirs To Eastside Out	* May 3	160.0	0.0	0.0	-116.2	0.42	464.6	0.0	0.0		0.0	160.0	0.0
2c	Eastside Out To Blw Muns	* May 3	155.0	5.0	0.0	0.0	0.00	464.6	0.0	5.0	0.0	0.0	155.0	0.0
1	Blw Munsey to Arco	May 3	62.8	0.0		-92.2	0.59	464.6	0.0	0.0		0.0	155.0	
3	River blw Moore Div	May 3	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
* - Indicates flow estimated, not measured							TOTAL		487.1	73.4	0.0			

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	Apr 29	0.0		20090101	4%	1	18800630	3.2	556.5	6.3	
9	Howell to Chilly	Apr 30	0.0		20090101	4%	2	18810630	1.7	294.0	3.4	
8	Chilly to Reservoir ***Disconnected***	May 1	-181.3		20090101	4%	3	18880601	3.2	556.5	6.3	
							4	18960601	6.4	1113.0	12.7	
7	Mackay Reservoir	May 1	0.0		20090101	4%	5	19020301	0.8	140.0	1.6	
6	Reservoir to 2B	May 1	0.0	0.0	20090101	4%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 2	-1.6	-30.4	20090101	4%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 3	0.0	0.0	20090101	4%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 3	0.0	-116.3	0.0	20090101	4%	9	Add Vol	Unlimited	200000.0	27812.5
2b	Weirs To Eastside Out	May 3	0.0	-116.2	0.0	20090101	4%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 3	0.0	0.0	0.0	20090101	4%	TOTAL		296511.0	71693.8	
1	Blw Munsey to Arco	May 3	0.0	-155.0	0.0	20090101	4%					
3	River blw Moore Div	May 3	0.0	0.0	0.0	20090101	4%					
TOTAL			-182.9	-417.9	0.0							

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
16640.0	16650.0		10.0	5.0	5.7	16.1	35.9	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	2993.8
Total Storage Loss	-2580.1
Total Storage Deliver	-214.0
Total Evaporation	-29.7
Accounting Balance	<u>16650.0</u>
Current Res Content	16650.0
Storage Balance Error	0.0

DAILY STORAGE BALANCE

16640.0 Reservoir Content Previous Day [ac-ft]
16650.0 Reservoir Content Current Day [ac-ft]
10.0 Physical Change in Storage [ac-ft]

921.5 Storage Allocated to Mackay Reservoir [ac-ft]
-828.9 Stored Flow Losses [ac-ft]
-30.4 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-387.5 Eastside [cfs]
0.0 River blw Moore [cfs]
-71.2 Storage Delivered [ac-ft]
0.0 Reservoir to 2B [cfs]
25.0 2B to Leslie [cfs]
5.9 Leslie to Moore [cfs]
5.0 Eastside to blw Munsey [cfs]
-11.4 Evaporation [ac-ft]
10.0 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

482.3 Natural Flow into Mackay Reservoir [cfs]

464.6 Reservoir Rights Diverted [cfs]
1.6 Natural Flow Losses below Reservoir [cfs]
-1.6 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
0.0 Eastside as River [cfs]
16.1 Natural Flow Delivered [cfs]
0.0 Reservoir to 2B [cfs]
0.0 2B to Leslie [cfs]
16.1 Leslie to Moore [cfs]
0.0 Eastside to blw Munsey [cfs]
482.3 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	392.5			0.0	0.0	138.1	138.1	-116.3	29.6%	276.2
Natural Flow	0.0			0.0	0.0			0.0		0.0
Stored Flow	392.5			0.0	0.0			-116.3		276.2
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		Eastside River Loss
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	138.1	138.1		0.0	0.0	160.0	-116.2	42.1%	-232.5
Natural Flow				0.0	0.0	0.0	0.0		0.0
Stored Flow				0.0	0.0	160.0	-116.2		-232.5
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow	Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey
Gage #	13132350		13132390
Actual Flow	160.0	5.0	155.0
Natural Flow	0.0	0.0	0.0
Stored Flow	160.0	5.0	155.0
Exchange Flow	0.0	0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	0.0	392.5	0.0	276.2	160.0
Natural Flow	0.0	0.0	0.0	0.0	0.0
Stored Flow	0.0	392.5	0.0	276.2	160.0
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	0.0	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	0.0	0.0	0.0
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	0.0	0.0	0.0	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	0.0	0.0	0.0
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	0.0	0.0	0.0	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	0.0	0.0	0.0
9 Thalman Hunter D	0.0	0.0	0.0	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	25.0	25.0	121.0
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	0.0	0.0	0.0	5 HARRIS-VAUGHT	0.0	0.0	15.9
9 NEILSEN	0.0	0.0	0.0	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	2.5	0.0	0.0	5 SUTTER	0.0	0.0	0.0
9 CHILLY	36.0	36.0	214.2	8 Broken River Dit	1.5	1.5	3.0	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	0.0	0.0	0.0
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	0.0	0.0	0.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	0.0	4 3IN1	0.0	0.0	0.0
8 Zollinger 1	0.0	0.0	0.0	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	22.0	5.9	67.2
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	0.0	0.0	0.0	2 EASTSIDE FHDiv	0.0	0.0	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	0.0	0.0	0.0	8 Stoecklein 1	0.0	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	0.0	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	5.0	160.0	872.3
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	0.0	0.0	0.0	2 MUNSEY	0.0	160.0	872.3
8 Donahue 2	0.0	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	0.0	0.0	0.0	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	0.0	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	0.0	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	0.0	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18800630	56	1339	MACKAY DAM	13126000	7	May 01, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 01, 2017	1.70	1.70	1.70	100.0%
18830810	263	393	MOORE	13132050	4	May 03, 2017	0.18	0.20	0.18	100.0%
18840520	459	797	MOORE	13132050	4	May 03, 2017	1.20	1.32	1.20	100.0%
18840520	263	394	MOORE	13132050	4	May 03, 2017	0.22	0.24	0.22	100.0%
18840520	459	1478	MOORE	13132050	4	May 03, 2017	0.01	0.01	0.01	100.0%
18840601	263	395	MOORE	13132050	4	May 03, 2017	0.08	0.09	0.08	100.0%
18840715	459	1195	MOORE	13132050	4	May 03, 2017	1.20	1.32	1.20	100.0%
18840715	417	1194	MOORE	13132050	4	May 03, 2017	1.20	1.32	1.20	100.0%
18841012	459	342	MOORE	13132050	4	May 03, 2017	0.58	0.64	0.58	100.0%
18860501	417	644	MOORE	13132050	4	May 03, 2017	1.20	1.32	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 03, 2017	2.80	3.07	2.80	100.0%
18860512	263	398	MOORE	13132050	4	May 03, 2017	0.18	0.20	0.18	100.0%
18870313	459	338	MOORE	13132050	4	May 03, 2017	0.42	0.46	0.42	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 01, 2017	3.20	3.20	3.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 01, 2017	3.00	3.00	3.00	100.0%
18930201	417	380	MOORE	13132050	4	May 03, 2017	0.22	0.24	0.22	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 01, 2017	2.98	2.98	2.50	83.9%
18940601	417	379	MOORE	13132050	4	May 03, 2017	0.15	0.16	0.15	100.0%
18950601	417	378	MOORE	13132050	4	May 03, 2017	0.10	0.11	0.10	100.0%
18960601	263	397	MOORE	13132050	4	May 03, 2017	0.35	0.38	0.35	100.0%
18960601	417	992	MOORE	13132050	4	May 03, 2017	1.20	1.32	1.20	100.0%
18960601	459	993	MOORE	13132050	4	May 03, 2017	0.40	0.44	0.40	100.0%
18960601	417	381	MOORE	13132050	4	May 03, 2017	2.40	2.63	2.40	100.0%
18960601	263	399	MOORE	13132050	4	May 03, 2017	0.27	0.30	0.27	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 01, 2017	6.40	6.40	6.40	100.0%
18990327	459	1090	MOORE	13132050	4	May 03, 2017	0.60	0.66	0.60	100.0%
18990327	459	1477	MOORE	13132050	4	May 03, 2017	0.01	0.01	0.01	100.0%
19010901	459	340	MOORE	13132050	4	May 03, 2017	0.23	0.25	0.23	100.0%
19011001	263	396	MOORE	13132050	4	May 03, 2017	0.10	0.11	0.10	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 01, 2017	0.80	0.80	0.80	100.0%
19081207	459	344	MOORE	13132050	4	May 03, 2017	0.33	0.36	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 01, 2017	0.88	0.88	0.88	100.0%
19240806	417	695	MOORE	13132050	4	May 03, 2017	0.50	0.55	0.50	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 01, 2017	10000.00	10000.00	449.29	4.5%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Apr 30	398.0	0.0		398.0	0.00	398.0	0.0	0.0		398.0	0.0	
9	Howell to Chilly	May 1	389.0	85.3		76.3	0.00	474.3	84.4	0.9		389.9	-0.9	
8	Chilly to Reservoir	* May 2	362.8	7.9		-18.3	0.05	456.0	6.4	1.5		365.2	-2.4	
	Disconnected													
7	Mackay Reservoir	* May 2	377.0	0.0		362.8	0.00	517.7	499.3			18.5		
6	Reservoir to 2B	May 2	377.0	0.0		0.0	0.00	517.7	0.0	0.0		18.5	358.5	
5	2B to Leslie	May 3	300.0	29.9		-47.1	0.12	515.4	0.0	29.9		16.2	283.8	
4	Leslie to Eastside In	May 4	394.9	60.0		154.9	0.00	499.3	16.2	43.8		0.0	394.9	
2a	Eastside In To Weirs	* May 4	290.2	0.0	0.0	-104.7	0.27	499.3	0.0	0.0		0.0	290.2	0.0
2b	Weirs To Eastside Out	* May 4	185.7	0.0	0.0	-104.5	0.36	499.3	0.0	0.0		0.0	185.7	0.0
2c	Eastside Out To Blw Muns	* May 4	180.7	5.0	0.0	0.0	0.00	499.3	0.0	5.0	0.0	0.0	180.7	0.0
1	Blw Munsey to Arco	May 4	75.9	0.0		-104.8	0.58	499.3	0.0	0.0		0.0	180.7	
3	River blw Moore Div	May 4	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
* - Indicates flow estimated, not measured							TOTAL		606.2	81.1	0.0			

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	Apr 30	0.0		20090101	5%	1	18800630	3.2	556.5	12.7	
9	Howell to Chilly	May 1	0.0		20090101	5%	2	18810630	1.7	294.0	6.7	
8	Chilly to Reservoir	May 2	-18.3		20090101	5%	3	18880601	3.2	556.5	12.7	
	Disconnected						4	18960601	6.4	1113.0	25.4	
7	Mackay Reservoir	May 2	0.0		20090101	5%	5	19020301	0.8	140.0	3.2	
6	Reservoir to 2B	May 2	0.0	0.0	20090101	5%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 3	-2.3	-44.8	20090101	5%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 4	0.0	0.0	20090101	5%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 4	0.0	-104.7	0.0	20090101	5%	9	Add Vol	Unlimited	200000.0	28772.4
2b	Weirs To Eastside Out	May 4	0.0	-104.5	0.0	20090101	5%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 4	0.0	0.0	0.0	20090101	5%		TOTAL		296511.0	72684.1
1	Blw Munsey to Arco	May 4	0.0	-180.7	0.0	20090101	5%					
3	River blw Moore Div	May 4	0.0	0.0	0.0	20090101	5%					
TOTAL			-20.6	-434.7	0.0							

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
16650.0	16610.0		-40.0	-20.2	6.0	16.2	78.7	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	3984.1
Total Storage Loss	-3442.4
Total Storage Deliver	-370.1
Total Evaporation	-41.5
Accounting Balance	<u>16610.1</u>
Current Res Content	16610.0
Storage Balance Error	0.1

DAILY STORAGE BALANCE

16650.0 Reservoir Content Previous Day [ac-ft]
16610.0 Reservoir Content Current Day [ac-ft]
-40.0 Physical Change in Storage [ac-ft]

990.3 Storage Allocated to Mackay Reservoir [ac-ft]
-862.2 Stored Flow Losses [ac-ft]
-44.8 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-389.9 Eastside [cfs]
0.0 River blw Moore [cfs]
-156.1 Storage Delivered [ac-ft]
0.0 Reservoir to 2B [cfs]
29.9 2B to Leslie [cfs]
43.8 Leslie to Moore [cfs]
5.0 Eastside to blw Munsey [cfs]
-11.9 Evaporation [ac-ft]
-39.9 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

517.7 Natural Flow into Mackay Reservoir [cfs]

499.3 Reservoir Rights Diverted [cfs]
2.3 Natural Flow Losses below Reservoir [cfs]
-2.3 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
0.0 Eastside as River [cfs]
16.2 Natural Flow Delivered [cfs]
0.0 Reservoir to 2B [cfs]
0.0 2B to Leslie [cfs]
16.2 Leslie to Moore [cfs]
0.0 Eastside to blw Munsey [cfs]
517.8 Natural Flow Delivered & Lost [cfs]

-0.1 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	Flow Out
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	394.9			0.0	0.0	145.1	145.1	-104.7	26.5%	290.2
Natural Flow	0.0			0.0	0.0			0.0		0.0
Stored Flow	394.9			0.0	0.0			-104.7		290.2
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	145.1	145.1		0.0	0.0	185.7	-104.5	36.0%	-209.2
Natural Flow				0.0	0.0	0.0	0.0		0.0
Stored Flow				0.0	0.0	185.7	-104.5		-209.2
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	185.7		180.7	5.0
Natural Flow	0.0		0.0	0.0
Stored Flow	185.7		180.7	5.0
Exchange Flow	0.0		0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	0.0	394.9	0.0	290.2	185.7
Natural Flow	0.0	0.0	0.0	0.0	0.0
Stored Flow	0.0	394.9	0.0	290.2	185.7
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	0.0	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	0.0	0.0	0.0
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	0.0	0.0	0.0	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	4.9	4.9	9.7
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	0.0	0.0	0.0	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	0.0	0.0	0.0
9 Thalman Hunter D	0.0	0.0	0.0	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	25.0	25.0	170.6
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	0.0	0.0	0.0	5 HARRIS-VAUGHT	0.0	0.0	15.9
9 NEILSEN	36.0	0.9	1.7	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	2.5	0.0	0.0	5 SUTTER	0.0	0.0	0.0
9 CHILLY	49.3	0.0	214.2	8 Broken River Dit	1.5	1.5	6.0	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	0.0	0.0	0.0
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	0.0	0.0	0.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	0.0	4 3IN1	30.0	30.0	59.5
8 Zollinger 1	0.0	0.0	0.0	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	30.0	13.9	94.7
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	0.0	0.0	0.0	2 EASTSIDE FHDiv	0.0	0.0	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	0.0	0.0	0.0	8 Stoecklein 1	0.0	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	0.0	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	5.0	185.7	1240.7
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	0.0	0.0	0.0	2 MUNSEY	0.0	185.7	1240.7
8 Donahue 2	0.0	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	0.0	0.0	0.0	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	0.0	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	0.0	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	0.0	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 01, 2017	3.20	3.20	3.20	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 02, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 02, 2017	1.70	1.70	1.70	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 01, 2017	1.20	1.20	1.20	100.0%
18830810	263	393	MOORE	13132050	4	May 04, 2017	0.18	0.21	0.18	100.0%
18840520	263	394	MOORE	13132050	4	May 04, 2017	0.22	0.25	0.22	100.0%
18840520	459	797	MOORE	13132050	4	May 04, 2017	1.20	1.37	1.20	100.0%
18840520	459	1478	MOORE	13132050	4	May 04, 2017	0.01	0.01	0.01	100.0%
18840601	263	395	MOORE	13132050	4	May 04, 2017	0.08	0.09	0.08	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 01, 2017	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 01, 2017	0.80	0.80	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	May 04, 2017	1.20	1.37	1.20	100.0%
18840715	417	1194	MOORE	13132050	4	May 04, 2017	1.20	1.37	1.20	100.0%
18841012	459	342	MOORE	13132050	4	May 04, 2017	0.58	0.66	0.58	100.0%
18850501	255	401	NEILSEN	13120805	9	May 01, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 01, 2017	2.80	2.80	2.80	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 01, 2017	0.28	0.28	0.28	100.0%
18860501	417	1050	MOORE	13132050	4	May 04, 2017	2.80	3.20	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 04, 2017	1.20	1.37	1.20	100.0%
18860512	263	398	MOORE	13132050	4	May 04, 2017	0.18	0.21	0.18	100.0%
18870313	459	338	MOORE	13132050	4	May 04, 2017	0.42	0.48	0.42	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 01, 2017	0.80	0.80	0.80	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 02, 2017	3.20	3.20	3.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 02, 2017	3.00	3.00	3.00	100.0%
18910801	307	77	CHILLY	13121105	9	May 01, 2017	5.20	5.20	5.20	100.0%
18930201	417	380	MOORE	13132050	4	May 04, 2017	0.22	0.25	0.22	100.0%
18940310	609	1496	CHILLY	13121105	9	May 01, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 02, 2017	2.98	2.98	2.50	83.9%
18940601	417	379	MOORE	13132050	4	May 04, 2017	0.15	0.17	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	May 01, 2017	1.20	1.20	1.20	100.0%
18950501	307	619	NEILSEN	13120805	9	May 01, 2017	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 04, 2017	0.10	0.11	0.10	100.0%
18950601	445	411	NEILSEN	13120805	9	May 01, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 01, 2017	0.18	0.18	0.18	100.0%
18960601	417	381	MOORE	13132050	4	May 04, 2017	2.40	2.74	2.40	100.0%
18960601	263	399	MOORE	13132050	4	May 04, 2017	0.27	0.31	0.27	100.0%
18960601	263	397	MOORE	13132050	4	May 04, 2017	0.35	0.40	0.35	100.0%
18960601	459	993	MOORE	13132050	4	May 04, 2017	0.40	0.46	0.40	100.0%
18960601	417	992	MOORE	13132050	4	May 04, 2017	1.20	1.37	1.20	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 02, 2017	6.40	6.40	6.40	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 01, 2017	2.00	2.00	2.00	100.0%
18990327	459	1090	MOORE	13132050	4	May 04, 2017	0.60	0.69	0.60	100.0%
18990327	459	1477	MOORE	13132050	4	May 04, 2017	0.01	0.01	0.01	100.0%
18990601	307	72	NEILSEN	13120805	9	May 01, 2017	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 01, 2017	0.60	0.60	0.60	100.0%
19001101	310	833	CHILLY	13121105	9	May 01, 2017	6.40	6.40	6.40	100.0%
19010901	459	340	MOORE	13132050	4	May 04, 2017	0.23	0.26	0.23	100.0%
19011001	263	396	MOORE	13132050	4	May 04, 2017	0.12	0.14	0.12	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 02, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 01, 2017	0.80	0.80	0.80	100.0%
19020301	310	836	CHILLY	13121105	9	May 01, 2017	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	May 01, 2017	3.40	3.40	3.40	100.0%
19020301	364	952	CHILLY	13121105	9	May 01, 2017	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	May 01, 2017	1.60	1.60	1.60	100.0%
19020304	129	1062	CHILLY	13121105	9	May 01, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 01, 2017	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	May 01, 2017	1.60	1.60	1.60	100.0%
19030224	364	953	CHILLY	13121105	9	May 01, 2017	0.68	0.68	0.68	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 01, 2017	0.82	0.82	0.82	100.0%

19050501	101	1204	NEILSEN	13120805	9	May 01, 2017	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 01, 2017	3.00	3.00	3.00	100.0%
19050501	255	402	NEILSEN	13120805	9	May 01, 2017	0.50	0.50	0.50	100.0%
19050501	130	74	NEILSEN	13120805	9	May 01, 2017	1.30	1.30	1.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 01, 2017	0.20	0.20	0.20	100.0%
19050501	403	811	NEILSEN	13120805	9	May 01, 2017	0.30	0.30	0.30	100.0%
19050501	373	432	CHILLY	13121105	9	May 01, 2017	0.58	0.58	0.58	100.0%
19050501	129	1063	CHILLY	13121105	9	May 01, 2017	0.80	0.80	0.80	100.0%
19081207	459	344	MOORE	13132050	4	May 04, 2017	0.33	0.38	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 02, 2017	0.88	0.88	0.88	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 01, 2017	0.75	0.75	0.75	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 01, 2017	0.85	0.85	0.85	100.0%
19120830	255	400	NEILSEN	13120805	9	May 01, 2017	0.03	0.03	0.03	100.0%
19131224	373	25	CHILLY	13121105	9	May 01, 2017	1.60	1.60	1.60	100.0%
19150504	373	434	CHILLY	13121105	9	May 01, 2017	0.20	0.20	0.20	100.0%
19240806	417	695	MOORE	13132050	4	May 04, 2017	0.50	0.57	0.50	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 01, 2017	9.61	9.61	9.61	100.0%
19950411	476	1273	CHILLY	13121105	9	May 01, 2017	13.00	13.00	13.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 02, 2017	10000.00	10000.00	483.97	4.8%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 1	420.0	0.0		420.0	0.00	420.0	0.0	0.0		420.0	0.0	
9	Howell to Chilly	May 2	402.0	85.3		67.3	0.00	487.3	84.4	0.9		402.9	-0.9	
8	Chilly to Reservoir	* May 3	397.9	26.3		22.2	0.00	509.4	26.3	0.0		398.7	-0.9	
	Disconnected													
7	Mackay Reservoir	* May 3	377.0	0.0		397.9	0.00	596.5	524.3			72.1		
6	Reservoir to 2B	May 3	377.0	0.0		0.0	0.00	596.5	0.0	0.0		72.1	304.9	
5	2B to Leslie	May 4	285.0	66.9		-25.1	0.07	582.8	8.8	58.0		58.5	226.5	
4	Leslie to Eastside In	May 5	406.6	77.0		198.6	0.00	524.3	58.5	18.5		0.0	406.6	
2a	Eastside In To Weirs	* May 5	285.4	0.0	0.0	-121.2	0.30	524.3	0.0	0.0		0.0	285.4	0.0
2b	Weirs To Eastside Out	* May 5	164.4	0.0	0.0	-121.0	0.42	524.3	0.0	0.0		0.0	164.4	0.0
2c	Eastside Out To Blw Muns	* May 5	159.4	5.0	0.0	0.0	0.00	524.3	0.0	5.0	0.0	0.0	159.4	0.0
1	Blw Munsey to Arco	May 5	28.5	0.0		-130.9	0.82	524.3	0.0	0.0		0.0	159.4	
3	River blw Moore Div	May 5	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	702.4	82.4	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 1	0.0		20090101	5%	1	18800630	3.2	556.5	19.0	
9	Howell to Chilly	May 2	0.0		20090101	5%	2	18810630	1.7	294.0	10.1	
8	Chilly to Reservoir	May 3	0.0		20090101	5%	3	18880601	3.2	556.5	19.0	
	Disconnected						4	18960601	6.4	1113.0	38.1	
7	Mackay Reservoir	May 3	0.0		20090101	5%	5	19020301	0.8	140.0	4.8	
6	Reservoir to 2B	May 3	0.0	0.0	20090101	5%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 4	-4.8	-20.3	20090101	5%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 5	0.0	0.0	20090101	5%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 5	0.0	-121.2	0.0	20090101	5%	9	Add Vol	Unlimited	200000.0	29782.1
2b	Weirs To Eastside Out	May 5	0.0	-121.0	0.0	20090101	5%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 5	0.0	0.0	0.0	20090101	5%		TOTAL		296511.0	73724.1
1	Blw Munsey to Arco	May 5	0.0	-159.4	0.0	20090101	5%					
3	River blw Moore Div	May 5	0.0	0.0	20090101	5%						
	TOTAL		-4.8	-421.9	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
16610.0	16640.0		30.0	15.1	5.7	67.3	81.5	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	5024.1
Total Storage Loss	-4279.2
Total Storage Deliver	-531.8
Total Evaporation	-52.9
Accounting Balance	<u>16640.2</u>
Current Res Content	16640.0
Storage Balance Error	0.2

DAILY STORAGE BALANCE

16610.0 Reservoir Content Previous Day [ac-ft]
16640.0 Reservoir Content Current Day [ac-ft]
30.0 Physical Change in Storage [ac-ft]

1040.0 Storage Allocated to Mackay Reservoir [ac-ft]
-836.8 Stored Flow Losses [ac-ft]
-20.3 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-401.6 Eastside [cfs]
0.0 River blw Moore [cfs]
-161.7 Storage Delivered [ac-ft]
0.0 Reservoir to 2B [cfs]
58.0 2B to Leslie [cfs]
18.5 Leslie to Moore [cfs]
5.0 Eastside to blw Munsey [cfs]
-11.4 Evaporation [ac-ft]
30.1 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

596.5 Natural Flow into Mackay Reservoir [cfs]

524.3 Reservoir Rights Diverted [cfs]
4.8 Natural Flow Losses below Reservoir [cfs]
-4.8 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
0.0 Eastside as River [cfs]
67.3 Natural Flow Delivered [cfs]
0.0 Reservoir to 2B [cfs]
8.8 2B to Leslie [cfs]
58.5 Leslie to Moore [cfs]
0.0 Eastside to blw Munsey [cfs]
596.4 Natural Flow Delivered & Lost [cfs]

0.1 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	Flow Out
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	406.6			0.0	0.0	142.7	142.7	-121.2	29.8%	285.4
Natural Flow	0.0			0.0	0.0			0.0		0.0
Stored Flow	406.6			0.0	0.0			-121.2		285.4
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	142.7	142.7		0.0	0.0	164.4	-121.0	42.4%	-242.2
Natural Flow				0.0	0.0	0.0	0.0		0.0
Stored Flow				0.0	0.0	164.4	-121.0		-242.2
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	164.4	5.0	159.4	
Natural Flow	0.0	0.0	0.0	
Stored Flow	164.4	5.0	159.4	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	0.0	406.6	0.0	285.4	164.4
Natural Flow	0.0	0.0	0.0	0.0	0.0
Stored Flow	0.0	406.6	0.0	285.4	164.4
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	0.0	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	0.0	0.0	0.0
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	0.0	0.0	0.0	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	4.9	4.9	19.4
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	0.0	0.0	0.0	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	0.0	0.0	0.0
9 Thalman Hunter D	0.0	0.0	0.0	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	25.0	17.9	206.2
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	0.0	0.0	0.0	5 HARRIS-VAUGHT	37.0	35.2	85.7
9 NEILSEN	36.0	0.9	3.5	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	1.5	0.0	0.0	5 SUTTER	0.0	0.0	0.0
9 CHILLY	49.3	0.0	214.2	8 Broken River Dit	0.0	0.0	6.0	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	0.0	0.0	0.0
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	0.0	0.0	0.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	0.0	4 3IN1	30.0	0.0	59.5
8 Zollinger 1	5.0	0.0	0.0	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	47.0	18.5	131.3
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	0.0	0.0	0.0	2 EASTSIDE FHDiv	0.0	0.0	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	0.0	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	0.0	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	5.0	164.4	1566.8
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	0.0	0.0	0.0	2 MUNSEY	0.0	164.4	1566.8
8 Donahue 2	0.0	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.2	0.0	0.0	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	0.0	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	0.0	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 02, 2017	3.20	3.20	3.20	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 03, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 03, 2017	0.01	0.01	0.01	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 03, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 03, 2017	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 03, 2017	1.50	1.50	1.50	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 02, 2017	1.20	1.20	1.20	100.0%
18830601	2331	465	MOORE	13132050	4	May 05, 2017	0.79	0.85	0.79	100.0%
18830810	2332	1088	MOORE	13132050	4	May 05, 2017	1.50	1.61	1.50	100.0%
18830810	263	393	MOORE	13132050	4	May 05, 2017	0.18	0.19	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 04, 2017	0.68	0.73	0.68	100.0%
18840520	459	797	MOORE	13132050	4	May 05, 2017	1.20	1.29	1.20	100.0%
18840520	263	394	MOORE	13132050	4	May 05, 2017	0.22	0.24	0.22	100.0%
18840520	459	1478	MOORE	13132050	4	May 05, 2017	0.01	0.01	0.01	100.0%
18840520	2331	463	MOORE	13132050	4	May 05, 2017	2.24	2.40	2.24	100.0%
18840520	2331	471	MOORE	13132050	4	May 05, 2017	0.97	1.04	0.97	100.0%
18840520	2332	753	MOORE	13132050	4	May 05, 2017	0.42	0.45	0.42	100.0%
18840520	2333	657	MOORE	13132050	4	May 05, 2017	1.07	1.15	1.07	100.0%
18840520	2332	752	MOORE	13132050	4	May 05, 2017	0.36	0.39	0.36	100.0%
18840601	263	395	MOORE	13132050	4	May 05, 2017	0.08	0.09	0.08	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 02, 2017	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 02, 2017	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 05, 2017	1.20	1.29	1.20	100.0%
18840715	115	323	MOORE	13132050	4	May 05, 2017	0.80	0.86	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 05, 2017	0.80	0.86	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	May 05, 2017	1.20	1.29	1.20	100.0%
18841012	459	342	MOORE	13132050	4	May 05, 2017	0.58	0.62	0.58	100.0%
18850501	255	401	NEILSEN	13120805	9	May 02, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 02, 2017	2.80	2.80	2.80	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 02, 2017	0.28	0.28	0.28	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 03, 2017	3.20	3.20	3.20	100.0%
18860501	417	644	MOORE	13132050	4	May 05, 2017	1.20	1.29	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 05, 2017	2.80	3.00	2.80	100.0%
18860512	263	398	MOORE	13132050	4	May 05, 2017	0.18	0.19	0.18	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 03, 2017	0.80	0.80	0.80	100.0%
18870313	459	338	MOORE	13132050	4	May 05, 2017	0.42	0.45	0.42	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 02, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 03, 2017	3.30	3.30	3.30	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 03, 2017	3.20	3.20	3.20	100.0%
18890601	475	969	BURNETT	13127750	5	May 04, 2017	1.20	1.29	1.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 03, 2017	3.00	3.00	3.00	100.0%
18910630	2332	1254	MOORE	13132050	4	May 05, 2017	0.48	0.51	0.48	100.0%
18910630	2332	1255	MOORE	13132050	4	May 05, 2017	0.52	0.56	0.52	100.0%
18910801	307	77	CHILLY	13121105	9	May 02, 2017	5.20	5.20	5.20	100.0%
18930201	417	380	MOORE	13132050	4	May 05, 2017	0.22	0.24	0.22	100.0%
18940310	475	989	BURNETT	13127750	5	May 04, 2017	0.44	0.47	0.44	100.0%
18940310	265	1223	BURNETT	13127750	5	May 04, 2017	2.80	3.00	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	May 02, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 03, 2017	1.50	1.50	1.50	100.0%
18940601	417	379	MOORE	13132050	4	May 05, 2017	0.15	0.16	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	May 02, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 04, 2017	1.10	1.18	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 02, 2017	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 05, 2017	0.10	0.11	0.10	100.0%
18950601	445	410	NEILSEN	13120805	9	May 02, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 02, 2017	0.02	0.02	0.02	100.0%
18950630	265	1224	BURNETT	13127750	5	May 04, 2017	2.62	2.81	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 03, 2017	3.20	3.20	3.20	100.0%
18960601	263	399	MOORE	13132050	4	May 05, 2017	0.27	0.29	0.27	100.0%

18960601	263	397	MOORE	13132050	4	May 05, 2017	0.35	0.37	0.35	100.0%
18960601	2334	1495	MOORE	13132050	4	May 05, 2017	2.40	2.57	2.40	100.0%
18960601	459	993	MOORE	13132050	4	May 05, 2017	0.40	0.43	0.40	100.0%
18960601	417	992	MOORE	13132050	4	May 05, 2017	1.20	1.29	1.20	100.0%
18960601	417	381	MOORE	13132050	4	May 05, 2017	2.40	2.57	2.40	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 03, 2017	6.40	6.40	6.40	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 02, 2017	2.00	2.00	2.00	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 03, 2017	0.50	0.50	0.50	100.0%
18990327	459	1477	MOORE	13132050	4	May 05, 2017	0.01	0.01	0.01	100.0%
18990327	459	1090	MOORE	13132050	4	May 05, 2017	0.60	0.64	0.60	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 02, 2017	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 02, 2017	2.74	2.74	2.74	100.0%
19001101	310	833	CHILLY	13121105	9	May 02, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 03, 2017	1.24	1.24	1.24	100.0%
19010901	459	340	MOORE	13132050	4	May 05, 2017	0.23	0.25	0.23	100.0%
19011001	263	396	MOORE	13132050	4	May 05, 2017	0.12	0.13	0.12	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 03, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 02, 2017	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	May 02, 2017	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 02, 2017	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	May 02, 2017	3.40	3.40	3.40	100.0%
19020301	310	836	CHILLY	13121105	9	May 02, 2017	0.80	0.80	0.80	100.0%
19020304	129	1062	CHILLY	13121105	9	May 02, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 02, 2017	0.80	0.80	0.80	100.0%
19020501	310	631	CHILLY	13121105	9	May 02, 2017	1.60	1.60	1.60	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 03, 2017	3.70	3.70	3.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 02, 2017	0.68	0.68	0.68	100.0%
19041222	1	417	6X Ranch Navarre	13124357	8	May 03, 2017	0.03	0.03	0.03	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 03, 2017	1.57	1.57	1.57	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 02, 2017	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 02, 2017	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	May 02, 2017	1.30	1.30	1.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 02, 2017	0.20	0.20	0.20	100.0%
19050501	403	811	NEILSEN	13120805	9	May 02, 2017	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 02, 2017	3.00	3.00	3.00	100.0%
19050501	255	402	NEILSEN	13120805	9	May 02, 2017	0.50	0.50	0.50	100.0%
19050501	129	1063	CHILLY	13121105	9	May 02, 2017	0.80	0.80	0.80	100.0%
19050501	373	432	CHILLY	13121105	9	May 02, 2017	0.58	0.58	0.58	100.0%
19081207	459	344	MOORE	13132050	4	May 05, 2017	0.33	0.35	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 03, 2017	0.88	0.88	0.88	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 02, 2017	0.75	0.75	0.75	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 02, 2017	0.85	0.85	0.85	100.0%
19120830	255	400	NEILSEN	13120805	9	May 02, 2017	0.03	0.03	0.03	100.0%
19131224	373	25	CHILLY	13121105	9	May 02, 2017	1.60	1.60	1.60	100.0%
19150504	373	434	CHILLY	13121105	9	May 02, 2017	0.20	0.20	0.20	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 03, 2017	1.30	1.30	1.30	100.0%
19240806	417	695	MOORE	13132050	4	May 05, 2017	0.50	0.54	0.50	100.0%
19950203	476	1272	3IN1	13130605	4	May 05, 2017	30.00	32.14	30.00	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 02, 2017	9.61	9.61	9.61	100.0%
19950411	476	1273	CHILLY	13121105	9	May 02, 2017	13.00	13.00	13.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 03, 2017	10000.00	10000.00	509.02	5.1%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 2	492.0	0.0		492.0	0.00	492.0	0.0	0.0		492.0	0.0	
9	Howell to Chilly	May 3	449.0	86.3		43.3	0.00	535.3	85.4	0.9		449.9	-0.9	
8	Chilly to Reservoir	* May 4	474.5	26.3		51.8	0.00	587.1	26.3	0.0		475.4	-0.9	
	Disconnected													
7	Mackay Reservoir	* May 4	378.0	0.0		474.5	0.00	723.0	618.5			104.5		
6	Reservoir to 2B	May 4	378.0	0.0		0.0	0.00	723.0	0.0	0.0		104.5	273.5	
5	2B to Leslie	May 5	319.0	95.0		36.0	0.00	695.5	27.5	67.5		77.0	242.0	
4	Leslie to Eastside In	May 6	426.7	104.8		212.5	0.00	618.5	77.0	27.8		0.0	426.7	
2a	Eastside In To Weirs	* May 6	304.0	0.0	0.0	-122.7	0.29	618.5	0.0	0.0		0.0	304.0	0.0
2b	Weirs To Eastside Out	* May 6	181.2	0.0	0.0	-122.8	0.40	618.5	0.0	0.0		0.0	181.2	0.0
2c	Eastside Out To Blw Muns	* May 6	176.2	5.0	0.0	0.0	0.00	618.5	0.0	5.0	0.0	0.0	176.2	0.0
1	Blw Munsey to Arco	May 6	41.3	0.0		-134.9	0.77	618.5	0.0	0.0		0.0	176.2	
3	River blw Moore Div	May 6	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	834.7	101.2	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)
10	Howell Gage	May 2	0.0			20090101	6%	1	18800630	3.2	25.4
9	Howell to Chilly	May 3	0.0			20090101	6%	2	18810630	1.7	13.5
8	Chilly to Reservoir	May 4	0.0			20090101	6%	3	18880601	3.2	25.4
	Disconnected							4	18960601	6.4	50.8
7	Mackay Reservoir	May 4	0.0			20090101	6%	5	19020301	0.8	6.3
6	Reservoir to 2B	May 4	0.0	0.0		20090101	6%	6	19051002	Unlimited	20646.0
5	2B to Leslie	May 5	0.0	0.0		20090101	6%	7	19160207	Unlimited	17205.0
4	Leslie to Eastside In	May 6	0.0	0.0		20090101	6%	8	19590902	Unlimited	6000.0
2a	Eastside In To Weirs	May 6	0.0	-122.7	0.0	20090101	6%	9	Add Vol	Unlimited	200000.0
2b	Weirs To Eastside Out	May 6	0.0	-122.8	0.0	20090101	6%	10	Rotation	Unlimited	50000.0
2c	Eastside Out To Blw Muns	May 6	0.0	0.0	0.0	20090101	6%		TOTAL		296511.0
1	Blw Munsey to Arco	May 6	0.0	-176.2	0.0	20090101	6%				74950.9
3	River blw Moore Div	May 6	0.0	0.0		20090101	6%				
	TOTAL		0.0	-421.7	0.0						

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
16640.0	16820.0		180.0	90.7	5.7	104.5	100.3	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	6250.9
Total Storage Loss	-5115.6
Total Storage Deliver	-730.7
Total Evaporation	-64.3
Accounting Balance	<u>16820.3</u>
Current Res Content	16820.0
Storage Balance Error	0.3

DAILY STORAGE BALANCE

16640.0 Reservoir Content Previous Day [ac-ft]
16820.0 Reservoir Content Current Day [ac-ft]
180.0 Physical Change in Storage [ac-ft]

1226.8 Storage Allocated to Mackay Reservoir [ac-ft]
-836.4 Stored Flow Losses [ac-ft]
0.0 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-421.7 Eastside [cfs]
0.0 River blw Moore [cfs]
-198.9 Storage Delivered [ac-ft]
0.0 Reservoir to 2B [cfs]
67.5 2B to Leslie [cfs]
27.8 Leslie to Moore [cfs]
5.0 Eastside to blw Munsey [cfs]
-11.4 Evaporation [ac-ft]
180.1 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

723.0 Natural Flow into Mackay Reservoir [cfs]

618.5 Reservoir Rights Diverted [cfs]
0.0 Natural Flow Losses below Reservoir [cfs]
0.0 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
0.0 Eastside as River [cfs]
104.5 Natural Flow Delivered [cfs]
0.0 Reservoir to 2B [cfs]
27.5 2B to Leslie [cfs]
77.0 Leslie to Moore [cfs]
0.0 Eastside to blw Munsey [cfs]
723.0 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	Flow Out
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	426.7			0.0	0.0	152.0	152.0	-122.7	28.8%	304.0
Natural Flow	0.0			0.0	0.0			0.0		0.0
Stored Flow	426.7			0.0	0.0			-122.7		304.0
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	152.0	152.0		0.0	0.0	181.2	-122.8	40.4%	-245.5
Natural Flow				0.0	0.0	0.0	0.0		0.0
Stored Flow				0.0	0.0	181.2	-122.8		-245.5
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow	Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey
Gage #	13132350		13132390
Actual Flow	181.2	5.0	176.2
Natural Flow	0.0	0.0	0.0
Stored Flow	181.2	5.0	176.2
Exchange Flow	0.0	0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	0.0	426.7	0.0	304.0	181.2
Natural Flow	0.0	0.0	0.0	0.0	0.0
Stored Flow	0.0	426.7	0.0	304.0	181.2
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	0.0	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	0.0	0.0	0.0
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	0.0	0.0	0.0	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	7.0	4.0	27.3
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	0.0	0.0	0.0	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	16.0	5.9	11.7
9 Thalman Hunter D	0.0	0.0	0.0	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	35.0	22.4	250.5
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	0.0	0.0	0.0	5 HARRIS-VAUGHT	37.0	35.2	155.6
9 NEILSEN	37.0	0.9	5.2	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	1.5	0.0	0.0	5 SUTTER	0.0	0.0	0.0
9 CHILLY	49.3	0.0	214.2	8 Broken River Dit	0.0	0.0	6.0	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	0.0	0.0	0.0
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	0.0	0.0	0.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	0.0	4 3IN1	34.8	2.9	65.3
8 Zollinger 1	5.0	0.0	0.0	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	70.0	24.9	180.7
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	0.0	0.0	0.0	2 EASTSIDE FHDiv	0.0	0.0	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	0.0	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	0.0	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	5.0	181.2	1926.2
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	0.0	0.0	0.0	2 MUNSEY	0.0	181.2	1926.2
8 Donahue 2	0.0	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.2	0.0	0.0	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	0.0	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	0.0	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 03, 2017	3.20	3.20	3.20	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 04, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 04, 2017	0.01	0.01	0.01	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 04, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 04, 2017	1.70	1.70	1.70	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 04, 2017	1.50	1.50	1.50	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 03, 2017	1.20	1.20	1.20	100.0%
18830601	645	464	MOORE	13132050	4	May 06, 2017	0.11	0.11	0.11	100.0%
18830601	2331	465	MOORE	13132050	4	May 06, 2017	0.79	0.79	0.79	100.0%
18830810	2332	1088	MOORE	13132050	4	May 06, 2017	1.50	1.50	1.50	100.0%
18830810	263	393	MOORE	13132050	4	May 06, 2017	0.18	0.18	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 05, 2017	0.68	0.68	0.68	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 05, 2017	0.96	0.96	0.96	100.0%
18840422	525	1465	BURNETT	13127750	5	May 05, 2017	1.92	1.92	1.92	100.0%
18840520	340	816	MOORE	13132050	4	May 06, 2017	0.36	0.36	0.36	100.0%
18840520	459	797	MOORE	13132050	4	May 06, 2017	1.20	1.20	1.20	100.0%
18840520	459	1478	MOORE	13132050	4	May 06, 2017	0.01	0.01	0.01	100.0%
18840520	219	547	MOORE	13132050	4	May 06, 2017	1.15	1.15	1.15	100.0%
18840520	263	394	MOORE	13132050	4	May 06, 2017	0.22	0.22	0.22	100.0%
18840520	66	266	MOORE	13132050	4	May 06, 2017	0.02	0.02	0.02	100.0%
18840520	645	462	MOORE	13132050	4	May 06, 2017	0.32	0.32	0.32	100.0%
18840520	2332	752	MOORE	13132050	4	May 06, 2017	0.36	0.36	0.36	100.0%
18840520	2331	463	MOORE	13132050	4	May 06, 2017	2.24	2.24	2.24	100.0%
18840520	2335	265	MOORE	13132050	4	May 06, 2017	0.92	0.92	0.92	100.0%
18840520	2331	471	MOORE	13132050	4	May 06, 2017	0.95	0.95	0.95	100.0%
18840520	2332	753	MOORE	13132050	4	May 06, 2017	0.42	0.42	0.42	100.0%
18840520	2333	657	MOORE	13132050	4	May 06, 2017	1.07	1.07	1.07	100.0%
18840601	263	395	MOORE	13132050	4	May 06, 2017	0.08	0.08	0.08	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 03, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 03, 2017	0.40	0.40	0.40	100.0%
18840715	133	324	MOORE	13132050	4	May 06, 2017	0.80	0.80	0.80	100.0%
18840715	115	323	MOORE	13132050	4	May 06, 2017	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 06, 2017	1.20	1.20	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	May 06, 2017	1.20	1.20	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	May 06, 2017	0.80	0.80	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	May 06, 2017	0.80	0.80	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	May 06, 2017	0.80	0.80	0.80	100.0%
18841012	459	342	MOORE	13132050	4	May 06, 2017	0.58	0.58	0.58	100.0%
18841012	524	11	SWAUGER	13127600	5	May 05, 2017	2.78	2.78	2.78	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 05, 2017	1.65	1.65	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 05, 2017	0.22	0.22	0.22	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 03, 2017	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	May 03, 2017	0.50	0.50	0.50	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 05, 2017	3.20	3.20	3.20	100.0%
18850601	525	1464	BURNETT	13127750	5	May 05, 2017	1.54	1.54	1.54	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 03, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 05, 2017	2.12	2.12	2.12	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 04, 2017	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	May 06, 2017	0.87	0.87	0.87	100.0%
18860501	417	644	MOORE	13132050	4	May 06, 2017	1.20	1.20	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 06, 2017	2.80	2.80	2.80	100.0%
18860512	263	398	MOORE	13132050	4	May 06, 2017	0.18	0.18	0.18	100.0%
18860601	16	1009	MOORE	13132050	4	May 06, 2017	2.52	2.52	2.52	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 04, 2017	0.80	0.80	0.80	100.0%
18870313	459	338	MOORE	13132050	4	May 06, 2017	0.42	0.42	0.42	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 03, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 04, 2017	3.30	3.30	3.30	100.0%
18870601	305	1351	3IN1	13130605	4	May 06, 2017	1.00	1.00	1.00	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 04, 2017	3.20	3.20	3.20	100.0%

18890601	463	1396	MOORE	13132050	4	May 06, 2017	0.20	0.20	0.20	100.0%
18890601	475	969	BURNETT	13127750	5	May 05, 2017	1.20	1.20	1.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 04, 2017	3.00	3.00	3.00	100.0%
18910630	44	1003	MOORE	13132050	4	May 06, 2017	0.76	0.76	0.76	100.0%
18910630	2332	1255	MOORE	13132050	4	May 06, 2017	0.52	0.52	0.52	100.0%
18910630	44	1253	MOORE	13132050	4	May 06, 2017	0.78	0.78	0.78	100.0%
18910630	2332	1254	MOORE	13132050	4	May 06, 2017	0.48	0.48	0.48	100.0%
18910801	307	77	CHILLY	13121105	9	May 03, 2017	5.20	5.20	5.20	100.0%
18930201	417	380	MOORE	13132050	4	May 06, 2017	0.22	0.22	0.22	100.0%
18940310	475	989	BURNETT	13127750	5	May 05, 2017	0.44	0.44	0.44	100.0%
18940310	265	1223	BURNETT	13127750	5	May 05, 2017	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	May 03, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 04, 2017	1.50	1.50	1.50	100.0%
18940521	463	933	MOORE	13132050	4	May 06, 2017	0.80	0.80	0.80	100.0%
18940601	417	379	MOORE	13132050	4	May 06, 2017	0.15	0.15	0.15	100.0%
18940601	307	39	CHILLY	13121105	9	May 03, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 05, 2017	1.10	1.10	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 03, 2017	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 06, 2017	0.10	0.10	0.10	100.0%
18950601	445	410	NEILSEN	13120805	9	May 03, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 03, 2017	0.02	0.02	0.02	100.0%
18950630	265	1224	BURNETT	13127750	5	May 05, 2017	2.62	2.62	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 04, 2017	3.20	3.20	3.20	100.0%
18960601	463	128	MOORE	13132050	4	May 06, 2017	1.60	1.60	1.60	100.0%
18960601	417	992	MOORE	13132050	4	May 06, 2017	1.20	1.20	1.20	100.0%
18960601	263	399	MOORE	13132050	4	May 06, 2017	0.27	0.27	0.27	100.0%
18960601	459	993	MOORE	13132050	4	May 06, 2017	0.40	0.40	0.40	100.0%
18960601	417	381	MOORE	13132050	4	May 06, 2017	2.40	2.40	2.40	100.0%
18960601	263	397	MOORE	13132050	4	May 06, 2017	0.35	0.35	0.35	100.0%
18960601	2334	1495	MOORE	13132050	4	May 06, 2017	2.40	2.40	2.40	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 04, 2017	6.40	6.40	6.40	100.0%
18970510	411	674	DARLINGTON	13127735	5	May 05, 2017	0.61	0.61	0.61	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 05, 2017	3.44	3.44	3.44	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 03, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 05, 2017	0.22	0.22	0.22	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 04, 2017	0.50	0.50	0.50	100.0%
18990327	219	549	MOORE	13132050	4	May 06, 2017	0.25	0.25	0.25	100.0%
18990327	645	466	MOORE	13132050	4	May 06, 2017	0.05	0.05	0.05	100.0%
18990327	459	1477	MOORE	13132050	4	May 06, 2017	0.01	0.01	0.01	100.0%
18990327	459	1090	MOORE	13132050	4	May 06, 2017	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 03, 2017	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 03, 2017	0.60	0.60	0.60	100.0%
19001101	310	833	CHILLY	13121105	9	May 03, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 04, 2017	1.24	1.24	1.24	100.0%
19010901	459	340	MOORE	13132050	4	May 06, 2017	0.23	0.23	0.23	100.0%
19011001	263	396	MOORE	13132050	4	May 06, 2017	0.12	0.12	0.12	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 04, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 03, 2017	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	May 03, 2017	3.40	3.40	3.40	100.0%
19020301	364	952	CHILLY	13121105	9	May 03, 2017	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	May 03, 2017	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	May 03, 2017	1.60	1.60	1.60	100.0%
19020304	129	1062	CHILLY	13121105	9	May 03, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 03, 2017	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 06, 2017	2.00	2.00	2.00	100.0%
19020501	310	631	CHILLY	13121105	9	May 03, 2017	1.60	1.60	1.60	100.0%
19020601	16	1014	MOORE	13132050	4	May 06, 2017	0.92	0.92	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 04, 2017	3.70	3.70	3.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 03, 2017	0.68	0.68	0.68	100.0%
19040517	16	1074	MOORE	13132050	4	May 06, 2017	1.46	1.46	1.46	100.0%
19041222	1	417	6X Ranch Navarre	13124357	8	May 04, 2017	0.03	0.03	0.03	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 04, 2017	1.57	1.57	1.57	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 03, 2017	0.82	0.82	0.82	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 03, 2017	3.00	3.00	3.00	100.0%

19050501	101	1204	NEILSEN	13120805	9	May 03, 2017	0.65	0.65	0.65	100.0%
19050501	403	811	NEILSEN	13120805	9	May 03, 2017	0.30	0.30	0.30	100.0%
19050501	255	402	NEILSEN	13120805	9	May 03, 2017	0.50	0.50	0.50	100.0%
19050501	130	74	NEILSEN	13120805	9	May 03, 2017	1.30	1.30	1.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 03, 2017	0.20	0.20	0.20	100.0%
19050501	373	432	CHILLY	13121105	9	May 03, 2017	0.58	0.58	0.58	100.0%
19050501	129	1063	CHILLY	13121105	9	May 03, 2017	0.80	0.80	0.80	100.0%
19081207	459	344	MOORE	13132050	4	May 06, 2017	0.33	0.33	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 04, 2017	0.88	0.88	0.88	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 03, 2017	0.75	0.75	0.75	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 03, 2017	0.85	0.85	0.85	100.0%
19120830	255	400	NEILSEN	13120805	9	May 03, 2017	0.03	0.03	0.03	100.0%
19131224	373	25	CHILLY	13121105	9	May 03, 2017	1.60	1.60	1.60	100.0%
19150504	373	434	CHILLY	13121105	9	May 03, 2017	0.20	0.20	0.20	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 04, 2017	1.30	1.30	1.30	100.0%
19240806	417	695	MOORE	13132050	4	May 06, 2017	0.50	0.50	0.50	100.0%
19950203	476	1272	3IN1	13130605	4	May 06, 2017	30.00	30.00	30.00	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 03, 2017	10.61	10.61	10.61	100.0%
19950411	476	1273	CHILLY	13121105	9	May 03, 2017	13.00	13.00	13.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 04, 2017	10000.00	10000.00	603.22	6.0%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 3	607.0	0.0		607.0	0.00	607.0	0.0	0.0		607.0	0.0	
9	Howell to Chilly	May 4	556.0	86.3		35.3	0.00	642.3	85.4	0.9		556.9	-0.9	
8	Chilly to Reservoir	* May 5	574.3	37.7		56.0	0.00	698.3	37.3	0.4		575.5	-1.3	
	Disconnected													
7	Mackay Reservoir	* May 5	507.0	0.0		574.3	0.00	757.9	628.0			129.8		
6	Reservoir to 2B	May 5	502.0	5.0		0.0	0.00	757.9	0.0	5.0		129.8	372.2	
5	2B to Leslie	May 6	454.0	111.0		63.0	0.00	709.1	48.8	62.2		81.1	372.9	
4	Leslie to Eastside In	May 7	465.8	108.8		120.6	0.00	628.0	81.1	27.7		0.0	465.8	
2a	Eastside In To Weirs	* May 7	342.4	0.0	0.0	-123.4	0.26	628.0	0.0	0.0		0.0	342.4	0.0
2b	Weirs To Eastside Out	* May 7	218.9	0.0	0.0	-123.5	0.36	628.0	0.0	0.0		0.0	218.9	0.0
2c	Eastside Out To Blw Muns	* May 7	213.9	5.0	0.0	0.0	0.00	628.0	0.0	5.0	0.0	0.0	213.9	0.0
1	Blw Munsey to Arco	May 7	74.5	0.0		-139.4	0.65	628.0	0.0	0.0		0.0	213.9	
3	River blw Moore Div	May 7	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	880.6	101.2	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 3	0.0		20090101	6%	1	18800630	3.2	556.5	31.7	
9	Howell to Chilly	May 4	0.0		20090101	6%	2	18810630	1.7	294.0	16.9	
8	Chilly to Reservoir	May 5	0.0		20090101	6%	3	18880601	3.2	556.5	31.7	
	Disconnected						4	18960601	6.4	1113.0	63.5	
7	Mackay Reservoir	May 5	0.0		20090101	6%	5	19020301	0.8	140.0	7.9	
6	Reservoir to 2B	May 5	0.0	0.0	20090101	6%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 6	0.0	0.0	20090101	6%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 7	0.0	0.0	20090101	6%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 7	0.0	-123.4	0.0	20090101	6%	9	Add Vol	Unlimited	200000.0	32193.9
2b	Weirs To Eastside Out	May 7	0.0	-123.5	0.0	20090101	6%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 7	0.0	0.0	20090101	6%		TOTAL		296511.0	76196.7	
1	Blw Munsey to Arco	May 7	0.0	-213.9	0.0	20090101	6%					
3	River blw Moore Div	May 7	0.0	0.0	20090101	6%						
	TOTAL		0.0	-460.8	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
16820.0	16940.0		120.0	60.5	6.8	129.8	100.0	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	7496.7
Total Storage Loss	-6029.6
Total Storage Deliver	-928.9
Total Evaporation	-77.7
Accounting Balance	<u>16940.4</u>
Current Res Content	16940.0
Storage Balance Error	0.4

DAILY STORAGE BALANCE

16820.0 Reservoir Content Previous Day [ac-ft]
16940.0 Reservoir Content Current Day [ac-ft]
120.0 Physical Change in Storage [ac-ft]

1245.7 Storage Allocated to Mackay Reservoir [ac-ft]
-914.0 Stored Flow Losses [ac-ft]
0.0 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-460.8 Eastside [cfs]
0.0 River blw Moore [cfs]
-198.2 Storage Delivered [ac-ft]
5.0 Reservoir to 2B [cfs]
62.2 2B to Leslie [cfs]
27.7 Leslie to Moore [cfs]
5.0 Eastside to blw Munsey [cfs]
-13.4 Evaporation [ac-ft]
120.1 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

757.9 Natural Flow into Mackay Reservoir [cfs]

628.0 Reservoir Rights Diverted [cfs]
0.0 Natural Flow Losses below Reservoir [cfs]
0.0 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
0.0 Eastside as River [cfs]
129.9 Natural Flow Delivered [cfs]
0.0 Reservoir to 2B [cfs]
48.8 2B to Leslie [cfs]
81.1 Leslie to Moore [cfs]
0.0 Eastside to blw Munsey [cfs]
757.9 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	465.8			0.0	0.0	171.2	171.2	-123.4	26.5%	342.4
Natural Flow	0.0			0.0	0.0			0.0		0.0
Stored Flow	465.8			0.0	0.0			-123.4		342.4
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	171.2	171.2		0.0	0.0	218.9	-123.5	36.1%	-246.9
Natural Flow				0.0	0.0	0.0	0.0		0.0
Stored Flow				0.0	0.0	218.9	-123.5		-246.9
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow	Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey
Gage #	13132350		13132390
Actual Flow	218.9	5.0	213.9
Natural Flow	0.0	0.0	0.0
Stored Flow	218.9	5.0	213.9
Exchange Flow	0.0	0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	0.0	465.8	0.0	342.4	218.9
Natural Flow	0.0	0.0	0.0	0.0	0.0
Stored Flow	0.0	465.8	0.0	342.4	218.9
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	0.0	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	5.0	5.0	9.9
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	0.0	0.0	0.0	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	9.0	3.3	33.8
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	0.0	0.0	0.0	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	11.0	0.0	11.7
9 Thalman Hunter D	0.0	0.0	0.0	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	54.0	23.7	297.6
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	37.0	35.2	225.4
9 NEILSEN	37.0	0.9	6.9	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	2.0	0.0	0.0	5 SUTTER	0.0	0.0	0.0
9 CHILLY	49.3	0.0	214.2	8 Broken River Dit	0.0	0.0	6.0	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	0.0	0.0	0.0
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	0.0	0.0	0.0	8 Freeman/Hill Pum	1.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.0	0.0	0.0	8 Johnson/Navarro	3.0	0.0	0.0	4 3IN1	34.8	2.9	71.1
8 Zollinger 1	6.8	0.4	0.8	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	74.0	24.8	229.9
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	0.0	0.0	0.0	2 EASTSIDE FHDiv	0.0	0.0	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	0.0	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	6.0	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	5.0	218.9	2360.4
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	0.0	0.0	0.0	2 MUNSEY	0.0	218.9	2360.4
8 Donahue 2	0.0	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.2	0.0	0.0	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	0.0	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	0.0	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 04, 2017	3.20	3.20	3.20	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 05, 2017	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 05, 2017	0.59	0.59	0.59	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 05, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 05, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 05, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 05, 2017	1.50	1.50	1.50	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 04, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 05, 2017	3.00	3.00	3.00	100.0%
18830601	645	464	MOORE	13132050	4	May 07, 2017	0.11	0.11	0.11	100.0%
18830601	2331	465	MOORE	13132050	4	May 07, 2017	0.79	0.79	0.79	100.0%
18830810	96	449	MOORE	13132050	4	May 07, 2017	0.48	0.48	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	May 07, 2017	1.50	1.50	1.50	100.0%
18830810	263	393	MOORE	13132050	4	May 07, 2017	0.18	0.18	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 06, 2017	0.68	0.68	0.68	100.0%
18840422	201	83	SWAUGER	13127600	5	May 06, 2017	1.12	1.12	1.12	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 06, 2017	0.96	0.96	0.96	100.0%
18840422	525	1465	BURNETT	13127750	5	May 06, 2017	1.92	1.92	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	May 06, 2017	2.00	2.00	2.00	100.0%
18840430	73	193	BURNETT	13127750	5	May 06, 2017	1.23	1.23	1.23	100.0%
18840430	623	1519	BURNETT	13127750	5	May 06, 2017	0.40	0.40	0.40	100.0%
18840430	73	194	BURNETT	13127750	5	May 06, 2017	0.77	0.77	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	May 06, 2017	1.60	1.60	1.60	100.0%
18840520	219	547	MOORE	13132050	4	May 07, 2017	1.15	1.15	1.15	100.0%
18840520	2333	657	MOORE	13132050	4	May 07, 2017	1.07	1.07	1.07	100.0%
18840520	459	1478	MOORE	13132050	4	May 07, 2017	0.01	0.01	0.01	100.0%
18840520	645	462	MOORE	13132050	4	May 07, 2017	0.32	0.32	0.32	100.0%
18840520	459	797	MOORE	13132050	4	May 07, 2017	1.20	1.20	1.20	100.0%
18840520	2335	265	MOORE	13132050	4	May 07, 2017	0.94	0.94	0.94	100.0%
18840520	263	394	MOORE	13132050	4	May 07, 2017	0.22	0.22	0.22	100.0%
18840520	2332	753	MOORE	13132050	4	May 07, 2017	0.42	0.42	0.42	100.0%
18840520	340	816	MOORE	13132050	4	May 07, 2017	0.36	0.36	0.36	100.0%
18840520	2331	471	MOORE	13132050	4	May 07, 2017	1.09	1.09	1.09	100.0%
18840520	96	451	MOORE	13132050	4	May 07, 2017	0.58	0.58	0.58	100.0%
18840520	2332	752	MOORE	13132050	4	May 07, 2017	0.36	0.36	0.36	100.0%
18840520	66	266	MOORE	13132050	4	May 07, 2017	0.02	0.02	0.02	100.0%
18840520	2331	463	MOORE	13132050	4	May 07, 2017	2.24	2.24	2.24	100.0%
18840601	96	453	MOORE	13132050	4	May 07, 2017	0.21	0.21	0.21	100.0%
18840601	263	395	MOORE	13132050	4	May 07, 2017	0.08	0.08	0.08	100.0%
18840601	623	1505	BURNETT	13127750	5	May 06, 2017	0.40	0.40	0.40	100.0%
18840601	73	199	BURNETT	13127750	5	May 06, 2017	0.37	0.37	0.37	100.0%
18840601	73	200	BURNETT	13127750	5	May 06, 2017	0.23	0.23	0.23	100.0%
18840601	360	693	BURNETT	13127750	5	May 06, 2017	0.80	0.80	0.80	100.0%
18840601	623	1493	BURNETT	13127750	5	May 06, 2017	0.20	0.20	0.20	100.0%
18840601	623	1504	BURNETT	13127750	5	May 06, 2017	0.27	0.27	0.27	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 04, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 04, 2017	0.40	0.40	0.40	100.0%
18840715	133	324	MOORE	13132050	4	May 07, 2017	0.80	0.80	0.80	100.0%
18840715	115	323	MOORE	13132050	4	May 07, 2017	0.80	0.80	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	May 07, 2017	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 07, 2017	1.20	1.20	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	May 07, 2017	1.20	1.20	1.20	100.0%
18840731	44	1132	MOORE	13132050	4	May 07, 2017	0.80	0.80	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	May 07, 2017	0.80	0.80	0.80	100.0%
18840914	360	68	BURNETT	13127750	5	May 06, 2017	0.80	0.80	0.80	100.0%
18840914	623	1494	BURNETT	13127750	5	May 06, 2017	0.40	0.40	0.40	100.0%
18841012	459	342	MOORE	13132050	4	May 07, 2017	0.58	0.58	0.58	100.0%
18841012	524	11	SWAUGER	13127600	5	May 06, 2017	2.78	2.78	2.78	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 06, 2017	0.76	0.76	0.76	100.0%

18850218	411	805	DARLINGTON	13127735	5	May 06, 2017	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 06, 2017	2.00	2.00	2.00	100.0%
18850501	255	401	NEILSEN	13120805	9	May 04, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 04, 2017	2.80	2.80	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 06, 2017	3.20	3.20	3.20	100.0%
18850601	20	949	DARLINGTON	13127735	5	May 06, 2017	0.40	0.40	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	May 06, 2017	1.54	1.54	1.54	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 04, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 06, 2017	0.96	0.96	0.96	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 05, 2017	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	May 07, 2017	0.87	0.87	0.87	100.0%
18860501	417	1050	MOORE	13132050	4	May 07, 2017	2.80	2.80	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 07, 2017	1.20	1.20	1.20	100.0%
18860512	263	398	MOORE	13132050	4	May 07, 2017	0.18	0.18	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 07, 2017	0.48	0.48	0.48	100.0%
18860601	16	1009	MOORE	13132050	4	May 07, 2017	2.52	2.52	2.52	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 05, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 05, 2017	0.80	0.80	0.80	100.0%
18870313	459	338	MOORE	13132050	4	May 07, 2017	0.42	0.42	0.42	100.0%
18870313	73	201	BURNETT	13127750	5	May 06, 2017	1.05	1.05	1.05	100.0%
18870313	73	202	BURNETT	13127750	5	May 06, 2017	0.65	0.65	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	May 06, 2017	0.80	0.80	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 04, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 05, 2017	3.30	3.30	3.30	100.0%
18870601	305	1351	3IN1	13130605	4	May 07, 2017	1.00	1.00	1.00	100.0%
18870601	73	196	BURNETT	13127750	5	May 06, 2017	0.69	0.69	0.69	100.0%
18870601	73	195	BURNETT	13127750	5	May 06, 2017	1.11	1.11	1.11	100.0%
18870801	73	190	BURNETT	13127750	5	May 06, 2017	0.38	0.38	0.38	100.0%
18870801	73	189	BURNETT	13127750	5	May 06, 2017	0.62	0.62	0.62	100.0%
18870801	623	1508	BURNETT	13127750	5	May 06, 2017	0.53	0.53	0.53	100.0%
18870831	623	1507	BURNETT	13127750	5	May 06, 2017	1.12	1.12	1.12	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 06, 2017	0.98	0.98	0.98	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 05, 2017	3.20	3.20	3.20	100.0%
18890601	463	1396	MOORE	13132050	4	May 07, 2017	0.20	0.20	0.20	100.0%
18890601	475	969	BURNETT	13127750	5	May 06, 2017	1.20	1.20	1.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 05, 2017	3.00	3.00	3.00	100.0%
18910630	2332	1254	MOORE	13132050	4	May 07, 2017	0.48	0.48	0.48	100.0%
18910630	44	1253	MOORE	13132050	4	May 07, 2017	0.80	0.80	0.80	100.0%
18910630	2332	1255	MOORE	13132050	4	May 07, 2017	0.52	0.52	0.52	100.0%
18910630	44	1003	MOORE	13132050	4	May 07, 2017	0.76	0.76	0.76	100.0%
18910801	307	77	CHILLY	13121105	9	May 04, 2017	5.20	5.20	5.20	100.0%
18930201	417	380	MOORE	13132050	4	May 07, 2017	0.22	0.22	0.22	100.0%
18940310	475	989	BURNETT	13127750	5	May 06, 2017	0.44	0.44	0.44	100.0%
18940310	265	1223	BURNETT	13127750	5	May 06, 2017	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	May 04, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 05, 2017	2.00	2.00	2.00	100.0%
18940521	463	933	MOORE	13132050	4	May 07, 2017	0.80	0.80	0.80	100.0%
18940601	417	379	MOORE	13132050	4	May 07, 2017	0.15	0.15	0.15	100.0%
18940601	360	698	BURNETT	13127750	5	May 06, 2017	0.64	0.64	0.64	100.0%
18940601	307	39	CHILLY	13121105	9	May 04, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 06, 2017	1.10	1.10	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 04, 2017	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 07, 2017	0.10	0.10	0.10	100.0%
18950601	445	410	NEILSEN	13120805	9	May 04, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 04, 2017	0.02	0.02	0.02	100.0%
18950630	265	1224	BURNETT	13127750	5	May 06, 2017	2.62	2.62	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 05, 2017	3.20	3.20	3.20	100.0%
18960601	417	381	MOORE	13132050	4	May 07, 2017	2.40	2.40	2.40	100.0%
18960601	417	992	MOORE	13132050	4	May 07, 2017	1.20	1.20	1.20	100.0%
18960601	463	128	MOORE	13132050	4	May 07, 2017	1.60	1.60	1.60	100.0%
18960601	459	993	MOORE	13132050	4	May 07, 2017	0.40	0.40	0.40	100.0%
18960601	2334	1495	MOORE	13132050	4	May 07, 2017	2.40	2.40	2.40	100.0%
18960601	263	397	MOORE	13132050	4	May 07, 2017	0.35	0.35	0.35	100.0%
18960601	96	461	MOORE	13132050	4	May 07, 2017	0.73	0.73	0.73	100.0%

18960601	96	457	MOORE	13132050	4	May 07, 2017	0.92	0.92	0.92	100.0%
18960601	263	399	MOORE	13132050	4	May 07, 2017	0.27	0.27	0.27	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 05, 2017	6.40	6.40	6.40	100.0%
18970510	47	92	DARLINGTON	13127735	5	May 06, 2017	4.84	4.84	2.03	41.9%
18970510	73	192	BURNETT	13127750	5	May 06, 2017	0.58	0.58	0.58	100.0%
18970510	73	191	BURNETT	13127750	5	May 06, 2017	0.92	0.92	0.92	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 04, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 06, 2017	0.22	0.22	0.22	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 05, 2017	2.40	2.40	2.40	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 05, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 05, 2017	0.50	0.50	0.50	100.0%
18990327	219	549	MOORE	13132050	4	May 07, 2017	0.29	0.29	0.29	100.0%
18990327	459	1477	MOORE	13132050	4	May 07, 2017	0.01	0.01	0.01	100.0%
18990327	459	1090	MOORE	13132050	4	May 07, 2017	0.60	0.60	0.60	100.0%
18990327	645	466	MOORE	13132050	4	May 07, 2017	0.07	0.07	0.07	100.0%
18990518	73	203	BURNETT	13127750	5	May 06, 2017	0.24	0.24	0.24	100.0%
18990601	201	705	SWAUGER	13127600	5	May 06, 2017	0.28	0.28	0.28	100.0%
18990601	307	72	NEILSEN	13120805	9	May 04, 2017	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 04, 2017	0.60	0.60	0.60	100.0%
19001101	310	833	CHILLY	13121105	9	May 04, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 05, 2017	1.24	1.24	1.24	100.0%
19010901	459	340	MOORE	13132050	4	May 07, 2017	0.23	0.23	0.23	100.0%
19011001	96	455	MOORE	13132050	4	May 07, 2017	0.37	0.37	0.37	100.0%
19011001	263	396	MOORE	13132050	4	May 07, 2017	0.14	0.14	0.14	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 05, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 04, 2017	0.80	0.80	0.80	100.0%
19020301	364	952	CHILLY	13121105	9	May 04, 2017	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	May 04, 2017	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 04, 2017	3.40	3.40	3.40	100.0%
19020301	310	836	CHILLY	13121105	9	May 04, 2017	0.80	0.80	0.80	100.0%
19020304	129	1062	CHILLY	13121105	9	May 04, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 04, 2017	0.80	0.80	0.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 07, 2017	2.06	2.06	2.06	100.0%
19020501	154	913	Freeman/Hill Pum	13124080	8	May 05, 2017	1.00	1.00	1.00	100.0%
19020501	310	631	CHILLY	13121105	9	May 04, 2017	1.60	1.60	1.60	100.0%
19020601	16	1014	MOORE	13132050	4	May 07, 2017	0.92	0.92	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 05, 2017	3.70	3.70	3.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 04, 2017	0.68	0.68	0.68	100.0%
19040517	16	1074	MOORE	13132050	4	May 07, 2017	1.46	1.46	1.46	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 06, 2017	0.32	0.32	0.32	100.0%
19041222	1	417	6X Ranch Navarre	13124357	8	May 05, 2017	0.03	0.03	0.03	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 05, 2017	1.57	1.57	1.57	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 04, 2017	0.82	0.82	0.82	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 04, 2017	3.00	3.00	3.00	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 04, 2017	0.20	0.20	0.20	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 04, 2017	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	May 04, 2017	1.30	1.30	1.30	100.0%
19050501	255	402	NEILSEN	13120805	9	May 04, 2017	0.50	0.50	0.50	100.0%
19050501	403	811	NEILSEN	13120805	9	May 04, 2017	0.30	0.30	0.30	100.0%
19050501	129	1063	CHILLY	13121105	9	May 04, 2017	0.80	0.80	0.80	100.0%
19050501	373	432	CHILLY	13121105	9	May 04, 2017	0.58	0.58	0.58	100.0%
19081207	459	344	MOORE	13132050	4	May 07, 2017	0.33	0.33	0.33	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 05, 2017	0.80	0.80	0.80	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 04, 2017	0.75	0.75	0.75	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 04, 2017	0.85	0.85	0.85	100.0%
19120830	255	400	NEILSEN	13120805	9	May 04, 2017	0.03	0.03	0.03	100.0%
19131224	373	25	CHILLY	13121105	9	May 04, 2017	1.60	1.60	1.60	100.0%
19150504	373	434	CHILLY	13121105	9	May 04, 2017	0.20	0.20	0.20	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 05, 2017	2.70	2.70	2.70	100.0%
19240806	417	695	MOORE	13132050	4	May 07, 2017	0.50	0.50	0.50	100.0%
19950203	476	1272	3IN1	13130605	4	May 07, 2017	30.00	30.00	30.00	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 04, 2017	10.61	10.61	10.61	100.0%
19950411	476	1273	CHILLY	13121105	9	May 04, 2017	13.00	13.00	13.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 05, 2017	10000.00	10000.00	612.74	6.1%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 4	763.0	0.0		763.0	0.00	763.0	0.0	0.0		763.0	0.0	
9	Howell to Chilly	May 5	889.0	104.8		230.8	0.00	993.8	101.0	3.9		892.9	-3.9	
8	Chilly to Reservoir	* May 6	767.7	37.7		-83.6	0.09	910.3	37.3	0.4		772.0	-4.3	
	Disconnected													
7	Mackay Reservoir	* May 6	650.2	0.0		767.7	0.00	875.8	728.9			146.8		
6	Reservoir to 2B	May 6	645.0	5.2		0.0	0.00	870.6	5.2	0.0		141.6	503.4	
5	2B to Leslie	May 7	599.0	111.0		65.0	0.00	816.3	54.3	56.7		87.3	511.7	
4	Leslie to Eastside In	May 8	489.3	152.8		43.1	0.00	728.9	87.3	65.5		0.0	489.3	
2a	Eastside In To Weirs	* May 8	366.4	0.0	0.0	-122.9	0.25	728.9	0.0	0.0		0.0	366.4	0.0
2b	Weirs To Eastside Out	* May 8	243.7	0.0	0.0	-122.7	0.33	728.9	0.0	0.0		0.0	243.7	0.0
2c	Eastside Out To Blw Muns	* May 8	238.7	5.0	0.0	0.0	0.00	728.9	0.0	5.0	0.0	0.0	238.7	0.0
1	Blw Munsey to Arco	May 8	96.8	0.0		-141.9	0.59	728.9	0.0	0.0		0.0	238.7	
3	River blw Moore Div	May 8	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	1014.1	131.5	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 4	0.0			20090101	7%	1	18800630	3.2	556.5	38.1
9	Howell to Chilly	May 5	0.0			20090101	7%	2	18810630	1.7	294.0	20.2
8	Chilly to Reservoir	May 6	-83.6			20090101	7%	3	18880601	3.2	556.5	38.1
	Disconnected							4	18960601	6.4	1113.0	76.2
7	Mackay Reservoir	May 6	0.0			20090101	7%	5	19020301	0.8	140.0	9.5
6	Reservoir to 2B	May 6	0.0	0.0		20090101	7%	6	19051002	Unlimited	20646.0	20646.0
5	2B to Leslie	May 7	0.0	0.0		20090101	7%	7	19160207	Unlimited	17205.0	17205.0
4	Leslie to Eastside In	May 8	0.0	0.0		20090101	7%	8	19590902	Unlimited	6000.0	6000.0
2a	Eastside In To Weirs	May 8	0.0	-122.9	0.0	20090101	7%	9	Add Vol	Unlimited	200000.0	33609.4
2b	Weirs To Eastside Out	May 8	0.0	-122.7	0.0	20090101	7%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 8	0.0	0.0	0.0	20090101	7%		TOTAL		296511.0	77642.5
1	Blw Munsey to Arco	May 8	0.0	-238.7	0.0	20090101	7%					
3	River blw Moore Div	May 8	0.0	0.0		20090101	7%					
	TOTAL		-83.6	-484.3	0.0							

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
16940.0	17160.0		220.0	110.9	6.5	146.8	127.2	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	8942.5
Total Storage Loss	-6990.3
Total Storage Deliver	-1181.2
Total Evaporation	-90.7
Accounting Balance	17160.4
Current Res Content	17160.0
Storage Balance Error	0.4

DAILY STORAGE BALANCE

16940.0 Reservoir Content Previous Day [ac-ft]
17160.0 Reservoir Content Current Day [ac-ft]
220.0 Physical Change in Storage [ac-ft]

1445.9 Storage Allocated to Mackay Reservoir [ac-ft]
-960.6 Stored Flow Losses [ac-ft]
0.0 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-484.3 Eastside [cfs]
0.0 River blw Moore [cfs]
-252.3 Storage Delivered [ac-ft]
0.0 Reservoir to 2B [cfs]
56.7 2B to Leslie [cfs]
65.5 Leslie to Moore [cfs]
5.0 Eastside to blw Munsey [cfs]
-13.0 Evaporation [ac-ft]
220.0 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

875.8 Natural Flow into Mackay Reservoir [cfs]

728.9 Reservoir Rights Diverted [cfs]
0.0 Natural Flow Losses below Reservoir [cfs]
0.0 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
0.0 Eastside as River [cfs]
146.8 Natural Flow Delivered [cfs]
5.2 Reservoir to 2B [cfs]
54.3 2B to Leslie [cfs]
87.3 Leslie to Moore [cfs]
0.0 Eastside to blw Munsey [cfs]
875.7 Natural Flow Delivered & Lost [cfs]

0.1 Balance [CFS]

Upper Eastside And Island Details										
	Inflow			Outflow				Calculations		
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	Flow Out
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	489.3			0.0	0.0	183.2	183.2	-122.9	25.1%	366.4
Natural Flow	0.0			0.0	0.0			0.0		0.0
Stored Flow	489.3			0.0	0.0			-122.9		366.4
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details									
	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	183.2	183.2		0.0	0.0	243.7	-122.7	33.5%	-245.6
Natural Flow				0.0	0.0	0.0	0.0		0.0
Stored Flow				0.0	0.0	243.7	-122.7		-245.6
Exchange Flow			0.0			0.0	0.0		

End of Reach Details				
	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350			13132390
Actual Flow	243.7		5.0	238.7
Natural Flow	0.0		0.0	0.0
Stored Flow	243.7		5.0	238.7
Exchange Flow	0.0		0.0	0.0

Eastside as the River and as a Diversion Calculations					
	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060			13132350
Actual Flow	0.0	489.3	0.0	366.4	243.7
Natural Flow	0.0	0.0	0.0	0.0	0.0
Stored Flow	0.0	489.3	0.0	366.4	243.7
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	0.0	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	5.2	0.0	9.9
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	2.6	0.0	0.0	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	9.0	3.3	40.4
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	0.0	0.0	0.0	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	11.0	0.0	11.7
9 Thalman Hunter D	3.0	3.0	6.0	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	54.0	18.2	333.7
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	37.0	35.2	295.3
9 NEILSEN	38.0	0.9	8.6	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	2.0	0.0	0.0	5 SUTTER	0.0	0.0	0.0
9 CHILLY	49.3	0.0	214.2	8 Broken River Dit	0.0	0.0	6.0	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	24.0	21.6	42.8
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	12.0	0.0	0.0	8 Freeman/Hill Pum	1.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.0	0.0	0.0	8 Johnson/Navarro	3.0	0.0	0.0	4 3IN1	34.8	2.9	76.9
8 Zollinger 1	6.8	0.4	1.6	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	94.0	40.9	311.1
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	0.0	0.0	0.0	2 EASTSIDE FHDiv	0.0	0.0	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	0.0	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	6.0	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	5.0	243.7	2843.7
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	0.0	0.0	0.0	2 MUNSEY	0.0	243.7	2843.7
8 Donahue 2	0.0	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.2	0.0	0.0	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	0.0	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	0.0	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 05, 2017	1.10	1.10	1.10	100.0%
18750601	483	12	LONGHURST	13121505	9	May 05, 2017	4.11	4.11	4.11	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 06, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 06, 2017	0.01	0.01	0.01	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 06, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 06, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 06, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 06, 2017	1.50	1.50	1.50	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 05, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 06, 2017	3.00	3.00	3.00	100.0%
18830601	645	464	MOORE	13132050	4	May 08, 2017	0.11	0.11	0.11	100.0%
18830601	2331	465	MOORE	13132050	4	May 08, 2017	0.79	0.79	0.79	100.0%
18830810	2332	1088	MOORE	13132050	4	May 08, 2017	1.50	1.50	1.50	100.0%
18830810	263	393	MOORE	13132050	4	May 08, 2017	0.18	0.18	0.18	100.0%
18830810	96	449	MOORE	13132050	4	May 08, 2017	0.48	0.48	0.48	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 07, 2017	0.68	0.68	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 08, 2017	1.64	1.64	1.64	100.0%
18840422	201	83	SWAUGER	13127600	5	May 07, 2017	1.12	1.12	1.12	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 07, 2017	0.96	0.96	0.96	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 07, 2017	0.55	0.55	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 07, 2017	1.63	1.63	1.63	100.0%
18840422	360	133	BURNETT	13127750	5	May 07, 2017	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	May 07, 2017	1.92	1.92	1.92	100.0%
18840422	632	1539	SHARP	13126500	6	May 06, 2017	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	May 06, 2017	0.64	0.64	0.64	100.0%
18840422	390	406	SHARP	13126500	6	May 06, 2017	0.09	0.09	0.09	100.0%
18840422	347	938	SHARP	13126500	6	May 06, 2017	4.00	4.00	4.00	100.0%
18840422	24	120	SHARP	13126500	6	May 06, 2017	0.06	0.06	0.06	100.0%
18840422	397	10	SHARP	13126500	6	May 06, 2017	0.12	0.12	0.12	100.0%
18840430	623	1519	BURNETT	13127750	5	May 07, 2017	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	May 07, 2017	1.60	1.60	1.60	100.0%
18840430	73	193	BURNETT	13127750	5	May 07, 2017	1.23	1.23	1.23	100.0%
18840430	73	194	BURNETT	13127750	5	May 07, 2017	0.77	0.77	0.77	100.0%
18840520	96	451	MOORE	13132050	4	May 08, 2017	0.58	0.58	0.58	100.0%
18840520	459	797	MOORE	13132050	4	May 08, 2017	1.20	1.20	1.20	100.0%
18840520	427	1	MOORE	13132050	4	May 08, 2017	1.12	1.12	1.12	100.0%
18840520	340	816	MOORE	13132050	4	May 08, 2017	0.36	0.36	0.36	100.0%
18840520	219	547	MOORE	13132050	4	May 08, 2017	1.15	1.15	1.15	100.0%
18840520	263	394	MOORE	13132050	4	May 08, 2017	0.22	0.22	0.22	100.0%
18840520	2332	752	MOORE	13132050	4	May 08, 2017	0.36	0.36	0.36	100.0%
18840520	2333	657	MOORE	13132050	4	May 08, 2017	1.07	1.07	1.07	100.0%
18840520	2332	753	MOORE	13132050	4	May 08, 2017	0.42	0.42	0.42	100.0%
18840520	2331	471	MOORE	13132050	4	May 08, 2017	2.14	2.14	2.14	100.0%
18840520	2331	463	MOORE	13132050	4	May 08, 2017	2.24	2.24	2.24	100.0%
18840520	645	462	MOORE	13132050	4	May 08, 2017	0.32	0.32	0.32	100.0%
18840520	2335	265	MOORE	13132050	4	May 08, 2017	0.92	0.92	0.92	100.0%
18840520	66	266	MOORE	13132050	4	May 08, 2017	0.02	0.02	0.02	100.0%
18840520	459	1478	MOORE	13132050	4	May 08, 2017	0.01	0.01	0.01	100.0%
18840531	338	122	DARLINGTON	13127735	5	May 07, 2017	0.50	0.50	0.50	100.0%
18840601	96	453	MOORE	13132050	4	May 08, 2017	0.21	0.21	0.21	100.0%
18840601	263	395	MOORE	13132050	4	May 08, 2017	0.08	0.08	0.08	100.0%
18840601	15	131	MOORE	13132050	4	May 08, 2017	0.37	0.37	0.37	100.0%
18840601	623	1493	BURNETT	13127750	5	May 07, 2017	0.20	0.20	0.20	100.0%
18840601	623	1505	BURNETT	13127750	5	May 07, 2017	0.40	0.40	0.40	100.0%
18840601	73	199	BURNETT	13127750	5	May 07, 2017	0.37	0.37	0.37	100.0%
18840601	73	200	BURNETT	13127750	5	May 07, 2017	0.23	0.23	0.23	100.0%
18840601	360	693	BURNETT	13127750	5	May 07, 2017	0.80	0.80	0.80	100.0%
18840601	623	1504	BURNETT	13127750	5	May 07, 2017	0.27	0.27	0.27	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 05, 2017	0.40	0.40	0.40	100.0%

18840601	403	1059	NEILSEN	13120805	9	May 05, 2017	0.80	0.80	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	May 08, 2017	0.80	0.80	0.80	100.0%
18840715	115	323	MOORE	13132050	4	May 08, 2017	0.80	0.80	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	May 08, 2017	1.20	1.20	1.20	100.0%
18840715	133	324	MOORE	13132050	4	May 08, 2017	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 08, 2017	1.20	1.20	1.20	100.0%
18840715	15	799	MOORE	13132050	4	May 08, 2017	0.43	0.43	0.43	100.0%
18840731	44	1132	MOORE	13132050	4	May 08, 2017	0.80	0.80	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	May 08, 2017	0.80	0.80	0.80	100.0%
18840914	360	68	BURNETT	13127750	5	May 07, 2017	0.80	0.80	0.80	100.0%
18840914	623	1494	BURNETT	13127750	5	May 07, 2017	0.40	0.40	0.40	100.0%
18841012	459	342	MOORE	13132050	4	May 08, 2017	0.58	0.58	0.58	100.0%
18841012	524	11	SWAUGER	13127600	5	May 07, 2017	2.78	2.78	2.78	100.0%
18841012	347	1141	SHARP	13126500	6	May 06, 2017	0.08	0.08	0.08	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 07, 2017	0.79	0.79	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 07, 2017	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 07, 2017	1.65	1.65	1.65	100.0%
18850501	255	401	NEILSEN	13120805	9	May 05, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 05, 2017	2.80	2.80	2.80	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 07, 2017	3.20	3.20	2.92	91.3%
18850601	525	1464	BURNETT	13127750	5	May 07, 2017	1.54	1.54	1.54	100.0%
18850601	405	1182	SHARP	13126500	6	May 06, 2017	0.04	0.04	0.04	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 05, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 07, 2017	3.08	3.08	3.08	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 06, 2017	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	May 08, 2017	0.87	0.87	0.87	100.0%
18860501	417	1050	MOORE	13132050	4	May 08, 2017	2.80	2.80	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 08, 2017	1.20	1.20	1.20	100.0%
18860512	263	398	MOORE	13132050	4	May 08, 2017	0.18	0.18	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 08, 2017	0.48	0.48	0.48	100.0%
18860601	16	1009	MOORE	13132050	4	May 08, 2017	2.52	2.52	2.52	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 06, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 06, 2017	0.80	0.80	0.80	100.0%
18860914	525	1472	BURNETT	13127750	5	May 07, 2017	2.31	2.31	2.31	100.0%
18870313	459	338	MOORE	13132050	4	May 08, 2017	0.42	0.42	0.42	100.0%
18870313	360	681	BURNETT	13127750	5	May 07, 2017	0.80	0.80	0.80	100.0%
18870313	73	201	BURNETT	13127750	5	May 07, 2017	1.05	1.05	1.05	100.0%
18870313	73	202	BURNETT	13127750	5	May 07, 2017	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 05, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 06, 2017	3.30	3.30	3.30	100.0%
18870601	305	1351	3IN1	13130605	4	May 08, 2017	1.00	1.00	1.00	100.0%
18870601	525	1471	BURNETT	13127750	5	May 07, 2017	1.37	1.37	1.37	100.0%
18870601	73	195	BURNETT	13127750	5	May 07, 2017	1.11	1.11	1.11	100.0%
18870601	73	196	BURNETT	13127750	5	May 07, 2017	0.69	0.69	0.69	100.0%
18870601	483	1270	CHILLY	13121105	9	May 05, 2017	0.51	0.51	0.51	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 05, 2017	1.90	1.90	1.90	100.0%
18870630	236	1428	BECK	13130525	4	May 08, 2017	0.76	0.76	0.76	100.0%
18870801	73	189	BURNETT	13127750	5	May 07, 2017	0.62	0.62	0.62	100.0%
18870801	623	1508	BURNETT	13127750	5	May 07, 2017	0.53	0.53	0.53	100.0%
18870801	73	190	BURNETT	13127750	5	May 07, 2017	0.38	0.38	0.38	100.0%
18870831	623	1507	BURNETT	13127750	5	May 07, 2017	1.20	1.20	1.20	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 07, 2017	0.98	0.98	0.98	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 06, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 05, 2017	0.25	0.25	0.25	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 05, 2017	0.95	0.95	0.95	100.0%
18890601	463	1396	MOORE	13132050	4	May 08, 2017	0.20	0.20	0.20	100.0%
18890601	623	1503	BURNETT	13127750	5	May 07, 2017	0.80	0.80	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	May 07, 2017	1.20	1.20	1.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 06, 2017	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 05, 2017	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 05, 2017	1.76	1.76	1.76	100.0%
18910630	2332	1255	MOORE	13132050	4	May 08, 2017	0.52	0.52	0.52	100.0%
18910630	2332	1254	MOORE	13132050	4	May 08, 2017	0.48	0.48	0.48	100.0%
18910630	44	1253	MOORE	13132050	4	May 08, 2017	0.80	0.80	0.80	100.0%

18910630	44	1003	MOORE	13132050	4	May 08, 2017	0.76	0.76	0.76	100.0%
18910801	307	77	CHILLY	13121105	9	May 05, 2017	5.20	5.20	5.20	100.0%
18930201	417	380	MOORE	13132050	4	May 08, 2017	0.22	0.22	0.22	100.0%
18940310	265	1223	BURNETT	13127750	5	May 07, 2017	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 07, 2017	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	May 05, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 06, 2017	2.00	2.00	2.00	100.0%
18940521	463	933	MOORE	13132050	4	May 08, 2017	0.80	0.80	0.80	100.0%
18940601	417	379	MOORE	13132050	4	May 08, 2017	0.15	0.15	0.15	100.0%
18940601	360	698	BURNETT	13127750	5	May 07, 2017	0.14	0.14	0.14	100.0%
18940601	390	408	SHARP	13126500	6	May 06, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 05, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 07, 2017	1.10	1.10	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 05, 2017	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 08, 2017	0.10	0.10	0.10	100.0%
18950601	445	411	NEILSEN	13120805	9	May 05, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 05, 2017	0.18	0.18	0.18	100.0%
18950630	265	1224	BURNETT	13127750	5	May 07, 2017	2.62	2.62	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 06, 2017	3.20	3.20	3.20	100.0%
18960601	417	992	MOORE	13132050	4	May 08, 2017	1.20	1.20	1.20	100.0%
18960601	459	993	MOORE	13132050	4	May 08, 2017	0.40	0.40	0.40	100.0%
18960601	2334	1495	MOORE	13132050	4	May 08, 2017	2.40	2.40	2.40	100.0%
18960601	263	397	MOORE	13132050	4	May 08, 2017	0.35	0.35	0.35	100.0%
18960601	263	399	MOORE	13132050	4	May 08, 2017	0.27	0.27	0.27	100.0%
18960601	96	457	MOORE	13132050	4	May 08, 2017	0.92	0.92	0.92	100.0%
18960601	417	381	MOORE	13132050	4	May 08, 2017	2.40	2.40	2.40	100.0%
18960601	96	461	MOORE	13132050	4	May 08, 2017	0.73	0.73	0.73	100.0%
18960601	463	128	MOORE	13132050	4	May 08, 2017	1.60	1.60	1.60	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 06, 2017	6.40	6.40	6.40	100.0%
18960801	405	1185	SHARP	13126500	6	May 06, 2017	0.06	0.06	0.04	66.7%
18970510	73	191	BURNETT	13127750	5	May 07, 2017	0.92	0.92	0.92	100.0%
18970510	73	192	BURNETT	13127750	5	May 07, 2017	0.16	0.16	0.16	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 05, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 07, 2017	0.22	0.22	0.22	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 06, 2017	2.40	2.40	2.40	100.0%
18980601	483	1274	CHILLY	13121105	9	May 05, 2017	0.51	0.51	0.51	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 05, 2017	1.90	1.90	1.90	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 06, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 06, 2017	0.50	0.50	0.50	100.0%
18990327	2331	467	MOORE	13132050	4	May 08, 2017	0.60	0.60	0.60	100.0%
18990327	219	549	MOORE	13132050	4	May 08, 2017	0.25	0.25	0.25	100.0%
18990327	2331	469	MOORE	13132050	4	May 08, 2017	0.51	0.51	0.51	100.0%
18990327	459	1477	MOORE	13132050	4	May 08, 2017	0.01	0.01	0.01	100.0%
18990327	645	466	MOORE	13132050	4	May 08, 2017	0.05	0.05	0.05	100.0%
18990327	459	1090	MOORE	13132050	4	May 08, 2017	0.60	0.60	0.60	100.0%
18990601	201	705	SWAUGER	13127600	5	May 07, 2017	0.28	0.28	0.28	100.0%
18990601	307	72	NEILSEN	13120805	9	May 05, 2017	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 05, 2017	0.60	0.60	0.60	100.0%
19001101	310	833	CHILLY	13121105	9	May 05, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 06, 2017	1.24	1.24	1.24	100.0%
19010901	459	340	MOORE	13132050	4	May 08, 2017	0.23	0.23	0.23	100.0%
19011001	263	396	MOORE	13132050	4	May 08, 2017	0.12	0.12	0.12	100.0%
19011001	96	455	MOORE	13132050	4	May 08, 2017	0.32	0.32	0.32	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 06, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 05, 2017	0.80	0.80	0.80	100.0%
19020301	364	952	CHILLY	13121105	9	May 05, 2017	3.20	3.20	3.20	100.0%
19020301	483	1500	CHILLY	13121105	9	May 05, 2017	0.84	0.84	0.84	100.0%
19020301	609	1492	CHILLY	13121105	9	May 05, 2017	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 05, 2017	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	May 05, 2017	0.80	0.80	0.80	100.0%
19020304	129	1062	CHILLY	13121105	9	May 05, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 05, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 05, 2017	3.16	3.16	3.16	100.0%
19020501	170	1008	MOORE	13132050	4	May 08, 2017	2.00	2.00	2.00	100.0%

19020501	154	913	Freeman/Hill Pum	13124080	8	May 06, 2017	1.00	1.00	1.00	100.0%
19020501	310	631	CHILLY	13121105	9	May 05, 2017	1.60	1.60	1.60	100.0%
19020601	16	1014	MOORE	13132050	4	May 08, 2017	0.92	0.92	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 06, 2017	3.70	3.70	3.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 05, 2017	0.68	0.68	0.68	100.0%
19040517	16	1074	MOORE	13132050	4	May 08, 2017	1.46	1.46	1.46	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 07, 2017	0.32	0.32	0.32	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 06, 2017	1.57	1.57	1.57	100.0%
19041222	1	417	6X Ranch Navarre	13124357	8	May 06, 2017	0.03	0.03	0.03	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 05, 2017	0.58	0.58	0.58	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 05, 2017	0.65	0.65	0.65	100.0%
19050501	255	402	NEILSEN	13120805	9	May 05, 2017	0.50	0.50	0.50	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 05, 2017	0.82	0.82	0.82	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 05, 2017	0.20	0.20	0.20	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 05, 2017	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	May 05, 2017	0.30	0.30	0.30	100.0%
19050501	130	74	NEILSEN	13120805	9	May 05, 2017	1.30	1.30	1.30	100.0%
19050501	129	1063	CHILLY	13121105	9	May 05, 2017	0.80	0.80	0.80	100.0%
19050501	373	432	CHILLY	13121105	9	May 05, 2017	0.58	0.58	0.58	100.0%
19081207	459	344	MOORE	13132050	4	May 08, 2017	0.33	0.33	0.33	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 06, 2017	0.80	0.80	0.80	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 05, 2017	0.75	0.75	0.75	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 05, 2017	0.85	0.85	0.85	100.0%
19120830	255	400	NEILSEN	13120805	9	May 05, 2017	0.03	0.03	0.03	100.0%
19131224	373	25	CHILLY	13121105	9	May 05, 2017	1.60	1.60	1.60	100.0%
19150504	373	434	CHILLY	13121105	9	May 05, 2017	0.20	0.20	0.20	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 06, 2017	2.70	2.70	2.70	100.0%
19240806	417	695	MOORE	13132050	4	May 08, 2017	0.50	0.50	0.50	100.0%
19950203	476	1272	3IN1	13130605	4	May 08, 2017	30.00	30.00	30.00	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 05, 2017	11.61	11.61	11.61	100.0%
19950411	476	1273	CHILLY	13121105	9	May 05, 2017	13.00	13.00	13.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 06, 2017	10000.00	10000.00	713.65	7.1%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 5	1140.0	4.8		1144.8	0.00	1144.8	4.8	0.0		1140.0	0.0	
9	Howell to Chilly	May 6	1495.0	104.8		459.8	0.00	1604.6	101.0	3.9		1498.9	-3.9	
8	Chilly to Reservoir	* May 7	1039.7	37.7		-417.5	0.28	1187.1	37.3	0.4		1044.0	-4.3	
	Disconnected													
7	Mackay Reservoir	* May 7	828.2	0.0		1039.7	0.00	1066.7	905.7			161.0		
6	Reservoir to 2B	May 7	820.0	8.2		0.0	0.00	1058.9	7.9	0.3		153.2	666.8	
5	2B to Leslie	May 8	751.0	96.0		27.0	0.00	1004.9	54.0	42.0		99.2	651.8	
4	Leslie to Eastside In	May 9	553.0	143.8		-54.2	0.07	905.7	92.0	51.8		0.0	553.0	
2a	Eastside In To Weirs	* May 9	455.0	0.0	0.0	-98.0	0.18	905.7	0.0	0.0		0.0	455.0	0.0
2b	Weirs To Eastside Out	* May 9	297.0	0.0	0.0	-158.0	0.35	905.7	0.0	0.0		0.0	297.0	0.0
2c	Eastside Out To Blw Muns	* May 9	292.0	5.0	0.0	0.0	0.00	905.7	0.0	5.0	0.0	0.0	292.0	0.0
1	Blw Munsey to Arco	May 9	142.0	0.0		-150.0	0.51	905.7	0.0	0.0		0.0	292.0	
3	River blw Moore Div	May 9	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
* - Indicates flow estimated, not measured							TOTAL		1202.7	103.4	0.0			

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 5	0.0		20090101	9%	1	18800630	3.2	556.5	44.4	
9	Howell to Chilly	May 6	0.0		20090101	9%	2	18810630	1.7	294.0	23.6	
8	Chilly to Reservoir	May 7	-417.5		20090101	9%	3	18880601	3.2	556.5	44.4	
	Disconnected						4	18960601	6.4	1113.0	88.9	
7	Mackay Reservoir	May 7	0.0		20090101	9%	5	19020301	0.8	140.0	11.1	
6	Reservoir to 2B	May 7	0.0	0.0	20090101	9%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 8	0.0	0.0	20090101	9%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 9	-7.2	-47.0	20090101	9%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 9	0.0	-98.0	0.0	20090101	9%	9	Add Vol	Unlimited	200000.0	35375.5
2b	Weirs To Eastside Out	May 9	0.0	-158.0	0.0	20090101	9%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 9	0.0	0.0	0.0	20090101	9%		TOTAL		296511.0	79438.9
1	Blw Munsey to Arco	May 9	0.0	-292.0	0.0	20090101	9%					
3	River blw Moore Div	May 9	0.0	0.0	20090101	9%						
TOTAL			-424.7	-595.0	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
17160.0	17570.0		410.0	206.7	4.8	153.9	99.1	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	10738.9
Total Storage Loss	-8170.4
Total Storage Deliver	-1377.7
Total Evaporation	-100.2
Accounting Balance	17570.5
Current Res Content	17570.0
Storage Balance Error	0.5

DAILY STORAGE BALANCE

17160.0 Reservoir Content Previous Day [ac-ft]
17570.0 Reservoir Content Current Day [ac-ft]
410.0 Physical Change in Storage [ac-ft]

1796.4 Storage Allocated to Mackay Reservoir [ac-ft]
-1180.2 Stored Flow Losses [ac-ft]
0.0 2B to Leslie [cfs]
-47.0 Leslie to Moore [cfs]
-548.0 Eastside [cfs]
0.0 River blw Moore [cfs]
-196.6 Storage Delivered [ac-ft]
0.3 Reservoir to 2B [cfs]
42.0 2B to Leslie [cfs]
51.8 Leslie to Moore [cfs]
5.0 Eastside to blw Munsey [cfs]
-9.5 Evaporation [ac-ft]
410.1 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1066.7 Natural Flow into Mackay Reservoir [cfs]

905.7 Reservoir Rights Diverted [cfs]
7.2 Natural Flow Losses below Reservoir [cfs]
0.0 2B to Leslie [cfs]
-7.2 Leslie to Moore [cfs]
0.0 Eastside as River [cfs]
153.9 Natural Flow Delivered [cfs]
7.9 Reservoir to 2B [cfs]
54.0 2B to Leslie [cfs]
92.0 Leslie to Moore [cfs]
0.0 Eastside to blw Munsey [cfs]
1066.8 Natural Flow Delivered & Lost [cfs]

-0.1 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	553.0			0.0	0.0	227.5	227.5	-98.0	17.7%	455.0
Natural Flow	0.0			0.0	0.0			0.0		0.0
Stored Flow	553.0			0.0	0.0			-98.0		455.0
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	227.5	227.5		0.0	0.0	297.0	-158.0	34.7%	-256.0
Natural Flow				0.0	0.0	0.0	0.0		0.0
Stored Flow				0.0	0.0	297.0	-158.0		-256.0
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	297.0	5.0	292.0	
Natural Flow	0.0	0.0	0.0	
Stored Flow	297.0	5.0	292.0	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	0.0	553.0	0.0	455.0	297.0
Natural Flow	0.0	0.0	0.0	0.0	0.0
Stored Flow	0.0	553.0	0.0	455.0	297.0
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	8.2	0.3	10.6
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	2.6	0.0	0.0	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	9.0	3.6	47.5
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	0.0	0.0	0.0	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	11.0	0.0	11.7
9 Thalman Hunter D	3.0	3.0	11.9	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	54.0	18.2	369.8
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	22.0	20.2	335.4
9 NEILSEN	38.0	0.9	10.4	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	2.0	0.0	0.0	5 SUTTER	0.0	0.0	0.0
9 CHILLY	49.3	0.0	214.2	8 Broken River Dit	0.0	0.0	6.0	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	11.0	6.1	55.0
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	12.0	0.0	0.0	8 Freeman/Hill Pum	1.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.0	0.0	0.0	8 Johnson/Navarro	3.0	0.0	0.0	4 3IN1	34.8	2.9	82.8
8 Zollinger 1	6.8	0.4	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	98.0	42.7	395.9
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	0.0	0.0	0.0	2 EASTSIDE FHDiv	0.0	0.0	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	0.0	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	6.0	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	5.0	297.0	3432.8
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	0.0	0.0	0.0	2 MUNSEY	0.0	297.0	3432.8
8 Donahue 2	0.0	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.2	0.0	0.0	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	0.0	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	0.0	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 06, 2017	1.10	1.10	1.10	100.0%
18750601	483	12	LONGHURST	13121505	9	May 06, 2017	4.11	4.11	4.11	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 07, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 07, 2017	0.01	0.01	0.01	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 07, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 07, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 07, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 07, 2017	1.50	1.50	1.50	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 06, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 07, 2017	3.00	3.00	3.00	100.0%
18830601	645	464	MOORE	13132050	4	May 09, 2017	0.11	0.12	0.11	100.0%
18830601	2331	465	MOORE	13132050	4	May 09, 2017	0.79	0.85	0.79	100.0%
18830810	96	449	MOORE	13132050	4	May 09, 2017	0.48	0.52	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	May 09, 2017	1.50	1.62	1.50	100.0%
18830810	263	393	MOORE	13132050	4	May 09, 2017	0.18	0.19	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 08, 2017	0.68	0.68	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 09, 2017	1.64	1.77	1.64	100.0%
18840422	201	83	SWAUGER	13127600	5	May 08, 2017	1.12	1.12	1.12	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 08, 2017	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 08, 2017	0.55	0.55	0.55	100.0%
18840422	360	133	BURNETT	13127750	5	May 08, 2017	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	May 08, 2017	1.92	1.92	1.92	100.0%
18840422	397	10	SHARP	13126500	6	May 07, 2017	0.12	0.12	0.12	100.0%
18840422	390	406	SHARP	13126500	6	May 07, 2017	0.09	0.09	0.09	100.0%
18840422	632	1539	SHARP	13126500	6	May 07, 2017	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	May 07, 2017	0.64	0.64	0.64	100.0%
18840422	24	120	SHARP	13126500	6	May 07, 2017	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	May 07, 2017	4.00	4.00	4.00	100.0%
18840430	73	194	BURNETT	13127750	5	May 08, 2017	0.77	0.77	0.77	100.0%
18840430	73	193	BURNETT	13127750	5	May 08, 2017	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	May 08, 2017	1.60	1.60	1.60	100.0%
18840430	623	1519	BURNETT	13127750	5	May 08, 2017	0.40	0.40	0.40	100.0%
18840520	459	1478	MOORE	13132050	4	May 09, 2017	0.01	0.01	0.01	100.0%
18840520	219	547	MOORE	13132050	4	May 09, 2017	1.15	1.24	1.15	100.0%
18840520	427	1	MOORE	13132050	4	May 09, 2017	1.12	1.21	1.12	100.0%
18840520	340	816	MOORE	13132050	4	May 09, 2017	0.36	0.39	0.36	100.0%
18840520	263	394	MOORE	13132050	4	May 09, 2017	0.22	0.24	0.22	100.0%
18840520	459	797	MOORE	13132050	4	May 09, 2017	1.20	1.29	1.20	100.0%
18840520	96	451	MOORE	13132050	4	May 09, 2017	0.58	0.63	0.58	100.0%
18840520	66	266	MOORE	13132050	4	May 09, 2017	0.02	0.02	0.02	100.0%
18840520	645	462	MOORE	13132050	4	May 09, 2017	0.32	0.34	0.32	100.0%
18840520	2331	471	MOORE	13132050	4	May 09, 2017	2.14	2.31	2.14	100.0%
18840520	2332	752	MOORE	13132050	4	May 09, 2017	0.36	0.39	0.36	100.0%
18840520	2331	463	MOORE	13132050	4	May 09, 2017	2.24	2.41	2.24	100.0%
18840520	2332	753	MOORE	13132050	4	May 09, 2017	0.42	0.45	0.42	100.0%
18840520	2333	657	MOORE	13132050	4	May 09, 2017	1.07	1.15	1.07	100.0%
18840520	2335	265	MOORE	13132050	4	May 09, 2017	0.92	0.99	0.92	100.0%
18840531	338	122	DARLINGTON	13127735	5	May 08, 2017	0.64	0.64	0.64	100.0%
18840601	263	395	MOORE	13132050	4	May 09, 2017	0.08	0.09	0.08	100.0%
18840601	15	131	MOORE	13132050	4	May 09, 2017	0.37	0.40	0.37	100.0%
18840601	96	453	MOORE	13132050	4	May 09, 2017	0.21	0.23	0.21	100.0%
18840601	360	693	BURNETT	13127750	5	May 08, 2017	0.80	0.80	0.80	100.0%
18840601	623	1505	BURNETT	13127750	5	May 08, 2017	0.40	0.40	0.40	100.0%
18840601	623	1504	BURNETT	13127750	5	May 08, 2017	0.27	0.27	0.27	100.0%
18840601	623	1493	BURNETT	13127750	5	May 08, 2017	0.20	0.20	0.20	100.0%
18840601	73	199	BURNETT	13127750	5	May 08, 2017	0.37	0.37	0.37	100.0%
18840601	73	200	BURNETT	13127750	5	May 08, 2017	0.23	0.23	0.23	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 06, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 06, 2017	0.40	0.40	0.40	100.0%

18840715	133	324	MOORE	13132050	4	May 09, 2017	0.80	0.86	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	May 09, 2017	0.80	0.86	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	May 09, 2017	1.20	1.29	1.20	100.0%
18840715	417	1194	MOORE	13132050	4	May 09, 2017	1.20	1.29	1.20	100.0%
18840715	15	799	MOORE	13132050	4	May 09, 2017	0.43	0.47	0.43	100.0%
18840715	115	323	MOORE	13132050	4	May 09, 2017	0.80	0.86	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	May 09, 2017	0.80	0.86	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	May 09, 2017	0.80	0.86	0.80	100.0%
18840914	360	68	BURNETT	13127750	5	May 08, 2017	0.80	0.80	0.80	100.0%
18840914	623	1494	BURNETT	13127750	5	May 08, 2017	0.40	0.40	0.40	100.0%
18841012	205	557	BECK	13130525	4	May 09, 2017	1.76	1.90	1.76	100.0%
18841012	70	341	MOORE	13132050	4	May 09, 2017	0.31	0.33	0.31	100.0%
18841012	459	342	MOORE	13132050	4	May 09, 2017	0.58	0.63	0.58	100.0%
18841012	524	11	SWAUGER	13127600	5	May 08, 2017	2.78	2.78	2.78	100.0%
18841012	347	1141	SHARP	13126500	6	May 07, 2017	1.06	1.06	1.06	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 08, 2017	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 08, 2017	2.00	2.00	2.00	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 06, 2017	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	May 06, 2017	0.50	0.50	0.50	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 08, 2017	3.20	3.20	3.20	100.0%
18850601	205	554	BECK	13130525	4	May 09, 2017	0.59	0.64	0.59	100.0%
18850601	20	949	DARLINGTON	13127735	5	May 08, 2017	0.40	0.40	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	May 08, 2017	1.54	1.54	1.54	100.0%
18850601	405	1182	SHARP	13126500	6	May 07, 2017	0.04	0.04	0.04	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 06, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 08, 2017	3.08	3.08	3.08	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 07, 2017	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	May 09, 2017	0.87	0.93	0.87	100.0%
18860501	417	644	MOORE	13132050	4	May 09, 2017	1.20	1.29	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 09, 2017	2.80	3.02	2.80	100.0%
18860512	263	398	MOORE	13132050	4	May 09, 2017	0.18	0.19	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 09, 2017	0.48	0.52	0.48	100.0%
18860601	16	1009	MOORE	13132050	4	May 09, 2017	2.52	2.72	2.52	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 07, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 07, 2017	0.80	0.80	0.80	100.0%
18860914	525	1472	BURNETT	13127750	5	May 08, 2017	2.31	2.31	2.31	100.0%
18870313	70	337	MOORE	13132050	4	May 09, 2017	0.23	0.25	0.23	100.0%
18870313	459	338	MOORE	13132050	4	May 09, 2017	0.42	0.45	0.42	100.0%
18870313	73	202	BURNETT	13127750	5	May 08, 2017	0.65	0.65	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	May 08, 2017	0.80	0.80	0.80	100.0%
18870313	73	201	BURNETT	13127750	5	May 08, 2017	1.05	1.05	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 06, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 07, 2017	3.30	3.30	3.30	100.0%
18870601	305	1351	3IN1	13130605	4	May 09, 2017	1.00	1.08	1.00	100.0%
18870601	525	1471	BURNETT	13127750	5	May 08, 2017	1.37	1.37	1.37	100.0%
18870601	73	195	BURNETT	13127750	5	May 08, 2017	1.11	1.11	1.11	100.0%
18870601	73	196	BURNETT	13127750	5	May 08, 2017	0.69	0.69	0.69	100.0%
18870601	483	1270	CHILLY	13121105	9	May 06, 2017	0.51	0.51	0.51	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 06, 2017	1.90	1.90	1.90	100.0%
18870630	236	1428	BECK	13130525	4	May 09, 2017	0.80	0.86	0.80	100.0%
18870801	73	189	BURNETT	13127750	5	May 08, 2017	0.62	0.62	0.62	100.0%
18870801	73	190	BURNETT	13127750	5	May 08, 2017	0.38	0.38	0.38	100.0%
18870801	623	1508	BURNETT	13127750	5	May 08, 2017	0.53	0.53	0.53	100.0%
18870831	623	1507	BURNETT	13127750	5	May 08, 2017	1.20	1.20	1.20	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 08, 2017	0.98	0.98	0.98	100.0%
18880601	347	1138	SHARP	13126500	6	May 07, 2017	1.60	1.60	1.60	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 07, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 06, 2017	0.25	0.25	0.25	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 06, 2017	0.95	0.95	0.95	100.0%
18880601	629	1497	HOWELL	13120490	10	May 05, 2017	1.60	1.60	1.60	100.0%
18890601	463	1396	MOORE	13132050	4	May 09, 2017	0.20	0.22	0.20	100.0%
18890601	652	1566	MOORE	13132050	4	May 09, 2017	0.50	0.54	0.50	100.0%
18890601	599	1552	MOORE	13132050	4	May 09, 2017	0.32	0.34	0.32	100.0%
18890601	475	969	BURNETT	13127750	5	May 08, 2017	1.20	1.20	1.20	100.0%

18890601	623	1503	BURNETT	13127750	5	May 08, 2017	0.80	0.80	0.80	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 07, 2017	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 06, 2017	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 06, 2017	1.76	1.76	1.76	100.0%
18910630	205	555	BECK	13130525	4	May 09, 2017	0.09	0.10	0.09	100.0%
18910630	44	1253	MOORE	13132050	4	May 09, 2017	0.80	0.86	0.80	100.0%
18910630	44	1003	MOORE	13132050	4	May 09, 2017	0.76	0.82	0.76	100.0%
18910630	2332	1254	MOORE	13132050	4	May 09, 2017	0.48	0.52	0.48	100.0%
18910630	2332	1255	MOORE	13132050	4	May 09, 2017	0.52	0.56	0.52	100.0%
18910801	307	77	CHILLY	13121105	9	May 06, 2017	5.20	5.20	5.20	100.0%
18930201	417	380	MOORE	13132050	4	May 09, 2017	0.22	0.24	0.22	100.0%
18940310	475	989	BURNETT	13127750	5	May 08, 2017	0.44	0.44	0.44	100.0%
18940310	265	1223	BURNETT	13127750	5	May 08, 2017	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	May 06, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 07, 2017	2.00	2.00	2.00	100.0%
18940521	463	933	MOORE	13132050	4	May 09, 2017	0.80	0.86	0.80	100.0%
18940601	417	379	MOORE	13132050	4	May 09, 2017	0.15	0.16	0.15	100.0%
18940601	360	698	BURNETT	13127750	5	May 08, 2017	0.14	0.14	0.14	100.0%
18940601	390	408	SHARP	13126500	6	May 07, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 06, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 08, 2017	1.10	1.10	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 06, 2017	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 09, 2017	0.10	0.11	0.10	100.0%
18950601	445	410	NEILSEN	13120805	9	May 06, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 06, 2017	0.02	0.02	0.02	100.0%
18950630	265	1224	BURNETT	13127750	5	May 08, 2017	2.62	2.62	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 07, 2017	3.20	3.20	3.20	100.0%
18960601	459	993	MOORE	13132050	4	May 09, 2017	0.40	0.43	0.40	100.0%
18960601	417	381	MOORE	13132050	4	May 09, 2017	2.40	2.59	2.40	100.0%
18960601	2334	1495	MOORE	13132050	4	May 09, 2017	2.40	2.59	2.40	100.0%
18960601	417	992	MOORE	13132050	4	May 09, 2017	1.20	1.29	1.20	100.0%
18960601	263	397	MOORE	13132050	4	May 09, 2017	0.35	0.38	0.35	100.0%
18960601	263	399	MOORE	13132050	4	May 09, 2017	0.27	0.29	0.27	100.0%
18960601	652	1567	MOORE	13132050	4	May 09, 2017	0.58	0.63	0.58	100.0%
18960601	96	457	MOORE	13132050	4	May 09, 2017	0.92	0.99	0.92	100.0%
18960601	96	461	MOORE	13132050	4	May 09, 2017	0.73	0.79	0.73	100.0%
18960601	463	128	MOORE	13132050	4	May 09, 2017	1.60	1.72	1.60	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 07, 2017	6.40	6.40	6.40	100.0%
18960801	405	1185	SHARP	13126500	6	May 07, 2017	0.06	0.06	0.06	100.0%
18970510	47	667	DARLINGTON	13127735	5	May 08, 2017	1.28	1.28	0.93	72.7%
18970510	73	192	BURNETT	13127750	5	May 08, 2017	0.16	0.16	0.16	100.0%
18970510	73	191	BURNETT	13127750	5	May 08, 2017	0.92	0.92	0.92	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 06, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 08, 2017	0.22	0.22	0.22	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 07, 2017	2.40	2.40	2.40	100.0%
18980601	483	1274	CHILLY	13121105	9	May 06, 2017	0.51	0.51	0.51	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 06, 2017	1.90	1.90	1.90	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 07, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 07, 2017	0.50	0.50	0.50	100.0%
18990327	459	1477	MOORE	13132050	4	May 09, 2017	0.01	0.01	0.01	100.0%
18990327	2331	467	MOORE	13132050	4	May 09, 2017	0.60	0.65	0.60	100.0%
18990327	459	1090	MOORE	13132050	4	May 09, 2017	0.60	0.65	0.60	100.0%
18990327	2331	469	MOORE	13132050	4	May 09, 2017	0.51	0.55	0.51	100.0%
18990327	219	549	MOORE	13132050	4	May 09, 2017	0.25	0.27	0.25	100.0%
18990327	645	466	MOORE	13132050	4	May 09, 2017	0.05	0.05	0.05	100.0%
18990601	201	705	SWAUGER	13127600	5	May 08, 2017	0.28	0.28	0.28	100.0%
18990601	307	72	NEILSEN	13120805	9	May 06, 2017	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 06, 2017	0.60	0.60	0.60	100.0%
19001101	310	833	CHILLY	13121105	9	May 06, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 07, 2017	1.24	1.24	1.24	100.0%
19010901	70	339	MOORE	13132050	4	May 09, 2017	0.12	0.13	0.12	100.0%
19010901	459	340	MOORE	13132050	4	May 09, 2017	0.23	0.25	0.23	100.0%
19011001	96	455	MOORE	13132050	4	May 09, 2017	0.32	0.34	0.32	100.0%
19011001	263	396	MOORE	13132050	4	May 09, 2017	0.12	0.13	0.12	100.0%

19020301	56	1338	MACKAY DAM	13126000	7	May 07, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 06, 2017	0.80	0.80	0.80	100.0%
19020301	483	1500	CHILLY	13121105	9	May 06, 2017	0.84	0.84	0.84	100.0%
19020301	364	952	CHILLY	13121105	9	May 06, 2017	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	May 06, 2017	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	May 06, 2017	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 06, 2017	3.40	3.40	3.40	100.0%
19020304	129	1062	CHILLY	13121105	9	May 06, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 06, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 06, 2017	3.16	3.16	3.16	100.0%
19020501	170	1008	MOORE	13132050	4	May 09, 2017	2.00	2.16	2.00	100.0%
19020501	154	913	Freeman/Hill Pum	13124080	8	May 07, 2017	1.00	1.00	1.00	100.0%
19020501	310	631	CHILLY	13121105	9	May 06, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 05, 2017	0.62	0.62	0.62	100.0%
19020601	16	1014	MOORE	13132050	4	May 09, 2017	0.92	0.99	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 07, 2017	3.70	3.70	3.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 06, 2017	0.68	0.68	0.68	100.0%
19040517	16	1074	MOORE	13132050	4	May 09, 2017	1.46	1.57	1.46	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 08, 2017	0.02	0.02	0.02	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 07, 2017	1.57	1.57	1.57	100.0%
19041222	1	417	6X Ranch Navarre	13124357	8	May 07, 2017	0.03	0.03	0.03	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 06, 2017	0.58	0.58	0.58	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 06, 2017	3.00	3.00	3.00	100.0%
19050501	255	402	NEILSEN	13120805	9	May 06, 2017	0.50	0.50	0.50	100.0%
19050501	130	74	NEILSEN	13120805	9	May 06, 2017	1.30	1.30	1.30	100.0%
19050501	403	811	NEILSEN	13120805	9	May 06, 2017	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 06, 2017	0.20	0.20	0.20	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 06, 2017	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 06, 2017	0.65	0.65	0.65	100.0%
19050501	129	1063	CHILLY	13121105	9	May 06, 2017	0.80	0.80	0.80	100.0%
19050501	373	432	CHILLY	13121105	9	May 06, 2017	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	May 05, 2017	2.58	2.58	2.58	100.0%
19081207	459	344	MOORE	13132050	4	May 09, 2017	0.33	0.36	0.33	100.0%
19081207	70	343	MOORE	13132050	4	May 09, 2017	0.17	0.18	0.17	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 07, 2017	0.80	0.80	0.80	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 06, 2017	0.75	0.75	0.75	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 06, 2017	0.85	0.85	0.85	100.0%
19120830	255	400	NEILSEN	13120805	9	May 06, 2017	0.03	0.03	0.03	100.0%
19131224	373	25	CHILLY	13121105	9	May 06, 2017	1.60	1.60	1.60	100.0%
19150504	373	434	CHILLY	13121105	9	May 06, 2017	0.20	0.20	0.20	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 07, 2017	2.70	2.70	2.70	100.0%
19240806	417	695	MOORE	13132050	4	May 09, 2017	0.50	0.54	0.50	100.0%
19950203	476	1272	3IN1	13130605	4	May 09, 2017	30.00	32.33	30.00	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 06, 2017	11.61	11.61	11.61	100.0%
19950411	476	1273	CHILLY	13121105	9	May 06, 2017	13.00	13.00	13.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 07, 2017	10000.00	10000.00	890.38	8.9%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 6	1810.0	4.8		1814.8	0.00	1814.8	4.8	0.0		1810.0	0.0	
9	Howell to Chilly	May 7	1909.0	104.8		203.8	0.00	2018.6	101.0	3.9		1912.9	-3.9	
8	Chilly to Reservoir	* May 8	1498.6	67.4		-343.0	0.18	1675.6	62.1	5.4		1507.8	-9.3	
	Disconnected													
7	Mackay Reservoir	* May 8	979.2	0.0		1498.6	0.00	1561.6	1354.8			206.8		
6	Reservoir to 2B	May 8	971.0	8.2		0.0	0.00	1553.4	8.2	0.0		198.6	772.4	
5	2B to Leslie	May 9	920.0	114.0		63.0	0.00	1481.7	71.7	42.3		126.9	793.1	
4	Leslie to Eastside In	May 10	618.6	179.8		-121.6	0.13	1354.8	110.1	69.7		0.0	618.6	
2a	Eastside In To Weirs	* May 10	483.4	0.0	0.0	-135.2	0.22	1354.8	0.0	0.0		0.0	483.4	0.0
2b	Weirs To Eastside Out	* May 10	348.3	0.0	0.0	-135.1	0.28	1354.8	0.0	0.0		0.0	348.3	0.0
2c	Eastside Out To Blw Muns	* May 10	343.3	5.0	0.0	0.0	0.00	1354.8	0.0	5.0	0.0	0.0	343.3	0.0
1	Blw Munsey to Arco	May 10	178.0	0.0		-165.3	0.48	1354.8	0.0	0.0		0.0	343.3	
3	River blw Moore Div	May 10	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	1712.6	126.3	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 6	0.0			20090101	13%	1	18800630	3.2	556.5	50.8
9	Howell to Chilly	May 7	0.0			20090101	13%	2	18810630	1.7	294.0	27.0
8	Chilly to Reservoir	May 8	-343.0			20090101	13%	3	18880601	3.2	556.5	50.8
	Disconnected							4	18960601	6.4	1113.0	101.6
7	Mackay Reservoir	May 8	0.0			20090101	13%	5	19020301	0.8	140.0	12.7
6	Reservoir to 2B	May 8	0.0	0.0		20090101	13%	6	19051002	Unlimited	20646.0	20646.0
5	2B to Leslie	May 9	0.0	0.0		20090101	13%	7	19160207	Unlimited	17205.0	17205.0
4	Leslie to Eastside In	May 10	-16.8	-104.8		20090101	13%	8	19590902	Unlimited	6000.0	6000.0
2a	Eastside In To Weirs	May 10	0.0	-135.2	0.0	20090101	13%	9	Add Vol	Unlimited	200000.0	38032.3
2b	Weirs To Eastside Out	May 10	0.0	-135.1	0.0	20090101	13%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 10	0.0	0.0	0.0	20090101	13%		TOTAL		296511.0	82126.1
1	Blw Munsey to Arco	May 10	0.0	-343.3	0.0	20090101	13%					
3	River blw Moore Div	May 10	0.0	0.0		20090101	13%					
	TOTAL		-359.8	-718.4	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
17570.0	18590.0		1020.0	514.2	5.1	190.0	117.0	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	13426.1
Total Storage Loss	-9595.4
Total Storage Deliver	-1609.8
Total Evaporation	-110.4
Accounting Balance	18590.5
Current Res Content	18590.0
Storage Balance Error	0.5

DAILY STORAGE BALANCE

17570.0 Reservoir Content Previous Day [ac-ft]
18590.0 Reservoir Content Current Day [ac-ft]
1020.0 Physical Change in Storage [ac-ft]

2687.2 Storage Allocated to Mackay Reservoir [ac-ft]
-1424.9 Stored Flow Losses [ac-ft]
0.0 2B to Leslie [cfs]
-104.8 Leslie to Moore [cfs]
-613.6 Eastside [cfs]
0.0 River blw Moore [cfs]
-232.1 Storage Delivered [ac-ft]
0.0 Reservoir to 2B [cfs]
42.3 2B to Leslie [cfs]
69.7 Leslie to Moore [cfs]
5.0 Eastside to blw Munsey [cfs]
-10.1 Evaporation [ac-ft]
1020.1 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1561.6 Natural Flow into Mackay Reservoir [cfs]

1354.8 Reservoir Rights Diverted [cfs]
16.8 Natural Flow Losses below Reservoir [cfs]
0.0 2B to Leslie [cfs]
-16.8 Leslie to Moore [cfs]
0.0 Eastside as River [cfs]
190.0 Natural Flow Delivered [cfs]
8.2 Reservoir to 2B [cfs]
71.7 2B to Leslie [cfs]
110.1 Leslie to Moore [cfs]
0.0 Eastside to blw Munsey [cfs]
1561.6 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	618.6			0.0	0.0	241.7	241.7	-135.2	21.9%	483.4
Natural Flow	0.0			0.0	0.0			0.0		0.0
Stored Flow	618.6			0.0	0.0			-135.2		483.4
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		Eastside River Loss
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	241.7	241.7		0.0	0.0	348.3	-135.1	27.9%	-270.3
Natural Flow				0.0	0.0	0.0	0.0		0.0
Stored Flow				0.0	0.0	348.3	-135.1		-270.3
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow	Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey
Gage #	13132350		13132390
Actual Flow	348.3	5.0	343.3
Natural Flow	0.0	0.0	0.0
Stored Flow	348.3	5.0	343.3
Exchange Flow	0.0	0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	0.0	618.6	0.0	483.4	348.3
Natural Flow	0.0	0.0	0.0	0.0	0.0
Stored Flow	0.0	618.6	0.0	483.4	348.3
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	8.2	0.0	10.6
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	2.6	0.0	0.0	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	21.0	5.4	58.2
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	0.0	0.0	0.0	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	11.0	0.0	11.7
9 Thalman Hunter D	3.0	3.0	17.9	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	56.0	12.7	394.9
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	383.5
9 NEILSEN	38.0	0.9	12.1	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	0.0	0.0	5 SUTTER	0.0	0.0	0.0
9 CHILLY	49.3	0.0	214.2	8 Broken River Dit	1.5	1.5	8.9	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	15.0	10.1	75.1
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	12.0	0.0	0.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.5	0.3	0.6	4 3IN1	34.8	2.9	88.6
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	2.2	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	130.0	56.6	508.2
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	0.0	0.0	0.0	2 EASTSIDE FHDiv	0.0	0.0	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	5.0	348.3	4123.7
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	0.0	0.0	0.0	2 MUNSEY	0.0	348.3	4123.7
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.4	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.2	3.6	7.1	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 07, 2017	1.10	1.10	1.10	100.0%
18750601	483	12	LONGHURST	13121505	9	May 07, 2017	4.11	4.11	4.11	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 08, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 08, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 08, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 08, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 08, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 07, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 08, 2017	3.00	3.00	3.00	100.0%
18830601	645	464	MOORE	13132050	4	May 10, 2017	0.11	0.13	0.11	100.0%
18830601	106	1082	MOORE	13132050	4	May 10, 2017	1.52	1.75	1.52	100.0%
18830601	2331	465	MOORE	13132050	4	May 10, 2017	0.79	0.91	0.79	100.0%
18830810	2332	1088	MOORE	13132050	4	May 10, 2017	1.50	1.73	1.50	100.0%
18830810	85	1583	MOORE	13132050	4	May 10, 2017	0.18	0.21	0.18	100.0%
18830810	263	393	MOORE	13132050	4	May 10, 2017	0.18	0.21	0.18	100.0%
18830810	96	449	MOORE	13132050	4	May 10, 2017	0.48	0.55	0.48	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 09, 2017	0.68	0.68	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 10, 2017	1.64	1.89	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	May 10, 2017	0.14	0.16	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 09, 2017	0.07	0.07	0.07	100.0%
18840422	201	83	SWAUGER	13127600	5	May 09, 2017	1.12	1.12	1.12	100.0%
18840422	585	951	SWAUGER	13127600	5	May 09, 2017	0.18	0.18	0.18	100.0%
18840422	347	938	SWAUGER	13127600	5	May 09, 2017	0.85	0.85	0.85	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 09, 2017	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 09, 2017	0.55	0.55	0.55	100.0%
18840422	360	133	BURNETT	13127750	5	May 09, 2017	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	May 09, 2017	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	May 09, 2017	0.50	0.50	0.50	100.0%
18840422	347	938	SHARP	13126500	6	May 08, 2017	4.00	4.00	4.00	100.0%
18840422	544	1067	SHARP	13126500	6	May 08, 2017	0.96	0.96	0.96	100.0%
18840422	632	1539	SHARP	13126500	6	May 08, 2017	0.10	0.10	0.10	100.0%
18840422	24	120	SHARP	13126500	6	May 08, 2017	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	May 08, 2017	0.62	0.62	0.62	100.0%
18840422	390	406	SHARP	13126500	6	May 08, 2017	0.09	0.09	0.09	100.0%
18840422	397	10	SHARP	13126500	6	May 08, 2017	0.10	0.10	0.10	100.0%
18840430	360	67	BURNETT	13127750	5	May 09, 2017	1.60	1.60	1.60	100.0%
18840430	623	1519	BURNETT	13127750	5	May 09, 2017	0.40	0.40	0.40	100.0%
18840430	73	193	BURNETT	13127750	5	May 09, 2017	1.23	1.23	1.23	100.0%
18840430	73	194	BURNETT	13127750	5	May 09, 2017	0.77	0.77	0.77	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 08, 2017	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 08, 2017	1.80	1.80	1.80	100.0%
18840520	219	547	MOORE	13132050	4	May 10, 2017	1.15	1.33	1.15	100.0%
18840520	96	451	MOORE	13132050	4	May 10, 2017	0.58	0.67	0.58	100.0%
18840520	263	394	MOORE	13132050	4	May 10, 2017	0.22	0.25	0.22	100.0%
18840520	340	816	MOORE	13132050	4	May 10, 2017	0.34	0.39	0.34	100.0%
18840520	2332	752	MOORE	13132050	4	May 10, 2017	0.36	0.41	0.36	100.0%
18840520	66	266	MOORE	13132050	4	May 10, 2017	0.02	0.02	0.02	100.0%
18840520	2331	471	MOORE	13132050	4	May 10, 2017	2.14	2.47	2.14	100.0%
18840520	459	1478	MOORE	13132050	4	May 10, 2017	0.01	0.01	0.01	100.0%
18840520	459	797	MOORE	13132050	4	May 10, 2017	1.20	1.38	1.20	100.0%
18840520	2331	463	MOORE	13132050	4	May 10, 2017	2.24	2.58	2.24	100.0%
18840520	433	271	MOORE	13132050	4	May 10, 2017	0.54	0.62	0.54	100.0%
18840520	2332	753	MOORE	13132050	4	May 10, 2017	0.42	0.48	0.42	100.0%
18840520	427	1	MOORE	13132050	4	May 10, 2017	1.04	1.20	1.04	100.0%
18840520	2333	657	MOORE	13132050	4	May 10, 2017	1.00	1.15	1.00	100.0%
18840520	85	1584	MOORE	13132050	4	May 10, 2017	0.22	0.25	0.22	100.0%
18840520	2335	265	MOORE	13132050	4	May 10, 2017	0.84	0.97	0.84	100.0%
18840520	645	462	MOORE	13132050	4	May 10, 2017	0.32	0.37	0.32	100.0%
18840531	338	122	DARLINGTON	13127735	5	May 09, 2017	0.64	0.64	0.64	100.0%

18840601	96	453	MOORE	13132050	4	May 10, 2017	0.21	0.24	0.21	100.0%
18840601	85	1545	MOORE	13132050	4	May 10, 2017	0.54	0.62	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	May 10, 2017	0.08	0.09	0.08	100.0%
18840601	263	395	MOORE	13132050	4	May 10, 2017	0.08	0.09	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	May 10, 2017	0.09	0.10	0.09	100.0%
18840601	15	131	MOORE	13132050	4	May 10, 2017	0.37	0.42	0.37	100.0%
18840601	623	1493	BURNETT	13127750	5	May 09, 2017	0.20	0.20	0.20	100.0%
18840601	73	200	BURNETT	13127750	5	May 09, 2017	0.23	0.23	0.23	100.0%
18840601	360	693	BURNETT	13127750	5	May 09, 2017	0.80	0.80	0.80	100.0%
18840601	623	1504	BURNETT	13127750	5	May 09, 2017	0.27	0.27	0.27	100.0%
18840601	623	1505	BURNETT	13127750	5	May 09, 2017	0.40	0.40	0.40	100.0%
18840601	73	199	BURNETT	13127750	5	May 09, 2017	0.37	0.37	0.37	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 08, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 07, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 07, 2017	0.40	0.40	0.40	100.0%
18840715	459	1195	MOORE	13132050	4	May 10, 2017	1.20	1.38	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	May 10, 2017	0.80	0.92	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 10, 2017	1.20	1.38	1.20	100.0%
18840715	15	799	MOORE	13132050	4	May 10, 2017	0.80	0.92	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 10, 2017	0.74	0.85	0.74	100.0%
18840715	115	323	MOORE	13132050	4	May 10, 2017	0.74	0.85	0.74	100.0%
18840731	44	1132	MOORE	13132050	4	May 10, 2017	0.80	0.92	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	May 10, 2017	0.80	0.92	0.80	100.0%
18840901	441	1107	MOORE	13132050	4	May 10, 2017	3.20	3.69	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 08, 2017	1.74	1.74	1.74	100.0%
18840914	360	68	BURNETT	13127750	5	May 09, 2017	0.26	0.26	0.26	100.0%
18840914	623	1494	BURNETT	13127750	5	May 09, 2017	0.40	0.40	0.40	100.0%
18841012	205	557	BECK	13130525	4	May 10, 2017	1.76	2.03	1.76	100.0%
18841012	459	342	MOORE	13132050	4	May 10, 2017	0.58	0.67	0.58	100.0%
18841012	70	341	MOORE	13132050	4	May 10, 2017	0.31	0.36	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	May 10, 2017	1.25	1.44	1.25	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 09, 2017	2.77	2.77	2.77	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 09, 2017	0.23	0.23	0.23	100.0%
18841012	524	11	SWAUGER	13127600	5	May 09, 2017	2.78	2.78	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 09, 2017	0.81	0.81	0.81	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 09, 2017	3.30	3.30	3.30	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 09, 2017	0.80	0.80	0.80	100.0%
18841012	317	385	SWAUGER	13127600	5	May 09, 2017	0.74	0.74	0.74	100.0%
18841012	347	1141	SHARP	13126500	6	May 08, 2017	1.06	1.06	1.06	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 09, 2017	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 09, 2017	2.00	2.00	2.00	100.0%
18850501	255	401	NEILSEN	13120805	9	May 07, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 07, 2017	2.80	2.80	2.80	100.0%
18850531	63	1354	MOORE	13132050	4	May 10, 2017	1.44	1.66	1.44	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 09, 2017	3.20	3.20	3.20	100.0%
18850601	205	554	BECK	13130525	4	May 10, 2017	0.59	0.68	0.59	100.0%
18850601	15	859	MOORE	13132050	4	May 10, 2017	0.50	0.58	0.50	100.0%
18850601	20	949	DARLINGTON	13127735	5	May 09, 2017	0.40	0.40	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	May 09, 2017	1.54	1.54	1.54	100.0%
18850601	405	1182	SHARP	13126500	6	May 08, 2017	0.04	0.04	0.04	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 07, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 09, 2017	3.08	3.08	3.08	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 08, 2017	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	May 10, 2017	0.87	1.00	0.87	100.0%
18860501	417	1050	MOORE	13132050	4	May 10, 2017	2.80	3.23	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 10, 2017	1.20	1.38	1.20	100.0%
18860512	263	398	MOORE	13132050	4	May 10, 2017	0.18	0.21	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 10, 2017	0.48	0.55	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	May 10, 2017	0.18	0.21	0.18	100.0%
18860601	16	1009	MOORE	13132050	4	May 10, 2017	2.52	2.90	2.52	100.0%
18860601	339	1010	MOORE	13132050	4	May 10, 2017	0.68	0.78	0.68	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 08, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 08, 2017	0.80	0.80	0.80	100.0%
18860721	336	294	BURNETT	13127750	5	May 09, 2017	0.74	0.74	0.74	100.0%

18860901	605	955	Stoecklein 1	13124173	8	May 08, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 09, 2017	1.22	1.22	1.22	100.0%
18870313	433	683	MOORE	13132050	4	May 10, 2017	0.70	0.81	0.70	100.0%
18870313	70	337	MOORE	13132050	4	May 10, 2017	0.23	0.27	0.23	100.0%
18870313	459	338	MOORE	13132050	4	May 10, 2017	0.42	0.48	0.42	100.0%
18870313	73	202	BURNETT	13127750	5	May 09, 2017	0.65	0.65	0.65	100.0%
18870313	73	201	BURNETT	13127750	5	May 09, 2017	1.05	1.05	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 07, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 08, 2017	3.30	3.30	3.30	100.0%
18870601	305	1351	3IN1	13130605	4	May 10, 2017	1.00	1.15	1.00	100.0%
18870601	73	196	BURNETT	13127750	5	May 09, 2017	0.69	0.69	0.69	100.0%
18870601	73	195	BURNETT	13127750	5	May 09, 2017	1.11	1.11	1.11	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 08, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 08, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 07, 2017	0.51	0.51	0.51	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 07, 2017	1.90	1.90	1.90	100.0%
18870630	236	1428	BECK	13130525	4	May 10, 2017	0.80	0.92	0.80	100.0%
18870801	73	189	BURNETT	13127750	5	May 09, 2017	0.10	0.10	0.10	100.0%
18870801	623	1508	BURNETT	13127750	5	May 09, 2017	0.53	0.53	0.53	100.0%
18870831	623	1507	BURNETT	13127750	5	May 09, 2017	1.20	1.20	1.20	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 09, 2017	0.34	0.34	0.34	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 09, 2017	0.98	0.98	0.98	100.0%
18880601	347	1138	SHARP	13126500	6	May 08, 2017	1.06	1.06	1.06	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 08, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 07, 2017	0.25	0.25	0.25	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 07, 2017	0.95	0.95	0.95	100.0%
18880601	629	1497	HOWELL	13120490	10	May 06, 2017	1.60	1.60	1.60	100.0%
18890601	599	1552	MOORE	13132050	4	May 10, 2017	0.30	0.35	0.30	100.0%
18890601	652	1566	MOORE	13132050	4	May 10, 2017	0.50	0.58	0.50	100.0%
18890601	441	205	MOORE	13132050	4	May 10, 2017	0.97	1.12	0.97	100.0%
18890601	463	1396	MOORE	13132050	4	May 10, 2017	0.20	0.23	0.20	100.0%
18890601	475	969	BURNETT	13127750	5	May 09, 2017	1.20	1.20	1.20	100.0%
18890601	623	1503	BURNETT	13127750	5	May 09, 2017	0.58	0.58	0.58	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 08, 2017	3.20	3.20	3.20	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 07, 2017	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 07, 2017	0.24	0.24	0.24	100.0%
18910630	205	555	BECK	13130525	4	May 10, 2017	0.09	0.10	0.09	100.0%
18910630	44	1253	MOORE	13132050	4	May 10, 2017	0.50	0.58	0.50	100.0%
18910630	2332	1255	MOORE	13132050	4	May 10, 2017	0.26	0.30	0.26	100.0%
18910630	44	1003	MOORE	13132050	4	May 10, 2017	0.76	0.88	0.76	100.0%
18910630	2332	1254	MOORE	13132050	4	May 10, 2017	0.48	0.55	0.48	100.0%
18910801	307	77	CHILLY	13121105	9	May 07, 2017	5.20	5.20	5.20	100.0%
18930201	417	380	MOORE	13132050	4	May 10, 2017	0.22	0.25	0.22	100.0%
18940310	475	989	BURNETT	13127750	5	May 09, 2017	0.44	0.44	0.44	100.0%
18940310	265	1223	BURNETT	13127750	5	May 09, 2017	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	May 07, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 08, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 10, 2017	0.80	0.92	0.80	100.0%
18940601	417	379	MOORE	13132050	4	May 10, 2017	0.15	0.17	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 09, 2017	0.11	0.11	0.11	100.0%
18940601	390	408	SHARP	13126500	6	May 08, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 07, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 09, 2017	1.10	1.10	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 07, 2017	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 10, 2017	0.10	0.12	0.10	100.0%
18950601	445	411	NEILSEN	13120805	9	May 07, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 07, 2017	0.18	0.18	0.18	100.0%
18950630	265	1224	BURNETT	13127750	5	May 09, 2017	2.62	2.62	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 08, 2017	3.20	3.20	3.20	100.0%
18960601	96	461	MOORE	13132050	4	May 10, 2017	0.73	0.84	0.73	100.0%
18960601	459	993	MOORE	13132050	4	May 10, 2017	0.40	0.46	0.40	100.0%
18960601	13	1119	MOORE	13132050	4	May 10, 2017	0.40	0.46	0.40	100.0%
18960601	339	1118	MOORE	13132050	4	May 10, 2017	1.57	1.81	1.57	100.0%
18960601	15	1106	MOORE	13132050	4	May 10, 2017	1.17	1.35	1.17	100.0%

18960601	441	207	MOORE	13132050	4	May 10, 2017	1.00	1.15	1.00	100.0%
18960601	652	1567	MOORE	13132050	4	May 10, 2017	0.58	0.67	0.58	100.0%
18960601	263	397	MOORE	13132050	4	May 10, 2017	0.35	0.40	0.35	100.0%
18960601	463	128	MOORE	13132050	4	May 10, 2017	1.60	1.84	1.60	100.0%
18960601	85	1522	MOORE	13132050	4	May 10, 2017	0.32	0.37	0.32	100.0%
18960601	263	399	MOORE	13132050	4	May 10, 2017	0.27	0.31	0.27	100.0%
18960601	85	1521	MOORE	13132050	4	May 10, 2017	0.23	0.27	0.23	100.0%
18960601	417	992	MOORE	13132050	4	May 10, 2017	1.20	1.38	1.20	100.0%
18960601	96	457	MOORE	13132050	4	May 10, 2017	0.92	1.06	0.92	100.0%
18960601	2334	1495	MOORE	13132050	4	May 10, 2017	2.22	2.56	2.22	100.0%
18960601	417	381	MOORE	13132050	4	May 10, 2017	2.40	2.77	2.40	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 08, 2017	6.40	6.40	6.40	100.0%
18960801	405	1185	SHARP	13126500	6	May 08, 2017	0.04	0.04	0.04	100.0%
18970510	47	92	DARLINGTON	13127735	5	May 09, 2017	6.10	6.10	0.93	15.2%
18970515	130	1286	NEILSEN	13120805	9	May 07, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 09, 2017	0.22	0.22	0.22	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 08, 2017	2.40	2.40	2.40	100.0%
18980601	483	1274	CHILLY	13121105	9	May 07, 2017	0.51	0.51	0.51	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 07, 2017	1.90	1.90	1.90	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 08, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 08, 2017	0.50	0.50	0.50	100.0%
18990327	2331	469	MOORE	13132050	4	May 10, 2017	0.03	0.03	0.03	100.0%
18990327	219	549	MOORE	13132050	4	May 10, 2017	0.15	0.17	0.15	100.0%
18990327	645	466	MOORE	13132050	4	May 10, 2017	0.01	0.01	0.01	100.0%
18990327	2331	467	MOORE	13132050	4	May 10, 2017	0.60	0.69	0.60	100.0%
18990327	459	1477	MOORE	13132050	4	May 10, 2017	0.01	0.01	0.01	100.0%
18990327	459	1090	MOORE	13132050	4	May 10, 2017	0.60	0.69	0.60	100.0%
18990327	433	272	MOORE	13132050	4	May 10, 2017	0.48	0.55	0.48	100.0%
18990601	201	705	SWAUGER	13127600	5	May 09, 2017	0.28	0.28	0.28	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 07, 2017	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 07, 2017	2.74	2.74	2.74	100.0%
19001101	310	833	CHILLY	13121105	9	May 07, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 08, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 08, 2017	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	May 10, 2017	0.23	0.27	0.23	100.0%
19010901	70	339	MOORE	13132050	4	May 10, 2017	0.12	0.14	0.12	100.0%
19010901	433	685	MOORE	13132050	4	May 10, 2017	0.47	0.54	0.47	100.0%
19011001	263	396	MOORE	13132050	4	May 10, 2017	0.08	0.09	0.08	100.0%
19011001	96	455	MOORE	13132050	4	May 10, 2017	0.30	0.35	0.30	100.0%
19020301	15	1121	MOORE	13132050	4	May 10, 2017	0.11	0.12	0.11	100.0%
19020301	15	81	MOORE	13132050	4	May 10, 2017	0.76	0.87	0.76	100.0%
19020301	13	1122	MOORE	13132050	4	May 10, 2017	0.31	0.35	0.31	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 08, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 07, 2017	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	May 07, 2017	3.40	3.40	3.40	100.0%
19020301	483	1500	CHILLY	13121105	9	May 07, 2017	0.84	0.84	0.84	100.0%
19020301	310	836	CHILLY	13121105	9	May 07, 2017	0.80	0.80	0.80	100.0%
19020301	364	952	CHILLY	13121105	9	May 07, 2017	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	May 07, 2017	1.60	1.60	1.60	100.0%
19020304	129	1062	CHILLY	13121105	9	May 07, 2017	3.20	3.20	3.20	100.0%
19020401	1	978	6X Ranch 6	13124100	8	May 08, 2017	2.20	2.20	2.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 07, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 07, 2017	3.16	3.16	3.16	100.0%
19020501	170	1008	MOORE	13132050	4	May 10, 2017	1.84	2.12	1.84	100.0%
19020501	310	631	CHILLY	13121105	9	May 07, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 06, 2017	0.62	0.62	0.62	100.0%
19020601	339	1015	MOORE	13132050	4	May 10, 2017	0.66	0.76	0.66	100.0%
19020601	16	1014	MOORE	13132050	4	May 10, 2017	0.92	1.06	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 08, 2017	3.70	3.70	3.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 07, 2017	0.68	0.68	0.68	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 08, 2017	1.74	1.74	1.74	100.0%
19040517	16	1074	MOORE	13132050	4	May 10, 2017	1.46	1.68	1.46	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 09, 2017	0.02	0.02	0.02	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 08, 2017	1.20	1.20	0.02	1.7%

19050501	498	779	BRADSHAW	13120705	9	May 07, 2017	0.58	0.58	0.58	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 07, 2017	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	May 07, 2017	1.30	1.30	1.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 07, 2017	0.20	0.20	0.20	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 07, 2017	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	May 07, 2017	0.30	0.30	0.30	100.0%
19050501	255	402	NEILSEN	13120805	9	May 07, 2017	0.50	0.50	0.50	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 07, 2017	0.65	0.65	0.65	100.0%
19050501	129	1063	CHILLY	13121105	9	May 07, 2017	0.80	0.80	0.80	100.0%
19050501	373	432	CHILLY	13121105	9	May 07, 2017	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	May 06, 2017	2.58	2.58	2.58	100.0%
19081207	70	343	MOORE	13132050	4	May 10, 2017	0.16	0.18	0.16	100.0%
19081207	459	344	MOORE	13132050	4	May 10, 2017	0.33	0.38	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 08, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 08, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 07, 2017	0.75	0.75	0.75	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 07, 2017	0.85	0.85	0.85	100.0%
19120830	255	400	NEILSEN	13120805	9	May 07, 2017	0.03	0.03	0.03	100.0%
19131224	373	25	CHILLY	13121105	9	May 07, 2017	1.60	1.60	1.60	100.0%
19150504	373	434	CHILLY	13121105	9	May 07, 2017	0.20	0.20	0.20	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 08, 2017	1.36	1.36	1.36	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 08, 2017	0.27	0.27	0.27	100.0%
19240806	417	695	MOORE	13132050	4	May 10, 2017	0.50	0.58	0.50	100.0%
19950203	476	1272	3IN1	13130605	4	May 10, 2017	30.00	34.57	30.00	100.0%
19950411	476	1273	BURNETT	13127750	5	May 09, 2017	12.42	12.42	12.42	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 07, 2017	11.61	11.61	11.61	100.0%
19950411	476	1273	CHILLY	13121105	9	May 07, 2017	13.00	13.00	13.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 08, 2017	10000.00	10000.00	1339.46	13.4%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 7	2370.0	4.8		2374.8	0.00	2374.8	4.8	0.0		2370.0	0.0	
9	Howell to Chilly	May 8	2049.0	134.9		-186.1	0.08	2188.7	116.1	18.8		2067.8	-18.8	
8	Chilly to Reservoir	* May 9	1675.6	65.2		-308.2	0.15	1880.5	62.1	3.2		1697.5	-22.0	
	Disconnected													
7	Mackay Reservoir	* May 9	1210.0	0.0		1675.6	0.00	1774.6	1405.2			369.4		
6	Reservoir to 2B	May 9	1200.0	10.0		0.0	0.00	1768.2	6.4	3.6		363.0	837.0	
5	2B to Leslie	May 10	1160.0	139.0		99.0	0.00	1680.2	88.0	51.0		274.9	885.1	
4	Leslie to Eastside In	May 11	663.1	183.8		-313.1	0.27	1495.8	110.1	73.7		90.6	572.5	
2a	Eastside In To Weirs	* May 11	277.1	15.1	0.0	-370.9	0.56	1436.2	9.0	6.1		31.0	246.1	0.0
2b	Weirs To Eastside Out	* May 11	387.2	9.5	0.0	119.6	-0.43	1440.8	8.7	0.8		35.6	245.3	0.0
2c	Eastside Out To Blw Muns	* May 11	304.7	82.5	0.0	0.0	0.00	1405.2	35.6	46.9	0.0	0.0	198.5	0.0
1	Blw Munsey to Arco	May 11	207.0	0.0		-97.7	0.32	1396.0	0.0	0.0		0.0	198.5	
3	River blw Moore Div	May 11	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	1846.0	204.1	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 7	0.0		20090101	14%	1	18800630	3.2	556.5	57.1	
9	Howell to Chilly	May 8	-186.1		20090101	14%	2	18810630	1.7	294.0	30.3	
8	Chilly to Reservoir	May 9	-308.2		20090101	14%	3	18880601	3.2	556.5	57.1	
	Disconnected						4	18960601	6.4	1113.0	114.2	
7	Mackay Reservoir	May 9	0.0		20090101	14%	5	19020301	0.8	140.0	14.3	
6	Reservoir to 2B	May 9	0.0	0.0	20090101	14%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 10	0.0	0.0	20090101	14%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 11	-74.2	-238.9	20090101	14%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 11	-50.7	-320.2	0.0	20090101	14%	9	Add Vol	Unlimited	200000.0	40789.2
2b	Weirs To Eastside Out	May 11	13.4	0.0	0.0	20090101	14%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 11	0.0	0.0	0.0	20090101	14%		TOTAL		296511.0	84913.4
1	Blw Munsey to Arco	May 11	0.0	-198.5	0.0	20090101	14%					
3	River blw Moore Div	May 11	0.0	0.0	20090101	14%						
	TOTAL		-605.8	-749.1	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
18590.0	19500.0		910.0	458.8	6.8	257.9	190.5	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	16213.4
Total Storage Loss	-11081.3
Total Storage Deliver	-1987.5
Total Evaporation	-123.9
Accounting Balance	19500.7
Current Res Content	19500.0
Storage Balance Error	0.7

DAILY STORAGE BALANCE

18590.0 Reservoir Content Previous Day [ac-ft]
19500.0 Reservoir Content Current Day [ac-ft]
910.0 Physical Change in Storage [ac-ft]

2787.2 Storage Allocated to Mackay Reservoir [ac-ft]
-1485.8 Stored Flow Losses [ac-ft]
0.0 2B to Leslie [cfs]
-238.9 Leslie to Moore [cfs]
-510.2 Eastside [cfs]
0.0 River blw Moore [cfs]
-377.7 Storage Delivered [ac-ft]
3.6 Reservoir to 2B [cfs]
51.0 2B to Leslie [cfs]
73.7 Leslie to Moore [cfs]
62.1 Eastside to blw Munsey [cfs]
-13.5 Evaporation [ac-ft]
910.2 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1774.6 Natural Flow into Mackay Reservoir [cfs]

1405.2 Reservoir Rights Diverted [cfs]
95.0 Natural Flow Losses below Reservoir [cfs]
0.0 2B to Leslie [cfs]
-74.2 Leslie to Moore [cfs]
-20.8 Eastside as River [cfs]
274.3 Natural Flow Delivered [cfs]
6.4 Reservoir to 2B [cfs]
88.0 2B to Leslie [cfs]
110.1 Leslie to Moore [cfs]
69.8 Eastside to blw Munsey [cfs]
1774.5 Natural Flow Delivered & Lost [cfs]

0.1 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	663.1			15.1	-19.2	262.6	14.5	-370.9	55.9%	277.1
Natural Flow	90.6			9.0	-11.4			-50.7		31.0
Stored Flow	572.5			6.1	-7.8			-320.2		246.1
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	262.6	14.5		9.5	-5.6	387.2	119.6	-43.2%	-226.6
Natural Flow				8.7	-5.1	155.2	13.4		-20.8
Stored Flow				0.8	-0.5	245.3	0.0		-311.7
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	387.2		82.5	304.7
Natural Flow	155.2		35.6	119.6
Stored Flow	245.3		46.9	198.5
Exchange Flow	0.0		0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	49.3	613.8	6.6	270.5	387.2
Natural Flow	34.1	56.5	6.1	24.9	35.6
Stored Flow	15.2	557.3	0.6	245.6	245.6
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	10.0	3.6	17.7
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.0	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	21.0	5.1	68.4
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.5	6.5	12.9	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	11.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	25.8	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	75.0	18.8	432.2
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	431.5
9 NEILSEN	41.0	8.3	28.5	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	0.0	0.0	5 SUTTER	6.0	2.8	5.6
9 CHILLY	51.4	0.0	214.2	8 Broken River Dit	1.5	1.5	11.9	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	15.0	10.1	95.1
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	0.0	0.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.5	0.3	1.2	4 3IN1	38.8	6.9	102.3
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	2.2	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	130.0	56.6	620.5
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	0.0	0.0	0.0	2 EASTSIDE FHDiv	49.3	15.2	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	32.6	351.6	4821.1
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	0.0	0.0	0.0	2 MUNSEY	49.9	351.6	4821.1
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.4	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	0.0	1.4	9.8	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 08, 2017	0.59	0.59	0.59	100.0%
18750601	483	12	LONGHURST	13121505	9	May 08, 2017	4.61	4.61	4.61	100.0%
18800601	370	530	ARCO	13132365	2	May 11, 2017	0.15	0.33	0.15	100.0%
18800601	93	723	ARCO	13132365	2	May 11, 2017	0.04	0.09	0.04	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 09, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 09, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 09, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 09, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 09, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 08, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 09, 2017	3.00	3.00	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	May 11, 2017	1.52	2.08	1.52	100.0%
18830601	2331	465	MOORE	13132050	4	May 11, 2017	0.79	1.08	0.79	100.0%
18830601	645	464	MOORE	13132050	4	May 11, 2017	0.11	0.15	0.11	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 11, 2017	0.43	0.59	0.43	100.0%
18830810	192	1109	Upper Eastside &	13132101	2	May 11, 2017	0.21	0.29	0.21	100.0%
18830810	85	1583	MOORE	13132050	4	May 11, 2017	0.18	0.25	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	May 11, 2017	1.50	2.05	1.50	100.0%
18830810	96	449	MOORE	13132050	4	May 11, 2017	0.48	0.66	0.48	100.0%
18830810	263	393	MOORE	13132050	4	May 11, 2017	0.18	0.25	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 10, 2017	0.68	0.68	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 11, 2017	1.64	2.25	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	May 11, 2017	0.14	0.19	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	May 10, 2017	1.01	1.01	1.01	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 10, 2017	0.07	0.07	0.07	100.0%
18840422	201	83	SWAUGER	13127600	5	May 10, 2017	1.12	1.12	1.12	100.0%
18840422	585	951	SWAUGER	13127600	5	May 10, 2017	0.18	0.18	0.18	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 10, 2017	0.96	0.96	0.96	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 10, 2017	2.17	2.17	2.17	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 10, 2017	0.35	0.35	0.35	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 10, 2017	1.63	1.63	1.63	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 10, 2017	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 10, 2017	1.44	1.44	1.44	100.0%
18840422	525	1465	BURNETT	13127750	5	May 10, 2017	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	May 10, 2017	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	May 10, 2017	2.00	2.00	2.00	100.0%
18840422	103	1289	SHARP	13126500	6	May 09, 2017	0.62	0.62	0.62	100.0%
18840422	347	938	SHARP	13126500	6	May 09, 2017	3.15	3.15	3.15	100.0%
18840422	632	1539	SHARP	13126500	6	May 09, 2017	0.12	0.12	0.12	100.0%
18840422	390	406	SHARP	13126500	6	May 09, 2017	0.09	0.09	0.09	100.0%
18840422	397	10	SHARP	13126500	6	May 09, 2017	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	May 09, 2017	0.08	0.08	0.08	100.0%
18840430	623	1519	BURNETT	13127750	5	May 10, 2017	0.40	0.40	0.40	100.0%
18840430	119	1366	BURNETT	13127750	5	May 10, 2017	0.40	0.40	0.40	100.0%
18840430	73	193	BURNETT	13127750	5	May 10, 2017	1.23	1.23	1.23	100.0%
18840430	73	194	BURNETT	13127750	5	May 10, 2017	0.77	0.77	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	May 10, 2017	1.60	1.60	1.60	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 09, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 09, 2017	0.22	0.22	0.22	100.0%
18840520	187	1441	Lower Eastside &	13132291	2	May 11, 2017	0.01	0.01	0.01	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 11, 2017	0.18	0.25	0.18	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 11, 2017	0.16	0.22	0.16	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 11, 2017	1.15	1.58	1.15	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 11, 2017	0.80	1.10	0.80	100.0%
18840520	219	547	MOORE	13132050	4	May 11, 2017	1.15	1.58	1.15	100.0%
18840520	96	451	MOORE	13132050	4	May 11, 2017	0.58	0.79	0.58	100.0%
18840520	340	816	MOORE	13132050	4	May 11, 2017	0.34	0.47	0.34	100.0%
18840520	263	394	MOORE	13132050	4	May 11, 2017	0.22	0.30	0.22	100.0%
18840520	2335	265	MOORE	13132050	4	May 11, 2017	0.84	1.15	0.84	100.0%

18840520	427	1	MOORE	13132050	4	May 11, 2017	1.04	1.42	1.04	100.0%
18840520	459	1478	MOORE	13132050	4	May 11, 2017	0.01	0.01	0.01	100.0%
18840520	459	797	MOORE	13132050	4	May 11, 2017	1.20	1.64	1.20	100.0%
18840520	66	266	MOORE	13132050	4	May 11, 2017	0.02	0.03	0.02	100.0%
18840520	433	271	MOORE	13132050	4	May 11, 2017	0.54	0.74	0.54	100.0%
18840520	645	462	MOORE	13132050	4	May 11, 2017	0.32	0.44	0.32	100.0%
18840520	2331	463	MOORE	13132050	4	May 11, 2017	2.24	3.07	2.24	100.0%
18840520	85	1584	MOORE	13132050	4	May 11, 2017	0.22	0.30	0.22	100.0%
18840520	2331	471	MOORE	13132050	4	May 11, 2017	2.14	2.93	2.14	100.0%
18840520	2332	752	MOORE	13132050	4	May 11, 2017	0.36	0.49	0.36	100.0%
18840520	2332	753	MOORE	13132050	4	May 11, 2017	0.42	0.58	0.42	100.0%
18840520	2333	657	MOORE	13132050	4	May 11, 2017	1.00	1.37	1.00	100.0%
18840601	85	1585	MOORE	13132050	4	May 11, 2017	0.08	0.11	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	May 11, 2017	0.09	0.12	0.09	100.0%
18840601	263	395	MOORE	13132050	4	May 11, 2017	0.08	0.11	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	May 11, 2017	0.54	0.74	0.54	100.0%
18840601	96	453	MOORE	13132050	4	May 11, 2017	0.21	0.29	0.21	100.0%
18840601	15	131	MOORE	13132050	4	May 11, 2017	0.37	0.50	0.37	100.0%
18840601	623	1493	BURNETT	13127750	5	May 10, 2017	0.20	0.20	0.20	100.0%
18840601	623	1505	BURNETT	13127750	5	May 10, 2017	0.40	0.40	0.40	100.0%
18840601	623	1504	BURNETT	13127750	5	May 10, 2017	0.27	0.27	0.27	100.0%
18840601	119	56	BURNETT	13127750	5	May 10, 2017	0.73	0.73	0.73	100.0%
18840601	73	199	BURNETT	13127750	5	May 10, 2017	0.37	0.37	0.37	100.0%
18840601	360	693	BURNETT	13127750	5	May 10, 2017	0.80	0.80	0.80	100.0%
18840601	73	200	BURNETT	13127750	5	May 10, 2017	0.23	0.23	0.23	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 09, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 08, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 08, 2017	0.40	0.40	0.40	100.0%
18840715	44	1005	MOORE	13132050	4	May 11, 2017	0.80	1.10	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 11, 2017	0.74	1.01	0.74	100.0%
18840715	459	1195	MOORE	13132050	4	May 11, 2017	1.20	1.64	1.20	100.0%
18840715	115	323	MOORE	13132050	4	May 11, 2017	0.74	1.01	0.74	100.0%
18840715	15	799	MOORE	13132050	4	May 11, 2017	0.80	1.10	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 11, 2017	1.20	1.64	1.20	100.0%
18840731	44	1131	MOORE	13132050	4	May 11, 2017	0.80	1.10	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	May 11, 2017	0.80	1.10	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 11, 2017	0.20	0.27	0.20	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 11, 2017	0.44	0.60	0.44	100.0%
18840831	192	772	Upper Eastside &	13132101	2	May 11, 2017	0.40	0.55	0.40	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 11, 2017	0.50	0.68	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	May 11, 2017	3.20	4.38	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 09, 2017	1.74	1.74	1.74	100.0%
18840914	360	68	BURNETT	13127750	5	May 10, 2017	0.80	0.80	0.80	100.0%
18840914	119	696	BURNETT	13127750	5	May 10, 2017	0.40	0.40	0.40	100.0%
18840914	623	1494	BURNETT	13127750	5	May 10, 2017	0.40	0.40	0.40	100.0%
18841012	205	557	BECK	13130525	4	May 11, 2017	1.76	2.41	1.76	100.0%
18841012	70	341	MOORE	13132050	4	May 11, 2017	0.31	0.42	0.31	100.0%
18841012	459	342	MOORE	13132050	4	May 11, 2017	0.58	0.79	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	May 11, 2017	1.25	1.71	1.25	100.0%
18841012	524	11	SWAUGER	13127600	5	May 10, 2017	2.78	2.78	2.78	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 10, 2017	0.80	0.80	0.80	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 10, 2017	0.27	0.27	0.27	100.0%
18841012	317	385	SWAUGER	13127600	5	May 10, 2017	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 10, 2017	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 10, 2017	0.81	0.81	0.81	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 10, 2017	3.30	3.30	3.30	100.0%
18841012	347	1141	SHARP	13126500	6	May 09, 2017	0.83	0.83	0.83	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 10, 2017	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 10, 2017	1.65	1.65	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 10, 2017	0.61	0.61	0.60	98.4%
18850501	380	1177	Lower Eastside &	13132291	2	May 11, 2017	2.00	2.74	2.00	100.0%
18850501	426	887	ARCO	13132365	2	May 11, 2017	0.64	1.39	0.64	100.0%
18850501	255	401	NEILSEN	13120805	9	May 08, 2017	0.50	0.50	0.50	100.0%
18850512	192	1399	Upper Eastside &	13132101	2	May 11, 2017	0.20	0.27	0.20	100.0%

18850512	251	22	Upper Eastside &	13132101	2	May 11, 2017	1.40	1.92	1.40	100.0%
18850530	282	1190	SUTTER	13128105	5	May 10, 2017	0.20	0.20	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	May 11, 2017	2.88	3.94	2.88	100.0%
18850531	63	1354	MOORE	13132050	4	May 11, 2017	1.44	1.97	1.44	100.0%
18850601	205	554	BECK	13130525	4	May 11, 2017	0.59	0.81	0.59	100.0%
18850601	15	859	MOORE	13132050	4	May 11, 2017	0.50	0.68	0.50	100.0%
18850601	525	1464	BURNETT	13127750	5	May 10, 2017	1.54	1.54	1.54	100.0%
18850601	405	1182	SHARP	13126500	6	May 09, 2017	0.04	0.04	0.04	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 08, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 10, 2017	3.08	3.08	3.08	100.0%
18851002	93	726	ARCO	13132365	2	May 11, 2017	0.50	1.09	0.50	100.0%
18851002	437	62	ARCO	13132365	2	May 11, 2017	1.54	3.34	1.54	100.0%
18851002	370	1592	ARCO	13132365	2	May 11, 2017	1.16	2.52	1.16	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 09, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 11, 2017	6.46	8.85	6.46	100.0%
18860501	305	927	3IN1	13130605	4	May 11, 2017	0.87	1.19	0.87	100.0%
18860501	417	1050	MOORE	13132050	4	May 11, 2017	2.80	3.84	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 11, 2017	1.20	1.64	1.20	100.0%
18860512	634	1543	Upper Eastside &	13132101	2	May 11, 2017	1.77	2.42	1.77	100.0%
18860512	85	1588	MOORE	13132050	4	May 11, 2017	0.18	0.25	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 11, 2017	0.48	0.66	0.48	100.0%
18860512	263	398	MOORE	13132050	4	May 11, 2017	0.18	0.25	0.18	100.0%
18860601	306	851	Upper Eastside &	13132101	2	May 11, 2017	1.42	1.94	1.42	100.0%
18860601	339	1010	MOORE	13132050	4	May 11, 2017	0.68	0.93	0.68	100.0%
18860601	16	1009	MOORE	13132050	4	May 11, 2017	2.52	3.45	2.52	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 09, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 09, 2017	0.80	0.80	0.80	100.0%
18860630	251	928	Upper Eastside &	13132101	2	May 11, 2017	0.86	1.18	0.86	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 11, 2017	1.02	1.40	1.02	100.0%
18860721	336	294	BURNETT	13127750	5	May 10, 2017	0.80	0.80	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 10, 2017	3.00	3.00	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 11, 2017	0.84	1.15	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 09, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 10, 2017	2.28	2.28	2.28	100.0%
18870313	433	683	MOORE	13132050	4	May 11, 2017	0.70	0.96	0.70	100.0%
18870313	459	338	MOORE	13132050	4	May 11, 2017	0.42	0.58	0.42	100.0%
18870313	70	337	MOORE	13132050	4	May 11, 2017	0.23	0.32	0.23	100.0%
18870313	360	681	BURNETT	13127750	5	May 10, 2017	0.10	0.10	0.10	100.0%
18870313	73	201	BURNETT	13127750	5	May 10, 2017	1.05	1.05	1.05	100.0%
18870313	73	202	BURNETT	13127750	5	May 10, 2017	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 08, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 09, 2017	3.30	3.30	3.30	100.0%
18870601	305	1351	3IN1	13130605	4	May 11, 2017	1.00	1.37	1.00	100.0%
18870601	73	195	BURNETT	13127750	5	May 10, 2017	1.11	1.11	1.11	100.0%
18870601	73	196	BURNETT	13127750	5	May 10, 2017	0.69	0.69	0.69	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 09, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 09, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 08, 2017	0.27	0.27	0.27	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 08, 2017	2.13	2.13	2.13	100.0%
18870630	236	1428	BECK	13130525	4	May 11, 2017	0.80	1.10	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 10, 2017	0.80	0.80	0.80	100.0%
18870801	119	1166	BURNETT	13127750	5	May 10, 2017	0.27	0.27	0.27	100.0%
18870801	623	1508	BURNETT	13127750	5	May 10, 2017	0.53	0.53	0.53	100.0%
18870801	73	189	BURNETT	13127750	5	May 10, 2017	0.62	0.62	0.62	100.0%
18870801	73	190	BURNETT	13127750	5	May 10, 2017	0.34	0.34	0.34	100.0%
18870831	623	1507	BURNETT	13127750	5	May 10, 2017	1.20	1.20	1.20	100.0%
18870831	119	1154	BURNETT	13127750	5	May 10, 2017	0.32	0.32	0.32	100.0%
18880601	223	889	Upper Eastside &	13132101	2	May 11, 2017	2.04	2.79	2.04	100.0%
18880601	437	670	ARCO	13132365	2	May 11, 2017	0.33	0.72	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 10, 2017	0.98	0.98	0.98	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 10, 2017	0.41	0.41	0.41	100.0%
18880601	347	1138	SHARP	13126500	6	May 09, 2017	1.26	1.26	1.26	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 09, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 08, 2017	0.14	0.14	0.14	100.0%

18880601	483	1271	LONGHURST	13121505	9	May 08, 2017	1.06	1.06	1.06	100.0%
18880601	629	1497	HOWELL	13120490	10	May 07, 2017	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	May 11, 2017	0.40	0.87	0.40	100.0%
18890601	652	1566	MOORE	13132050	4	May 11, 2017	0.50	0.68	0.50	100.0%
18890601	599	1552	MOORE	13132050	4	May 11, 2017	0.30	0.41	0.30	100.0%
18890601	463	1396	MOORE	13132050	4	May 11, 2017	0.20	0.27	0.20	100.0%
18890601	441	205	MOORE	13132050	4	May 11, 2017	0.97	1.33	0.97	100.0%
18890601	336	979	BURNETT	13127750	5	May 10, 2017	0.12	0.12	0.12	100.0%
18890601	623	1503	BURNETT	13127750	5	May 10, 2017	0.80	0.80	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	May 10, 2017	1.20	1.20	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 10, 2017	2.70	2.70	2.70	100.0%
18900601	426	756	ARCO	13132365	2	May 11, 2017	0.57	1.24	0.57	100.0%
18900601	372	886	ARCO	13132365	2	May 11, 2017	0.59	1.28	0.59	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 09, 2017	3.20	3.20	3.20	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 08, 2017	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 08, 2017	1.76	1.76	1.76	100.0%
18910630	205	555	BECK	13130525	4	May 11, 2017	0.09	0.12	0.09	100.0%
18910630	2332	1254	MOORE	13132050	4	May 11, 2017	0.48	0.66	0.48	100.0%
18910630	2332	1255	MOORE	13132050	4	May 11, 2017	0.26	0.36	0.26	100.0%
18910630	44	1253	MOORE	13132050	4	May 11, 2017	0.50	0.68	0.50	100.0%
18910630	44	1003	MOORE	13132050	4	May 11, 2017	0.76	1.04	0.76	100.0%
18910801	307	77	CHILLY	13121105	9	May 08, 2017	5.20	5.20	5.20	100.0%
18930201	417	380	MOORE	13132050	4	May 11, 2017	0.22	0.30	0.22	100.0%
18940310	265	1223	BURNETT	13127750	5	May 10, 2017	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 10, 2017	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	May 08, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 09, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 11, 2017	0.80	1.10	0.80	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 11, 2017	3.20	4.38	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 11, 2017	0.15	0.21	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 10, 2017	0.11	0.11	0.11	100.0%
18940601	390	408	SHARP	13126500	6	May 09, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 08, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 10, 2017	1.10	1.10	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 08, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	May 11, 2017	0.80	1.10	0.80	100.0%
18950601	251	1342	Upper Eastside &	13132101	2	May 11, 2017	0.18	0.25	0.18	100.0%
18950601	634	1554	Upper Eastside &	13132101	2	May 11, 2017	0.20	0.27	0.20	100.0%
18950601	417	378	MOORE	13132050	4	May 11, 2017	0.10	0.14	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 10, 2017	2.40	2.40	2.40	100.0%
18950601	445	411	NEILSEN	13120805	9	May 08, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 08, 2017	0.18	0.18	0.18	100.0%
18950630	265	1224	BURNETT	13127750	5	May 10, 2017	2.62	2.62	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 09, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	May 11, 2017	1.47	2.01	1.47	100.0%
18960601	192	1405	Upper Eastside &	13132101	2	May 11, 2017	0.04	0.05	0.04	100.0%
18960601	96	457	MOORE	13132050	4	May 11, 2017	0.92	1.26	0.92	100.0%
18960601	15	1106	MOORE	13132050	4	May 11, 2017	1.17	1.60	1.17	100.0%
18960601	339	1118	MOORE	13132050	4	May 11, 2017	1.57	2.15	1.57	100.0%
18960601	463	128	MOORE	13132050	4	May 11, 2017	1.60	2.19	1.60	100.0%
18960601	2334	1495	MOORE	13132050	4	May 11, 2017	2.22	3.04	2.22	100.0%
18960601	652	1567	MOORE	13132050	4	May 11, 2017	0.58	0.79	0.58	100.0%
18960601	441	207	MOORE	13132050	4	May 11, 2017	1.00	1.37	1.00	100.0%
18960601	85	1521	MOORE	13132050	4	May 11, 2017	0.23	0.32	0.23	100.0%
18960601	96	461	MOORE	13132050	4	May 11, 2017	0.73	1.00	0.73	100.0%
18960601	417	381	MOORE	13132050	4	May 11, 2017	2.40	3.29	2.40	100.0%
18960601	459	993	MOORE	13132050	4	May 11, 2017	0.40	0.55	0.40	100.0%
18960601	13	1119	MOORE	13132050	4	May 11, 2017	0.40	0.55	0.40	100.0%
18960601	263	399	MOORE	13132050	4	May 11, 2017	0.27	0.37	0.27	100.0%
18960601	263	397	MOORE	13132050	4	May 11, 2017	0.35	0.48	0.35	100.0%
18960601	85	1522	MOORE	13132050	4	May 11, 2017	0.32	0.44	0.32	100.0%
18960601	417	992	MOORE	13132050	4	May 11, 2017	1.20	1.64	1.20	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 09, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 11, 2017	2.00	4.34	2.00	100.0%

18960801	405	1185	SHARP	13126500	6	May 09, 2017	0.04	0.04	0.04	100.0%
18960901	437	671	ARCO	13132365	2	May 11, 2017	0.13	0.28	0.13	100.0%
18960928	392	840	MUNSEY	13132375	2	May 11, 2017	4.40	9.55	4.40	100.0%
18970510	437	664	ARCO	13132365	2	May 11, 2017	1.74	3.78	1.74	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 11, 2017	1.34	1.84	1.34	100.0%
18970531	589	1312	BURNETT	13127750	5	May 10, 2017	0.20	0.20	0.20	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 10, 2017	0.22	0.22	0.22	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 09, 2017	2.40	2.40	2.40	100.0%
18980601	192	1406	Upper Eastside &	13132101	2	May 11, 2017	0.33	0.45	0.33	100.0%
18980601	437	1310	ARCO	13132365	2	May 11, 2017	0.84	1.82	0.84	100.0%
18980601	483	1274	CHILLY	13121105	9	May 08, 2017	0.27	0.27	0.27	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 08, 2017	2.13	2.13	2.13	100.0%
18980901	590	825	ARCO	13132365	2	May 11, 2017	0.66	1.43	0.66	100.0%
18980901	268	562	ARCO	13132365	2	May 11, 2017	1.57	3.41	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 09, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 09, 2017	0.50	0.50	0.50	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 11, 2017	0.84	1.15	0.84	100.0%
18990327	180	468	Upper Eastside &	13132101	2	May 11, 2017	0.05	0.07	0.05	100.0%
18990327	187	18	Lower Eastside &	13132291	2	May 11, 2017	0.03	0.04	0.03	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 11, 2017	0.29	0.40	0.29	100.0%
18990327	645	466	MOORE	13132050	4	May 11, 2017	0.01	0.01	0.01	100.0%
18990327	459	1477	MOORE	13132050	4	May 11, 2017	0.01	0.01	0.01	100.0%
18990327	459	1090	MOORE	13132050	4	May 11, 2017	0.60	0.82	0.60	100.0%
18990327	2331	469	MOORE	13132050	4	May 11, 2017	0.03	0.04	0.03	100.0%
18990327	2331	467	MOORE	13132050	4	May 11, 2017	0.60	0.82	0.60	100.0%
18990327	219	549	MOORE	13132050	4	May 11, 2017	0.15	0.21	0.15	100.0%
18990327	433	272	MOORE	13132050	4	May 11, 2017	0.48	0.66	0.48	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 11, 2017	2.80	6.08	2.80	100.0%
18990601	201	705	SWAUGER	13127600	5	May 10, 2017	0.28	0.28	0.28	100.0%
18990601	307	72	NEILSEN	13120805	9	May 08, 2017	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	May 11, 2017	0.80	1.74	0.80	100.0%
19001101	310	833	CHILLY	13121105	9	May 08, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 09, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 09, 2017	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	May 11, 2017	0.12	0.16	0.12	100.0%
19010901	433	685	MOORE	13132050	4	May 11, 2017	0.47	0.64	0.47	100.0%
19010901	459	340	MOORE	13132050	4	May 11, 2017	0.23	0.32	0.23	100.0%
19011001	263	396	MOORE	13132050	4	May 11, 2017	0.08	0.11	0.08	100.0%
19011001	96	455	MOORE	13132050	4	May 11, 2017	0.30	0.41	0.30	100.0%
19011102	426	1159	ARCO	13132365	2	May 11, 2017	1.32	2.87	1.32	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 08, 2017	2.60	2.60	2.60	100.0%
19020115	392	765	MUNSEY	13132375	2	May 11, 2017	0.36	0.78	0.36	100.0%
19020301	15	81	MOORE	13132050	4	May 11, 2017	0.76	1.03	0.76	100.0%
19020301	15	1121	MOORE	13132050	4	May 11, 2017	0.11	0.15	0.11	100.0%
19020301	13	1122	MOORE	13132050	4	May 11, 2017	0.31	0.42	0.31	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 09, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 08, 2017	0.86	0.86	0.86	100.0%
19020301	310	836	CHILLY	13121105	9	May 08, 2017	0.80	0.80	0.80	100.0%
19020301	483	1500	CHILLY	13121105	9	May 08, 2017	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 08, 2017	3.40	3.40	3.40	100.0%
19020301	364	952	CHILLY	13121105	9	May 08, 2017	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	May 08, 2017	1.60	1.60	1.60	100.0%
19020304	129	1062	CHILLY	13121105	9	May 08, 2017	3.20	3.20	3.20	100.0%
19020401	1	978	6X Ranch 6	13124100	8	May 09, 2017	2.20	2.20	2.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 08, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 08, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 11, 2017	1.84	2.52	1.84	100.0%
19020501	310	631	CHILLY	13121105	9	May 08, 2017	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	May 07, 2017	0.62	0.62	0.62	100.0%
19020601	339	1015	MOORE	13132050	4	May 11, 2017	0.66	0.90	0.66	100.0%
19020601	16	1014	MOORE	13132050	4	May 11, 2017	0.92	1.26	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 09, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 08, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 08, 2017	1.60	1.60	1.60	100.0%

19030401	317	1127	Zollinger/No Tel	13123020	8	May 09, 2017	1.74	1.74	1.74	100.0%
19040517	16	1074	MOORE	13132050	4	May 11, 2017	1.46	2.00	1.46	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 10, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	May 08, 2017	0.33	0.33	0.33	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 09, 2017	1.20	1.20	0.02	1.7%
19050501	498	779	BRADSHAW	13120705	9	May 08, 2017	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 08, 2017	0.02	0.02	0.02	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 08, 2017	0.40	0.40	0.40	100.0%
19050501	154	812	NEILSEN	13120805	9	May 08, 2017	0.10	0.10	0.10	100.0%
19050501	255	402	NEILSEN	13120805	9	May 08, 2017	0.50	0.50	0.50	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 08, 2017	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 08, 2017	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 08, 2017	0.65	0.65	0.65	100.0%
19050501	403	811	NEILSEN	13120805	9	May 08, 2017	0.30	0.30	0.30	100.0%
19050501	1	37	NEILSEN	13120805	9	May 08, 2017	0.68	0.68	0.68	100.0%
19050501	129	1063	CHILLY	13121105	9	May 08, 2017	0.80	0.80	0.80	100.0%
19050501	373	432	CHILLY	13121105	9	May 08, 2017	0.58	0.58	0.58	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 08, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 07, 2017	2.58	2.58	2.58	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 08, 2017	1.08	1.08	1.08	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 08, 2017	1.30	1.30	1.30	100.0%
19080401	483	848	LONGHURST	13121505	9	May 08, 2017	2.10	2.10	2.10	100.0%
19081207	459	344	MOORE	13132050	4	May 11, 2017	0.33	0.45	0.33	100.0%
19081207	70	343	MOORE	13132050	4	May 11, 2017	0.16	0.22	0.16	100.0%
19100501	131	69	Donahue 1	13122230	8	May 09, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 09, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 08, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 08, 2017	0.80	0.80	0.80	100.0%
19120401	483	13	LONGHURST	13121505	9	May 08, 2017	1.18	1.18	1.18	99.9%
19120513	101	1069	NEILSEN	13120805	9	May 08, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 08, 2017	0.03	0.03	0.03	100.0%
19121014	403	813	NEILSEN	13120805	9	May 08, 2017	0.40	0.40	0.40	100.0%
19131224	373	25	CHILLY	13121105	9	May 08, 2017	0.20	0.20	0.20	100.0%
19140601	154	914	NEILSEN	13120805	9	May 08, 2017	0.80	0.80	0.80	100.0%
19160501	129	633	CHILLY	13121105	9	May 08, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 09, 2017	1.36	1.36	1.36	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 09, 2017	0.27	0.27	0.27	100.0%
19240806	417	695	MOORE	13132050	4	May 11, 2017	0.50	0.68	0.50	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 11, 2017	4.40	9.55	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 11, 2017	7.34	15.94	7.34	100.0%
19770529	327	176	MUNSEY	13132375	2	May 11, 2017	1.34	2.91	1.34	100.0%
19950203	476	1272	3IN1	13130605	4	May 11, 2017	30.00	41.09	30.00	100.0%
19950411	476	1273	BURNETT	13127750	5	May 10, 2017	14.12	14.12	14.12	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 08, 2017	10.97	10.97	10.97	100.0%
19950411	476	1273	CHILLY	13121105	9	May 08, 2017	15.00	15.00	15.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 09, 2017	10000.00	10000.00	1389.92	13.9%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 8	2580.0	4.8		2584.8	0.00	2584.8	4.8	0.0		2580.0	0.0	
9	Howell to Chilly	May 9	2107.0	134.9		-338.1	0.13	2246.7	116.1	18.8		2125.8	-18.8	
8	Chilly to Reservoir	* May 10	1671.7	65.2		-370.0	0.18	1876.6	62.1	3.2		1693.7	-22.0	
	Disconnected													
7	Mackay Reservoir	* May 10	1408.2	0.0		1671.7	0.00	1739.7	1320.3			419.5		
6	Reservoir to 2B	May 10	1400.0	8.2		0.0	0.00	1733.6	6.1	2.1		413.3	986.7	
5	2B to Leslie	May 11	1330.0	138.0		68.0	0.00	1642.7	90.9	47.1		322.4	1007.6	
4	Leslie to Eastside In	May 12	697.4	193.8		-438.8	0.33	1416.2	120.1	73.7		95.9	601.5	
2a	Eastside In To Weirs	* May 12	296.2	14.3	0.0	-386.9	0.55	1354.3	8.7	5.6		34.0	262.2	0.0
2b	Weirs To Eastside Out	* May 12	430.6	9.2	0.0	143.6	-0.48	1361.6	9.2	0.0		41.3	262.2	0.0
2c	Eastside Out To Blw Muns	* May 12	348.1	82.5	0.0	0.0	0.00	1320.3	41.3	41.2	0.0	0.0	221.0	0.0
1	Blw Munsey to Arco	May 12	244.0	0.0		-104.1	0.30	1311.7	0.0	0.0		0.0	221.0	
3	River blw Moore Div	May 12	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	1779.6	191.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 8	0.0		20090101	13%	1	18800630	3.2	556.5	63.5	
9	Howell to Chilly	May 9	-338.1		20090101	13%	2	18810630	1.7	294.0	33.7	
8	Chilly to Reservoir	May 10	-370.0		20090101	13%	3	18880601	3.2	556.5	63.5	
	Disconnected						4	18960601	6.4	1113.0	126.9	
7	Mackay Reservoir	May 10	0.0		20090101	13%	5	19020301	0.8	140.0	15.9	
6	Reservoir to 2B	May 10	0.0	0.0	20090101	13%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 11	0.0	0.0	20090101	13%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 12	-106.4	-332.4	20090101	13%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 12	-53.2	-333.7	0.0	20090101	13%	9	Add Vol	Unlimited	200000.0	43377.7
2b	Weirs To Eastside Out	May 12	16.5	0.0	0.0	20090101	13%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 12	0.0	0.0	0.0	20090101	13%		TOTAL		296511.0	87532.1
1	Blw Munsey to Arco	May 12	0.0	-221.0	0.0	20090101	13%					
3	River blw Moore Div	May 12	0.0	0.0	20090101	13%						
	TOTAL		-851.2	-880.1	0.0							

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
19500.0	20010.0		510.0	257.1	6.4	276.4	176.6	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	18832.1
Total Storage Loss	-12827.0
Total Storage Deliver	-2338.0
Total Evaporation	-136.6
Accounting Balance	20010.6
Current Res Content	20010.0
Storage Balance Error	0.6

DAILY STORAGE BALANCE

19500.0 Reservoir Content Previous Day [ac-ft]
20010.0 Reservoir Content Current Day [ac-ft]
510.0 Physical Change in Storage [ac-ft]

2618.8 Storage Allocated to Mackay Reservoir [ac-ft]
-1745.7 Stored Flow Losses [ac-ft]
0.0 2B to Leslie [cfs]
-332.4 Leslie to Moore [cfs]
-547.7 Eastside [cfs]
0.0 River blw Moore [cfs]
-350.5 Storage Delivered [ac-ft]
2.1 Reservoir to 2B [cfs]
47.1 2B to Leslie [cfs]
73.7 Leslie to Moore [cfs]
53.8 Eastside to blw Munsey [cfs]
-12.7 Evaporation [ac-ft]
509.9 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1739.7 Natural Flow into Mackay Reservoir [cfs]

1320.3 Reservoir Rights Diverted [cfs]
127.6 Natural Flow Losses below Reservoir [cfs]
0.0 2B to Leslie [cfs]
-106.4 Leslie to Moore [cfs]
-21.2 Eastside as River [cfs]
291.9 Natural Flow Delivered [cfs]
6.1 Reservoir to 2B [cfs]
90.9 2B to Leslie [cfs]
120.1 Leslie to Moore [cfs]
74.8 Eastside to blw Munsey [cfs]
1739.8 Natural Flow Delivered & Lost [cfs]

-0.1 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	697.4			14.3	-17.8	282.0	14.2	-386.9	55.5%	296.2
Natural Flow	95.9			8.7	-10.8			-53.2		34.0
Stored Flow	601.5			5.6	-7.0			-333.7		262.2
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	282.0	14.2		9.2	-4.7	430.6	143.6	-48.5%	-220.8
Natural Flow				9.2	-4.7	184.9	16.5		-21.2
Stored Flow				0.0	0.0	262.2	0.0		-326.7
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	430.6	82.5	348.1	
Natural Flow	184.9	41.3	143.6	
Stored Flow	262.2	41.2	221.0	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060			13132350
Actual Flow	46.0	651.4	6.2	290.0	430.6
Natural Flow	33.5	62.5	6.2	27.8	41.3
Stored Flow	12.6	588.9	0.0	262.2	262.2
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	8.2	2.1	21.8
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.0	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	15.0	2.4	73.2
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.5	6.5	25.8	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	16.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	33.7	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	75.0	17.6	467.2
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	479.5
9 NEILSEN	41.0	8.3	44.9	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	0.0	0.0	5 SUTTER	6.0	2.8	11.1
9 CHILLY	51.4	0.0	214.2	8 Broken River Dit	1.5	1.5	14.9	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	15.0	10.1	115.2
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	0.0	0.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.5	0.3	1.8	4 3IN1	38.8	6.9	116.1
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	2.2	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	140.0	56.6	732.8
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	0.0	0.0	0.0	2 EASTSIDE FHDiv	46.0	12.6	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	32.6	389.3	5593.2
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	0.0	0.0	0.0	2 MUNSEY	49.9	389.3	5593.2
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.4	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	0.0	1.4	12.5	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 09, 2017	0.59	0.59	0.59	100.0%
18750601	483	12	LONGHURST	13121505	9	May 09, 2017	4.61	4.61	4.61	100.0%
18800601	93	723	ARCO	13132365	2	May 12, 2017	0.04	0.09	0.04	100.0%
18800601	370	530	ARCO	13132365	2	May 12, 2017	0.15	0.34	0.15	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 10, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 10, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 10, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 10, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 10, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 09, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 10, 2017	3.00	3.00	3.00	100.0%
18830601	645	464	MOORE	13132050	4	May 12, 2017	0.11	0.16	0.11	100.0%
18830601	2331	465	MOORE	13132050	4	May 12, 2017	0.79	1.18	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	May 12, 2017	1.52	2.27	1.52	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 12, 2017	0.43	0.64	0.43	100.0%
18830810	192	1109	Upper Eastside &	13132101	2	May 12, 2017	0.21	0.32	0.21	100.0%
18830810	263	393	MOORE	13132050	4	May 12, 2017	0.18	0.27	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	May 12, 2017	1.50	2.24	1.50	100.0%
18830810	96	449	MOORE	13132050	4	May 12, 2017	0.48	0.72	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	May 12, 2017	0.18	0.27	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 11, 2017	0.68	0.68	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 12, 2017	1.64	2.45	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	May 12, 2017	0.14	0.21	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 11, 2017	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	May 11, 2017	1.01	1.01	1.01	100.0%
18840422	585	951	SWAUGER	13127600	5	May 11, 2017	0.18	0.18	0.18	100.0%
18840422	201	83	SWAUGER	13127600	5	May 11, 2017	1.12	1.12	1.12	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 11, 2017	0.96	0.96	0.96	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 11, 2017	0.55	0.55	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 11, 2017	1.63	1.63	1.63	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 11, 2017	1.44	1.44	1.44	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 11, 2017	2.17	2.17	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 11, 2017	0.20	0.20	0.20	100.0%
18840422	360	133	BURNETT	13127750	5	May 11, 2017	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	May 11, 2017	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	May 11, 2017	0.50	0.50	0.50	100.0%
18840422	397	10	SHARP	13126500	6	May 10, 2017	0.12	0.12	0.12	100.0%
18840422	632	1539	SHARP	13126500	6	May 10, 2017	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	May 10, 2017	2.99	2.99	2.99	100.0%
18840422	24	120	SHARP	13126500	6	May 10, 2017	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	May 10, 2017	0.62	0.62	0.62	100.0%
18840422	390	406	SHARP	13126500	6	May 10, 2017	0.09	0.09	0.09	100.0%
18840430	119	1366	BURNETT	13127750	5	May 11, 2017	0.40	0.40	0.40	100.0%
18840430	623	1519	BURNETT	13127750	5	May 11, 2017	0.40	0.40	0.40	100.0%
18840430	73	194	BURNETT	13127750	5	May 11, 2017	0.77	0.77	0.77	100.0%
18840430	73	193	BURNETT	13127750	5	May 11, 2017	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	May 11, 2017	1.60	1.60	1.60	100.0%
18840430	139	1368	BURNETT	13127750	5	May 11, 2017	0.80	0.80	0.80	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 10, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 10, 2017	0.22	0.22	0.22	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 12, 2017	0.16	0.24	0.16	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 12, 2017	0.18	0.27	0.18	100.0%
18840520	187	1441	Lower Eastside &	13132291	2	May 12, 2017	0.01	0.01	0.01	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 12, 2017	1.15	1.72	1.15	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 12, 2017	0.80	1.19	0.80	100.0%
18840520	66	266	MOORE	13132050	4	May 12, 2017	0.02	0.03	0.02	100.0%
18840520	2335	265	MOORE	13132050	4	May 12, 2017	0.84	1.25	0.84	100.0%
18840520	2333	657	MOORE	13132050	4	May 12, 2017	1.00	1.49	1.00	100.0%
18840520	2332	753	MOORE	13132050	4	May 12, 2017	0.42	0.63	0.42	100.0%

18840520	2331	471	MOORE	13132050	4	May 12, 2017	2.14	3.19	2.14	100.0%
18840520	2332	752	MOORE	13132050	4	May 12, 2017	0.36	0.54	0.36	100.0%
18840520	219	547	MOORE	13132050	4	May 12, 2017	1.15	1.72	1.15	100.0%
18840520	263	394	MOORE	13132050	4	May 12, 2017	0.22	0.33	0.22	100.0%
18840520	459	1478	MOORE	13132050	4	May 12, 2017	0.01	0.01	0.01	100.0%
18840520	459	797	MOORE	13132050	4	May 12, 2017	1.20	1.79	1.20	100.0%
18840520	427	1	MOORE	13132050	4	May 12, 2017	1.04	1.55	1.04	100.0%
18840520	2331	463	MOORE	13132050	4	May 12, 2017	2.24	3.34	2.24	100.0%
18840520	433	271	MOORE	13132050	4	May 12, 2017	0.54	0.81	0.54	100.0%
18840520	85	1584	MOORE	13132050	4	May 12, 2017	0.22	0.33	0.22	100.0%
18840520	645	462	MOORE	13132050	4	May 12, 2017	0.32	0.48	0.32	100.0%
18840520	96	451	MOORE	13132050	4	May 12, 2017	0.58	0.87	0.58	100.0%
18840520	340	816	MOORE	13132050	4	May 12, 2017	0.34	0.51	0.34	100.0%
18840531	338	122	DARLINGTON	13127735	5	May 11, 2017	0.72	0.72	0.72	100.0%
18840601	85	1585	MOORE	13132050	4	May 12, 2017	0.08	0.12	0.08	100.0%
18840601	15	131	MOORE	13132050	4	May 12, 2017	0.37	0.55	0.37	100.0%
18840601	85	1544	MOORE	13132050	4	May 12, 2017	0.09	0.13	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	May 12, 2017	0.54	0.81	0.54	100.0%
18840601	263	395	MOORE	13132050	4	May 12, 2017	0.08	0.12	0.08	100.0%
18840601	96	453	MOORE	13132050	4	May 12, 2017	0.21	0.31	0.21	100.0%
18840601	623	1504	BURNETT	13127750	5	May 11, 2017	0.27	0.27	0.27	100.0%
18840601	139	711	BURNETT	13127750	5	May 11, 2017	0.80	0.80	0.80	100.0%
18840601	623	1493	BURNETT	13127750	5	May 11, 2017	0.20	0.20	0.20	100.0%
18840601	623	1505	BURNETT	13127750	5	May 11, 2017	0.40	0.40	0.40	100.0%
18840601	73	200	BURNETT	13127750	5	May 11, 2017	0.23	0.23	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	May 11, 2017	0.73	0.73	0.73	100.0%
18840601	360	693	BURNETT	13127750	5	May 11, 2017	0.80	0.80	0.80	100.0%
18840601	73	199	BURNETT	13127750	5	May 11, 2017	0.37	0.37	0.37	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 10, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 09, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 09, 2017	0.40	0.40	0.40	100.0%
18840715	459	1195	MOORE	13132050	4	May 12, 2017	1.20	1.79	1.20	100.0%
18840715	133	324	MOORE	13132050	4	May 12, 2017	0.74	1.10	0.74	100.0%
18840715	15	799	MOORE	13132050	4	May 12, 2017	0.80	1.19	0.80	100.0%
18840715	115	323	MOORE	13132050	4	May 12, 2017	0.74	1.10	0.74	100.0%
18840715	44	1005	MOORE	13132050	4	May 12, 2017	0.80	1.19	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 12, 2017	1.20	1.79	1.20	100.0%
18840731	44	1131	MOORE	13132050	4	May 12, 2017	0.80	1.19	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	May 12, 2017	0.80	1.19	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 12, 2017	0.20	0.30	0.20	100.0%
18840831	192	772	Upper Eastside &	13132101	2	May 12, 2017	0.40	0.60	0.40	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 12, 2017	0.50	0.75	0.50	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 12, 2017	0.44	0.66	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	May 12, 2017	3.20	4.78	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 10, 2017	1.74	1.74	1.74	100.0%
18840914	360	68	BURNETT	13127750	5	May 11, 2017	0.80	0.80	0.80	100.0%
18840914	623	1494	BURNETT	13127750	5	May 11, 2017	0.40	0.40	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	May 11, 2017	0.40	0.40	0.40	100.0%
18841012	205	557	BECK	13130525	4	May 12, 2017	1.76	2.63	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	May 12, 2017	1.25	1.87	1.25	100.0%
18841012	70	341	MOORE	13132050	4	May 12, 2017	0.31	0.46	0.31	100.0%
18841012	459	342	MOORE	13132050	4	May 12, 2017	0.58	0.87	0.58	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 11, 2017	0.81	0.81	0.81	100.0%
18841012	317	385	SWAUGER	13127600	5	May 11, 2017	0.74	0.74	0.74	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 11, 2017	0.80	0.80	0.80	100.0%
18841012	524	11	SWAUGER	13127600	5	May 11, 2017	2.78	2.78	2.78	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 11, 2017	0.27	0.27	0.27	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 11, 2017	2.77	2.77	2.77	100.0%
18841012	347	1141	SHARP	13126500	6	May 10, 2017	0.79	0.79	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 11, 2017	2.00	2.00	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 11, 2017	0.79	0.79	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 11, 2017	1.65	1.65	1.65	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 11, 2017	1.10	1.10	1.10	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 11, 2017	0.61	0.61	0.61	100.0%

18850501	380	1177	Lower Eastside &	13132291	2	May 12, 2017	1.64	2.45	1.64	100.0%
18850501	426	887	ARCO	13132365	2	May 12, 2017	0.64	1.44	0.64	100.0%
18850501	255	401	NEILSEN	13120805	9	May 09, 2017	0.50	0.50	0.50	100.0%
18850512	192	1399	Upper Eastside &	13132101	2	May 12, 2017	0.20	0.30	0.20	100.0%
18850512	251	22	Upper Eastside &	13132101	2	May 12, 2017	1.40	2.09	1.40	100.0%
18850530	282	1190	SUTTER	13128105	5	May 11, 2017	0.20	0.20	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	May 12, 2017	2.72	4.06	2.72	100.0%
18850531	63	1354	MOORE	13132050	4	May 12, 2017	1.44	2.15	1.44	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 11, 2017	3.17	3.17	2.18	68.8%
18850601	205	554	BECK	13130525	4	May 12, 2017	0.59	0.88	0.59	100.0%
18850601	15	859	MOORE	13132050	4	May 12, 2017	0.50	0.75	0.50	100.0%
18850601	525	1464	BURNETT	13127750	5	May 11, 2017	1.54	1.54	1.54	100.0%
18850601	405	1182	SHARP	13126500	6	May 10, 2017	0.04	0.04	0.04	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 09, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 11, 2017	3.08	3.08	3.08	100.0%
18851002	437	62	ARCO	13132365	2	May 12, 2017	1.54	3.48	1.54	100.0%
18851002	93	726	ARCO	13132365	2	May 12, 2017	0.50	1.13	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	May 12, 2017	1.16	2.62	1.16	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 10, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 12, 2017	6.08	9.07	6.08	100.0%
18860501	305	927	3IN1	13130605	4	May 12, 2017	0.87	1.29	0.87	100.0%
18860501	417	1050	MOORE	13132050	4	May 12, 2017	2.80	4.18	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 12, 2017	1.20	1.79	1.20	100.0%
18860512	634	1543	Upper Eastside &	13132101	2	May 12, 2017	1.77	2.64	1.77	100.0%
18860512	96	459	MOORE	13132050	4	May 12, 2017	0.48	0.72	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	May 12, 2017	0.18	0.27	0.18	100.0%
18860512	263	398	MOORE	13132050	4	May 12, 2017	0.18	0.27	0.18	100.0%
18860601	306	851	Upper Eastside &	13132101	2	May 12, 2017	1.36	2.03	1.36	100.0%
18860601	16	1009	MOORE	13132050	4	May 12, 2017	2.52	3.76	2.52	100.0%
18860601	339	1010	MOORE	13132050	4	May 12, 2017	0.68	1.01	0.68	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 10, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 10, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 12, 2017	0.98	1.46	0.98	100.0%
18860630	251	928	Upper Eastside &	13132101	2	May 12, 2017	0.80	1.19	0.80	100.0%
18860721	336	294	BURNETT	13127750	5	May 11, 2017	0.80	0.80	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 11, 2017	3.00	3.00	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 12, 2017	0.82	1.22	0.82	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 10, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 11, 2017	1.52	1.52	1.52	100.0%
18870313	433	683	MOORE	13132050	4	May 12, 2017	0.70	1.04	0.70	100.0%
18870313	70	337	MOORE	13132050	4	May 12, 2017	0.23	0.34	0.23	100.0%
18870313	459	338	MOORE	13132050	4	May 12, 2017	0.42	0.63	0.42	100.0%
18870313	360	681	BURNETT	13127750	5	May 11, 2017	0.80	0.80	0.80	100.0%
18870313	73	202	BURNETT	13127750	5	May 11, 2017	0.65	0.65	0.65	100.0%
18870313	73	201	BURNETT	13127750	5	May 11, 2017	1.05	1.05	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 09, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 10, 2017	3.30	3.30	3.30	100.0%
18870601	305	1351	3IN1	13130605	4	May 12, 2017	1.00	1.49	1.00	100.0%
18870601	139	845	BURNETT	13127750	5	May 11, 2017	0.34	0.34	0.34	100.0%
18870601	73	195	BURNETT	13127750	5	May 11, 2017	1.11	1.11	1.11	100.0%
18870601	73	196	BURNETT	13127750	5	May 11, 2017	0.69	0.69	0.69	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 10, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 10, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 09, 2017	0.27	0.27	0.27	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 09, 2017	2.13	2.13	2.13	100.0%
18870630	236	1428	BECK	13130525	4	May 12, 2017	0.80	1.19	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 11, 2017	0.80	0.80	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 11, 2017	0.80	0.80	0.80	100.0%
18870801	119	1166	BURNETT	13127750	5	May 11, 2017	0.27	0.27	0.27	100.0%
18870801	623	1508	BURNETT	13127750	5	May 11, 2017	0.53	0.53	0.53	100.0%
18870801	73	189	BURNETT	13127750	5	May 11, 2017	0.12	0.12	0.12	100.0%
18870831	119	1154	BURNETT	13127750	5	May 11, 2017	1.20	1.20	1.20	100.0%
18870831	623	1507	BURNETT	13127750	5	May 11, 2017	1.20	1.20	1.20	100.0%
18880601	223	889	Upper Eastside &	13132101	2	May 12, 2017	1.92	2.87	1.92	100.0%

18880601	437	670	ARCO	13132365	2	May 12, 2017	0.33	0.74	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 11, 2017	0.98	0.98	0.98	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 11, 2017	0.41	0.41	0.41	100.0%
18880601	347	1138	SHARP	13126500	6	May 10, 2017	1.20	1.20	1.20	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 10, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 09, 2017	0.14	0.14	0.14	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 09, 2017	1.06	1.06	1.06	100.0%
18880601	629	1497	HOWELL	13120490	10	May 08, 2017	1.60	1.60	1.60	100.0%
18880801	442	750	MUNSEY	13132375	2	May 12, 2017	0.40	0.90	0.40	100.0%
18890601	441	205	MOORE	13132050	4	May 12, 2017	0.97	1.45	0.97	100.0%
18890601	463	1396	MOORE	13132050	4	May 12, 2017	0.20	0.30	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	May 12, 2017	0.30	0.45	0.30	100.0%
18890601	652	1566	MOORE	13132050	4	May 12, 2017	0.50	0.75	0.50	100.0%
18890601	336	979	BURNETT	13127750	5	May 11, 2017	0.64	0.64	0.64	100.0%
18890601	623	1503	BURNETT	13127750	5	May 11, 2017	0.46	0.46	0.46	100.0%
18890601	589	716	BURNETT	13127750	5	May 11, 2017	2.70	2.70	2.70	100.0%
18890601	119	996	BURNETT	13127750	5	May 11, 2017	0.40	0.40	0.40	100.0%
18890601	475	969	BURNETT	13127750	5	May 11, 2017	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	May 12, 2017	0.57	1.29	0.57	100.0%
18900601	372	886	ARCO	13132365	2	May 12, 2017	0.59	1.33	0.59	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 10, 2017	3.20	3.20	3.20	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 09, 2017	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 09, 2017	1.76	1.76	1.76	100.0%
18910630	205	555	BECK	13130525	4	May 12, 2017	0.09	0.13	0.09	100.0%
18910630	44	1253	MOORE	13132050	4	May 12, 2017	0.50	0.75	0.50	100.0%
18910630	44	1003	MOORE	13132050	4	May 12, 2017	0.76	1.13	0.76	100.0%
18910630	2332	1254	MOORE	13132050	4	May 12, 2017	0.48	0.72	0.48	100.0%
18910630	2332	1255	MOORE	13132050	4	May 12, 2017	0.26	0.39	0.26	100.0%
18910801	307	77	CHILLY	13121105	9	May 09, 2017	5.20	5.20	5.20	100.0%
18930201	417	380	MOORE	13132050	4	May 12, 2017	0.22	0.33	0.22	100.0%
18940310	265	1223	BURNETT	13127750	5	May 11, 2017	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 11, 2017	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	May 09, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 10, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 12, 2017	0.80	1.19	0.80	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 12, 2017	3.20	4.78	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 12, 2017	0.15	0.22	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 11, 2017	0.11	0.11	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	May 11, 2017	1.60	1.60	1.60	100.0%
18940601	390	408	SHARP	13126500	6	May 10, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 09, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 11, 2017	1.10	1.10	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 09, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	May 12, 2017	0.80	1.19	0.80	100.0%
18950601	634	1554	Upper Eastside &	13132101	2	May 12, 2017	0.02	0.03	0.02	100.0%
18950601	417	378	MOORE	13132050	4	May 12, 2017	0.10	0.15	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 11, 2017	2.14	2.14	2.14	100.0%
18950601	445	411	NEILSEN	13120805	9	May 09, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 09, 2017	0.18	0.18	0.18	100.0%
18950630	265	1224	BURNETT	13127750	5	May 11, 2017	2.62	2.62	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 10, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	May 12, 2017	1.47	2.19	1.47	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 12, 2017	0.70	1.04	0.70	100.0%
18960601	192	1405	Upper Eastside &	13132101	2	May 12, 2017	0.04	0.05	0.04	100.0%
18960601	441	207	MOORE	13132050	4	May 12, 2017	1.00	1.49	1.00	100.0%
18960601	96	461	MOORE	13132050	4	May 12, 2017	0.73	1.09	0.73	100.0%
18960601	652	1567	MOORE	13132050	4	May 12, 2017	0.58	0.87	0.58	100.0%
18960601	417	381	MOORE	13132050	4	May 12, 2017	2.40	3.58	2.40	100.0%
18960601	417	992	MOORE	13132050	4	May 12, 2017	1.20	1.79	1.20	100.0%
18960601	85	1522	MOORE	13132050	4	May 12, 2017	0.32	0.48	0.32	100.0%
18960601	15	1106	MOORE	13132050	4	May 12, 2017	1.17	1.75	1.17	100.0%
18960601	85	1521	MOORE	13132050	4	May 12, 2017	0.23	0.34	0.23	100.0%
18960601	463	128	MOORE	13132050	4	May 12, 2017	1.60	2.39	1.60	100.0%
18960601	96	457	MOORE	13132050	4	May 12, 2017	0.92	1.37	0.92	100.0%

18960601	13	1119	MOORE	13132050	4	May 12, 2017	0.40	0.60	0.40	100.0%
18960601	459	993	MOORE	13132050	4	May 12, 2017	0.40	0.60	0.40	100.0%
18960601	263	397	MOORE	13132050	4	May 12, 2017	0.35	0.52	0.35	100.0%
18960601	339	1118	MOORE	13132050	4	May 12, 2017	1.57	2.34	1.57	100.0%
18960601	263	399	MOORE	13132050	4	May 12, 2017	0.27	0.40	0.27	100.0%
18960601	2334	1495	MOORE	13132050	4	May 12, 2017	2.22	3.31	2.22	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 10, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 12, 2017	2.00	4.51	2.00	100.0%
18960801	405	1185	SHARP	13126500	6	May 10, 2017	0.04	0.04	0.04	100.0%
18960901	437	671	ARCO	13132365	2	May 12, 2017	0.13	0.29	0.13	100.0%
18960928	392	840	MUNSEY	13132375	2	May 12, 2017	4.04	9.12	4.04	100.0%
18970510	437	664	ARCO	13132365	2	May 12, 2017	1.74	3.93	1.74	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 12, 2017	1.34	2.00	1.34	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 11, 2017	0.22	0.22	0.22	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 12, 2017	0.24	0.36	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 10, 2017	2.40	2.40	2.40	100.0%
18980601	192	1406	Upper Eastside &	13132101	2	May 12, 2017	0.27	0.41	0.27	100.0%
18980601	437	1310	ARCO	13132365	2	May 12, 2017	0.84	1.90	0.84	100.0%
18980601	483	1274	CHILLY	13121105	9	May 09, 2017	0.27	0.27	0.27	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 09, 2017	2.13	2.13	2.13	100.0%
18980901	268	562	ARCO	13132365	2	May 12, 2017	1.57	3.54	1.57	100.0%
18980901	590	825	ARCO	13132365	2	May 12, 2017	0.66	1.49	0.66	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 10, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 10, 2017	0.50	0.50	0.50	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 12, 2017	0.29	0.43	0.29	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 12, 2017	0.84	1.25	0.84	100.0%
18990327	180	468	Upper Eastside &	13132101	2	May 12, 2017	0.05	0.07	0.05	100.0%
18990327	187	18	Lower Eastside &	13132291	2	May 12, 2017	0.03	0.04	0.03	100.0%
18990327	219	549	MOORE	13132050	4	May 12, 2017	0.15	0.22	0.15	100.0%
18990327	645	466	MOORE	13132050	4	May 12, 2017	0.01	0.01	0.01	100.0%
18990327	459	1477	MOORE	13132050	4	May 12, 2017	0.01	0.01	0.01	100.0%
18990327	459	1090	MOORE	13132050	4	May 12, 2017	0.60	0.90	0.60	100.0%
18990327	2331	467	MOORE	13132050	4	May 12, 2017	0.60	0.90	0.60	100.0%
18990327	433	272	MOORE	13132050	4	May 12, 2017	0.48	0.72	0.48	100.0%
18990327	2331	469	MOORE	13132050	4	May 12, 2017	0.03	0.04	0.03	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 12, 2017	2.80	6.32	2.80	100.0%
18990601	201	705	SWAUGER	13127600	5	May 11, 2017	0.28	0.28	0.28	100.0%
18990601	360	704	BURNETT	13127750	5	May 11, 2017	0.40	0.40	0.40	100.0%
18990601	490	981	BURNETT	13127750	5	May 11, 2017	0.80	0.80	0.80	100.0%
18990601	307	72	NEILSEN	13120805	9	May 09, 2017	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	May 12, 2017	0.80	1.81	0.80	100.0%
19001101	310	833	CHILLY	13121105	9	May 09, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 10, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 10, 2017	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	May 12, 2017	0.23	0.34	0.23	100.0%
19010901	433	685	MOORE	13132050	4	May 12, 2017	0.47	0.70	0.47	100.0%
19010901	70	339	MOORE	13132050	4	May 12, 2017	0.12	0.18	0.12	100.0%
19011001	263	396	MOORE	13132050	4	May 12, 2017	0.08	0.12	0.08	100.0%
19011001	96	455	MOORE	13132050	4	May 12, 2017	0.30	0.45	0.30	100.0%
19011102	426	1159	ARCO	13132365	2	May 12, 2017	1.32	2.98	1.32	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 09, 2017	2.60	2.60	2.60	100.0%
19020301	15	81	MOORE	13132050	4	May 12, 2017	0.76	1.13	0.76	100.0%
19020301	15	1121	MOORE	13132050	4	May 12, 2017	0.11	0.16	0.11	100.0%
19020301	13	1122	MOORE	13132050	4	May 12, 2017	0.31	0.46	0.31	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 10, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 09, 2017	0.86	0.86	0.86	100.0%
19020301	609	1492	CHILLY	13121105	9	May 09, 2017	3.40	3.40	3.40	100.0%
19020301	483	1500	CHILLY	13121105	9	May 09, 2017	1.60	1.60	1.60	100.0%
19020301	373	24	CHILLY	13121105	9	May 09, 2017	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 09, 2017	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	May 09, 2017	0.80	0.80	0.80	100.0%
19020304	129	1062	CHILLY	13121105	9	May 09, 2017	3.20	3.20	3.20	100.0%
19020401	1	978	6X Ranch 6	13124100	8	May 10, 2017	2.20	2.20	2.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 09, 2017	0.80	0.80	0.80	100.0%

19020415	483	376	LONGHURST	13121505	9	May 09, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 12, 2017	1.84	2.75	1.84	100.0%
19020501	310	631	CHILLY	13121105	9	May 09, 2017	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	May 08, 2017	0.62	0.62	0.62	100.0%
19020601	339	1015	MOORE	13132050	4	May 12, 2017	0.66	0.98	0.66	100.0%
19020601	16	1014	MOORE	13132050	4	May 12, 2017	0.92	1.37	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 10, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 09, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 09, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 10, 2017	1.74	1.74	1.74	100.0%
19040517	16	1074	MOORE	13132050	4	May 12, 2017	1.46	2.18	1.46	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 11, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	May 09, 2017	0.33	0.33	0.33	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 10, 2017	1.20	1.20	0.02	1.7%
19050501	498	779	BRADSHAW	13120705	9	May 09, 2017	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 09, 2017	0.02	0.02	0.02	100.0%
19050501	154	812	NEILSEN	13120805	9	May 09, 2017	0.10	0.10	0.10	100.0%
19050501	1	37	NEILSEN	13120805	9	May 09, 2017	0.68	0.68	0.68	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 09, 2017	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 09, 2017	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 09, 2017	0.82	0.82	0.82	100.0%
19050501	255	402	NEILSEN	13120805	9	May 09, 2017	0.50	0.50	0.50	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 09, 2017	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	May 09, 2017	0.30	0.30	0.30	100.0%
19050501	373	432	CHILLY	13121105	9	May 09, 2017	0.58	0.58	0.58	100.0%
19050501	129	1063	CHILLY	13121105	9	May 09, 2017	0.80	0.80	0.80	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 09, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 08, 2017	2.58	2.58	2.58	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 09, 2017	1.08	1.08	1.08	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 09, 2017	1.30	1.30	1.30	100.0%
19080401	483	848	LONGHURST	13121505	9	May 09, 2017	2.10	2.10	2.10	100.0%
19081207	459	344	MOORE	13132050	4	May 12, 2017	0.33	0.49	0.33	100.0%
19081207	70	343	MOORE	13132050	4	May 12, 2017	0.16	0.24	0.16	100.0%
19100501	131	69	Donahue 1	13122230	8	May 10, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 10, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 09, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 09, 2017	0.80	0.80	0.80	100.0%
19120401	483	13	LONGHURST	13121505	9	May 09, 2017	1.18	1.18	1.18	99.9%
19120513	101	1069	NEILSEN	13120805	9	May 09, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 09, 2017	0.03	0.03	0.03	100.0%
19121014	403	813	NEILSEN	13120805	9	May 09, 2017	0.40	0.40	0.40	100.0%
19131224	373	25	CHILLY	13121105	9	May 09, 2017	0.20	0.20	0.20	100.0%
19140601	154	914	NEILSEN	13120805	9	May 09, 2017	0.80	0.80	0.80	100.0%
19160501	129	633	CHILLY	13121105	9	May 09, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 10, 2017	1.36	1.36	1.36	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 10, 2017	0.27	0.27	0.27	100.0%
19240806	417	695	MOORE	13132050	4	May 12, 2017	0.50	0.75	0.50	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 12, 2017	4.40	9.93	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 12, 2017	13.74	31.02	13.74	100.0%
19770529	327	176	MUNSEY	13132375	2	May 12, 2017	1.34	3.03	1.34	100.0%
19950203	476	1272	3IN1	13130605	4	May 12, 2017	30.00	44.77	30.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 12, 2017	9.98	14.89	9.98	100.0%
19950411	476	1273	BURNETT	13127750	5	May 11, 2017	9.66	9.66	9.66	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 09, 2017	10.97	10.97	10.97	100.0%
19950411	476	1273	CHILLY	13121105	9	May 09, 2017	15.00	15.00	15.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 10, 2017	10000.00	10000.00	1304.98	13.0%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 9	2460.0	4.8		2464.8	0.00	2464.8	4.8	0.0		2460.0	0.0	
9	Howell to Chilly	May 10	2040.0	134.9		-285.1	0.12	2179.7	116.1	18.8		2058.8	-18.8	
8	Chilly to Reservoir	* May 11	1772.3	67.0		-200.6	0.10	1979.0	63.9	3.2		1794.3	-22.0	
	Disconnected													
7	Mackay Reservoir	* May 11	1448.2	0.0		1772.3	0.00	1861.7	1432.5			429.2		
6	Reservoir to 2B	May 11	1440.0	8.2		0.0	0.00	1855.6	6.1	2.1		423.0	1017.0	
5	2B to Leslie	May 12	1360.0	169.4		89.4	0.00	1743.1	112.5	56.9		310.5	1049.5	
4	Leslie to Eastside In	May 13	717.4	210.8		-431.8	0.32	1523.9	120.5	90.3		91.4	626.0	
2a	Eastside In To Weirs	* May 13	317.9	12.2	0.0	-387.3	0.54	1466.8	7.8	4.4		34.2	283.7	0.0
2b	Weirs To Eastside Out	* May 13	470.7	9.3	0.0	162.1	-0.51	1474.9	9.4	-0.1		42.3	283.7	0.0
2c	Eastside Out To Blw Muns	* May 13	375.9	94.8	0.0	0.0	0.00	1432.5	42.3	52.5	0.0	0.0	231.3	0.0
1	Blw Munsey to Arco	May 13	280.0	0.0		-95.9	0.26	1425.0	0.0	0.0		0.0	231.3	
3	River blw Moore Div	May 13	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	1916.0	228.1	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 9	0.0		20090101	14%	1	18800630	3.2	556.5	69.8	
9	Howell to Chilly	May 10	-285.1		20090101	14%	2	18810630	1.7	294.0	37.1	
8	Chilly to Reservoir	May 11	-200.6		20090101	14%	3	18880601	3.2	556.5	69.8	
	Disconnected						4	18960601	6.4	1113.0	139.6	
7	Mackay Reservoir	May 11	0.0		20090101	14%	5	19020301	0.8	140.0	17.5	
6	Reservoir to 2B	May 11	0.0	0.0	20090101	14%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 12	0.0	0.0	20090101	14%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 13	-98.6	-333.2	20090101	14%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 13	-49.3	-338.0	0.0	20090101	14%	9	Add Vol	Unlimited	200000.0	46188.8
2b	Weirs To Eastside Out	May 13	17.5	0.0	0.0	20090101	14%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 13	0.0	0.0	0.0	20090101	14%		TOTAL		296511.0	90373.6
1	Blw Munsey to Arco	May 13	0.0	-231.3	0.0	20090101	14%					
3	River blw Moore Div	May 13	0.0	0.0	20090101	14%						
	TOTAL		-616.2	-897.4	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
20010.0	20640.0		630.0	317.6	6.5	298.7	211.1	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	21673.6
Total Storage Loss	-14606.9
Total Storage Deliver	-2756.9
Total Evaporation	-149.5
Accounting Balance	<u>20640.3</u>
Current Res Content	20640.0
Storage Balance Error	0.3

DAILY STORAGE BALANCE

20010.0 Reservoir Content Previous Day [ac-ft]
20640.0 Reservoir Content Current Day [ac-ft]
630.0 Physical Change in Storage [ac-ft]

2841.5 Storage Allocated to Mackay Reservoir [ac-ft]
-1779.8 Stored Flow Losses [ac-ft]
0.0 2B to Leslie [cfs]
-333.2 Leslie to Moore [cfs]
-564.1 Eastside [cfs]
0.0 River blw Moore [cfs]
-418.9 Storage Delivered [ac-ft]
2.1 Reservoir to 2B [cfs]
56.9 2B to Leslie [cfs]
90.3 Leslie to Moore [cfs]
61.9 Eastside to blw Munsey [cfs]
-12.9 Evaporation [ac-ft]
629.9 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1861.7 Natural Flow into Mackay Reservoir [cfs]

1432.5 Reservoir Rights Diverted [cfs]
117.2 Natural Flow Losses below Reservoir [cfs]
0.0 2B to Leslie [cfs]
-98.6 Leslie to Moore [cfs]
-18.6 Eastside as River [cfs]
311.9 Natural Flow Delivered [cfs]
6.1 Reservoir to 2B [cfs]
112.5 2B to Leslie [cfs]
120.5 Leslie to Moore [cfs]
72.8 Eastside to blw Munsey [cfs]
1861.6 Natural Flow Delivered & Lost [cfs]

0.1 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	Flow Out
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	717.4			12.2	-14.3	297.0	20.9	-387.3	54.0%	317.9
Natural Flow	91.4			7.8	-9.2			-49.3		34.2
Stored Flow	626.0			4.4	-5.1			-338.0		283.7
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	297.0	20.9		9.3	-4.1	470.7	162.1	-51.0%	-206.8
Natural Flow				9.4	-4.1	204.4	17.5		-18.6
Stored Flow				-0.1	0.0	283.7	0.0		-332.9
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	470.7	94.8	375.9	
Natural Flow	204.4	42.3	162.1	
Stored Flow	283.7	52.5	231.3	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	39.9	677.5	6.2	311.7	470.7
Natural Flow	30.5	60.9	6.2	28.0	42.3
Stored Flow	9.4	616.6	0.0	283.7	283.7
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	8.2	2.1	25.9
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.0	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	22.4	3.9	81.0
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.5	6.5	38.7	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	14.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	41.7	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	101.0	26.0	518.7
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	527.6
9 NEILSEN	41.0	8.3	61.3	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	0.0	0.0	5 SUTTER	6.0	2.8	16.7
9 CHILLY	51.4	0.0	214.2	8 Broken River Dit	1.5	1.5	17.9	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	32.0	26.7	168.1
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	0.0	0.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.5	0.3	2.4	4 3IN1	38.8	6.9	129.8
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	2.2	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	140.0	56.6	845.2
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	0.0	0.0	0.0	2 EASTSIDE FHDiv	39.9	9.4	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	35.6	428.4	6442.9
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	0.0	0.0	0.0	2 MUNSEY	59.2	428.4	6442.9
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	1.8	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.4	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	0.0	1.4	15.2	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 10, 2017	0.59	0.59	0.59	100.0%
18750601	483	12	LONGHURST	13121505	9	May 10, 2017	4.61	4.61	4.61	100.0%
18800601	93	723	ARCO	13132365	2	May 13, 2017	0.04	0.08	0.04	100.0%
18800601	370	530	ARCO	13132365	2	May 13, 2017	0.15	0.32	0.15	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 11, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 11, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 11, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 11, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 11, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 10, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 11, 2017	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	May 13, 2017	0.79	1.16	0.79	100.0%
18830601	645	464	MOORE	13132050	4	May 13, 2017	0.11	0.16	0.11	100.0%
18830601	106	1082	MOORE	13132050	4	May 13, 2017	1.52	2.23	1.52	100.0%
18830810	192	1109	Upper Eastside &	13132101	2	May 13, 2017	0.21	0.31	0.21	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 13, 2017	0.43	0.63	0.43	100.0%
18830810	263	393	MOORE	13132050	4	May 13, 2017	0.18	0.26	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	May 13, 2017	1.50	2.20	1.50	100.0%
18830810	85	1583	MOORE	13132050	4	May 13, 2017	0.18	0.26	0.18	100.0%
18830810	96	449	MOORE	13132050	4	May 13, 2017	0.48	0.70	0.48	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 12, 2017	0.68	0.68	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 13, 2017	1.64	2.40	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	May 13, 2017	0.14	0.21	0.14	100.0%
18840422	585	951	SWAUGER	13127600	5	May 12, 2017	0.18	0.18	0.18	100.0%
18840422	201	83	SWAUGER	13127600	5	May 12, 2017	1.12	1.12	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 12, 2017	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	May 12, 2017	0.98	0.98	0.98	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 12, 2017	2.17	2.17	2.17	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 12, 2017	0.55	0.55	0.55	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 12, 2017	1.44	1.44	1.44	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 12, 2017	1.63	1.63	1.63	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 12, 2017	0.20	0.20	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 12, 2017	0.96	0.96	0.96	100.0%
18840422	360	133	BURNETT	13127750	5	May 12, 2017	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	May 12, 2017	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	May 12, 2017	0.50	0.50	0.50	100.0%
18840422	390	406	SHARP	13126500	6	May 11, 2017	0.09	0.09	0.09	100.0%
18840422	103	1289	SHARP	13126500	6	May 11, 2017	0.62	0.62	0.62	100.0%
18840422	632	1539	SHARP	13126500	6	May 11, 2017	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	May 11, 2017	2.99	2.99	2.99	100.0%
18840422	397	10	SHARP	13126500	6	May 11, 2017	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	May 11, 2017	0.08	0.08	0.08	100.0%
18840430	623	1519	BURNETT	13127750	5	May 12, 2017	0.40	0.40	0.40	100.0%
18840430	73	193	BURNETT	13127750	5	May 12, 2017	1.23	1.23	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	May 12, 2017	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	May 12, 2017	0.80	0.80	0.80	100.0%
18840430	360	67	BURNETT	13127750	5	May 12, 2017	1.60	1.60	1.60	100.0%
18840430	73	194	BURNETT	13127750	5	May 12, 2017	0.77	0.77	0.77	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 11, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 11, 2017	0.22	0.22	0.22	100.0%
18840520	187	1441	Lower Eastside &	13132291	2	May 13, 2017	0.01	0.01	0.01	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 13, 2017	0.16	0.23	0.16	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 13, 2017	1.15	1.68	1.15	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 13, 2017	0.18	0.27	0.18	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 13, 2017	0.80	1.17	0.80	100.0%
18840520	2331	463	MOORE	13132050	4	May 13, 2017	2.24	3.28	2.24	100.0%
18840520	433	271	MOORE	13132050	4	May 13, 2017	0.54	0.79	0.54	100.0%
18840520	427	1	MOORE	13132050	4	May 13, 2017	1.04	1.52	1.04	100.0%
18840520	459	797	MOORE	13132050	4	May 13, 2017	1.20	1.76	1.20	100.0%

18840520	219	547	MOORE	13132050	4	May 13, 2017	1.15	1.68	1.15	100.0%
18840520	2333	657	MOORE	13132050	4	May 13, 2017	1.00	1.47	1.00	100.0%
18840520	66	266	MOORE	13132050	4	May 13, 2017	0.02	0.03	0.02	100.0%
18840520	2331	471	MOORE	13132050	4	May 13, 2017	2.14	3.14	2.14	100.0%
18840520	645	462	MOORE	13132050	4	May 13, 2017	0.32	0.47	0.32	100.0%
18840520	2335	265	MOORE	13132050	4	May 13, 2017	0.84	1.23	0.84	100.0%
18840520	2332	752	MOORE	13132050	4	May 13, 2017	0.36	0.53	0.36	100.0%
18840520	340	816	MOORE	13132050	4	May 13, 2017	0.34	0.50	0.34	100.0%
18840520	263	394	MOORE	13132050	4	May 13, 2017	0.22	0.32	0.22	100.0%
18840520	96	451	MOORE	13132050	4	May 13, 2017	0.58	0.85	0.58	100.0%
18840520	85	1584	MOORE	13132050	4	May 13, 2017	0.22	0.32	0.22	100.0%
18840520	459	1478	MOORE	13132050	4	May 13, 2017	0.01	0.01	0.01	100.0%
18840520	2332	753	MOORE	13132050	4	May 13, 2017	0.42	0.62	0.42	100.0%
18840531	338	122	DARLINGTON	13127735	5	May 12, 2017	0.72	0.72	0.72	100.0%
18840601	85	1545	MOORE	13132050	4	May 13, 2017	0.54	0.79	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	May 13, 2017	0.08	0.12	0.08	100.0%
18840601	96	453	MOORE	13132050	4	May 13, 2017	0.21	0.31	0.21	100.0%
18840601	85	1544	MOORE	13132050	4	May 13, 2017	0.09	0.13	0.09	100.0%
18840601	15	131	MOORE	13132050	4	May 13, 2017	0.37	0.54	0.37	100.0%
18840601	263	395	MOORE	13132050	4	May 13, 2017	0.08	0.12	0.08	100.0%
18840601	73	200	BURNETT	13127750	5	May 12, 2017	0.23	0.23	0.23	100.0%
18840601	623	1504	BURNETT	13127750	5	May 12, 2017	0.27	0.27	0.27	100.0%
18840601	139	711	BURNETT	13127750	5	May 12, 2017	0.80	0.80	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	May 12, 2017	0.73	0.73	0.73	100.0%
18840601	623	1493	BURNETT	13127750	5	May 12, 2017	0.20	0.20	0.20	100.0%
18840601	151	1042	BURNETT	13127750	5	May 12, 2017	0.23	0.23	0.23	100.0%
18840601	73	199	BURNETT	13127750	5	May 12, 2017	0.37	0.37	0.37	100.0%
18840601	623	1505	BURNETT	13127750	5	May 12, 2017	0.40	0.40	0.40	100.0%
18840601	138	441	BURNETT	13127750	5	May 12, 2017	0.04	0.04	0.04	100.0%
18840601	297	712	BURNETT	13127750	5	May 12, 2017	0.80	0.80	0.80	100.0%
18840601	360	693	BURNETT	13127750	5	May 12, 2017	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 11, 2017	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 10, 2017	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 10, 2017	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 13, 2017	1.20	1.76	1.20	100.0%
18840715	133	324	MOORE	13132050	4	May 13, 2017	0.74	1.08	0.74	100.0%
18840715	115	323	MOORE	13132050	4	May 13, 2017	0.74	1.08	0.74	100.0%
18840715	44	1005	MOORE	13132050	4	May 13, 2017	0.80	1.17	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	May 13, 2017	1.20	1.76	1.20	100.0%
18840715	15	799	MOORE	13132050	4	May 13, 2017	0.80	1.17	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	May 13, 2017	0.80	1.17	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	May 13, 2017	0.80	1.17	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 13, 2017	0.20	0.29	0.20	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 13, 2017	0.50	0.73	0.50	100.0%
18840831	192	772	Upper Eastside &	13132101	2	May 13, 2017	0.40	0.59	0.40	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 13, 2017	0.44	0.64	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	May 13, 2017	3.20	4.69	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 11, 2017	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	May 12, 2017	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	May 12, 2017	0.80	0.80	0.80	100.0%
18840914	623	1494	BURNETT	13127750	5	May 12, 2017	0.40	0.40	0.40	100.0%
18841012	205	557	BECK	13130525	4	May 13, 2017	1.76	2.58	1.76	100.0%
18841012	70	341	MOORE	13132050	4	May 13, 2017	0.31	0.45	0.31	100.0%
18841012	459	342	MOORE	13132050	4	May 13, 2017	0.58	0.85	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	May 13, 2017	1.25	1.83	1.25	100.0%
18841012	524	11	SWAUGER	13127600	5	May 12, 2017	2.78	2.78	2.78	100.0%
18841012	317	385	SWAUGER	13127600	5	May 12, 2017	0.74	0.74	0.74	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 12, 2017	0.80	0.80	0.80	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 12, 2017	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 12, 2017	2.77	2.77	2.77	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 12, 2017	0.26	0.26	0.26	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 12, 2017	3.00	3.00	3.00	100.0%
18841012	347	1141	SHARP	13126500	6	May 11, 2017	0.79	0.79	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 12, 2017	1.10	1.10	1.10	100.0%

18850218	252	351	DARLINGTON	13127735	5	May 12, 2017	0.61	0.61	0.61	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 12, 2017	0.79	0.79	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 12, 2017	2.00	2.00	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 12, 2017	1.65	1.65	1.65	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	May 13, 2017	1.36	1.99	1.36	100.0%
18850501	426	887	ARCO	13132365	2	May 13, 2017	0.64	1.35	0.64	100.0%
18850501	255	401	NEILSEN	13120805	9	May 10, 2017	0.50	0.50	0.50	100.0%
18850512	251	22	Upper Eastside &	13132101	2	May 13, 2017	1.40	2.05	1.40	100.0%
18850512	192	1399	Upper Eastside &	13132101	2	May 13, 2017	0.20	0.29	0.20	100.0%
18850530	282	1190	SUTTER	13128105	5	May 12, 2017	0.20	0.20	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	May 13, 2017	2.24	3.28	2.24	100.0%
18850531	63	1354	MOORE	13132050	4	May 13, 2017	1.44	2.11	1.44	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 12, 2017	3.20	3.20	0.18	5.6%
18850601	205	554	BECK	13130525	4	May 13, 2017	0.59	0.86	0.59	100.0%
18850601	15	859	MOORE	13132050	4	May 13, 2017	0.50	0.73	0.50	100.0%
18850601	525	1464	BURNETT	13127750	5	May 12, 2017	1.54	1.54	1.54	100.0%
18850601	405	1182	SHARP	13126500	6	May 11, 2017	0.04	0.04	0.04	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 10, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 12, 2017	3.08	3.08	3.08	100.0%
18851002	370	1592	ARCO	13132365	2	May 13, 2017	1.16	2.45	1.16	100.0%
18851002	93	726	ARCO	13132365	2	May 13, 2017	0.50	1.05	0.50	100.0%
18851002	437	62	ARCO	13132365	2	May 13, 2017	1.54	3.25	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 11, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 13, 2017	5.02	7.36	5.02	100.0%
18860501	305	927	3IN1	13130605	4	May 13, 2017	0.87	1.27	0.87	100.0%
18860501	417	1050	MOORE	13132050	4	May 13, 2017	2.80	4.10	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 13, 2017	1.20	1.76	1.20	100.0%
18860512	634	1543	Upper Eastside &	13132101	2	May 13, 2017	1.33	1.95	1.33	100.0%
18860512	85	1588	MOORE	13132050	4	May 13, 2017	0.18	0.26	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 13, 2017	0.48	0.70	0.48	100.0%
18860512	263	398	MOORE	13132050	4	May 13, 2017	0.18	0.26	0.18	100.0%
18860601	306	851	Upper Eastside &	13132101	2	May 13, 2017	1.14	1.67	1.14	100.0%
18860601	339	1010	MOORE	13132050	4	May 13, 2017	0.68	1.00	0.68	100.0%
18860601	16	1009	MOORE	13132050	4	May 13, 2017	2.52	3.69	2.52	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 11, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 11, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 13, 2017	0.82	1.20	0.82	100.0%
18860630	251	928	Upper Eastside &	13132101	2	May 13, 2017	0.20	0.29	0.20	100.0%
18860721	336	294	BURNETT	13127750	5	May 12, 2017	0.80	0.80	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 12, 2017	3.00	3.00	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 13, 2017	0.76	1.11	0.76	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 11, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 12, 2017	2.31	2.31	2.31	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	May 13, 2017	0.80	1.17	0.80	100.0%
18870313	459	338	MOORE	13132050	4	May 13, 2017	0.42	0.62	0.42	100.0%
18870313	70	337	MOORE	13132050	4	May 13, 2017	0.23	0.34	0.23	100.0%
18870313	433	683	MOORE	13132050	4	May 13, 2017	0.70	1.03	0.70	100.0%
18870313	73	201	BURNETT	13127750	5	May 12, 2017	1.05	1.05	1.05	100.0%
18870313	360	681	BURNETT	13127750	5	May 12, 2017	0.80	0.80	0.80	100.0%
18870313	73	202	BURNETT	13127750	5	May 12, 2017	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 10, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 11, 2017	3.30	3.30	3.30	100.0%
18870601	305	1351	3IN1	13130605	4	May 13, 2017	1.00	1.47	1.00	100.0%
18870601	139	845	BURNETT	13127750	5	May 12, 2017	0.68	0.68	0.68	100.0%
18870601	525	1471	BURNETT	13127750	5	May 12, 2017	0.61	0.61	0.61	100.0%
18870601	73	195	BURNETT	13127750	5	May 12, 2017	1.11	1.11	1.11	100.0%
18870601	73	196	BURNETT	13127750	5	May 12, 2017	0.69	0.69	0.69	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 11, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 11, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 10, 2017	0.27	0.27	0.27	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 10, 2017	2.13	2.13	2.13	100.0%
18870630	236	1428	BECK	13130525	4	May 13, 2017	0.80	1.17	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 12, 2017	0.80	0.80	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 12, 2017	0.80	0.80	0.80	100.0%

18870801	623	1508	BURNETT	13127750	5	May 12, 2017	0.53	0.53	0.53	100.0%
18870801	73	189	BURNETT	13127750	5	May 12, 2017	0.62	0.62	0.62	100.0%
18870801	119	1166	BURNETT	13127750	5	May 12, 2017	0.27	0.27	0.27	100.0%
18870801	73	190	BURNETT	13127750	5	May 12, 2017	0.38	0.38	0.38	100.0%
18870831	119	1154	BURNETT	13127750	5	May 12, 2017	1.20	1.20	1.20	100.0%
18870831	623	1507	BURNETT	13127750	5	May 12, 2017	1.20	1.20	1.20	100.0%
18880601	223	889	Upper Eastside &	13132101	2	May 13, 2017	1.60	2.34	1.60	100.0%
18880601	437	670	ARCO	13132365	2	May 13, 2017	0.33	0.70	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 12, 2017	0.98	0.98	0.98	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 12, 2017	0.39	0.39	0.39	100.0%
18880601	347	1138	SHARP	13126500	6	May 11, 2017	1.20	1.20	1.20	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 11, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 10, 2017	0.14	0.14	0.14	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 10, 2017	1.06	1.06	1.06	100.0%
18880601	629	1497	HOWELL	13120490	10	May 09, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	May 13, 2017	0.22	0.32	0.22	100.0%
18880801	442	750	MUNSEY	13132375	2	May 13, 2017	0.40	0.84	0.40	100.0%
18890601	463	1396	MOORE	13132050	4	May 13, 2017	0.20	0.29	0.20	100.0%
18890601	441	205	MOORE	13132050	4	May 13, 2017	0.97	1.42	0.97	100.0%
18890601	599	1552	MOORE	13132050	4	May 13, 2017	0.30	0.44	0.30	100.0%
18890601	652	1566	MOORE	13132050	4	May 13, 2017	0.50	0.73	0.50	100.0%
18890601	623	1503	BURNETT	13127750	5	May 12, 2017	0.80	0.80	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	May 12, 2017	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	May 12, 2017	0.98	0.98	0.98	100.0%
18890601	589	716	BURNETT	13127750	5	May 12, 2017	2.70	2.70	2.70	100.0%
18890601	119	996	BURNETT	13127750	5	May 12, 2017	0.40	0.40	0.40	100.0%
18900601	372	886	ARCO	13132365	2	May 13, 2017	0.59	1.24	0.59	100.0%
18900601	426	756	ARCO	13132365	2	May 13, 2017	0.57	1.20	0.57	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 11, 2017	3.20	3.20	3.20	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 10, 2017	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 10, 2017	1.76	1.76	1.76	100.0%
18910630	205	555	BECK	13130525	4	May 13, 2017	0.31	0.45	0.31	100.0%
18910630	44	1003	MOORE	13132050	4	May 13, 2017	0.76	1.11	0.76	100.0%
18910630	2332	1255	MOORE	13132050	4	May 13, 2017	0.26	0.38	0.26	100.0%
18910630	2332	1254	MOORE	13132050	4	May 13, 2017	0.48	0.70	0.48	100.0%
18910630	44	1253	MOORE	13132050	4	May 13, 2017	0.50	0.73	0.50	100.0%
18910801	307	77	CHILLY	13121105	9	May 10, 2017	5.20	5.20	5.20	100.0%
18930201	417	380	MOORE	13132050	4	May 13, 2017	0.22	0.32	0.22	100.0%
18940310	475	989	BURNETT	13127750	5	May 12, 2017	0.44	0.44	0.44	100.0%
18940310	265	1223	BURNETT	13127750	5	May 12, 2017	2.80	2.80	2.80	100.0%
18940310	609	1496	CHILLY	13121105	9	May 10, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 11, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 13, 2017	0.80	1.17	0.80	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 13, 2017	3.20	4.69	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 13, 2017	0.15	0.22	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 12, 2017	0.11	0.11	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	May 12, 2017	1.60	1.60	1.60	100.0%
18940601	390	408	SHARP	13126500	6	May 11, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 10, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 12, 2017	1.10	1.10	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 10, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	May 13, 2017	0.80	1.17	0.80	100.0%
18950601	417	378	MOORE	13132050	4	May 13, 2017	0.10	0.15	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 12, 2017	2.40	2.40	2.40	100.0%
18950601	445	410	NEILSEN	13120805	9	May 10, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 10, 2017	0.02	0.02	0.02	100.0%
18950630	265	1224	BURNETT	13127750	5	May 12, 2017	2.62	2.62	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 11, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	May 13, 2017	1.47	2.15	1.47	100.0%
18960601	192	1405	Upper Eastside &	13132101	2	May 13, 2017	0.04	0.05	0.04	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 13, 2017	0.70	1.03	0.70	100.0%
18960601	45	998	Lower Eastside &	13132291	2	May 13, 2017	0.04	0.06	0.04	100.0%
18960601	652	1567	MOORE	13132050	4	May 13, 2017	0.58	0.85	0.58	100.0%
18960601	2334	1495	MOORE	13132050	4	May 13, 2017	2.22	3.25	2.22	100.0%

18960601	85	1522	MOORE	13132050	4	May 13, 2017	0.32	0.47	0.32	100.0%
18960601	417	381	MOORE	13132050	4	May 13, 2017	2.40	3.52	2.40	100.0%
18960601	417	992	MOORE	13132050	4	May 13, 2017	1.20	1.76	1.20	100.0%
18960601	463	128	MOORE	13132050	4	May 13, 2017	1.60	2.34	1.60	100.0%
18960601	441	207	MOORE	13132050	4	May 13, 2017	1.00	1.47	1.00	100.0%
18960601	85	1521	MOORE	13132050	4	May 13, 2017	0.23	0.34	0.23	100.0%
18960601	96	457	MOORE	13132050	4	May 13, 2017	0.92	1.35	0.92	100.0%
18960601	339	1118	MOORE	13132050	4	May 13, 2017	1.57	2.30	1.57	100.0%
18960601	459	993	MOORE	13132050	4	May 13, 2017	0.40	0.59	0.40	100.0%
18960601	96	461	MOORE	13132050	4	May 13, 2017	0.73	1.07	0.73	100.0%
18960601	263	397	MOORE	13132050	4	May 13, 2017	0.35	0.51	0.35	100.0%
18960601	15	1106	MOORE	13132050	4	May 13, 2017	1.17	1.71	1.17	100.0%
18960601	263	399	MOORE	13132050	4	May 13, 2017	0.27	0.40	0.27	100.0%
18960601	13	1119	MOORE	13132050	4	May 13, 2017	0.40	0.59	0.40	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 11, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 13, 2017	2.00	4.22	2.00	100.0%
18960801	405	1185	SHARP	13126500	6	May 11, 2017	0.04	0.04	0.04	100.0%
18960901	437	671	ARCO	13132365	2	May 13, 2017	0.13	0.27	0.13	100.0%
18960928	392	840	MUNSEY	13132375	2	May 13, 2017	3.72	7.85	3.72	100.0%
18960928	150	215	MUNSEY	13132375	2	May 13, 2017	1.97	4.15	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	May 13, 2017	0.03	0.06	0.03	100.0%
18970510	437	664	ARCO	13132365	2	May 13, 2017	1.74	3.67	1.74	100.0%
18970510	73	191	BURNETT	13127750	5	May 12, 2017	0.20	0.20	0.20	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 13, 2017	1.34	1.97	1.34	100.0%
18970531	589	1312	BURNETT	13127750	5	May 12, 2017	0.58	0.58	0.58	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 12, 2017	3.20	3.20	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 13, 2017	0.24	0.35	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 11, 2017	2.40	2.40	2.40	100.0%
18980601	192	1406	Upper Eastside &	13132101	2	May 13, 2017	0.07	0.11	0.07	100.0%
18980601	437	1310	ARCO	13132365	2	May 13, 2017	0.86	1.81	0.86	100.0%
18980601	483	1274	CHILLY	13121105	9	May 10, 2017	0.27	0.27	0.27	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 10, 2017	2.13	2.13	2.13	100.0%
18980901	268	562	ARCO	13132365	2	May 13, 2017	1.57	3.31	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 11, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 11, 2017	0.50	0.50	0.50	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 13, 2017	0.84	1.23	0.84	100.0%
18990327	180	468	Upper Eastside &	13132101	2	May 13, 2017	0.05	0.07	0.05	100.0%
18990327	187	18	Lower Eastside &	13132291	2	May 13, 2017	0.03	0.04	0.03	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 13, 2017	0.29	0.42	0.29	100.0%
18990327	433	272	MOORE	13132050	4	May 13, 2017	0.48	0.70	0.48	100.0%
18990327	219	549	MOORE	13132050	4	May 13, 2017	0.15	0.22	0.15	100.0%
18990327	2331	467	MOORE	13132050	4	May 13, 2017	0.60	0.88	0.60	100.0%
18990327	2331	469	MOORE	13132050	4	May 13, 2017	0.03	0.04	0.03	100.0%
18990327	645	466	MOORE	13132050	4	May 13, 2017	0.01	0.01	0.01	100.0%
18990327	459	1090	MOORE	13132050	4	May 13, 2017	0.60	0.88	0.60	100.0%
18990327	459	1477	MOORE	13132050	4	May 13, 2017	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 13, 2017	2.80	5.91	2.80	100.0%
18990518	151	1044	BURNETT	13127750	5	May 12, 2017	0.15	0.15	0.15	100.0%
18990518	138	443	BURNETT	13127750	5	May 12, 2017	0.02	0.02	0.02	100.0%
18990601	201	705	SWAUGER	13127600	5	May 12, 2017	0.28	0.28	0.28	100.0%
18990601	490	981	BURNETT	13127750	5	May 12, 2017	0.80	0.80	0.80	100.0%
18990601	360	704	BURNETT	13127750	5	May 12, 2017	1.20	1.20	1.20	100.0%
18990601	307	72	NEILSEN	13120805	9	May 10, 2017	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	May 13, 2017	0.80	1.69	0.80	100.0%
19001101	310	833	CHILLY	13121105	9	May 10, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 11, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 11, 2017	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	May 13, 2017	0.23	0.34	0.23	100.0%
19010901	70	339	MOORE	13132050	4	May 13, 2017	0.12	0.18	0.12	100.0%
19010901	433	685	MOORE	13132050	4	May 13, 2017	0.47	0.69	0.47	100.0%
19010901	138	439	BURNETT	13127750	5	May 12, 2017	0.02	0.02	0.02	100.0%
19010901	151	1039	BURNETT	13127750	5	May 12, 2017	0.09	0.09	0.09	100.0%
19011001	96	455	MOORE	13132050	4	May 13, 2017	0.30	0.44	0.30	100.0%
19011001	263	396	MOORE	13132050	4	May 13, 2017	0.08	0.12	0.08	100.0%

19011102	426	1159	ARCO	13132365	2	May 13, 2017	1.32	2.78	1.32	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 10, 2017	2.60	2.60	2.60	100.0%
19020301	15	81	MOORE	13132050	4	May 13, 2017	0.76	1.11	0.76	100.0%
19020301	15	1121	MOORE	13132050	4	May 13, 2017	0.11	0.16	0.11	100.0%
19020301	13	1122	MOORE	13132050	4	May 13, 2017	0.31	0.45	0.31	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 11, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 10, 2017	0.86	0.86	0.86	100.0%
19020301	364	952	CHILLY	13121105	9	May 10, 2017	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	May 10, 2017	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	May 10, 2017	0.80	0.80	0.80	100.0%
19020301	483	1500	CHILLY	13121105	9	May 10, 2017	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 10, 2017	3.40	3.40	3.40	100.0%
19020304	129	1062	CHILLY	13121105	9	May 10, 2017	3.20	3.20	3.20	100.0%
19020401	1	978	6X Ranch 6	13124100	8	May 11, 2017	2.20	2.20	2.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 10, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 10, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 13, 2017	1.84	2.70	1.84	100.0%
19020501	310	631	CHILLY	13121105	9	May 10, 2017	0.80	0.80	0.80	100.0%
19020501	629	1498	HOWELL	13120490	10	May 09, 2017	0.62	0.62	0.62	100.0%
19020601	339	1015	MOORE	13132050	4	May 13, 2017	0.66	0.97	0.66	100.0%
19020601	16	1014	MOORE	13132050	4	May 13, 2017	0.92	1.35	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 11, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 10, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 10, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 11, 2017	1.74	1.74	1.74	100.0%
19040517	16	1074	MOORE	13132050	4	May 13, 2017	1.46	2.14	1.46	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 12, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	May 10, 2017	0.33	0.33	0.33	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 11, 2017	1.20	1.20	0.02	1.7%
19050501	498	779	BRADSHAW	13120705	9	May 10, 2017	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 10, 2017	0.02	0.02	0.02	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 10, 2017	0.65	0.65	0.65	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 10, 2017	0.40	0.40	0.40	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 10, 2017	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	May 10, 2017	0.30	0.30	0.30	100.0%
19050501	154	812	NEILSEN	13120805	9	May 10, 2017	0.10	0.10	0.10	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 10, 2017	0.82	0.82	0.82	100.0%
19050501	1	37	NEILSEN	13120805	9	May 10, 2017	0.68	0.68	0.68	100.0%
19050501	255	402	NEILSEN	13120805	9	May 10, 2017	0.50	0.50	0.50	100.0%
19050501	373	432	CHILLY	13121105	9	May 10, 2017	0.58	0.58	0.58	100.0%
19050501	129	1063	CHILLY	13121105	9	May 10, 2017	0.80	0.80	0.80	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 10, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 09, 2017	2.58	2.58	2.58	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 10, 2017	1.08	1.08	1.08	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 10, 2017	1.30	1.30	1.30	100.0%
19080401	483	848	LONGHURST	13121505	9	May 10, 2017	2.10	2.10	2.10	100.0%
19081207	459	344	MOORE	13132050	4	May 13, 2017	0.33	0.48	0.33	100.0%
19081207	70	343	MOORE	13132050	4	May 13, 2017	0.16	0.23	0.16	100.0%
19100501	131	69	Donahue 1	13122230	8	May 11, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 11, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 10, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 10, 2017	0.80	0.80	0.80	100.0%
19120401	483	13	LONGHURST	13121505	9	May 10, 2017	1.18	1.18	1.18	99.9%
19120513	101	1069	NEILSEN	13120805	9	May 10, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 10, 2017	0.03	0.03	0.03	100.0%
19121014	403	813	NEILSEN	13120805	9	May 10, 2017	0.40	0.40	0.40	100.0%
19131224	373	25	CHILLY	13121105	9	May 10, 2017	0.20	0.20	0.20	100.0%
19140601	154	914	NEILSEN	13120805	9	May 10, 2017	0.80	0.80	0.80	100.0%
19160501	129	633	CHILLY	13121105	9	May 10, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 11, 2017	1.36	1.36	1.36	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 11, 2017	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	May 13, 2017	0.01	0.02	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	May 13, 2017	0.79	1.67	0.79	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	May 11, 2017	1.80	1.80	1.80	100.0%

19240806	417	695	MOORE	13132050	4	May 13, 2017	0.50	0.73	0.50	100.0%
19740402	150	220	MUNSEY	13132375	2	May 13, 2017	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 13, 2017	4.40	9.28	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 13, 2017	12.92	27.25	12.92	100.0%
19770529	327	176	MUNSEY	13132375	2	May 13, 2017	1.34	2.83	1.34	100.0%
19950203	476	1272	3IN1	13130605	4	May 13, 2017	30.00	43.96	30.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 13, 2017	9.98	14.62	9.98	100.0%
19950411	476	1273	BURNETT	13127750	5	May 12, 2017	20.82	20.82	20.82	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 10, 2017	10.97	10.97	10.97	100.0%
19950411	476	1273	CHILLY	13121105	9	May 10, 2017	15.00	15.00	15.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 11, 2017	10000.00	10000.00	1417.24	14.2%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 10	2420.0	4.8		2424.8	0.00	2424.8	4.8	0.0		2420.0	0.0	
9	Howell to Chilly	May 11	2132.0	151.5		-136.5	0.06	2288.3	132.7	18.8		2150.8	-18.8	
8	Chilly to Reservoir	* May 12	2005.8	67.0		-59.2	0.03	2229.1	63.9	3.2		2027.7	-22.0	
	Disconnected													
7	Mackay Reservoir	* May 12	1592.0	0.0		2005.8	0.00	2168.2	1724.3			443.9		
6	Reservoir to 2B	May 12	1580.0	12.0		0.0	0.00	2159.0	9.2	2.8		434.7	1145.3	
5	2B to Leslie	May 13	1580.0	162.4		162.4	0.00	2053.4	105.6	56.8		329.1	1250.9	
4	Leslie to Eastside In	May 14	761.5	210.8		-607.7	0.38	1806.3	120.5	90.3		82.0	679.5	
2a	Eastside In To Weirs	* May 14	334.7	11.9	0.0	-414.9	0.54	1753.9	7.7	4.2		29.6	305.1	0.0
2b	Weirs To Eastside Out	* May 14	515.9	8.8	0.0	190.0	-0.57	1760.8	10.0	-1.2		36.5	306.3	0.0
2c	Eastside Out To Blw Muns	* May 14	431.8	84.1	0.0	0.0	0.00	1724.3	36.5	47.6	0.0	0.0	258.6	0.0
1	Blw Munsey to Arco	May 14	335.0	0.0		-96.8	0.22	1716.9	0.0	0.0		0.0	258.6	
3	River blw Moore Div	May 14	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	2215.1	222.6	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 10	0.0		20090101	17%	1	18800630	3.2	556.5	76.2	
9	Howell to Chilly	May 11	-136.5		20090101	17%	2	18810630	1.7	294.0	40.5	
8	Chilly to Reservoir	May 12	-59.2		20090101	17%	3	18880601	3.2	556.5	76.2	
	Disconnected						4	18960601	6.4	1113.0	152.3	
7	Mackay Reservoir	May 12	0.0		20090101	17%	5	19020301	0.8	140.0	19.0	
6	Reservoir to 2B	May 12	0.0	0.0	20090101	17%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 13	0.0	0.0	20090101	17%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 14	-126.6	-481.1	20090101	17%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 14	-44.7	-370.2	0.0	20090101	17%	9	Add Vol	Unlimited	200000.0	49578.5
2b	Weirs To Eastside Out	May 14	16.8	0.0	0.0	20090101	17%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 14	0.0	0.0	0.0	20090101	17%		TOTAL		296511.0	93793.7
1	Blw Munsey to Arco	May 14	0.0	-258.6	0.0	20090101	17%					
3	River blw Moore Div	May 14	0.0	0.0	20090101	17%						
	TOTAL		-350.2	-1105.8	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
20640.0	21440.0		800.0	403.3	10.5	289.5	204.7	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	25093.7
Total Storage Loss	-16800.2
Total Storage Deliver	-3163.7
Total Evaporation	-170.3
Accounting Balance	21439.5
Current Res Content	21440.0
Storage Balance Error	-0.5

DAILY STORAGE BALANCE

20640.0 Reservoir Content Previous Day [ac-ft]
21440.0 Reservoir Content Current Day [ac-ft]
800.0 Physical Change in Storage [ac-ft]

3420.1 Storage Allocated to Mackay Reservoir [ac-ft]
-2193.4 Stored Flow Losses [ac-ft]
0.0 2B to Leslie [cfs]
-481.1 Leslie to Moore [cfs]
-624.7 Eastside [cfs]
0.0 River blw Moore [cfs]
-406.8 Storage Delivered [ac-ft]
2.8 Reservoir to 2B [cfs]
56.8 2B to Leslie [cfs]
90.3 Leslie to Moore [cfs]
55.2 Eastside to blw Munsey [cfs]
-20.7 Evaporation [ac-ft]
799.2 Accounting Change in Storage [ac-ft]

-1.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

2168.2 Natural Flow into Mackay Reservoir [cfs]

1724.3 Reservoir Rights Diverted [cfs]
141.2 Natural Flow Losses below Reservoir [cfs]
0.0 2B to Leslie [cfs]
-126.6 Leslie to Moore [cfs]
-14.6 Eastside as River [cfs]
302.6 Natural Flow Delivered [cfs]
9.2 Reservoir to 2B [cfs]
105.6 2B to Leslie [cfs]
120.5 Leslie to Moore [cfs]
67.3 Eastside to blw Munsey [cfs]
2168.1 Natural Flow Delivered & Lost [cfs]

0.1 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	761.5			11.9	-14.2	319.4	15.3	-414.9	54.5%	334.7
Natural Flow	82.0			7.7	-9.2			-44.7		29.6
Stored Flow	679.5			4.2	-5.0			-370.2		305.1
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	319.4	15.3		8.8	-3.5	515.9	190.0	-56.8%	-207.1
Natural Flow				10.0	-4.0	226.5	16.8		-14.6
Stored Flow				-1.2	0.5	306.3	0.0		-366.1
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	515.9		84.1	431.8
Natural Flow	226.5		36.5	190.0
Stored Flow	306.3		47.6	258.6
Exchange Flow	0.0		0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060		13132350	
Actual Flow	38.5	723.0	5.6	329.1	515.9
Natural Flow	30.9	51.1	6.4	23.3	36.5
Stored Flow	7.6	671.9	-0.7	305.8	305.8
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	12.0	2.8	31.6
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.0	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	22.4	3.8	88.5
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.5	6.5	51.6	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	7.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	49.6	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	101.0	26.0	570.2
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	575.6
9 NEILSEN	41.0	8.3	77.7	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	0.0	0.0	5 SUTTER	6.0	2.8	22.2
9 CHILLY	68.0	0.0	214.2	8 Broken River Dit	1.5	1.5	20.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	32.0	26.7	221.0
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	0.0	0.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.5	0.3	3.0	4 3IN1	38.8	6.9	143.6
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	2.2	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	140.0	56.6	957.6
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	0.0	0.0	0.0	2 EASTSIDE FHDiv	38.5	7.6	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	39.9	479.4	7393.9
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	0.0	0.0	0.0	2 MUNSEY	44.2	479.4	7393.9
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	1.8	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.4	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	0.0	1.4	18.0	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 11, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	May 11, 2017	4.36	4.36	4.36	100.0%
18800601	370	530	ARCO	13132365	2	May 14, 2017	0.15	0.34	0.15	100.0%
18800601	93	723	ARCO	13132365	2	May 14, 2017	0.04	0.09	0.04	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 12, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 12, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 12, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 12, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 12, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 11, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 12, 2017	3.00	3.00	3.00	100.0%
18830601	645	464	MOORE	13132050	4	May 14, 2017	0.11	0.18	0.11	100.0%
18830601	2331	465	MOORE	13132050	4	May 14, 2017	0.79	1.28	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	May 14, 2017	1.52	2.47	1.52	100.0%
18830810	192	1109	Upper Eastside &	13132101	2	May 14, 2017	0.21	0.34	0.21	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 14, 2017	0.43	0.70	0.43	100.0%
18830810	85	1583	MOORE	13132050	4	May 14, 2017	0.18	0.29	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	May 14, 2017	1.50	2.44	1.50	100.0%
18830810	263	393	MOORE	13132050	4	May 14, 2017	0.18	0.29	0.18	100.0%
18830810	96	449	MOORE	13132050	4	May 14, 2017	0.48	0.78	0.48	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 13, 2017	0.68	0.68	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 14, 2017	1.64	2.67	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	May 14, 2017	0.14	0.23	0.14	100.0%
18840422	585	951	SWAUGER	13127600	5	May 13, 2017	0.18	0.18	0.18	100.0%
18840422	347	938	SWAUGER	13127600	5	May 13, 2017	1.05	1.05	1.05	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 13, 2017	0.07	0.07	0.07	100.0%
18840422	201	83	SWAUGER	13127600	5	May 13, 2017	1.12	1.12	1.12	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 13, 2017	2.17	2.17	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 13, 2017	0.20	0.20	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 13, 2017	0.96	0.96	0.96	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 13, 2017	1.44	1.44	1.44	100.0%
18840422	336	1390	BURNETT	13127750	5	May 13, 2017	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	May 13, 2017	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	May 13, 2017	1.92	1.92	1.92	100.0%
18840422	632	1539	SHARP	13126500	6	May 12, 2017	0.12	0.12	0.12	100.0%
18840422	390	406	SHARP	13126500	6	May 12, 2017	0.09	0.09	0.09	100.0%
18840422	544	1067	SHARP	13126500	6	May 12, 2017	1.00	1.00	1.00	100.0%
18840422	103	1289	SHARP	13126500	6	May 12, 2017	0.64	0.64	0.64	100.0%
18840422	24	120	SHARP	13126500	6	May 12, 2017	0.08	0.08	0.08	100.0%
18840422	397	10	SHARP	13126500	6	May 12, 2017	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	May 12, 2017	3.02	3.02	3.02	100.0%
18840430	623	1519	BURNETT	13127750	5	May 13, 2017	0.40	0.40	0.40	100.0%
18840430	119	1366	BURNETT	13127750	5	May 13, 2017	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	May 13, 2017	1.60	1.60	1.60	100.0%
18840430	73	194	BURNETT	13127750	5	May 13, 2017	0.77	0.77	0.77	100.0%
18840430	73	193	BURNETT	13127750	5	May 13, 2017	1.23	1.23	1.23	100.0%
18840430	139	1368	BURNETT	13127750	5	May 13, 2017	0.80	0.80	0.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 12, 2017	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 12, 2017	1.80	1.80	1.80	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 14, 2017	0.16	0.26	0.16	100.0%
18840520	187	1441	Lower Eastside &	13132291	2	May 14, 2017	0.01	0.02	0.01	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 14, 2017	0.18	0.29	0.18	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 14, 2017	1.15	1.87	1.15	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 14, 2017	0.80	1.30	0.80	100.0%
18840520	85	1584	MOORE	13132050	4	May 14, 2017	0.22	0.36	0.22	100.0%
18840520	263	394	MOORE	13132050	4	May 14, 2017	0.22	0.36	0.22	100.0%
18840520	96	451	MOORE	13132050	4	May 14, 2017	0.58	0.94	0.58	100.0%
18840520	219	547	MOORE	13132050	4	May 14, 2017	1.15	1.87	1.15	100.0%
18840520	427	1	MOORE	13132050	4	May 14, 2017	1.04	1.69	1.04	100.0%

18840520	2332	752	MOORE	13132050	4	May 14, 2017	0.36	0.59	0.36	100.0%
18840520	2332	753	MOORE	13132050	4	May 14, 2017	0.42	0.68	0.42	100.0%
18840520	2333	657	MOORE	13132050	4	May 14, 2017	1.00	1.63	1.00	100.0%
18840520	2335	265	MOORE	13132050	4	May 14, 2017	0.84	1.37	0.84	100.0%
18840520	340	816	MOORE	13132050	4	May 14, 2017	0.34	0.55	0.34	100.0%
18840520	2331	471	MOORE	13132050	4	May 14, 2017	2.14	3.48	2.14	100.0%
18840520	2331	463	MOORE	13132050	4	May 14, 2017	2.24	3.64	2.24	100.0%
18840520	459	1478	MOORE	13132050	4	May 14, 2017	0.01	0.02	0.01	100.0%
18840520	459	797	MOORE	13132050	4	May 14, 2017	1.20	1.95	1.20	100.0%
18840520	433	271	MOORE	13132050	4	May 14, 2017	0.54	0.88	0.54	100.0%
18840520	66	266	MOORE	13132050	4	May 14, 2017	0.02	0.03	0.02	100.0%
18840520	645	462	MOORE	13132050	4	May 14, 2017	0.32	0.52	0.32	100.0%
18840601	85	1545	MOORE	13132050	4	May 14, 2017	0.54	0.88	0.54	100.0%
18840601	96	453	MOORE	13132050	4	May 14, 2017	0.21	0.34	0.21	100.0%
18840601	85	1544	MOORE	13132050	4	May 14, 2017	0.09	0.15	0.09	100.0%
18840601	85	1585	MOORE	13132050	4	May 14, 2017	0.08	0.13	0.08	100.0%
18840601	15	131	MOORE	13132050	4	May 14, 2017	0.37	0.60	0.37	100.0%
18840601	263	395	MOORE	13132050	4	May 14, 2017	0.08	0.13	0.08	100.0%
18840601	360	693	BURNETT	13127750	5	May 13, 2017	0.80	0.80	0.80	100.0%
18840601	73	200	BURNETT	13127750	5	May 13, 2017	0.23	0.23	0.23	100.0%
18840601	623	1505	BURNETT	13127750	5	May 13, 2017	0.40	0.40	0.40	100.0%
18840601	623	1504	BURNETT	13127750	5	May 13, 2017	0.27	0.27	0.27	100.0%
18840601	623	1493	BURNETT	13127750	5	May 13, 2017	0.20	0.20	0.20	100.0%
18840601	73	199	BURNETT	13127750	5	May 13, 2017	0.37	0.37	0.37	100.0%
18840601	151	1042	BURNETT	13127750	5	May 13, 2017	0.23	0.23	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	May 13, 2017	0.73	0.73	0.73	100.0%
18840601	139	711	BURNETT	13127750	5	May 13, 2017	0.80	0.80	0.80	100.0%
18840601	138	441	BURNETT	13127750	5	May 13, 2017	0.04	0.04	0.04	100.0%
18840601	297	712	BURNETT	13127750	5	May 13, 2017	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 12, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 11, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 11, 2017	0.40	0.40	0.40	100.0%
18840715	44	1005	MOORE	13132050	4	May 14, 2017	0.80	1.30	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	May 14, 2017	1.20	1.95	1.20	100.0%
18840715	15	799	MOORE	13132050	4	May 14, 2017	0.80	1.30	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 14, 2017	0.74	1.20	0.74	100.0%
18840715	115	323	MOORE	13132050	4	May 14, 2017	0.74	1.20	0.74	100.0%
18840715	417	1194	MOORE	13132050	4	May 14, 2017	1.20	1.95	1.20	100.0%
18840731	44	1132	MOORE	13132050	4	May 14, 2017	0.80	1.30	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	May 14, 2017	0.80	1.30	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 14, 2017	0.20	0.33	0.20	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 14, 2017	0.44	0.72	0.44	100.0%
18840831	192	772	Upper Eastside &	13132101	2	May 14, 2017	0.40	0.65	0.40	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 14, 2017	0.50	0.81	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	May 14, 2017	3.20	5.20	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 12, 2017	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	May 13, 2017	0.40	0.40	0.40	100.0%
18840914	623	1494	BURNETT	13127750	5	May 13, 2017	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	May 13, 2017	0.80	0.80	0.80	100.0%
18841012	205	557	BECK	13130525	4	May 14, 2017	1.76	2.86	1.76	100.0%
18841012	70	341	MOORE	13132050	4	May 14, 2017	0.31	0.50	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	May 14, 2017	1.25	2.03	1.25	100.0%
18841012	459	342	MOORE	13132050	4	May 14, 2017	0.58	0.94	0.58	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 13, 2017	0.80	0.80	0.80	100.0%
18841012	524	11	SWAUGER	13127600	5	May 13, 2017	2.78	2.78	2.78	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 13, 2017	0.28	0.28	0.28	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 13, 2017	3.00	3.00	3.00	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 13, 2017	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 13, 2017	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	May 13, 2017	0.74	0.74	0.74	100.0%
18841012	347	1141	SHARP	13126500	6	May 12, 2017	0.80	0.80	0.80	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 13, 2017	1.65	1.65	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 13, 2017	0.79	0.79	0.58	73.4%
18850501	380	1177	Lower Eastside &	13132291	2	May 14, 2017	2.00	3.25	2.00	100.0%

18850501	426	887	ARCO	13132365	2	May 14, 2017	0.64	1.46	0.64	100.0%
18850501	255	401	NEILSEN	13120805	9	May 11, 2017	0.50	0.50	0.50	100.0%
18850512	192	1399	Upper Eastside &	13132101	2	May 14, 2017	0.20	0.33	0.20	100.0%
18850512	251	22	Upper Eastside &	13132101	2	May 14, 2017	0.20	0.33	0.20	100.0%
18850530	282	1190	SUTTER	13128105	5	May 13, 2017	0.20	0.20	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	May 14, 2017	2.56	4.16	2.56	100.0%
18850531	63	1354	MOORE	13132050	4	May 14, 2017	1.44	2.34	1.44	100.0%
18850601	205	554	BECK	13130525	4	May 14, 2017	0.59	0.96	0.59	100.0%
18850601	15	859	MOORE	13132050	4	May 14, 2017	0.50	0.81	0.50	100.0%
18850601	525	1464	BURNETT	13127750	5	May 13, 2017	1.54	1.54	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	May 12, 2017	0.72	0.72	0.72	100.0%
18850601	280	1183	SHARP	13126500	6	May 12, 2017	1.16	1.16	1.16	100.0%
18850601	405	1182	SHARP	13126500	6	May 12, 2017	0.04	0.04	0.04	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 11, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 13, 2017	3.08	3.08	3.08	100.0%
18851002	93	726	ARCO	13132365	2	May 14, 2017	0.50	1.14	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	May 14, 2017	1.16	2.64	1.16	100.0%
18851002	437	62	ARCO	13132365	2	May 14, 2017	1.54	3.51	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 12, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 14, 2017	5.72	9.30	5.72	100.0%
18860501	305	927	3IN1	13130605	4	May 14, 2017	0.87	1.41	0.87	100.0%
18860501	417	644	MOORE	13132050	4	May 14, 2017	1.20	1.95	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 14, 2017	2.80	4.55	2.80	100.0%
18860512	634	1543	Upper Eastside &	13132101	2	May 14, 2017	1.77	2.88	1.77	100.0%
18860512	96	459	MOORE	13132050	4	May 14, 2017	0.48	0.78	0.48	100.0%
18860512	263	398	MOORE	13132050	4	May 14, 2017	0.18	0.29	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	May 14, 2017	0.18	0.29	0.18	100.0%
18860601	306	851	Upper Eastside &	13132101	2	May 14, 2017	1.28	2.08	1.28	100.0%
18860601	339	1010	MOORE	13132050	4	May 14, 2017	0.68	1.11	0.68	100.0%
18860601	16	1009	MOORE	13132050	4	May 14, 2017	2.52	4.10	2.52	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 12, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 12, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 14, 2017	0.92	1.50	0.92	100.0%
18860721	336	294	BURNETT	13127750	5	May 13, 2017	0.80	0.80	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 13, 2017	3.00	3.00	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 14, 2017	0.56	0.91	0.56	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 12, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 13, 2017	2.31	2.31	2.31	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	May 14, 2017	0.80	1.30	0.80	100.0%
18870313	433	683	MOORE	13132050	4	May 14, 2017	0.70	1.14	0.70	100.0%
18870313	459	338	MOORE	13132050	4	May 14, 2017	0.42	0.68	0.42	100.0%
18870313	70	337	MOORE	13132050	4	May 14, 2017	0.23	0.37	0.23	100.0%
18870313	73	201	BURNETT	13127750	5	May 13, 2017	1.05	1.05	1.05	100.0%
18870313	73	202	BURNETT	13127750	5	May 13, 2017	0.65	0.65	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	May 13, 2017	0.80	0.80	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 11, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 12, 2017	3.30	3.30	3.30	100.0%
18870601	305	1351	3IN1	13130605	4	May 14, 2017	1.00	1.63	1.00	100.0%
18870601	139	845	BURNETT	13127750	5	May 13, 2017	0.68	0.68	0.68	100.0%
18870601	73	195	BURNETT	13127750	5	May 13, 2017	1.11	1.11	1.11	100.0%
18870601	73	196	BURNETT	13127750	5	May 13, 2017	0.69	0.69	0.69	100.0%
18870601	525	1471	BURNETT	13127750	5	May 13, 2017	0.61	0.61	0.61	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 12, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 12, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 11, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 11, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	May 14, 2017	0.80	1.30	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 13, 2017	0.80	0.80	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 13, 2017	0.80	0.80	0.80	100.0%
18870801	119	1166	BURNETT	13127750	5	May 13, 2017	0.27	0.27	0.27	100.0%
18870801	623	1508	BURNETT	13127750	5	May 13, 2017	0.53	0.53	0.53	100.0%
18870801	73	189	BURNETT	13127750	5	May 13, 2017	0.62	0.62	0.62	100.0%
18870801	73	190	BURNETT	13127750	5	May 13, 2017	0.38	0.38	0.38	100.0%
18870831	623	1507	BURNETT	13127750	5	May 13, 2017	1.20	1.20	1.20	100.0%

18870831	119	1154	BURNETT	13127750	5	May 13, 2017	1.20	1.20	1.20	100.0%
18880601	223	889	Upper Eastside &	13132101	2	May 14, 2017	1.82	2.96	1.82	100.0%
18880601	437	670	ARCO	13132365	2	May 14, 2017	0.33	0.75	0.33	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 13, 2017	0.42	0.42	0.42	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 13, 2017	0.98	0.98	0.98	100.0%
18880601	347	1138	SHARP	13126500	6	May 12, 2017	1.21	1.21	1.21	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 12, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 11, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 11, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	May 10, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	May 14, 2017	0.22	0.36	0.22	100.0%
18880801	442	750	MUNSEY	13132375	2	May 14, 2017	0.40	0.91	0.40	100.0%
18890601	599	1552	MOORE	13132050	4	May 14, 2017	0.30	0.49	0.30	100.0%
18890601	441	205	MOORE	13132050	4	May 14, 2017	0.97	1.58	0.97	100.0%
18890601	463	1396	MOORE	13132050	4	May 14, 2017	0.20	0.33	0.20	100.0%
18890601	652	1566	MOORE	13132050	4	May 14, 2017	0.50	0.81	0.50	100.0%
18890601	475	969	BURNETT	13127750	5	May 13, 2017	1.20	1.20	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 13, 2017	2.70	2.70	2.70	100.0%
18890601	336	979	BURNETT	13127750	5	May 13, 2017	0.98	0.98	0.98	100.0%
18890601	623	1503	BURNETT	13127750	5	May 13, 2017	0.80	0.80	0.80	100.0%
18890601	119	996	BURNETT	13127750	5	May 13, 2017	0.40	0.40	0.40	100.0%
18900601	426	756	ARCO	13132365	2	May 14, 2017	0.57	1.30	0.57	100.0%
18900601	372	886	ARCO	13132365	2	May 14, 2017	0.59	1.34	0.59	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 12, 2017	3.20	3.20	3.20	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 11, 2017	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 11, 2017	0.24	0.24	0.24	100.0%
18910630	205	555	BECK	13130525	4	May 14, 2017	0.31	0.50	0.31	100.0%
18910630	2332	1254	MOORE	13132050	4	May 14, 2017	0.48	0.78	0.48	100.0%
18910630	2332	1255	MOORE	13132050	4	May 14, 2017	0.26	0.42	0.26	100.0%
18910630	44	1003	MOORE	13132050	4	May 14, 2017	0.76	1.24	0.76	100.0%
18910630	44	1253	MOORE	13132050	4	May 14, 2017	0.50	0.81	0.50	100.0%
18910801	307	77	CHILLY	13121105	9	May 11, 2017	5.20	5.20	5.20	100.0%
18930201	417	380	MOORE	13132050	4	May 14, 2017	0.22	0.36	0.22	100.0%
18940310	265	1223	BURNETT	13127750	5	May 13, 2017	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 13, 2017	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	May 11, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 12, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 14, 2017	0.80	1.30	0.80	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 14, 2017	3.20	5.20	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 14, 2017	0.15	0.24	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 13, 2017	0.11	0.11	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	May 13, 2017	1.60	1.60	1.60	100.0%
18940601	390	408	SHARP	13126500	6	May 12, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 11, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 13, 2017	1.10	1.10	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 11, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	May 14, 2017	0.80	1.30	0.80	100.0%
18950601	634	1554	Upper Eastside &	13132101	2	May 14, 2017	0.02	0.03	0.02	100.0%
18950601	417	378	MOORE	13132050	4	May 14, 2017	0.10	0.16	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 13, 2017	2.40	2.40	2.40	100.0%
18950601	445	411	NEILSEN	13120805	9	May 11, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 11, 2017	0.18	0.18	0.18	100.0%
18950630	265	1224	BURNETT	13127750	5	May 13, 2017	2.62	2.62	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 12, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	May 14, 2017	1.47	2.39	1.47	100.0%
18960601	192	1405	Upper Eastside &	13132101	2	May 14, 2017	0.04	0.06	0.04	100.0%
18960601	45	998	Lower Eastside &	13132291	2	May 14, 2017	0.14	0.23	0.14	100.0%
18960601	463	128	MOORE	13132050	4	May 14, 2017	1.60	2.60	1.60	100.0%
18960601	15	1106	MOORE	13132050	4	May 14, 2017	1.17	1.90	1.17	100.0%
18960601	417	381	MOORE	13132050	4	May 14, 2017	2.40	3.90	2.40	100.0%
18960601	339	1118	MOORE	13132050	4	May 14, 2017	1.57	2.55	1.57	100.0%
18960601	2334	1495	MOORE	13132050	4	May 14, 2017	2.22	3.61	2.22	100.0%
18960601	417	992	MOORE	13132050	4	May 14, 2017	1.20	1.95	1.20	100.0%
18960601	652	1567	MOORE	13132050	4	May 14, 2017	0.58	0.94	0.58	100.0%

18960601	13	1119	MOORE	13132050	4	May 14, 2017	0.40	0.65	0.40	100.0%
18960601	441	207	MOORE	13132050	4	May 14, 2017	1.00	1.63	1.00	100.0%
18960601	96	461	MOORE	13132050	4	May 14, 2017	0.73	1.19	0.73	100.0%
18960601	96	457	MOORE	13132050	4	May 14, 2017	0.92	1.50	0.92	100.0%
18960601	85	1522	MOORE	13132050	4	May 14, 2017	0.32	0.52	0.32	100.0%
18960601	263	399	MOORE	13132050	4	May 14, 2017	0.27	0.44	0.27	100.0%
18960601	263	397	MOORE	13132050	4	May 14, 2017	0.35	0.57	0.35	100.0%
18960601	85	1521	MOORE	13132050	4	May 14, 2017	0.23	0.37	0.23	100.0%
18960601	459	993	MOORE	13132050	4	May 14, 2017	0.40	0.65	0.40	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 12, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 14, 2017	2.00	4.55	2.00	100.0%
18960801	405	1185	SHARP	13126500	6	May 12, 2017	0.06	0.06	0.06	100.0%
18960801	280	1186	SHARP	13126500	6	May 12, 2017	0.06	0.06	0.06	100.0%
18960901	437	671	ARCO	13132365	2	May 14, 2017	0.13	0.30	0.13	100.0%
18960928	150	215	MUNSEY	13132375	2	May 14, 2017	1.97	4.49	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	May 14, 2017	0.03	0.07	0.03	100.0%
18960928	392	840	MUNSEY	13132375	2	May 14, 2017	2.74	6.24	2.74	100.0%
18970510	437	664	ARCO	13132365	2	May 14, 2017	1.74	3.96	1.74	100.0%
18970510	73	191	BURNETT	13127750	5	May 13, 2017	0.20	0.20	0.20	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 14, 2017	1.34	2.18	1.34	100.0%
18970531	589	1312	BURNETT	13127750	5	May 13, 2017	0.58	0.58	0.58	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 13, 2017	3.20	3.20	3.20	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 12, 2017	2.40	2.40	2.40	100.0%
18980601	192	1406	Upper Eastside &	13132101	2	May 14, 2017	0.35	0.57	0.35	100.0%
18980601	437	1310	ARCO	13132365	2	May 14, 2017	1.40	3.19	1.40	100.0%
18980601	483	1274	CHILLY	13121105	9	May 11, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 11, 2017	2.01	2.01	2.01	100.0%
18980901	268	562	ARCO	13132365	2	May 14, 2017	1.57	3.58	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 12, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 12, 2017	0.50	0.50	0.50	100.0%
18990327	180	468	Upper Eastside &	13132101	2	May 14, 2017	0.05	0.08	0.05	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 14, 2017	0.29	0.47	0.29	100.0%
18990327	187	18	Lower Eastside &	13132291	2	May 14, 2017	0.03	0.05	0.03	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 14, 2017	0.84	1.37	0.84	100.0%
18990327	2331	467	MOORE	13132050	4	May 14, 2017	0.60	0.98	0.60	100.0%
18990327	433	272	MOORE	13132050	4	May 14, 2017	0.48	0.78	0.48	100.0%
18990327	219	549	MOORE	13132050	4	May 14, 2017	0.15	0.24	0.15	100.0%
18990327	459	1477	MOORE	13132050	4	May 14, 2017	0.01	0.02	0.01	100.0%
18990327	459	1090	MOORE	13132050	4	May 14, 2017	0.60	0.98	0.60	100.0%
18990327	645	466	MOORE	13132050	4	May 14, 2017	0.01	0.02	0.01	100.0%
18990327	2331	469	MOORE	13132050	4	May 14, 2017	0.03	0.05	0.03	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 14, 2017	2.80	6.38	2.80	100.0%
18990518	151	1044	BURNETT	13127750	5	May 13, 2017	0.15	0.15	0.15	100.0%
18990518	138	443	BURNETT	13127750	5	May 13, 2017	0.02	0.02	0.02	100.0%
18990601	201	705	SWAUGER	13127600	5	May 13, 2017	0.28	0.28	0.28	100.0%
18990601	360	704	BURNETT	13127750	5	May 13, 2017	1.20	1.20	1.20	100.0%
18990601	490	981	BURNETT	13127750	5	May 13, 2017	0.80	0.80	0.80	100.0%
18990601	307	72	NEILSEN	13120805	9	May 11, 2017	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	May 14, 2017	0.44	1.00	0.44	100.0%
19001101	310	833	CHILLY	13121105	9	May 11, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 12, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 12, 2017	3.20	3.20	3.20	100.0%
19010901	433	685	MOORE	13132050	4	May 14, 2017	0.47	0.76	0.47	100.0%
19010901	70	339	MOORE	13132050	4	May 14, 2017	0.12	0.20	0.12	100.0%
19010901	459	340	MOORE	13132050	4	May 14, 2017	0.23	0.37	0.23	100.0%
19010901	151	1039	BURNETT	13127750	5	May 13, 2017	0.09	0.09	0.09	100.0%
19010901	138	439	BURNETT	13127750	5	May 13, 2017	0.02	0.02	0.02	100.0%
19011001	263	396	MOORE	13132050	4	May 14, 2017	0.08	0.13	0.08	100.0%
19011001	96	455	MOORE	13132050	4	May 14, 2017	0.30	0.49	0.30	100.0%
19011102	426	1159	ARCO	13132365	2	May 14, 2017	1.32	3.01	1.32	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 11, 2017	2.60	2.60	2.60	100.0%
19020301	15	1121	MOORE	13132050	4	May 14, 2017	0.11	0.17	0.11	100.0%
19020301	15	81	MOORE	13132050	4	May 14, 2017	0.76	1.23	0.76	100.0%
19020301	13	1122	MOORE	13132050	4	May 14, 2017	0.31	0.50	0.31	100.0%

19020301	56	1338	MACKAY DAM	13126000	7	May 12, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 11, 2017	0.86	0.86	0.86	100.0%
19020301	364	952	CHILLY	13121105	9	May 11, 2017	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	May 11, 2017	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 11, 2017	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	May 11, 2017	3.85	3.85	3.85	100.0%
19020301	310	836	CHILLY	13121105	9	May 11, 2017	0.80	0.80	0.80	100.0%
19020301	307	834	CHILLY	13121105	9	May 11, 2017	2.40	2.40	2.40	100.0%
19020301	483	1500	CHILLY	13121105	9	May 11, 2017	1.60	1.60	1.60	100.0%
19020304	129	1062	CHILLY	13121105	9	May 11, 2017	3.20	3.20	3.20	100.0%
19020401	1	978	6X Ranch 6	13124100	8	May 12, 2017	2.20	2.20	2.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 11, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 11, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 14, 2017	1.84	2.99	1.84	100.0%
19020501	310	631	CHILLY	13121105	9	May 11, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 10, 2017	0.62	0.62	0.62	100.0%
19020601	339	1015	MOORE	13132050	4	May 14, 2017	0.66	1.07	0.66	100.0%
19020601	16	1014	MOORE	13132050	4	May 14, 2017	0.92	1.50	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 12, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 11, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 11, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 12, 2017	1.74	1.74	1.74	100.0%
19040517	16	1074	MOORE	13132050	4	May 14, 2017	1.46	2.37	1.46	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 13, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	May 11, 2017	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 12, 2017	1.20	1.20	0.02	1.7%
19050501	498	779	BRADSHAW	13120705	9	May 11, 2017	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 11, 2017	0.02	0.02	0.02	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 11, 2017	0.82	0.82	0.82	100.0%
19050501	154	812	NEILSEN	13120805	9	May 11, 2017	0.10	0.10	0.10	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 11, 2017	0.65	0.65	0.65	100.0%
19050501	255	402	NEILSEN	13120805	9	May 11, 2017	0.50	0.50	0.50	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 11, 2017	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	May 11, 2017	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 11, 2017	0.40	0.40	0.40	100.0%
19050501	1	37	NEILSEN	13120805	9	May 11, 2017	0.68	0.68	0.68	100.0%
19050501	373	432	CHILLY	13121105	9	May 11, 2017	0.58	0.58	0.58	100.0%
19050501	310	115	CHILLY	13121105	9	May 11, 2017	1.90	1.90	1.90	100.0%
19050501	364	690	CHILLY	13121105	9	May 11, 2017	1.00	1.00	1.00	100.0%
19050501	364	629	CHILLY	13121105	9	May 11, 2017	0.40	0.40	0.40	100.0%
19050501	129	1063	CHILLY	13121105	9	May 11, 2017	0.80	0.80	0.80	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 11, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 10, 2017	2.58	2.58	2.58	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 11, 2017	1.08	1.08	1.08	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 11, 2017	1.30	1.30	1.30	100.0%
19080401	483	848	LONGHURST	13121505	9	May 11, 2017	2.10	2.10	2.10	100.0%
19081207	70	343	MOORE	13132050	4	May 14, 2017	0.16	0.26	0.16	100.0%
19081207	459	344	MOORE	13132050	4	May 14, 2017	0.33	0.54	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 12, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 12, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 11, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 11, 2017	0.80	0.80	0.80	100.0%
19120401	483	13	LONGHURST	13121505	9	May 11, 2017	1.71	1.71	1.71	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 11, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 11, 2017	0.03	0.03	0.03	100.0%
19121014	403	813	NEILSEN	13120805	9	May 11, 2017	0.40	0.40	0.40	100.0%
19131224	373	25	CHILLY	13121105	9	May 11, 2017	1.08	1.08	1.08	100.0%
19140601	154	914	NEILSEN	13120805	9	May 11, 2017	0.80	0.80	0.80	100.0%
19160501	129	633	CHILLY	13121105	9	May 11, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 12, 2017	1.36	1.36	1.36	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 12, 2017	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	May 14, 2017	0.79	1.80	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	May 14, 2017	0.01	0.02	0.01	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	May 12, 2017	1.80	1.80	1.80	100.0%

19240806	417	695	MOORE	13132050	4	May 14, 2017	0.50	0.81	0.50	100.0%
19740402	150	220	MUNSEY	13132375	2	May 14, 2017	0.02	0.05	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 14, 2017	3.30	7.52	3.30	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 14, 2017	10.28	23.41	10.28	100.0%
19950203	476	1272	3IN1	13130605	4	May 14, 2017	30.00	48.75	30.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 14, 2017	9.98	16.22	9.98	100.0%
19950411	476	1273	BURNETT	13127750	5	May 13, 2017	20.82	20.82	20.82	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 11, 2017	10.97	10.97	10.97	100.0%
19950411	476	1273	CHILLY	13121105	9	May 11, 2017	18.79	18.79	18.79	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 12, 2017	10000.00	10000.00	1708.99	17.1%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 11	2620.0	4.8		2624.8	0.00	2624.8	4.8	0.0		2620.0	0.0	
9	Howell to Chilly	May 12	2098.0	151.5		-370.5	0.14	2254.3	132.7	18.8		2116.8	-18.8	
8	Chilly to Reservoir	* May 13	2388.7	67.0		357.8	0.00	2612.1	63.9	3.2		2410.7	-22.0	
	Disconnected													
7	Mackay Reservoir	* May 13	1721.0	0.0		2388.7	0.00	2388.7	1979.1			409.6		
6	Reservoir to 2B	May 13	1710.0	11.0		0.0	0.00	2380.1	8.7	2.3		400.9	1309.1	
5	2B to Leslie	May 14	1520.0	136.0		-54.0	0.03	2289.0	78.4	57.6		309.9	1210.1	
4	Leslie to Eastside In	May 15	788.6	210.8		-520.6	0.34	2062.3	120.5	90.3		83.2	705.4	
2a	Eastside In To Weirs	* May 15	666.0	11.6	0.0	-111.0	0.14	2037.1	13.5	-1.9		58.0	608.0	0.0
2b	Weirs To Eastside Out	* May 15	543.2	10.0	0.0	-112.8	0.17	2016.7	10.5	-0.5		37.6	505.6	0.0
2c	Eastside Out To Blw Muns	* May 15	459.9	83.3	0.0	0.0	0.00	1979.1	37.6	45.6	0.0	0.0	459.9	0.0
1	Blw Munsey to Arco	May 15	367.0	0.0		-92.9	0.20	1972.3	0.0	0.0		0.0	459.9	
3	River blw Moore Div	May 15	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	2449.8	215.4	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 11	0.0		20090101	20%	1	18800630	3.2	556.5	82.5	
9	Howell to Chilly	May 12	-370.5		20090101	20%	2	18810630	1.7	294.0	43.8	
8	Chilly to Reservoir	May 13	0.0		20090101	20%	3	18880601	3.2	556.5	82.5	
	Disconnected						4	18960601	6.4	1113.0	165.0	
7	Mackay Reservoir	May 13	0.0		20090101	20%	5	19020301	0.8	140.0	20.6	
6	Reservoir to 2B	May 13	0.0	0.0	20090101	20%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 14	-12.7	-41.3	20090101	20%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 15	-106.1	-414.5	20090101	20%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 15	-11.7	-99.3	0.0	20090101	20%	9	Add Vol	Unlimited	200000.0	53473.8
2b	Weirs To Eastside Out	May 15	-9.8	-103.0	0.0	20090101	20%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 15	0.0	0.0	0.0	20090101	20%		TOTAL		296511.0	97719.3
1	Blw Munsey to Arco	May 15	0.0	-459.9	0.0	20090101	20%					
3	River blw Moore Div	May 15	0.0	0.0		20090101	20%					
	TOTAL		-510.8	-1118.5	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
21440.0	22750.0		1310.0	660.4	7.3	269.3	192.8	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	29019.3
Total Storage Loss	-19018.8
Total Storage Deliver	-3546.3
Total Evaporation	-184.7
Accounting Balance	<u>22749.5</u>
Current Res Content	22750.0
Storage Balance Error	-0.5

DAILY STORAGE BALANCE

21440.0 Reservoir Content Previous Day [ac-ft]
22750.0 Reservoir Content Current Day [ac-ft]
1310.0 Physical Change in Storage [ac-ft]

3925.6 Storage Allocated to Mackay Reservoir [ac-ft]
-2218.5 Stored Flow Losses [ac-ft]
-41.3 2B to Leslie [cfs]
-414.5 Leslie to Moore [cfs]
-662.7 Eastside [cfs]
0.0 River blw Moore [cfs]
-382.6 Storage Delivered [ac-ft]
2.3 Reservoir to 2B [cfs]
57.6 2B to Leslie [cfs]
90.3 Leslie to Moore [cfs]
42.7 Eastside to blw Munsey [cfs]
-14.5 Evaporation [ac-ft]
1310.0 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

2388.7 Natural Flow into Mackay Reservoir [cfs]

1979.1 Reservoir Rights Diverted [cfs]
133.9 Natural Flow Losses below Reservoir [cfs]
-12.7 2B to Leslie [cfs]
-106.1 Leslie to Moore [cfs]
-15.1 Eastside as River [cfs]
275.7 Natural Flow Delivered [cfs]
8.7 Reservoir to 2B [cfs]
78.4 2B to Leslie [cfs]
120.5 Leslie to Moore [cfs]
68.1 Eastside to blw Munsey [cfs]
2388.7 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	788.6			11.6	-1.9	333.0	333.0	-111.0	14.1%	666.0
Natural Flow	83.2			13.5	-2.2			-11.7		58.0
Stored Flow	705.4			-1.9	0.3			-99.3		608.0
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	333.0	333.0		10.0	-4.0	543.2	-112.8	16.9%	-217.9
Natural Flow				10.5	-4.2	37.6	-9.8		-15.1
Stored Flow				-0.5	0.2	505.6	-103.0		-202.8
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	543.2	83.3	459.9	
Natural Flow	37.6	37.6	0.0	
Stored Flow	505.6	45.6	459.9	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	27.5	761.1	12.0	654.0	543.2
Natural Flow	30.5	52.7	12.7	45.3	37.6
Stored Flow	-3.0	708.4	-0.7	608.7	505.6
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	11.0	2.3	36.1
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.0	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	25.0	6.1	100.6
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.5	6.5	64.5	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	7.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	57.5	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	72.0	24.7	619.1
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	623.7
9 NEILSEN	41.0	8.3	94.1	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	0.0	0.0	5 SUTTER	6.0	2.6	27.4
9 CHILLY	68.0	0.0	214.2	8 Broken River Dit	1.5	1.5	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	32.0	26.7	274.0
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	0.0	0.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.5	0.3	3.6	4 3IN1	38.8	6.9	157.3
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	2.2	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	140.0	56.6	1069.9
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	0.0	0.0	0.0	2 EASTSIDE FHDiv	27.5	-3.0	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	39.4	505.6	8396.7
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	0.0	0.0	0.0	2 MUNSEY	43.9	505.6	8396.7
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	1.8	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.4	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	0.0	1.4	20.7	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 12, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	May 12, 2017	4.36	4.36	4.36	100.0%
18800601	93	723	ARCO	13132365	2	May 15, 2017	0.04	0.09	0.04	100.0%
18800601	370	530	ARCO	13132365	2	May 15, 2017	0.15	0.33	0.15	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 13, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 13, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 13, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 13, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 13, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 12, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 13, 2017	3.00	3.00	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	May 15, 2017	1.52	2.39	1.52	100.0%
18830601	2331	465	MOORE	13132050	4	May 15, 2017	0.79	1.24	0.79	100.0%
18830601	645	464	MOORE	13132050	4	May 15, 2017	0.11	0.17	0.11	100.0%
18830810	192	1109	Upper Eastside &	13132101	2	May 15, 2017	0.21	0.33	0.21	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 15, 2017	0.43	0.68	0.43	100.0%
18830810	85	1583	MOORE	13132050	4	May 15, 2017	0.18	0.28	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	May 15, 2017	1.50	2.36	1.50	100.0%
18830810	96	449	MOORE	13132050	4	May 15, 2017	0.48	0.75	0.48	100.0%
18830810	263	393	MOORE	13132050	4	May 15, 2017	0.18	0.28	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 14, 2017	0.68	0.70	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 15, 2017	1.64	2.58	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	May 15, 2017	0.14	0.22	0.14	100.0%
18840422	201	83	SWAUGER	13127600	5	May 14, 2017	1.12	1.16	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	May 14, 2017	1.05	1.09	1.05	100.0%
18840422	585	951	SWAUGER	13127600	5	May 14, 2017	0.18	0.19	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 14, 2017	0.07	0.07	0.07	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 14, 2017	0.20	0.21	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 14, 2017	1.44	1.49	1.44	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 14, 2017	0.96	0.99	0.96	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 14, 2017	2.17	2.24	2.17	100.0%
18840422	336	1390	BURNETT	13127750	5	May 14, 2017	0.50	0.52	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	May 14, 2017	1.92	1.98	1.92	100.0%
18840422	544	1067	SHARP	13126500	6	May 13, 2017	1.00	1.00	1.00	100.0%
18840422	632	1539	SHARP	13126500	6	May 13, 2017	0.10	0.10	0.10	100.0%
18840422	2525	407	SHARP	13126500	6	May 13, 2017	0.06	0.06	0.06	100.0%
18840422	24	120	SHARP	13126500	6	May 13, 2017	0.08	0.08	0.08	100.0%
18840422	390	406	SHARP	13126500	6	May 13, 2017	0.09	0.09	0.09	100.0%
18840422	103	1289	SHARP	13126500	6	May 13, 2017	0.58	0.58	0.58	100.0%
18840422	347	938	SHARP	13126500	6	May 13, 2017	2.95	2.95	2.95	100.0%
18840422	397	10	SHARP	13126500	6	May 13, 2017	0.10	0.10	0.10	100.0%
18840430	119	1366	BURNETT	13127750	5	May 14, 2017	0.40	0.41	0.40	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 13, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 13, 2017	0.22	0.22	0.22	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 15, 2017	0.18	0.28	0.18	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 15, 2017	1.15	1.81	1.15	100.0%
18840520	187	1441	Lower Eastside &	13132291	2	May 15, 2017	0.01	0.02	0.01	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 15, 2017	0.16	0.25	0.16	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 15, 2017	0.80	1.26	0.80	100.0%
18840520	85	1584	MOORE	13132050	4	May 15, 2017	0.22	0.35	0.22	100.0%
18840520	427	1	MOORE	13132050	4	May 15, 2017	1.04	1.63	1.04	100.0%
18840520	340	816	MOORE	13132050	4	May 15, 2017	0.34	0.53	0.34	100.0%
18840520	433	271	MOORE	13132050	4	May 15, 2017	0.54	0.85	0.54	100.0%
18840520	66	266	MOORE	13132050	4	May 15, 2017	0.02	0.03	0.02	100.0%
18840520	459	1478	MOORE	13132050	4	May 15, 2017	0.01	0.02	0.01	100.0%
18840520	459	797	MOORE	13132050	4	May 15, 2017	1.20	1.88	1.20	100.0%
18840520	219	547	MOORE	13132050	4	May 15, 2017	1.15	1.81	1.15	100.0%
18840520	263	394	MOORE	13132050	4	May 15, 2017	0.22	0.35	0.22	100.0%
18840520	2333	657	MOORE	13132050	4	May 15, 2017	1.00	1.57	1.00	100.0%

18840520	645	462	MOORE	13132050	4	May 15, 2017	0.32	0.50	0.32	100.0%
18840520	2332	752	MOORE	13132050	4	May 15, 2017	0.36	0.57	0.36	100.0%
18840520	2331	471	MOORE	13132050	4	May 15, 2017	2.14	3.36	2.14	100.0%
18840520	2331	463	MOORE	13132050	4	May 15, 2017	2.24	3.52	2.24	100.0%
18840520	2332	753	MOORE	13132050	4	May 15, 2017	0.42	0.66	0.42	100.0%
18840520	96	451	MOORE	13132050	4	May 15, 2017	0.58	0.91	0.58	100.0%
18840520	2335	265	MOORE	13132050	4	May 15, 2017	0.84	1.32	0.84	100.0%
18840601	263	395	MOORE	13132050	4	May 15, 2017	0.08	0.13	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	May 15, 2017	0.54	0.85	0.54	100.0%
18840601	15	131	MOORE	13132050	4	May 15, 2017	0.37	0.58	0.37	100.0%
18840601	96	453	MOORE	13132050	4	May 15, 2017	0.21	0.33	0.21	100.0%
18840601	85	1585	MOORE	13132050	4	May 15, 2017	0.08	0.13	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	May 15, 2017	0.09	0.14	0.09	100.0%
18840601	297	712	BURNETT	13127750	5	May 14, 2017	0.80	0.83	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	May 14, 2017	0.73	0.76	0.73	100.0%
18840601	151	1042	BURNETT	13127750	5	May 14, 2017	0.23	0.24	0.23	100.0%
18840601	138	441	BURNETT	13127750	5	May 14, 2017	0.04	0.04	0.04	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 13, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 12, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 12, 2017	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	May 15, 2017	1.20	1.88	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	May 15, 2017	0.80	1.26	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	May 15, 2017	1.20	1.88	1.20	100.0%
18840715	15	799	MOORE	13132050	4	May 15, 2017	0.80	1.26	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 15, 2017	0.74	1.16	0.74	100.0%
18840715	115	323	MOORE	13132050	4	May 15, 2017	0.74	1.16	0.74	100.0%
18840731	44	1132	MOORE	13132050	4	May 15, 2017	0.80	1.26	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	May 15, 2017	0.80	1.26	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 15, 2017	0.20	0.31	0.20	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 15, 2017	0.50	0.79	0.50	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 15, 2017	0.44	0.69	0.44	100.0%
18840831	192	772	Upper Eastside &	13132101	2	May 15, 2017	0.40	0.63	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	May 15, 2017	3.20	5.03	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 13, 2017	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	May 14, 2017	0.40	0.41	0.40	100.0%
18841012	205	557	BECK	13130525	4	May 15, 2017	1.76	2.76	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	May 15, 2017	1.25	1.96	1.25	100.0%
18841012	70	341	MOORE	13132050	4	May 15, 2017	0.31	0.49	0.31	100.0%
18841012	459	342	MOORE	13132050	4	May 15, 2017	0.58	0.91	0.58	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 14, 2017	0.80	0.83	0.80	100.0%
18841012	317	385	SWAUGER	13127600	5	May 14, 2017	0.74	0.76	0.74	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 14, 2017	0.28	0.29	0.28	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 14, 2017	3.30	3.41	3.30	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 14, 2017	0.81	0.84	0.81	100.0%
18841012	524	11	SWAUGER	13127600	5	May 14, 2017	2.78	2.87	2.78	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 14, 2017	2.77	2.86	2.77	100.0%
18841012	347	1141	SHARP	13126500	6	May 13, 2017	0.78	0.78	0.78	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 14, 2017	0.79	0.82	0.79	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 14, 2017	0.61	0.63	0.61	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 14, 2017	2.00	2.07	0.83	41.5%
18850501	380	1177	Lower Eastside &	13132291	2	May 15, 2017	2.00	3.14	2.00	100.0%
18850501	426	887	ARCO	13132365	2	May 15, 2017	0.64	1.41	0.64	100.0%
18850501	255	401	NEILSEN	13120805	9	May 12, 2017	0.50	0.50	0.50	100.0%
18850512	192	1399	Upper Eastside &	13132101	2	May 15, 2017	0.20	0.31	0.20	100.0%
18850512	251	22	Upper Eastside &	13132101	2	May 15, 2017	0.16	0.25	0.16	100.0%
18850530	282	1190	SUTTER	13128105	5	May 14, 2017	0.20	0.21	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	May 15, 2017	2.50	3.93	2.50	100.0%
18850531	63	1354	MOORE	13132050	4	May 15, 2017	1.44	2.26	1.44	100.0%
18850601	205	554	BECK	13130525	4	May 15, 2017	0.59	0.93	0.59	100.0%
18850601	15	859	MOORE	13132050	4	May 15, 2017	0.50	0.79	0.50	100.0%
18850601	525	1464	BURNETT	13127750	5	May 14, 2017	1.54	1.59	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	May 13, 2017	1.08	1.08	1.08	100.0%
18850601	544	1184	SHARP	13126500	6	May 13, 2017	0.58	0.58	0.58	100.0%
18850601	405	1182	SHARP	13126500	6	May 13, 2017	0.04	0.04	0.04	100.0%

18850601	101	1201	NEILSEN	13120805	9	May 12, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 14, 2017	3.08	3.18	3.08	100.0%
18851002	437	62	ARCO	13132365	2	May 15, 2017	1.54	3.39	1.54	100.0%
18851002	93	726	ARCO	13132365	2	May 15, 2017	0.50	1.10	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	May 15, 2017	1.16	2.55	1.16	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 13, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 15, 2017	5.60	8.79	5.60	100.0%
18860501	305	927	3IN1	13130605	4	May 15, 2017	0.87	1.36	0.87	100.0%
18860501	417	1050	MOORE	13132050	4	May 15, 2017	2.80	4.40	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 15, 2017	1.20	1.88	1.20	100.0%
18860512	634	1543	Upper Eastside &	13132101	2	May 15, 2017	1.67	2.62	1.67	100.0%
18860512	263	398	MOORE	13132050	4	May 15, 2017	0.18	0.28	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	May 15, 2017	0.18	0.28	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 15, 2017	0.48	0.75	0.48	100.0%
18860601	306	851	Upper Eastside &	13132101	2	May 15, 2017	1.26	1.98	1.26	100.0%
18860601	16	1009	MOORE	13132050	4	May 15, 2017	2.52	3.96	2.52	100.0%
18860601	339	1010	MOORE	13132050	4	May 15, 2017	0.68	1.07	0.68	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 13, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 13, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 15, 2017	0.90	1.41	0.90	100.0%
18860721	336	294	BURNETT	13127750	5	May 14, 2017	0.80	0.83	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 14, 2017	3.00	3.10	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 15, 2017	0.60	0.94	0.60	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 13, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 14, 2017	2.00	2.07	2.00	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	May 15, 2017	0.80	1.26	0.80	100.0%
18870313	459	338	MOORE	13132050	4	May 15, 2017	0.42	0.66	0.42	100.0%
18870313	70	337	MOORE	13132050	4	May 15, 2017	0.23	0.36	0.23	100.0%
18870313	433	683	MOORE	13132050	4	May 15, 2017	0.70	1.10	0.70	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 12, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 13, 2017	3.30	3.30	3.30	100.0%
18870601	305	1351	3IN1	13130605	4	May 15, 2017	1.00	1.57	1.00	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 13, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 13, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 12, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 12, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	May 15, 2017	0.80	1.26	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 14, 2017	0.80	0.83	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 14, 2017	0.80	0.83	0.80	100.0%
18870801	119	1166	BURNETT	13127750	5	May 14, 2017	0.27	0.27	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	May 14, 2017	0.24	0.25	0.24	100.0%
18880601	223	889	Upper Eastside &	13132101	2	May 15, 2017	1.78	2.80	1.78	100.0%
18880601	437	670	ARCO	13132365	2	May 15, 2017	0.33	0.73	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 14, 2017	0.98	1.01	0.98	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 14, 2017	0.42	0.43	0.42	100.0%
18880601	347	1138	SHARP	13126500	6	May 13, 2017	1.18	1.18	1.18	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 13, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 12, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 12, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	May 11, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	May 15, 2017	0.22	0.35	0.22	100.0%
18880801	442	750	MUNSEY	13132375	2	May 15, 2017	0.40	0.88	0.40	100.0%
18890601	652	1566	MOORE	13132050	4	May 15, 2017	0.50	0.79	0.50	100.0%
18890601	463	1396	MOORE	13132050	4	May 15, 2017	0.20	0.31	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	May 15, 2017	0.30	0.47	0.30	100.0%
18890601	441	205	MOORE	13132050	4	May 15, 2017	0.97	1.52	0.97	100.0%
18890601	589	716	BURNETT	13127750	5	May 14, 2017	2.70	2.79	2.70	100.0%
18890601	336	979	BURNETT	13127750	5	May 14, 2017	0.74	0.76	0.74	100.0%
18890601	475	969	BURNETT	13127750	5	May 14, 2017	1.20	1.24	1.20	100.0%
18900601	426	756	ARCO	13132365	2	May 15, 2017	0.57	1.25	0.57	100.0%
18900601	372	886	ARCO	13132365	2	May 15, 2017	0.59	1.30	0.59	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 13, 2017	3.20	3.20	3.20	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 12, 2017	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 12, 2017	1.76	1.76	1.76	100.0%

18910630	205	555	BECK	13130525	4	May 15, 2017	0.31	0.49	0.31	100.0%
18910630	44	1253	MOORE	13132050	4	May 15, 2017	0.50	0.79	0.50	100.0%
18910630	44	1003	MOORE	13132050	4	May 15, 2017	0.76	1.19	0.76	100.0%
18910630	2332	1255	MOORE	13132050	4	May 15, 2017	0.26	0.41	0.26	100.0%
18910630	2332	1254	MOORE	13132050	4	May 15, 2017	0.48	0.75	0.48	100.0%
18910801	307	77	CHILLY	13121105	9	May 12, 2017	5.20	5.20	5.20	100.0%
18930201	417	380	MOORE	13132050	4	May 15, 2017	0.22	0.35	0.22	100.0%
18940310	265	1223	BURNETT	13127750	5	May 14, 2017	2.80	2.89	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 14, 2017	0.44	0.45	0.44	100.0%
18940310	386	268	SUTTER	13128105	5	May 14, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 12, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 13, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 15, 2017	0.80	1.26	0.80	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 15, 2017	3.20	5.03	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 15, 2017	0.15	0.24	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 14, 2017	0.11	0.11	0.11	100.0%
18940601	390	408	SHARP	13126500	6	May 13, 2017	0.03	0.03	0.03	100.0%
18940601	307	39	CHILLY	13121105	9	May 12, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 14, 2017	1.10	1.14	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 12, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	May 15, 2017	0.80	1.26	0.30	37.5%
18950601	417	378	MOORE	13132050	4	May 15, 2017	0.10	0.16	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 14, 2017	2.40	2.48	2.40	100.0%
18950601	445	410	NEILSEN	13120805	9	May 12, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 12, 2017	0.02	0.02	0.02	100.0%
18950630	265	1224	BURNETT	13127750	5	May 14, 2017	2.62	2.71	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 13, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	May 15, 2017	1.47	2.31	1.47	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 15, 2017	0.70	1.10	0.70	100.0%
18960601	45	998	Lower Eastside &	13132291	2	May 15, 2017	0.12	0.19	0.12	100.0%
18960601	417	381	MOORE	13132050	4	May 15, 2017	2.40	3.77	2.40	100.0%
18960601	463	128	MOORE	13132050	4	May 15, 2017	1.60	2.51	1.60	100.0%
18960601	13	1119	MOORE	13132050	4	May 15, 2017	0.40	0.63	0.40	100.0%
18960601	15	1106	MOORE	13132050	4	May 15, 2017	1.17	1.84	1.17	100.0%
18960601	441	207	MOORE	13132050	4	May 15, 2017	1.00	1.57	1.00	100.0%
18960601	459	993	MOORE	13132050	4	May 15, 2017	0.40	0.63	0.40	100.0%
18960601	2334	1495	MOORE	13132050	4	May 15, 2017	2.22	3.49	2.22	100.0%
18960601	85	1521	MOORE	13132050	4	May 15, 2017	0.23	0.36	0.23	100.0%
18960601	263	399	MOORE	13132050	4	May 15, 2017	0.27	0.42	0.27	100.0%
18960601	417	992	MOORE	13132050	4	May 15, 2017	1.20	1.88	1.20	100.0%
18960601	263	397	MOORE	13132050	4	May 15, 2017	0.35	0.55	0.35	100.0%
18960601	85	1522	MOORE	13132050	4	May 15, 2017	0.32	0.50	0.32	100.0%
18960601	652	1567	MOORE	13132050	4	May 15, 2017	0.58	0.91	0.58	100.0%
18960601	96	461	MOORE	13132050	4	May 15, 2017	0.73	1.15	0.73	100.0%
18960601	339	1118	MOORE	13132050	4	May 15, 2017	1.57	2.47	1.57	100.0%
18960601	96	457	MOORE	13132050	4	May 15, 2017	0.92	1.44	0.92	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 13, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 15, 2017	2.00	4.40	2.00	100.0%
18960801	405	1185	SHARP	13126500	6	May 13, 2017	0.04	0.04	0.04	100.0%
18960901	437	671	ARCO	13132365	2	May 15, 2017	0.13	0.29	0.13	100.0%
18960928	150	215	MUNSEY	13132375	2	May 15, 2017	1.97	4.33	1.97	100.0%
18960928	392	840	MUNSEY	13132375	2	May 15, 2017	2.90	6.38	2.90	100.0%
18960928	150	216	MUNSEY	13132375	2	May 15, 2017	0.03	0.07	0.03	100.0%
18970510	437	664	ARCO	13132365	2	May 15, 2017	1.74	3.83	1.74	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 15, 2017	1.34	2.11	1.34	100.0%
18970531	589	1312	BURNETT	13127750	5	May 14, 2017	0.02	0.02	0.02	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 14, 2017	3.20	3.30	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 15, 2017	0.24	0.38	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 13, 2017	2.40	2.40	2.40	100.0%
18980601	437	1310	ARCO	13132365	2	May 15, 2017	1.32	2.90	1.32	100.0%
18980601	483	1274	CHILLY	13121105	9	May 12, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 12, 2017	2.01	2.01	2.01	100.0%
18980901	268	562	ARCO	13132365	2	May 15, 2017	1.57	3.45	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 13, 2017	0.50	0.50	0.50	100.0%

18981101	101	1104	Churn Dasher Ran	13123040	8	May 13, 2017	0.50	0.50	0.50	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 15, 2017	0.29	0.46	0.29	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 15, 2017	0.84	1.32	0.84	100.0%
18990327	187	18	Lower Eastside &	13132291	2	May 15, 2017	0.03	0.05	0.03	100.0%
18990327	2331	467	MOORE	13132050	4	May 15, 2017	0.60	0.94	0.60	100.0%
18990327	2331	469	MOORE	13132050	4	May 15, 2017	0.03	0.05	0.03	100.0%
18990327	459	1090	MOORE	13132050	4	May 15, 2017	0.60	0.94	0.60	100.0%
18990327	645	466	MOORE	13132050	4	May 15, 2017	0.01	0.02	0.01	100.0%
18990327	459	1477	MOORE	13132050	4	May 15, 2017	0.01	0.02	0.01	100.0%
18990327	433	272	MOORE	13132050	4	May 15, 2017	0.48	0.75	0.48	100.0%
18990327	219	549	MOORE	13132050	4	May 15, 2017	0.15	0.24	0.15	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 15, 2017	2.80	6.16	2.80	100.0%
18990518	138	443	BURNETT	13127750	5	May 14, 2017	0.02	0.02	0.02	100.0%
18990518	151	1044	BURNETT	13127750	5	May 14, 2017	0.15	0.15	0.15	100.0%
18990601	201	705	SWAUGER	13127600	5	May 14, 2017	0.28	0.29	0.28	100.0%
18990601	490	981	BURNETT	13127750	5	May 14, 2017	0.80	0.83	0.80	100.0%
18990601	307	72	NEILSEN	13120805	9	May 12, 2017	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	May 15, 2017	0.64	1.41	0.64	100.0%
19000601	386	270	SUTTER	13128105	5	May 14, 2017	0.08	0.08	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 12, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 13, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 13, 2017	3.20	3.20	3.20	100.0%
19010901	433	685	MOORE	13132050	4	May 15, 2017	0.47	0.74	0.47	100.0%
19010901	459	340	MOORE	13132050	4	May 15, 2017	0.23	0.36	0.23	100.0%
19010901	70	339	MOORE	13132050	4	May 15, 2017	0.12	0.19	0.12	100.0%
19010901	151	1039	BURNETT	13127750	5	May 14, 2017	0.09	0.09	0.09	100.0%
19010901	138	439	BURNETT	13127750	5	May 14, 2017	0.02	0.02	0.02	100.0%
19011001	96	455	MOORE	13132050	4	May 15, 2017	0.30	0.47	0.30	100.0%
19011001	263	396	MOORE	13132050	4	May 15, 2017	0.08	0.13	0.08	100.0%
19011102	426	1159	ARCO	13132365	2	May 15, 2017	1.32	2.90	1.32	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 12, 2017	2.60	2.60	2.60	100.0%
19020301	15	81	MOORE	13132050	4	May 15, 2017	0.76	1.19	0.76	100.0%
19020301	13	1122	MOORE	13132050	4	May 15, 2017	0.31	0.48	0.31	100.0%
19020301	15	1121	MOORE	13132050	4	May 15, 2017	0.11	0.17	0.11	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 13, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 12, 2017	0.86	0.86	0.86	100.0%
19020301	310	836	CHILLY	13121105	9	May 12, 2017	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	May 12, 2017	3.40	3.40	3.40	100.0%
19020301	307	834	CHILLY	13121105	9	May 12, 2017	2.40	2.40	2.40	100.0%
19020301	307	676	CHILLY	13121105	9	May 12, 2017	3.85	3.85	3.85	100.0%
19020301	483	1500	CHILLY	13121105	9	May 12, 2017	1.60	1.60	1.60	100.0%
19020301	373	24	CHILLY	13121105	9	May 12, 2017	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 12, 2017	3.20	3.20	3.20	100.0%
19020304	129	1062	CHILLY	13121105	9	May 12, 2017	3.20	3.20	3.20	100.0%
19020401	1	978	6X Ranch 6	13124100	8	May 13, 2017	2.20	2.20	2.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 12, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 12, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 15, 2017	1.84	2.89	1.84	100.0%
19020501	310	631	CHILLY	13121105	9	May 12, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 11, 2017	0.62	0.62	0.62	100.0%
19020601	16	1014	MOORE	13132050	4	May 15, 2017	0.92	1.44	0.92	100.0%
19020601	339	1015	MOORE	13132050	4	May 15, 2017	0.66	1.04	0.66	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 13, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 12, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 12, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 13, 2017	1.74	1.74	1.74	100.0%
19040517	16	1074	MOORE	13132050	4	May 15, 2017	1.46	2.29	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	May 14, 2017	0.08	0.08	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 14, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	May 12, 2017	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 13, 2017	1.20	1.20	0.02	1.7%
19050501	498	779	BRADSHAW	13120705	9	May 12, 2017	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 12, 2017	0.02	0.02	0.02	100.0%
19050501	255	402	NEILSEN	13120805	9	May 12, 2017	0.50	0.50	0.50	100.0%

19050501	403	1196	NEILSEN	13120805	9	May 12, 2017	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	May 12, 2017	0.30	0.30	0.30	100.0%
19050501	154	812	NEILSEN	13120805	9	May 12, 2017	0.10	0.10	0.10	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 12, 2017	3.00	3.00	3.00	100.0%
19050501	1	37	NEILSEN	13120805	9	May 12, 2017	0.68	0.68	0.68	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 12, 2017	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 12, 2017	0.65	0.65	0.65	100.0%
19050501	373	432	CHILLY	13121105	9	May 12, 2017	0.58	0.58	0.58	100.0%
19050501	129	1063	CHILLY	13121105	9	May 12, 2017	0.80	0.80	0.80	100.0%
19050501	364	690	CHILLY	13121105	9	May 12, 2017	1.00	1.00	1.00	100.0%
19050501	310	115	CHILLY	13121105	9	May 12, 2017	1.90	1.90	1.90	100.0%
19050501	364	629	CHILLY	13121105	9	May 12, 2017	0.40	0.40	0.40	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 12, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 11, 2017	2.58	2.58	2.58	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 12, 2017	1.08	1.08	1.08	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 12, 2017	1.30	1.30	1.30	100.0%
19080401	483	848	LONGHURST	13121505	9	May 12, 2017	2.10	2.10	2.10	100.0%
19081207	70	343	MOORE	13132050	4	May 15, 2017	0.16	0.25	0.16	100.0%
19081207	459	344	MOORE	13132050	4	May 15, 2017	0.33	0.52	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 13, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 13, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 12, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 12, 2017	0.80	0.80	0.80	100.0%
19120401	483	13	LONGHURST	13121505	9	May 12, 2017	1.71	1.71	1.71	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 12, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 12, 2017	0.03	0.03	0.03	100.0%
19121014	403	813	NEILSEN	13120805	9	May 12, 2017	0.40	0.40	0.40	100.0%
19131224	373	25	CHILLY	13121105	9	May 12, 2017	1.08	1.08	1.08	100.0%
19140601	154	914	NEILSEN	13120805	9	May 12, 2017	0.80	0.80	0.80	100.0%
19160501	129	633	CHILLY	13121105	9	May 12, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 13, 2017	1.36	1.36	1.36	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 13, 2017	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	May 15, 2017	0.01	0.02	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	May 15, 2017	0.79	1.74	0.79	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	May 13, 2017	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	May 15, 2017	0.50	0.79	0.50	100.0%
19740402	150	220	MUNSEY	13132375	2	May 15, 2017	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 15, 2017	3.60	7.92	3.60	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 15, 2017	10.86	23.90	10.86	100.0%
19950203	476	1272	3IN1	13130605	4	May 15, 2017	30.00	47.12	30.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 15, 2017	9.98	15.67	9.98	100.0%
19950411	476	1273	BURNETT	13127750	5	May 14, 2017	18.78	19.39	18.78	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 12, 2017	10.97	10.97	10.97	100.0%
19950411	476	1273	CHILLY	13121105	9	May 12, 2017	18.79	18.79	18.79	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 13, 2017	10000.00	10000.00	1963.83	19.6%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 12	2980.0	4.8		2984.8	0.00	2984.8	4.8	0.0		2980.0	0.0	
9	Howell to Chilly	May 13	2072.0	151.5		-756.5	0.25	2228.3	132.7	18.8		2090.8	-18.8	
8	Chilly to Reservoir	* May 14	2005.0	72.4		5.4	0.00	2233.7	63.2	9.2		2033.0	-28.0	
	Disconnected													
7	Mackay Reservoir	* May 14	1641.0	0.0		2005.0	0.00	2005.0	1616.0			389.0		
6	Reservoir to 2B	May 14	1630.0	11.0		0.0	0.00	1996.3	8.7	2.3		380.3	1249.7	
5	2B to Leslie	May 15	1430.0	133.0		-67.0	0.04	1902.3	78.4	54.6		286.3	1143.7	
4	Leslie to Eastside In	May 16	785.8	194.6		-449.6	0.31	1696.7	115.6	79.0		80.6	705.2	
2a	Eastside In To Weirs	* May 16	664.2	10.9	0.0	-110.7	0.14	1672.6	12.7	-1.8		56.6	607.6	0.0
2b	Weirs To Eastside Out	* May 16	542.8	9.3	0.0	-112.1	0.17	1653.3	9.7	-0.4		37.3	505.5	0.0
2c	Eastside Out To Blw Muns	* May 16	440.9	101.9	0.0	0.0	0.00	1616.0	37.3	64.6	0.0	0.0	440.9	0.0
1	Blw Munsey to Arco	May 16	348.0	0.0		-92.9	0.21	1609.8	0.0	0.0		0.0	440.9	
3	River blw Moore Div	May 16	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	2079.2	226.3	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 12	0.0		20090101	16%	1	18800630	3.2	556.5	88.9	
9	Howell to Chilly	May 13	-756.5		20090101	16%	2	18810630	1.7	294.0	47.2	
8	Chilly to Reservoir	May 14	0.0		20090101	16%	3	18880601	3.2	556.5	88.9	
	Disconnected						4	18960601	6.4	1113.0	177.7	
7	Mackay Reservoir	May 14	0.0		20090101	16%	5	19020301	0.8	140.0	22.2	
6	Reservoir to 2B	May 14	0.0	0.0	20090101	16%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 15	-15.6	-51.3	20090101	16%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 16	-90.0	-359.6	20090101	16%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 16	-11.4	-99.3	0.0	20090101	16%	9	Add Vol	Unlimited	200000.0	56648.9
2b	Weirs To Eastside Out	May 16	-9.6	-102.5	0.0	20090101	16%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 16	0.0	0.0	0.0	20090101	16%		TOTAL		296511.0	100924.7
1	Blw Munsey to Arco	May 16	0.0	-440.9	0.0	20090101	16%					
3	River blw Moore Div	May 16	0.0	0.0		20090101	16%					
	TOTAL		-883.0	-1054.2	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
22750.0	23460.0		710.0	358.0	6.1	262.5	197.8	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	32224.7
Total Storage Loss	-21109.7
Total Storage Deliver	-3938.6
Total Evaporation	-196.8
Accounting Balance	<u>23459.6</u>
Current Res Content	23460.0
Storage Balance Error	-0.4

DAILY STORAGE BALANCE

22750.0 Reservoir Content Previous Day [ac-ft]
23460.0 Reservoir Content Current Day [ac-ft]
710.0 Physical Change in Storage [ac-ft]

3205.4 Storage Allocated to Mackay Reservoir [ac-ft]
-2091.0 Stored Flow Losses [ac-ft]
-51.3 2B to Leslie [cfs]
-359.6 Leslie to Moore [cfs]
-643.3 Eastside [cfs]
0.0 River blw Moore [cfs]
-392.3 Storage Delivered [ac-ft]
2.3 Reservoir to 2B [cfs]
54.6 2B to Leslie [cfs]
79.0 Leslie to Moore [cfs]
61.9 Eastside to blw Munsey [cfs]
-12.1 Evaporation [ac-ft]
710.0 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

2005.0 Natural Flow into Mackay Reservoir [cfs]

1616.0 Reservoir Rights Diverted [cfs]
120.5 Natural Flow Losses below Reservoir [cfs]
-15.6 2B to Leslie [cfs]
-90.0 Leslie to Moore [cfs]
-14.9 Eastside as River [cfs]
268.4 Natural Flow Delivered [cfs]
8.7 Reservoir to 2B [cfs]
78.4 2B to Leslie [cfs]
115.6 Leslie to Moore [cfs]
65.7 Eastside to blw Munsey [cfs]
2004.9 Natural Flow Delivered & Lost [cfs]

0.1 Balance [CFS]

Upper Eastside And Island Details										
	Inflow			Outflow				Calculations		
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	Flow Out
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	785.8			10.9	-1.8	332.1	332.1	-110.7	14.1%	664.2
Natural Flow	80.6			12.7	-2.1			-11.4		56.6
Stored Flow	705.2			-1.8	0.3			-99.3		607.6
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details										
	Inflow			Outflow			Calculations			
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss	
Gage #	13132159	13132292		13132291		13132350				
Actual Flow	332.1	332.1		9.3	-3.7	542.8	-112.1	16.9%	-217.3	
Natural Flow				9.7	-3.9	37.3	-9.6		-14.9	
Stored Flow				-0.4	0.2	505.5	-102.5		-202.4	
Exchange Flow			0.0			0.0	0.0			

End of Reach Details				
	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	542.8	101.9	440.9	
Natural Flow	37.3	37.3	0.0	
Stored Flow	505.5	64.6	440.9	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations					
	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060		13132350	
Actual Flow	25.7	760.1	11.2	653.0	542.8
Natural Flow	28.4	52.2	11.7	44.9	37.3
Stored Flow	-2.7	707.9	-0.5	608.1	505.5
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	11.0	2.3	40.7
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.0	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	22.0	3.1	106.7
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.5	6.5	77.4	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	7.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	65.5	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	72.0	24.7	668.1
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	671.7
9 NEILSEN	41.0	8.3	110.5	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	3.0	6.0	5 SUTTER	6.0	2.7	32.7
9 CHILLY	68.0	0.0	214.2	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	32.0	26.7	326.9
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	0.0	0.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.5	0.3	4.2	4 3IN1	36.6	4.7	166.7
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	2.2	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	126.0	47.5	1164.2
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	10.1	5.9	11.8	2 EASTSIDE FHDiv	25.7	-2.7	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	38.2	505.5	9399.3
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	0.0	0.0	0.0	2 MUNSEY	63.7	505.5	9399.3
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	0.0	0.0	20.7	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 13, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	May 13, 2017	4.36	4.36	4.36	100.0%
18800601	370	530	ARCO	13132365	2	May 16, 2017	0.15	0.32	0.15	100.0%
18800601	93	723	ARCO	13132365	2	May 16, 2017	0.04	0.09	0.04	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 14, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 14, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 14, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 14, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 14, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 13, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 14, 2017	3.00	3.00	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	May 16, 2017	1.38	2.10	1.38	100.0%
18830601	645	464	MOORE	13132050	4	May 16, 2017	0.11	0.17	0.11	100.0%
18830601	2331	465	MOORE	13132050	4	May 16, 2017	0.79	1.20	0.79	100.0%
18830810	192	1109	Upper Eastside &	13132101	2	May 16, 2017	0.21	0.32	0.21	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 16, 2017	0.43	0.65	0.43	100.0%
18830810	263	393	MOORE	13132050	4	May 16, 2017	0.18	0.27	0.18	100.0%
18830810	96	449	MOORE	13132050	4	May 16, 2017	0.48	0.73	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	May 16, 2017	0.18	0.27	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	May 16, 2017	1.50	2.28	1.50	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 15, 2017	0.68	0.71	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 16, 2017	1.64	2.49	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	May 16, 2017	0.14	0.21	0.14	100.0%
18840422	585	951	SWAUGER	13127600	5	May 15, 2017	0.18	0.19	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 15, 2017	0.07	0.07	0.07	100.0%
18840422	201	83	SWAUGER	13127600	5	May 15, 2017	1.12	1.17	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	May 15, 2017	1.05	1.10	1.05	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 15, 2017	1.44	1.50	1.44	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 15, 2017	0.20	0.21	0.20	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 15, 2017	2.17	2.26	2.17	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 15, 2017	0.96	1.00	0.96	100.0%
18840422	525	1465	BURNETT	13127750	5	May 15, 2017	1.92	2.00	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	May 15, 2017	0.50	0.52	0.50	100.0%
18840422	390	406	SHARP	13126500	6	May 14, 2017	0.09	0.09	0.09	100.0%
18840422	397	10	SHARP	13126500	6	May 14, 2017	0.10	0.10	0.10	100.0%
18840422	24	120	SHARP	13126500	6	May 14, 2017	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	May 14, 2017	0.58	0.58	0.58	100.0%
18840422	347	938	SHARP	13126500	6	May 14, 2017	2.95	2.95	2.95	100.0%
18840422	2525	407	SHARP	13126500	6	May 14, 2017	0.06	0.06	0.06	100.0%
18840422	632	1539	SHARP	13126500	6	May 14, 2017	0.10	0.10	0.10	100.0%
18840422	544	1067	SHARP	13126500	6	May 14, 2017	1.00	1.00	1.00	100.0%
18840430	119	1366	BURNETT	13127750	5	May 15, 2017	0.40	0.42	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 14, 2017	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 14, 2017	1.80	1.80	1.80	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 16, 2017	0.16	0.24	0.16	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 16, 2017	1.15	1.75	1.15	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 16, 2017	0.18	0.28	0.18	100.0%
18840520	187	1441	Lower Eastside &	13132291	2	May 16, 2017	0.01	0.02	0.01	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 16, 2017	0.80	1.22	0.80	100.0%
18840520	2333	657	MOORE	13132050	4	May 16, 2017	0.92	1.40	0.92	100.0%
18840520	2335	265	MOORE	13132050	4	May 16, 2017	0.78	1.19	0.78	100.0%
18840520	340	816	MOORE	13132050	4	May 16, 2017	0.32	0.49	0.32	100.0%
18840520	219	547	MOORE	13132050	4	May 16, 2017	1.15	1.75	1.15	100.0%
18840520	645	462	MOORE	13132050	4	May 16, 2017	0.31	0.47	0.31	100.0%
18840520	2332	753	MOORE	13132050	4	May 16, 2017	0.42	0.64	0.42	100.0%
18840520	66	266	MOORE	13132050	4	May 16, 2017	0.02	0.03	0.02	100.0%
18840520	2332	752	MOORE	13132050	4	May 16, 2017	0.36	0.55	0.36	100.0%
18840520	427	1	MOORE	13132050	4	May 16, 2017	0.94	1.43	0.94	100.0%
18840520	263	394	MOORE	13132050	4	May 16, 2017	0.22	0.33	0.22	100.0%

18840520	433	271	MOORE	13132050	4	May 16, 2017	0.54	0.82	0.54	100.0%
18840520	459	797	MOORE	13132050	4	May 16, 2017	1.20	1.83	1.20	100.0%
18840520	96	451	MOORE	13132050	4	May 16, 2017	0.58	0.88	0.58	100.0%
18840520	2331	471	MOORE	13132050	4	May 16, 2017	2.13	3.24	2.13	100.0%
18840520	85	1584	MOORE	13132050	4	May 16, 2017	0.22	0.33	0.22	100.0%
18840520	459	1478	MOORE	13132050	4	May 16, 2017	0.01	0.02	0.01	100.0%
18840520	2331	463	MOORE	13132050	4	May 16, 2017	2.24	3.41	2.24	100.0%
18840601	263	395	MOORE	13132050	4	May 16, 2017	0.08	0.12	0.08	100.0%
18840601	15	131	MOORE	13132050	4	May 16, 2017	0.37	0.56	0.37	100.0%
18840601	85	1585	MOORE	13132050	4	May 16, 2017	0.08	0.12	0.08	100.0%
18840601	96	453	MOORE	13132050	4	May 16, 2017	0.21	0.32	0.21	100.0%
18840601	85	1544	MOORE	13132050	4	May 16, 2017	0.09	0.14	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	May 16, 2017	0.54	0.82	0.54	100.0%
18840601	119	56	BURNETT	13127750	5	May 15, 2017	0.73	0.77	0.73	100.0%
18840601	297	712	BURNETT	13127750	5	May 15, 2017	0.80	0.83	0.80	100.0%
18840601	138	441	BURNETT	13127750	5	May 15, 2017	0.04	0.04	0.04	100.0%
18840601	151	1042	BURNETT	13127750	5	May 15, 2017	0.23	0.24	0.23	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 14, 2017	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 13, 2017	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 13, 2017	0.80	0.80	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	May 16, 2017	1.20	1.83	1.20	100.0%
18840715	133	324	MOORE	13132050	4	May 16, 2017	0.68	1.03	0.68	100.0%
18840715	15	799	MOORE	13132050	4	May 16, 2017	0.80	1.22	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	May 16, 2017	0.80	1.22	0.80	100.0%
18840715	115	323	MOORE	13132050	4	May 16, 2017	0.68	1.03	0.68	100.0%
18840715	417	1194	MOORE	13132050	4	May 16, 2017	1.20	1.83	1.20	100.0%
18840731	44	1131	MOORE	13132050	4	May 16, 2017	0.80	1.22	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	May 16, 2017	0.80	1.22	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 16, 2017	0.20	0.30	0.20	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 16, 2017	0.44	0.67	0.44	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 16, 2017	0.44	0.67	0.44	100.0%
18840831	180	276	Upper Eastside &	13132101	2	May 16, 2017	1.31	1.99	1.31	100.0%
18840831	192	772	Upper Eastside &	13132101	2	May 16, 2017	0.40	0.61	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	May 16, 2017	3.20	4.87	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 14, 2017	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	May 15, 2017	0.40	0.42	0.40	100.0%
18841012	205	557	BECK	13130525	4	May 16, 2017	1.76	2.68	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	May 16, 2017	1.25	1.90	1.25	100.0%
18841012	459	342	MOORE	13132050	4	May 16, 2017	0.58	0.88	0.58	100.0%
18841012	70	341	MOORE	13132050	4	May 16, 2017	0.31	0.47	0.31	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 15, 2017	0.28	0.29	0.28	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 15, 2017	0.80	0.83	0.80	100.0%
18841012	524	11	SWAUGER	13127600	5	May 15, 2017	2.78	2.90	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 15, 2017	0.81	0.84	0.81	100.0%
18841012	317	385	SWAUGER	13127600	5	May 15, 2017	0.74	0.77	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 15, 2017	3.30	3.44	3.30	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 15, 2017	2.77	2.89	2.77	100.0%
18841012	347	1141	SHARP	13126500	6	May 14, 2017	0.78	0.78	0.78	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 15, 2017	0.61	0.64	0.61	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 15, 2017	1.10	1.15	1.10	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 15, 2017	1.65	1.72	0.52	31.5%
18850501	380	1177	Lower Eastside &	13132291	2	May 16, 2017	1.78	2.71	1.78	100.0%
18850501	426	887	ARCO	13132365	2	May 16, 2017	0.64	1.36	0.64	100.0%
18850501	255	401	NEILSEN	13120805	9	May 13, 2017	0.50	0.50	0.50	100.0%
18850512	192	1399	Upper Eastside &	13132101	2	May 16, 2017	0.20	0.30	0.20	100.0%
18850530	282	1190	SUTTER	13128105	5	May 15, 2017	0.20	0.21	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	May 16, 2017	2.14	3.26	2.14	100.0%
18850531	63	1354	MOORE	13132050	4	May 16, 2017	1.30	1.98	1.30	100.0%
18850601	205	554	BECK	13130525	4	May 16, 2017	0.59	0.90	0.59	100.0%
18850601	15	859	MOORE	13132050	4	May 16, 2017	0.50	0.76	0.50	100.0%
18850601	525	1464	BURNETT	13127750	5	May 15, 2017	1.54	1.61	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	May 14, 2017	0.58	0.58	0.58	100.0%
18850601	280	1183	SHARP	13126500	6	May 14, 2017	1.08	1.08	1.08	100.0%
18850601	405	1182	SHARP	13126500	6	May 14, 2017	0.04	0.04	0.04	100.0%

18850601	101	1201	NEILSEN	13120805	9	May 13, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 15, 2017	3.08	3.21	3.08	100.0%
18851002	93	726	ARCO	13132365	2	May 16, 2017	0.50	1.06	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	May 16, 2017	1.16	2.47	1.16	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 14, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 16, 2017	4.80	7.30	4.80	100.0%
18860501	305	927	3IN1	13130605	4	May 16, 2017	0.86	1.31	0.86	100.0%
18860501	417	644	MOORE	13132050	4	May 16, 2017	1.20	1.83	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 16, 2017	2.80	4.26	2.80	100.0%
18860512	634	1543	Upper Eastside &	13132101	2	May 16, 2017	0.63	0.96	0.63	100.0%
18860512	96	459	MOORE	13132050	4	May 16, 2017	0.48	0.73	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	May 16, 2017	0.18	0.27	0.18	100.0%
18860512	263	398	MOORE	13132050	4	May 16, 2017	0.18	0.27	0.18	100.0%
18860601	306	851	Upper Eastside &	13132101	2	May 16, 2017	1.08	1.64	1.08	100.0%
18860601	339	1010	MOORE	13132050	4	May 16, 2017	0.68	1.03	0.68	100.0%
18860601	16	1009	MOORE	13132050	4	May 16, 2017	2.52	3.83	2.52	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 14, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 14, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 16, 2017	0.78	1.19	0.78	100.0%
18860721	336	294	BURNETT	13127750	5	May 15, 2017	0.80	0.83	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 15, 2017	3.00	3.13	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 16, 2017	0.72	1.10	0.72	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 14, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 15, 2017	2.00	2.09	2.00	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	May 16, 2017	0.80	1.22	0.80	100.0%
18870313	459	338	MOORE	13132050	4	May 16, 2017	0.42	0.64	0.42	100.0%
18870313	433	683	MOORE	13132050	4	May 16, 2017	0.70	1.06	0.70	100.0%
18870313	70	337	MOORE	13132050	4	May 16, 2017	0.23	0.35	0.23	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 13, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 14, 2017	3.30	3.30	3.30	100.0%
18870601	305	1351	3IN1	13130605	4	May 16, 2017	1.00	1.52	1.00	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 14, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 14, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 13, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 13, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	May 16, 2017	0.80	1.22	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 15, 2017	0.80	0.83	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 15, 2017	0.80	0.83	0.80	100.0%
18870801	119	1166	BURNETT	13127750	5	May 15, 2017	0.27	0.28	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	May 15, 2017	0.24	0.25	0.24	100.0%
18880601	223	889	Upper Eastside &	13132101	2	May 16, 2017	1.52	2.31	1.52	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 15, 2017	0.98	1.02	0.98	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 15, 2017	0.42	0.44	0.42	100.0%
18880601	347	1138	SHARP	13126500	6	May 14, 2017	1.18	1.18	1.18	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 14, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 13, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 13, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	May 12, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	May 16, 2017	0.22	0.33	0.22	100.0%
18880801	442	750	MUNSEY	13132375	2	May 16, 2017	0.40	0.85	0.40	100.0%
18890601	463	1396	MOORE	13132050	4	May 16, 2017	0.20	0.30	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	May 16, 2017	0.30	0.46	0.30	100.0%
18890601	652	1566	MOORE	13132050	4	May 16, 2017	0.50	0.76	0.50	100.0%
18890601	441	205	MOORE	13132050	4	May 16, 2017	0.97	1.48	0.97	100.0%
18890601	475	969	BURNETT	13127750	5	May 15, 2017	1.20	1.25	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 15, 2017	2.70	2.82	2.70	100.0%
18890601	336	979	BURNETT	13127750	5	May 15, 2017	0.74	0.77	0.74	100.0%
18900601	372	886	ARCO	13132365	2	May 16, 2017	0.59	1.26	0.59	100.0%
18900601	426	756	ARCO	13132365	2	May 16, 2017	0.57	1.21	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 14, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 14, 2017	3.20	3.20	3.20	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 13, 2017	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 13, 2017	0.24	0.24	0.24	100.0%
18910630	205	555	BECK	13130525	4	May 16, 2017	0.31	0.47	0.31	100.0%

18910630	44	1253	MOORE	13132050	4	May 16, 2017	0.12	0.18	0.12	100.0%
18910630	2332	1254	MOORE	13132050	4	May 16, 2017	0.44	0.67	0.44	100.0%
18910630	44	1003	MOORE	13132050	4	May 16, 2017	0.76	1.16	0.76	100.0%
18910801	307	77	CHILLY	13121105	9	May 13, 2017	5.20	5.20	5.20	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 14, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 16, 2017	0.22	0.33	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 14, 2017	0.74	0.74	0.74	100.0%
18940310	475	989	BURNETT	13127750	5	May 15, 2017	0.44	0.46	0.44	100.0%
18940310	265	1223	BURNETT	13127750	5	May 15, 2017	2.80	2.92	2.80	100.0%
18940310	386	268	SUTTER	13128105	5	May 15, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 13, 2017	2.60	2.60	2.60	100.0%
18940521	463	933	MOORE	13132050	4	May 16, 2017	0.80	1.22	0.80	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 16, 2017	3.20	4.87	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 16, 2017	0.15	0.23	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 15, 2017	0.11	0.11	0.11	100.0%
18940601	390	408	SHARP	13126500	6	May 14, 2017	0.03	0.03	0.03	100.0%
18940601	307	39	CHILLY	13121105	9	May 13, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 15, 2017	1.10	1.15	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 13, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	May 16, 2017	0.80	1.22	0.11	13.2%
18950601	417	378	MOORE	13132050	4	May 16, 2017	0.10	0.15	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 15, 2017	2.40	2.50	2.40	100.0%
18950601	445	411	NEILSEN	13120805	9	May 13, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 13, 2017	0.18	0.18	0.18	100.0%
18950630	265	1224	BURNETT	13127750	5	May 15, 2017	2.62	2.73	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 14, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	May 16, 2017	1.47	2.24	1.47	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 16, 2017	0.70	1.06	0.70	100.0%
18960601	2334	1495	MOORE	13132050	4	May 16, 2017	2.00	3.04	2.00	100.0%
18960601	85	1522	MOORE	13132050	4	May 16, 2017	0.14	0.21	0.14	100.0%
18960601	652	1567	MOORE	13132050	4	May 16, 2017	0.48	0.73	0.48	100.0%
18960601	85	1521	MOORE	13132050	4	May 16, 2017	0.23	0.35	0.23	100.0%
18960601	96	457	MOORE	13132050	4	May 16, 2017	0.92	1.40	0.92	100.0%
18960601	96	461	MOORE	13132050	4	May 16, 2017	0.63	0.96	0.63	100.0%
18960601	463	128	MOORE	13132050	4	May 16, 2017	1.60	2.43	1.60	100.0%
18960601	459	993	MOORE	13132050	4	May 16, 2017	0.40	0.61	0.40	100.0%
18960601	441	207	MOORE	13132050	4	May 16, 2017	1.00	1.52	1.00	100.0%
18960601	417	992	MOORE	13132050	4	May 16, 2017	1.20	1.83	1.20	100.0%
18960601	417	381	MOORE	13132050	4	May 16, 2017	2.40	3.65	2.40	100.0%
18960601	15	1106	MOORE	13132050	4	May 16, 2017	1.17	1.78	1.17	100.0%
18960601	339	1118	MOORE	13132050	4	May 16, 2017	1.57	2.39	1.57	100.0%
18960601	13	1119	MOORE	13132050	4	May 16, 2017	0.40	0.61	0.40	100.0%
18960601	263	397	MOORE	13132050	4	May 16, 2017	0.35	0.53	0.35	100.0%
18960601	263	399	MOORE	13132050	4	May 16, 2017	0.23	0.35	0.23	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 14, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 16, 2017	2.00	4.26	2.00	100.0%
18960801	405	1185	SHARP	13126500	6	May 14, 2017	0.04	0.04	0.04	100.0%
18960928	392	840	MUNSEY	13132375	2	May 16, 2017	3.52	7.50	3.52	100.0%
18960928	150	216	MUNSEY	13132375	2	May 16, 2017	0.03	0.06	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	May 16, 2017	1.97	4.20	1.97	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 16, 2017	1.34	2.04	1.34	100.0%
18970531	589	1312	BURNETT	13127750	5	May 15, 2017	0.02	0.02	0.02	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 15, 2017	3.20	3.34	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 16, 2017	0.24	0.37	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 14, 2017	2.40	2.40	2.40	100.0%
18980601	483	1274	CHILLY	13121105	9	May 13, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 13, 2017	2.01	2.01	2.01	100.0%
18980901	122	821	ARCO	13132365	2	May 16, 2017	0.10	0.21	0.10	100.0%
18980901	268	562	ARCO	13132365	2	May 16, 2017	1.57	3.34	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 14, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 14, 2017	0.50	0.50	0.50	100.0%
18990327	187	18	Lower Eastside &	13132291	2	May 16, 2017	0.03	0.04	0.03	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 16, 2017	0.84	1.28	0.84	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 16, 2017	0.29	0.44	0.29	100.0%

18990327	219	549	MOORE	13132050	4	May 16, 2017	0.03	0.05	0.03	100.0%
18990327	433	272	MOORE	13132050	4	May 16, 2017	0.48	0.73	0.48	100.0%
18990327	459	1090	MOORE	13132050	4	May 16, 2017	0.60	0.91	0.60	100.0%
18990327	459	1477	MOORE	13132050	4	May 16, 2017	0.01	0.02	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 16, 2017	2.80	5.96	2.80	100.0%
18990518	151	1044	BURNETT	13127750	5	May 15, 2017	0.15	0.16	0.15	100.0%
18990518	138	443	BURNETT	13127750	5	May 15, 2017	0.02	0.02	0.02	100.0%
18990601	201	705	SWAUGER	13127600	5	May 15, 2017	0.28	0.29	0.28	100.0%
18990601	490	981	BURNETT	13127750	5	May 15, 2017	0.80	0.83	0.80	100.0%
18990601	307	72	NEILSEN	13120805	9	May 13, 2017	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	May 16, 2017	0.80	1.70	0.80	100.0%
19000601	386	270	SUTTER	13128105	5	May 15, 2017	0.08	0.08	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 13, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 14, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 14, 2017	3.20	3.20	3.20	100.0%
19010901	433	685	MOORE	13132050	4	May 16, 2017	0.09	0.14	0.09	100.0%
19010901	459	340	MOORE	13132050	4	May 16, 2017	0.23	0.35	0.23	100.0%
19010901	70	339	MOORE	13132050	4	May 16, 2017	0.12	0.18	0.12	100.0%
19010901	151	1039	BURNETT	13127750	5	May 15, 2017	0.09	0.09	0.09	100.0%
19010901	138	439	BURNETT	13127750	5	May 15, 2017	0.02	0.02	0.02	100.0%
19011102	426	1159	ARCO	13132365	2	May 16, 2017	1.32	2.81	1.32	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 13, 2017	2.60	2.60	2.60	100.0%
19020301	13	1122	MOORE	13132050	4	May 16, 2017	0.31	0.46	0.31	100.0%
19020301	15	81	MOORE	13132050	4	May 16, 2017	0.46	0.70	0.46	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 14, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 13, 2017	0.86	0.86	0.86	100.0%
19020301	307	676	CHILLY	13121105	9	May 13, 2017	3.85	3.85	3.85	100.0%
19020301	307	834	CHILLY	13121105	9	May 13, 2017	2.40	2.40	2.40	100.0%
19020301	310	836	CHILLY	13121105	9	May 13, 2017	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	May 13, 2017	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 13, 2017	3.40	3.40	3.40	100.0%
19020301	483	1500	CHILLY	13121105	9	May 13, 2017	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 13, 2017	3.20	3.20	3.20	100.0%
19020304	129	1062	CHILLY	13121105	9	May 13, 2017	3.20	3.20	3.20	100.0%
19020401	1	978	6X Ranch 6	13124100	8	May 14, 2017	2.20	2.20	2.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 13, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 13, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 16, 2017	1.64	2.49	1.64	100.0%
19020501	310	631	CHILLY	13121105	9	May 13, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 12, 2017	0.62	0.62	0.62	100.0%
19020601	16	1014	MOORE	13132050	4	May 16, 2017	0.92	1.40	0.92	100.0%
19020601	339	1015	MOORE	13132050	4	May 16, 2017	0.66	1.00	0.66	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 14, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 13, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 13, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 14, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 14, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 16, 2017	1.46	2.22	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	May 15, 2017	0.08	0.08	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 15, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	May 13, 2017	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 14, 2017	0.13	0.13	0.13	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 13, 2017	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 13, 2017	0.62	0.62	0.62	100.0%
19050501	255	402	NEILSEN	13120805	9	May 13, 2017	0.50	0.50	0.50	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 13, 2017	0.82	0.82	0.82	100.0%
19050501	403	811	NEILSEN	13120805	9	May 13, 2017	0.30	0.30	0.30	100.0%
19050501	1	37	NEILSEN	13120805	9	May 13, 2017	0.68	0.68	0.68	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 13, 2017	0.40	0.40	0.40	100.0%
19050501	154	812	NEILSEN	13120805	9	May 13, 2017	0.10	0.10	0.10	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 13, 2017	3.00	3.00	3.00	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 13, 2017	0.65	0.65	0.65	100.0%
19050501	364	629	CHILLY	13121105	9	May 13, 2017	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	May 13, 2017	0.58	0.58	0.58	100.0%

19050501	129	1063	CHILLY	13121105	9	May 13, 2017	0.80	0.80	0.80	100.0%
19050501	310	115	CHILLY	13121105	9	May 13, 2017	1.90	1.90	1.90	100.0%
19050501	364	690	CHILLY	13121105	9	May 13, 2017	1.00	1.00	1.00	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 13, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 12, 2017	2.58	2.58	2.58	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 13, 2017	1.08	1.08	1.08	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 13, 2017	1.30	1.30	1.30	100.0%
19080401	483	848	LONGHURST	13121505	9	May 13, 2017	2.10	2.10	2.10	100.0%
19081207	70	343	MOORE	13132050	4	May 16, 2017	0.10	0.15	0.10	100.0%
19081207	459	344	MOORE	13132050	4	May 16, 2017	0.33	0.50	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 14, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 14, 2017	5.52	5.52	5.50	99.6%
19100501	101	1210	NEILSEN	13120805	9	May 13, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 13, 2017	0.80	0.80	0.80	100.0%
19120401	483	13	LONGHURST	13121505	9	May 13, 2017	1.71	1.71	1.71	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 13, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 13, 2017	0.03	0.03	0.03	100.0%
19121014	403	813	NEILSEN	13120805	9	May 13, 2017	0.40	0.40	0.40	100.0%
19131224	373	25	CHILLY	13121105	9	May 13, 2017	1.08	1.08	1.08	100.0%
19140601	154	914	NEILSEN	13120805	9	May 13, 2017	0.80	0.80	0.80	100.0%
19160501	129	633	CHILLY	13121105	9	May 13, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 14, 2017	1.36	1.36	1.36	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 14, 2017	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	May 16, 2017	0.01	0.02	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	May 16, 2017	0.79	1.68	0.79	100.0%
19240806	417	695	MOORE	13132050	4	May 16, 2017	0.50	0.76	0.50	100.0%
19740402	150	220	MUNSEY	13132375	2	May 16, 2017	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 16, 2017	4.40	9.37	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 16, 2017	13.52	28.80	13.52	100.0%
19770529	327	176	MUNSEY	13132375	2	May 16, 2017	0.40	0.85	0.40	100.0%
19950203	476	1272	3IN1	13130605	4	May 16, 2017	30.00	45.63	30.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 16, 2017	9.26	14.09	9.26	100.0%
19950411	476	1273	BURNETT	13127750	5	May 15, 2017	18.78	19.58	18.78	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 13, 2017	10.97	10.97	10.97	100.0%
19950411	476	1273	CHILLY	13121105	9	May 13, 2017	18.79	18.79	18.79	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 14, 2017	10000.00	10000.00	1600.74	16.0%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 13	2830.0	4.8		2834.8	0.00	2834.8	4.8	0.0		2830.0	0.0	
9	Howell to Chilly	May 14	1790.0	146.5		-893.5	0.32	1941.3	127.7	18.8		1808.8	-18.8	
8	Chilly to Reservoir	* May 15	1659.4	70.2		-60.5	0.03	1880.8	60.9	9.2		1687.4	-28.0	
	Disconnected													
7	Mackay Reservoir	* May 15	1391.0	0.0		1659.4	0.00	1659.4	1298.0			361.4		
6	Reservoir to 2B	May 15	1380.0	11.0		0.0	0.00	1650.7	8.7	2.3		352.7	1027.3	
5	2B to Leslie	May 16	1010.0	143.0		-227.0	0.16	1504.3	88.4	54.6		206.3	803.7	
4	Leslie to Eastside In	May 17	753.2	208.6		-48.2	0.05	1373.4	121.0	87.6		75.4	677.8	
2a	Eastside In To Weirs	* May 17	632.2	12.0	0.0	-109.0	0.14	1348.5	14.0	-2.0		50.5	581.7	0.0
2b	Weirs To Eastside Out	* May 17	511.3	10.2	0.0	-110.7	0.18	1329.5	10.2	0.0		31.5	479.8	0.0
2c	Eastside Out To Blw Muns	* May 17	425.6	85.7	0.0	0.0	0.00	1298.0	31.5	54.2	0.0	0.0	425.6	0.0
1	Blw Munsey to Arco	May 17	335.0	0.0		-90.6	0.21	1291.0	0.0	0.0		0.0	425.6	
3	River blw Moore Div	May 17	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	1765.1	224.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 13	0.0		20090101	13%	1	18800630	3.2	556.5	95.2	
9	Howell to Chilly	May 14	-893.5		20090101	13%	2	18810630	1.7	294.0	50.6	
8	Chilly to Reservoir	May 15	-60.5		20090101	13%	3	18880601	3.2	556.5	95.2	
	Disconnected						4	18960601	6.4	1113.0	190.4	
7	Mackay Reservoir	May 15	0.0		20090101	13%	5	19020301	0.8	140.0	23.8	
6	Reservoir to 2B	May 15	0.0	0.0	20090101	13%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 16	-58.0	-169.0	20090101	13%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 17	-9.8	-38.4	20090101	13%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 17	-10.9	-98.1	0.0	20090101	13%	9	Add Vol	Unlimited	200000.0	59193.1
2b	Weirs To Eastside Out	May 17	-8.8	-101.9	0.0	20090101	13%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 17	0.0	0.0	0.0	20090101	13%		TOTAL		296511.0	103499.3
1	Blw Munsey to Arco	May 17	0.0	-425.6	0.0	20090101	13%					
3	River blw Moore Div	May 17	0.0	0.0		20090101	13%					
	TOTAL		-1041.6	-833.3	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
23460.0	23980.0		520.0	262.2	6.2	273.8	196.5	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	34799.3
Total Storage Loss	-22762.5
Total Storage Deliver	-4328.2
Total Evaporation	-209.1
Accounting Balance	23979.5
Current Res Content	23980.0
Storage Balance Error	-0.5

DAILY STORAGE BALANCE

23460.0 Reservoir Content Previous Day [ac-ft]
23980.0 Reservoir Content Current Day [ac-ft]
520.0 Physical Change in Storage [ac-ft]

2574.5 Storage Allocated to Mackay Reservoir [ac-ft]
-1652.9 Stored Flow Losses [ac-ft]
-169.0 2B to Leslie [cfs]
-38.4 Leslie to Moore [cfs]
-625.9 Eastside [cfs]
0.0 River blw Moore [cfs]
-389.6 Storage Delivered [ac-ft]
2.3 Reservoir to 2B [cfs]
54.6 2B to Leslie [cfs]
87.6 Leslie to Moore [cfs]
51.9 Eastside to blw Munsey [cfs]
-12.3 Evaporation [ac-ft]
519.7 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1659.4 Natural Flow into Mackay Reservoir [cfs]

1298.0 Reservoir Rights Diverted [cfs]
80.9 Natural Flow Losses below Reservoir [cfs]
-58.0 2B to Leslie [cfs]
-9.8 Leslie to Moore [cfs]
-13.1 Eastside as River [cfs]
280.4 Natural Flow Delivered [cfs]
8.7 Reservoir to 2B [cfs]
88.4 2B to Leslie [cfs]
121.0 Leslie to Moore [cfs]
62.3 Eastside to blw Munsey [cfs]
1659.3 Natural Flow Delivered & Lost [cfs]

0.1 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	753.2			12.0	-2.0	316.1	316.1	-109.0	14.5%	632.2
Natural Flow	75.4			14.0	-2.4			-10.9		50.5
Stored Flow	677.8			-2.0	0.3			-98.1		581.7
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	316.1	316.1		10.2	-4.3	511.3	-110.7	17.5%	-213.4
Natural Flow				10.2	-4.2	31.5	-8.8		-13.1
Stored Flow				0.0	0.0	479.8	-101.9		-200.3
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	511.3		425.6	85.7
Natural Flow	31.5		0.0	31.5
Stored Flow	479.8		425.6	54.2
Exchange Flow	0.0		0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060		13132350	
Actual Flow	28.5	724.7	12.4	619.8	511.3
Natural Flow	30.8	44.6	12.3	38.2	31.5
Stored Flow	-2.3	680.1	0.1	581.6	479.8
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	11.0	2.3	45.3
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	7.0	0.1	0.1	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	22.0	3.1	112.8
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.5	6.5	90.2	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	17.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	73.4	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	72.0	24.7	717.0
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	719.7
9 NEILSEN	36.0	8.3	126.9	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	3.0	11.9	5 SUTTER	6.0	2.7	38.0
9 CHILLY	68.0	0.0	214.2	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	32.0	26.7	379.8
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	0.0	0.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.5	0.3	4.8	4 3IN1	36.6	4.7	176.1
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	140.0	56.2	1275.7
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	10.1	5.9	23.6	2 EASTSIDE FHDiv	28.5	-2.3	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	37.6	479.8	10351.0
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	0.0	0.0	0.0	2 MUNSEY	48.1	479.8	10351.0
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	0.0	0.0	20.7	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 14, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	May 14, 2017	4.36	4.36	4.36	100.0%
18800601	370	530	ARCO	13132365	2	May 17, 2017	0.15	0.27	0.15	100.0%
18800601	93	723	ARCO	13132365	2	May 17, 2017	0.04	0.07	0.04	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 15, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 15, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 15, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 15, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 15, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 14, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 15, 2017	3.00	3.00	3.00	100.0%
18830601	645	464	MOORE	13132050	4	May 17, 2017	0.11	0.14	0.11	100.0%
18830601	2331	465	MOORE	13132050	4	May 17, 2017	0.79	0.99	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	May 17, 2017	1.52	1.91	1.52	100.0%
18830810	192	1109	Upper Eastside &	13132101	2	May 17, 2017	0.21	0.27	0.21	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 17, 2017	0.43	0.54	0.43	100.0%
18830810	85	1583	MOORE	13132050	4	May 17, 2017	0.18	0.23	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	May 17, 2017	1.50	1.89	1.50	100.0%
18830810	96	449	MOORE	13132050	4	May 17, 2017	0.48	0.60	0.48	100.0%
18830810	263	393	MOORE	13132050	4	May 17, 2017	0.18	0.23	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 16, 2017	0.68	0.81	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 17, 2017	1.64	2.06	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	May 17, 2017	0.14	0.18	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	May 16, 2017	1.05	1.26	1.05	100.0%
18840422	585	951	SWAUGER	13127600	5	May 16, 2017	0.18	0.22	0.18	100.0%
18840422	201	83	SWAUGER	13127600	5	May 16, 2017	1.12	1.34	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 16, 2017	0.07	0.08	0.07	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 16, 2017	1.44	1.72	1.44	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 16, 2017	2.17	2.60	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 16, 2017	0.20	0.24	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 16, 2017	0.96	1.15	0.96	100.0%
18840422	525	1465	BURNETT	13127750	5	May 16, 2017	1.92	2.30	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	May 16, 2017	0.50	0.60	0.50	100.0%
18840422	544	1067	SHARP	13126500	6	May 15, 2017	1.00	1.00	1.00	100.0%
18840422	397	10	SHARP	13126500	6	May 15, 2017	0.10	0.10	0.10	100.0%
18840422	390	406	SHARP	13126500	6	May 15, 2017	0.09	0.09	0.09	100.0%
18840422	103	1289	SHARP	13126500	6	May 15, 2017	0.58	0.58	0.58	100.0%
18840422	347	938	SHARP	13126500	6	May 15, 2017	2.95	2.95	2.95	100.0%
18840422	2525	407	SHARP	13126500	6	May 15, 2017	0.06	0.06	0.06	100.0%
18840422	632	1539	SHARP	13126500	6	May 15, 2017	0.10	0.10	0.10	100.0%
18840422	24	120	SHARP	13126500	6	May 15, 2017	0.08	0.08	0.08	100.0%
18840430	119	1366	BURNETT	13127750	5	May 16, 2017	0.40	0.48	0.40	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 15, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 15, 2017	0.22	0.22	0.22	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 17, 2017	0.18	0.23	0.18	100.0%
18840520	187	1441	Lower Eastside &	13132291	2	May 17, 2017	0.01	0.01	0.01	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 17, 2017	1.15	1.45	1.15	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 17, 2017	0.16	0.20	0.16	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 17, 2017	0.80	1.01	0.80	100.0%
18840520	2332	752	MOORE	13132050	4	May 17, 2017	0.36	0.45	0.36	100.0%
18840520	2335	265	MOORE	13132050	4	May 17, 2017	0.88	1.11	0.88	100.0%
18840520	459	797	MOORE	13132050	4	May 17, 2017	1.20	1.51	1.20	100.0%
18840520	96	451	MOORE	13132050	4	May 17, 2017	0.58	0.73	0.58	100.0%
18840520	219	547	MOORE	13132050	4	May 17, 2017	1.15	1.45	1.15	100.0%
18840520	85	1584	MOORE	13132050	4	May 17, 2017	0.22	0.28	0.22	100.0%
18840520	263	394	MOORE	13132050	4	May 17, 2017	0.22	0.28	0.22	100.0%
18840520	645	462	MOORE	13132050	4	May 17, 2017	0.32	0.40	0.32	100.0%
18840520	2333	657	MOORE	13132050	4	May 17, 2017	1.02	1.28	1.02	100.0%
18840520	2332	753	MOORE	13132050	4	May 17, 2017	0.42	0.53	0.42	100.0%

18840520	433	271	MOORE	13132050	4	May 17, 2017	0.54	0.68	0.54	100.0%
18840520	340	816	MOORE	13132050	4	May 17, 2017	0.36	0.45	0.36	100.0%
18840520	427	1	MOORE	13132050	4	May 17, 2017	1.06	1.33	1.06	100.0%
18840520	2331	471	MOORE	13132050	4	May 17, 2017	2.14	2.69	2.14	100.0%
18840520	2331	463	MOORE	13132050	4	May 17, 2017	2.24	2.82	2.24	100.0%
18840520	459	1478	MOORE	13132050	4	May 17, 2017	0.01	0.01	0.01	100.0%
18840520	66	266	MOORE	13132050	4	May 17, 2017	0.02	0.03	0.02	100.0%
18840601	263	395	MOORE	13132050	4	May 17, 2017	0.08	0.10	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	May 17, 2017	0.54	0.68	0.54	100.0%
18840601	96	453	MOORE	13132050	4	May 17, 2017	0.21	0.26	0.21	100.0%
18840601	85	1585	MOORE	13132050	4	May 17, 2017	0.08	0.10	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	May 17, 2017	0.09	0.11	0.09	100.0%
18840601	15	131	MOORE	13132050	4	May 17, 2017	0.37	0.46	0.37	100.0%
18840601	297	712	BURNETT	13127750	5	May 16, 2017	0.80	0.96	0.80	100.0%
18840601	151	1042	BURNETT	13127750	5	May 16, 2017	0.23	0.28	0.23	100.0%
18840601	138	441	BURNETT	13127750	5	May 16, 2017	0.04	0.05	0.04	100.0%
18840601	119	56	BURNETT	13127750	5	May 16, 2017	0.73	0.88	0.73	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 15, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 14, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 14, 2017	0.40	0.40	0.40	100.0%
18840715	459	1195	MOORE	13132050	4	May 17, 2017	1.20	1.51	1.20	100.0%
18840715	133	324	MOORE	13132050	4	May 17, 2017	0.76	0.96	0.76	100.0%
18840715	44	1005	MOORE	13132050	4	May 17, 2017	0.80	1.01	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 17, 2017	1.20	1.51	1.20	100.0%
18840715	115	323	MOORE	13132050	4	May 17, 2017	0.76	0.96	0.76	100.0%
18840715	15	799	MOORE	13132050	4	May 17, 2017	0.80	1.01	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	May 17, 2017	0.80	1.01	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	May 17, 2017	0.80	1.01	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 17, 2017	0.20	0.25	0.20	100.0%
18840831	180	276	Upper Eastside &	13132101	2	May 17, 2017	1.31	1.65	1.31	100.0%
18840831	192	772	Upper Eastside &	13132101	2	May 17, 2017	0.40	0.50	0.40	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 17, 2017	0.50	0.63	0.50	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 17, 2017	0.44	0.55	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	May 17, 2017	3.20	4.02	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 15, 2017	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	May 16, 2017	0.40	0.48	0.40	100.0%
18841012	205	557	BECK	13130525	4	May 17, 2017	1.76	2.21	1.76	100.0%
18841012	459	342	MOORE	13132050	4	May 17, 2017	0.58	0.73	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	May 17, 2017	1.25	1.57	1.25	100.0%
18841012	70	341	MOORE	13132050	4	May 17, 2017	0.31	0.39	0.31	100.0%
18841012	524	11	SWAUGER	13127600	5	May 16, 2017	2.78	3.33	2.78	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 16, 2017	0.80	0.96	0.80	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 16, 2017	0.81	0.97	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 16, 2017	2.77	3.32	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	May 16, 2017	0.74	0.89	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 16, 2017	3.30	3.95	3.30	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 16, 2017	0.28	0.33	0.28	100.0%
18841012	347	1141	SHARP	13126500	6	May 15, 2017	0.78	0.78	0.78	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 16, 2017	0.61	0.73	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 16, 2017	1.65	1.97	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 16, 2017	0.79	0.95	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 16, 2017	1.10	1.32	1.10	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 16, 2017	2.00	2.39	2.00	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	May 17, 2017	1.98	2.49	1.98	100.0%
18850501	426	887	ARCO	13132365	2	May 17, 2017	0.64	1.14	0.64	100.0%
18850501	255	401	NEILSEN	13120805	9	May 14, 2017	0.50	0.50	0.50	100.0%
18850512	251	22	Upper Eastside &	13132101	2	May 17, 2017	0.08	0.10	0.08	100.0%
18850512	192	1399	Upper Eastside &	13132101	2	May 17, 2017	0.20	0.25	0.20	100.0%
18850530	282	1190	SUTTER	13128105	5	May 16, 2017	0.20	0.24	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	May 17, 2017	2.36	2.97	2.36	100.0%
18850531	63	1354	MOORE	13132050	4	May 17, 2017	1.46	1.83	1.46	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 16, 2017	3.20	3.83	3.20	100.0%
18850601	205	554	BECK	13130525	4	May 17, 2017	0.59	0.74	0.59	100.0%
18850601	15	859	MOORE	13132050	4	May 17, 2017	0.50	0.63	0.50	100.0%

18850601	20	949	DARLINGTON	13127735	5	May 16, 2017	0.40	0.48	0.40	100.0%
18850601	212	315	DARLINGTON	13127735	5	May 16, 2017	0.94	1.13	0.94	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 16, 2017	2.60	3.11	1.54	59.2%
18850601	525	1464	BURNETT	13127750	5	May 16, 2017	1.54	1.84	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	May 15, 2017	0.58	0.58	0.58	100.0%
18850601	280	1183	SHARP	13126500	6	May 15, 2017	1.08	1.08	1.08	100.0%
18850601	405	1182	SHARP	13126500	6	May 15, 2017	0.04	0.04	0.04	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 14, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 16, 2017	3.08	3.69	3.08	100.0%
18851002	93	726	ARCO	13132365	2	May 17, 2017	0.50	0.89	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	May 17, 2017	1.16	2.07	1.16	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 15, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 17, 2017	5.28	6.64	5.28	100.0%
18860501	305	927	3IN1	13130605	4	May 17, 2017	0.86	1.09	0.86	100.0%
18860501	417	644	MOORE	13132050	4	May 17, 2017	1.20	1.51	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 17, 2017	2.80	3.52	2.80	100.0%
18860512	634	1543	Upper Eastside &	13132101	2	May 17, 2017	0.77	0.97	0.77	100.0%
18860512	263	398	MOORE	13132050	4	May 17, 2017	0.18	0.23	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 17, 2017	0.48	0.60	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	May 17, 2017	0.18	0.23	0.18	100.0%
18860601	306	851	Upper Eastside &	13132101	2	May 17, 2017	1.20	1.51	1.20	100.0%
18860601	339	1010	MOORE	13132050	4	May 17, 2017	0.68	0.85	0.68	100.0%
18860601	16	1009	MOORE	13132050	4	May 17, 2017	2.52	3.17	2.52	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 15, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 15, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 17, 2017	0.86	1.08	0.86	100.0%
18860721	336	294	BURNETT	13127750	5	May 16, 2017	0.80	0.96	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 16, 2017	3.00	3.59	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 17, 2017	0.68	0.85	0.68	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 15, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 16, 2017	2.00	2.39	2.00	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	May 17, 2017	0.80	1.01	0.80	100.0%
18870313	433	683	MOORE	13132050	4	May 17, 2017	0.70	0.88	0.70	100.0%
18870313	70	337	MOORE	13132050	4	May 17, 2017	0.23	0.29	0.23	100.0%
18870313	459	338	MOORE	13132050	4	May 17, 2017	0.42	0.53	0.42	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 14, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 15, 2017	3.30	3.30	3.30	100.0%
18870601	305	1351	3IN1	13130605	4	May 17, 2017	1.00	1.26	1.00	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 15, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 15, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 14, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 14, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	May 17, 2017	0.80	1.01	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 16, 2017	0.80	0.96	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 16, 2017	0.80	0.96	0.80	100.0%
18870801	119	1166	BURNETT	13127750	5	May 16, 2017	0.27	0.32	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	May 16, 2017	0.24	0.29	0.24	100.0%
18880601	223	889	Upper Eastside &	13132101	2	May 17, 2017	1.68	2.11	1.68	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 16, 2017	0.42	0.50	0.42	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 16, 2017	0.98	1.17	0.98	100.0%
18880601	347	1138	SHARP	13126500	6	May 15, 2017	1.18	1.18	1.18	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 15, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 14, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 14, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	May 13, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	May 17, 2017	0.22	0.28	0.22	100.0%
18880801	442	750	MUNSEY	13132375	2	May 17, 2017	0.40	0.71	0.40	100.0%
18890601	463	1396	MOORE	13132050	4	May 17, 2017	0.20	0.25	0.20	100.0%
18890601	441	205	MOORE	13132050	4	May 17, 2017	0.97	1.22	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	May 17, 2017	0.50	0.63	0.50	100.0%
18890601	599	1552	MOORE	13132050	4	May 17, 2017	0.32	0.40	0.32	100.0%
18890601	589	716	BURNETT	13127750	5	May 16, 2017	2.70	3.23	2.70	100.0%
18890601	475	969	BURNETT	13127750	5	May 16, 2017	1.20	1.44	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	May 16, 2017	0.74	0.89	0.74	100.0%

18900601	372	886	ARCO	13132365	2	May 17, 2017	0.59	1.05	0.59	100.0%
18900601	426	756	ARCO	13132365	2	May 17, 2017	0.57	1.02	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 15, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 15, 2017	3.20	3.20	3.20	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 14, 2017	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 14, 2017	1.76	1.76	1.76	100.0%
18910630	205	555	BECK	13130525	4	May 17, 2017	0.31	0.39	0.31	100.0%
18910630	44	1003	MOORE	13132050	4	May 17, 2017	0.76	0.96	0.76	100.0%
18910630	2332	1255	MOORE	13132050	4	May 17, 2017	0.26	0.33	0.26	100.0%
18910630	2332	1254	MOORE	13132050	4	May 17, 2017	0.48	0.60	0.48	100.0%
18910630	44	1253	MOORE	13132050	4	May 17, 2017	0.48	0.60	0.48	100.0%
18910801	307	77	CHILLY	13121105	9	May 14, 2017	5.20	5.20	5.20	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 15, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 17, 2017	0.22	0.28	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 15, 2017	0.74	0.74	0.74	100.0%
18940310	265	1223	BURNETT	13127750	5	May 16, 2017	2.80	3.35	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 16, 2017	0.44	0.53	0.44	100.0%
18940310	386	268	SUTTER	13128105	5	May 16, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 14, 2017	2.60	2.60	2.60	100.0%
18940521	463	933	MOORE	13132050	4	May 17, 2017	0.80	1.01	0.80	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 17, 2017	3.20	4.02	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 17, 2017	0.15	0.19	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 16, 2017	0.11	0.13	0.11	100.0%
18940601	390	408	SHARP	13126500	6	May 15, 2017	0.03	0.03	0.03	100.0%
18940601	307	39	CHILLY	13121105	9	May 14, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 16, 2017	1.10	1.32	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 14, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	May 17, 2017	0.80	1.01	0.80	100.0%
18950601	417	378	MOORE	13132050	4	May 17, 2017	0.10	0.13	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 16, 2017	2.40	2.87	2.40	100.0%
18950601	445	411	NEILSEN	13120805	9	May 14, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 14, 2017	0.18	0.18	0.18	100.0%
18950630	265	1224	BURNETT	13127750	5	May 16, 2017	2.62	3.14	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 15, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	May 17, 2017	1.47	1.85	1.47	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 17, 2017	0.70	0.88	0.70	100.0%
18960601	45	998	Lower Eastside &	13132291	2	May 17, 2017	0.08	0.10	0.08	100.0%
18960601	180	278	Upper Eastside &	13132101	2	May 17, 2017	0.41	0.52	0.12	29.9%
18960601	463	128	MOORE	13132050	4	May 17, 2017	1.60	2.01	1.60	100.0%
18960601	15	1106	MOORE	13132050	4	May 17, 2017	1.17	1.47	1.17	100.0%
18960601	13	1119	MOORE	13132050	4	May 17, 2017	0.40	0.50	0.40	100.0%
18960601	263	399	MOORE	13132050	4	May 17, 2017	0.27	0.34	0.27	100.0%
18960601	263	397	MOORE	13132050	4	May 17, 2017	0.35	0.44	0.35	100.0%
18960601	417	381	MOORE	13132050	4	May 17, 2017	2.40	3.02	2.40	100.0%
18960601	85	1521	MOORE	13132050	4	May 17, 2017	0.23	0.29	0.23	100.0%
18960601	85	1522	MOORE	13132050	4	May 17, 2017	0.34	0.43	0.34	100.0%
18960601	96	461	MOORE	13132050	4	May 17, 2017	0.73	0.92	0.73	100.0%
18960601	2334	1495	MOORE	13132050	4	May 17, 2017	2.22	2.79	2.22	100.0%
18960601	652	1567	MOORE	13132050	4	May 17, 2017	0.60	0.75	0.60	100.0%
18960601	96	457	MOORE	13132050	4	May 17, 2017	0.92	1.16	0.92	100.0%
18960601	417	992	MOORE	13132050	4	May 17, 2017	1.20	1.51	1.20	100.0%
18960601	339	1118	MOORE	13132050	4	May 17, 2017	1.57	1.97	1.57	100.0%
18960601	459	993	MOORE	13132050	4	May 17, 2017	0.40	0.50	0.40	100.0%
18960601	441	207	MOORE	13132050	4	May 17, 2017	1.00	1.26	1.00	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 15, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 17, 2017	2.00	3.56	2.00	100.0%
18960801	405	1185	SHARP	13126500	6	May 15, 2017	0.04	0.04	0.04	100.0%
18960928	150	215	MUNSEY	13132375	2	May 17, 2017	1.97	3.51	1.97	100.0%
18960928	392	840	MUNSEY	13132375	2	May 17, 2017	3.30	5.88	3.30	100.0%
18960928	150	216	MUNSEY	13132375	2	May 17, 2017	0.03	0.05	0.03	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 17, 2017	1.34	1.69	1.34	100.0%
18970531	589	1312	BURNETT	13127750	5	May 16, 2017	0.02	0.02	0.02	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 16, 2017	3.20	3.83	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 17, 2017	0.24	0.30	0.24	100.0%

18970630	307	483	Mtn. Springs 1	13122920	8	May 15, 2017	2.40	2.40	2.40	100.0%
18980601	483	1274	CHILLY	13121105	9	May 14, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 14, 2017	2.01	2.01	2.01	100.0%
18980901	268	562	ARCO	13132365	2	May 17, 2017	1.57	2.80	1.57	100.0%
18980901	122	821	ARCO	13132365	2	May 17, 2017	0.10	0.18	0.10	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 15, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 15, 2017	0.50	0.50	0.50	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 17, 2017	0.84	1.06	0.84	100.0%
18990327	187	18	Lower Eastside &	13132291	2	May 17, 2017	0.03	0.04	0.03	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 17, 2017	0.29	0.36	0.29	100.0%
18990327	2331	467	MOORE	13132050	4	May 17, 2017	0.57	0.72	0.57	100.0%
18990327	433	272	MOORE	13132050	4	May 17, 2017	0.48	0.60	0.48	100.0%
18990327	645	466	MOORE	13132050	4	May 17, 2017	0.05	0.06	0.05	100.0%
18990327	219	549	MOORE	13132050	4	May 17, 2017	0.15	0.19	0.15	100.0%
18990327	459	1477	MOORE	13132050	4	May 17, 2017	0.01	0.01	0.01	100.0%
18990327	459	1090	MOORE	13132050	4	May 17, 2017	0.60	0.75	0.60	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 17, 2017	2.80	4.99	2.80	100.0%
18990518	138	443	BURNETT	13127750	5	May 16, 2017	0.02	0.02	0.02	100.0%
18990518	151	1044	BURNETT	13127750	5	May 16, 2017	0.15	0.18	0.15	100.0%
18990601	201	705	SWAUGER	13127600	5	May 16, 2017	0.28	0.34	0.28	100.0%
18990601	490	981	BURNETT	13127750	5	May 16, 2017	0.80	0.96	0.80	100.0%
18990601	307	72	NEILSEN	13120805	9	May 14, 2017	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	May 17, 2017	0.80	1.43	0.80	100.0%
19000601	386	270	SUTTER	13128105	5	May 16, 2017	0.08	0.10	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 14, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 15, 2017	1.24	1.24	1.20	96.8%
19010731	130	1284	Donahue 2	13122950	8	May 15, 2017	3.20	3.20	3.20	100.0%
19010901	433	685	MOORE	13132050	4	May 17, 2017	0.45	0.57	0.45	100.0%
19010901	459	340	MOORE	13132050	4	May 17, 2017	0.23	0.29	0.23	100.0%
19010901	70	339	MOORE	13132050	4	May 17, 2017	0.12	0.15	0.12	100.0%
19010901	138	439	BURNETT	13127750	5	May 16, 2017	0.02	0.02	0.02	100.0%
19010901	151	1039	BURNETT	13127750	5	May 16, 2017	0.09	0.11	0.09	100.0%
19011001	96	455	MOORE	13132050	4	May 17, 2017	0.28	0.35	0.28	100.0%
19011001	263	396	MOORE	13132050	4	May 17, 2017	0.10	0.13	0.10	100.0%
19011102	426	1159	ARCO	13132365	2	May 17, 2017	1.32	2.35	1.32	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 14, 2017	2.60	2.60	2.60	100.0%
19020301	13	1122	MOORE	13132050	4	May 17, 2017	0.31	0.38	0.31	100.0%
19020301	15	81	MOORE	13132050	4	May 17, 2017	0.76	0.95	0.76	100.0%
19020301	15	1121	MOORE	13132050	4	May 17, 2017	0.09	0.11	0.09	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 15, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 14, 2017	0.86	0.86	0.86	100.0%
19020301	307	834	CHILLY	13121105	9	May 14, 2017	2.40	2.40	2.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 14, 2017	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 14, 2017	3.40	3.40	3.40	100.0%
19020301	364	952	CHILLY	13121105	9	May 14, 2017	3.20	3.20	3.20	100.0%
19020301	307	676	CHILLY	13121105	9	May 14, 2017	3.85	3.85	3.85	100.0%
19020301	310	836	CHILLY	13121105	9	May 14, 2017	0.80	0.80	0.80	100.0%
19020301	483	1500	CHILLY	13121105	9	May 14, 2017	1.60	1.60	1.60	100.0%
19020304	129	1062	CHILLY	13121105	9	May 14, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 14, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 14, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 17, 2017	1.82	2.29	1.82	100.0%
19020501	310	631	CHILLY	13121105	9	May 14, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 13, 2017	0.62	0.62	0.62	100.0%
19020601	339	1015	MOORE	13132050	4	May 17, 2017	0.66	0.83	0.66	100.0%
19020601	16	1014	MOORE	13132050	4	May 17, 2017	0.92	1.16	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 15, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 14, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 14, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 15, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 15, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 17, 2017	1.46	1.83	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	May 16, 2017	0.08	0.10	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 16, 2017	0.02	0.02	0.02	100.0%

19040620	483	1514	CHILLY	13121105	9	May 14, 2017	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 15, 2017	0.13	0.13	0.13	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 14, 2017	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 14, 2017	0.02	0.02	0.02	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 14, 2017	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	May 14, 2017	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 14, 2017	3.00	3.00	3.00	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 14, 2017	0.65	0.65	0.65	100.0%
19050501	255	402	NEILSEN	13120805	9	May 14, 2017	0.50	0.50	0.50	100.0%
19050501	154	812	NEILSEN	13120805	9	May 14, 2017	0.10	0.10	0.10	100.0%
19050501	1	37	NEILSEN	13120805	9	May 14, 2017	0.68	0.68	0.68	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 14, 2017	0.82	0.82	0.82	100.0%
19050501	373	432	CHILLY	13121105	9	May 14, 2017	0.58	0.58	0.58	100.0%
19050501	310	115	CHILLY	13121105	9	May 14, 2017	1.90	1.90	1.90	100.0%
19050501	364	690	CHILLY	13121105	9	May 14, 2017	1.00	1.00	1.00	100.0%
19050501	364	629	CHILLY	13121105	9	May 14, 2017	0.40	0.40	0.40	100.0%
19050501	129	1063	CHILLY	13121105	9	May 14, 2017	0.80	0.80	0.80	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 14, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 13, 2017	2.58	2.58	2.58	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 14, 2017	1.08	1.08	1.08	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 14, 2017	1.30	1.30	1.30	100.0%
19080401	483	848	LONGHURST	13121505	9	May 14, 2017	2.10	2.10	2.10	100.0%
19081207	70	343	MOORE	13132050	4	May 17, 2017	0.17	0.21	0.17	100.0%
19081207	459	344	MOORE	13132050	4	May 17, 2017	0.33	0.41	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 15, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 15, 2017	5.52	5.52	5.50	99.6%
19100501	101	1210	NEILSEN	13120805	9	May 14, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 14, 2017	0.80	0.80	0.80	100.0%
19120401	483	13	LONGHURST	13121505	9	May 14, 2017	1.71	1.71	1.71	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 14, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 14, 2017	0.03	0.03	0.03	100.0%
19121014	403	813	NEILSEN	13120805	9	May 14, 2017	0.40	0.40	0.40	100.0%
19131224	373	25	CHILLY	13121105	9	May 14, 2017	1.08	1.08	1.08	100.0%
19140601	154	914	NEILSEN	13120805	9	May 14, 2017	0.80	0.80	0.80	100.0%
19160501	129	633	CHILLY	13121105	9	May 14, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 15, 2017	1.36	1.36	1.36	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 15, 2017	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	May 17, 2017	0.79	1.41	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	May 17, 2017	0.01	0.02	0.01	100.0%
19240806	417	695	MOORE	13132050	4	May 17, 2017	0.50	0.63	0.50	100.0%
19740402	150	220	MUNSEY	13132375	2	May 17, 2017	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 17, 2017	4.40	7.84	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 17, 2017	8.34	14.86	8.34	100.0%
19950203	476	1272	3IN1	13130605	4	May 17, 2017	30.00	37.70	30.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 17, 2017	10.30	12.95	10.30	100.0%
19950411	476	1273	BURNETT	13127750	5	May 16, 2017	18.78	22.48	18.78	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 14, 2017	5.92	5.92	5.92	100.0%
19950411	476	1273	CHILLY	13121105	9	May 14, 2017	18.79	18.79	18.79	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 15, 2017	10000.00	10000.00	1282.68	12.8%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 14	2080.0	4.8		2084.8	0.00	2084.8	4.8	0.0		2080.0	0.0	
9	Howell to Chilly	May 15	1598.0	144.0		-338.0	0.16	1746.8	127.7	16.3		1614.3	-16.3	
8	Chilly to Reservoir ***Disconnected***	* May 16	1400.2	65.9		-131.9	0.08	1614.8	65.0	0.9		1417.4	-17.2	
7	Mackay Reservoir	* May 16	1111.0	0.0		1400.2	0.00	1486.4	1212.6			273.8		
6	Reservoir to 2B	May 16	1100.0	11.0		0.0	0.00	1477.7	8.7	2.3		265.1	834.9	
5	2B to Leslie	May 17	857.0	129.0		-114.0	0.10	1372.1	78.1	50.9		159.5	697.5	
4	Leslie to Eastside In	May 18	754.6	188.6		86.2	0.00	1261.0	111.1	77.5		48.4	706.2	
2a	Eastside In To Weirs	* May 18	633.8	5.8	0.0	-115.0	0.15	1246.8	6.8	-1.0		34.2	599.6	0.0
2b	Weirs To Eastside Out	* May 18	513.0	14.1	0.0	-106.7	0.17	1229.4	11.6	2.5		16.9	496.1	0.0
2c	Eastside Out To Blw Muns	* May 18	426.1	86.9	0.0	0.0	0.00	1212.6	16.9	70.0	0.0	0.0	426.1	0.0
1	Blw Munsey to Arco	May 18	352.0	0.0		-74.1	0.17	1206.7	0.0	0.0		0.0	426.1	
3	River blw Moore Div	May 18	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
* - Indicates flow estimated, not measured							TOTAL		1643.2	219.4	0.0			

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 14	0.0		20090101	12%	1	18800630	3.2	556.5	101.6	
9	Howell to Chilly	May 15	-338.0		20090101	12%	2	18810630	1.7	294.0	54.0	
8	Chilly to Reservoir ***Disconnected***	May 16	-131.9		20090101	12%	3	18880601	3.2	556.5	101.6	
7	Mackay Reservoir	May 16	0.0		20090101	12%	4	18960601	6.4	1113.0	203.1	
6	Reservoir to 2B	May 16	0.0	0.0	20090101	12%	5	19020301	0.8	140.0	25.4	
5	2B to Leslie	May 17	-27.5	-86.5	20090101	12%	6	19051002	Unlimited	20646.0	20646.0	
4	Leslie to Eastside In	May 18	0.0	0.0	20090101	12%	7	19160207	Unlimited	17205.0	17205.0	
2a	Eastside In To Weirs	May 18	-7.4	-107.6	0.0	20090101	12%	8	19590902	Unlimited	6000.0	6000.0
2b	Weirs To Eastside Out	May 18	-5.8	-100.9	0.0	20090101	12%	9	Add Vol	Unlimited	200000.0	61567.9
2c	Eastside Out To Blw Muns	May 18	0.0	0.0	0.0	20090101	12%	10	Rotation	Unlimited	50000.0	0.0
1	Blw Munsey to Arco	May 18	0.0	-426.1	0.0	20090101	12%		TOTAL		296511.0	105904.4
3	River blw Moore Div	May 18	0.0	0.0	20090101	12%						
TOTAL			-510.5	-720.3	0.0							

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
23980.0	24540.0		560.0	282.3	6.9	233.2	203.1	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	37204.4
Total Storage Loss	-24191.2
Total Storage Deliver	-4731.0
Total Evaporation	-222.7
Accounting Balance	<u>24539.5</u>
Current Res Content	24540.0
Storage Balance Error	-0.5

DAILY STORAGE BALANCE

23980.0 Reservoir Content Previous Day [ac-ft]
24540.0 Reservoir Content Current Day [ac-ft]
560.0 Physical Change in Storage [ac-ft]

2405.2 Storage Allocated to Mackay Reservoir [ac-ft]
-1428.7 Stored Flow Losses [ac-ft]
-86.5 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-633.8 Eastside [cfs]
0.0 River blw Moore [cfs]
-402.8 Storage Delivered [ac-ft]
2.3 Reservoir to 2B [cfs]
50.9 2B to Leslie [cfs]
77.5 Leslie to Moore [cfs]
72.4 Eastside to blw Munsey [cfs]
-13.6 Evaporation [ac-ft]
560.1 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1486.4 Natural Flow into Mackay Reservoir [cfs]

1212.6 Reservoir Rights Diverted [cfs]
34.6 Natural Flow Losses below Reservoir [cfs]
-27.5 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-7.1 Eastside as River [cfs]
239.2 Natural Flow Delivered [cfs]
8.7 Reservoir to 2B [cfs]
78.1 2B to Leslie [cfs]
111.1 Leslie to Moore [cfs]
41.3 Eastside to blw Munsey [cfs]
1486.4 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details										
	Inflow			Outflow				Calculations		
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	Flow Out
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	754.6			5.8	-1.0	316.9	316.9	-115.0	15.2%	633.8
Natural Flow	48.4			6.8	-1.2			-7.4		34.2
Stored Flow	706.2			-1.0	0.2			-107.6		599.6
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details										
	Inflow			Outflow			Calculations			
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss	
Gage #	13132159	13132292		13132291		13132350				
Actual Flow	316.9	316.9		14.1	-5.9	513.0	-106.7	16.8%	-214.8	
Natural Flow				11.6	-4.8	16.9	-5.8		-7.1	
Stored Flow				2.5	-1.1	496.1	-100.9		-207.7	
Exchange Flow			0.0			0.0	0.0			

End of Reach Details				
	-- Inflow --		----- Outflow -----	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350			13132390
Actual Flow	513.0	86.9	426.1	
Natural Flow	16.9	16.9	0.0	
Stored Flow	496.1	70.0	426.1	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations					
	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060			13132350
Actual Flow	26.8	727.8	17.0	616.8	513.0
Natural Flow	24.5	23.9	13.9	20.3	16.9
Stored Flow	2.4	703.8	3.0	596.6	496.1
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	11.0	2.3	49.9
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	7.0	0.1	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	24.0	6.8	126.4
9 BITTON	0.0	0.0	0.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	4.0	4.0	98.2	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	17.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	81.3	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	56.0	17.2	751.1
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	767.8
9 NEILSEN	36.0	8.3	143.3	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	0.0	0.0	11.9	5 SUTTER	6.0	2.7	43.2
9 CHILLY	68.0	0.0	214.2	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	32.0	26.7	432.7
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	0.0	0.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	4.8	4 3IN1	36.6	4.7	185.5
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	120.0	46.1	1367.1
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	25.4	2 EASTSIDE FHDiv	26.8	2.4	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	38.8	496.1	11335.1
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.2	0.0	0.0	2 MUNSEY	48.1	496.1	11335.1
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	1.0	0.0	20.7	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 15, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	May 15, 2017	4.36	4.36	4.36	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 16, 2017	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 16, 2017	0.59	0.59	0.59	100.0%
18800601	93	723	ARCO	13132365	2	May 18, 2017	0.04	0.06	0.04	100.0%
18800601	370	530	ARCO	13132365	2	May 18, 2017	0.15	0.24	0.15	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 16, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 16, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 16, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 16, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 16, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 15, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 16, 2017	3.00	3.00	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	May 18, 2017	1.52	1.70	1.52	100.0%
18830601	645	464	MOORE	13132050	4	May 18, 2017	0.11	0.12	0.11	100.0%
18830601	2331	465	MOORE	13132050	4	May 18, 2017	0.79	0.88	0.79	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 18, 2017	0.43	0.48	0.43	100.0%
18830810	263	393	MOORE	13132050	4	May 18, 2017	0.18	0.20	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	May 18, 2017	0.18	0.20	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	May 18, 2017	1.50	1.67	1.50	100.0%
18830810	96	449	MOORE	13132050	4	May 18, 2017	0.48	0.54	0.48	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 17, 2017	0.68	0.76	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 18, 2017	1.64	1.83	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	May 18, 2017	0.14	0.16	0.14	100.0%
18840422	585	951	SWAUGER	13127600	5	May 17, 2017	0.18	0.20	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 17, 2017	0.07	0.08	0.07	100.0%
18840422	201	83	SWAUGER	13127600	5	May 17, 2017	1.12	1.25	1.12	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 17, 2017	0.96	1.07	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 17, 2017	0.20	0.22	0.20	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 17, 2017	2.17	2.42	2.17	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 17, 2017	1.44	1.61	1.44	100.0%
18840422	336	1390	BURNETT	13127750	5	May 17, 2017	0.50	0.56	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	May 17, 2017	1.92	2.14	1.92	100.0%
18840422	544	1067	SHARP	13126500	6	May 16, 2017	1.00	1.00	1.00	100.0%
18840422	347	938	SHARP	13126500	6	May 16, 2017	2.95	2.95	2.95	100.0%
18840422	390	406	SHARP	13126500	6	May 16, 2017	0.09	0.09	0.09	100.0%
18840422	632	1539	SHARP	13126500	6	May 16, 2017	0.10	0.10	0.10	100.0%
18840422	24	120	SHARP	13126500	6	May 16, 2017	0.08	0.08	0.08	100.0%
18840422	2525	407	SHARP	13126500	6	May 16, 2017	0.06	0.06	0.06	100.0%
18840422	397	10	SHARP	13126500	6	May 16, 2017	0.10	0.10	0.10	100.0%
18840422	103	1289	SHARP	13126500	6	May 16, 2017	0.58	0.58	0.58	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 16, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 16, 2017	0.22	0.22	0.22	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 18, 2017	0.16	0.18	0.16	100.0%
18840520	187	1441	Lower Eastside &	13132291	2	May 18, 2017	0.01	0.01	0.01	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 18, 2017	0.18	0.20	0.18	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 18, 2017	1.15	1.28	1.15	100.0%
18840520	85	1584	MOORE	13132050	4	May 18, 2017	0.22	0.25	0.22	100.0%
18840520	2335	265	MOORE	13132050	4	May 18, 2017	0.88	0.98	0.88	100.0%
18840520	427	1	MOORE	13132050	4	May 18, 2017	1.06	1.18	1.06	100.0%
18840520	66	266	MOORE	13132050	4	May 18, 2017	0.02	0.02	0.02	100.0%
18840520	219	547	MOORE	13132050	4	May 18, 2017	1.15	1.28	1.15	100.0%
18840520	340	816	MOORE	13132050	4	May 18, 2017	0.36	0.40	0.36	100.0%
18840520	433	271	MOORE	13132050	4	May 18, 2017	0.54	0.60	0.54	100.0%
18840520	2332	752	MOORE	13132050	4	May 18, 2017	0.36	0.40	0.36	100.0%
18840520	263	394	MOORE	13132050	4	May 18, 2017	0.22	0.25	0.22	100.0%
18840520	96	451	MOORE	13132050	4	May 18, 2017	0.58	0.65	0.58	100.0%
18840520	2333	657	MOORE	13132050	4	May 18, 2017	1.02	1.14	1.02	100.0%
18840520	645	462	MOORE	13132050	4	May 18, 2017	0.32	0.36	0.32	100.0%

18840520	2332	753	MOORE	13132050	4	May 18, 2017	0.42	0.47	0.42	100.0%
18840520	2331	471	MOORE	13132050	4	May 18, 2017	2.14	2.39	2.14	100.0%
18840520	2331	463	MOORE	13132050	4	May 18, 2017	2.24	2.50	2.24	100.0%
18840601	263	395	MOORE	13132050	4	May 18, 2017	0.08	0.09	0.08	100.0%
18840601	85	1585	MOORE	13132050	4	May 18, 2017	0.08	0.09	0.08	100.0%
18840601	96	453	MOORE	13132050	4	May 18, 2017	0.21	0.23	0.21	100.0%
18840601	85	1544	MOORE	13132050	4	May 18, 2017	0.09	0.10	0.09	100.0%
18840601	15	131	MOORE	13132050	4	May 18, 2017	0.37	0.41	0.37	100.0%
18840601	85	1545	MOORE	13132050	4	May 18, 2017	0.54	0.60	0.54	100.0%
18840601	151	1042	BURNETT	13127750	5	May 17, 2017	0.23	0.26	0.23	100.0%
18840601	138	441	BURNETT	13127750	5	May 17, 2017	0.04	0.04	0.04	100.0%
18840601	297	712	BURNETT	13127750	5	May 17, 2017	0.80	0.89	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 16, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 15, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 15, 2017	0.40	0.40	0.40	100.0%
18840715	15	799	MOORE	13132050	4	May 18, 2017	0.80	0.89	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	May 18, 2017	0.80	0.89	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 18, 2017	1.20	1.34	1.20	100.0%
18840715	133	324	MOORE	13132050	4	May 18, 2017	0.76	0.85	0.76	100.0%
18840715	115	323	MOORE	13132050	4	May 18, 2017	0.76	0.85	0.76	100.0%
18840731	44	1131	MOORE	13132050	4	May 18, 2017	0.80	0.89	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	May 18, 2017	0.80	0.89	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 18, 2017	0.20	0.22	0.20	100.0%
18840831	180	276	Upper Eastside &	13132101	2	May 18, 2017	1.31	1.46	1.31	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 18, 2017	0.27	0.30	0.27	100.0%
18840901	441	1107	MOORE	13132050	4	May 18, 2017	3.20	3.57	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 16, 2017	1.74	1.74	1.74	100.0%
18841012	205	557	BECK	13130525	4	May 18, 2017	1.76	1.96	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	May 18, 2017	1.25	1.39	1.25	100.0%
18841012	70	341	MOORE	13132050	4	May 18, 2017	0.31	0.35	0.31	100.0%
18841012	524	11	SWAUGER	13127600	5	May 17, 2017	2.78	3.10	2.78	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 17, 2017	0.80	0.89	0.80	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 17, 2017	2.77	3.09	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	May 17, 2017	0.74	0.83	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 17, 2017	3.30	3.68	3.30	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 17, 2017	0.81	0.90	0.81	100.0%
18841012	347	1141	SHARP	13126500	6	May 16, 2017	0.78	0.78	0.78	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 17, 2017	0.79	0.88	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 17, 2017	2.00	2.23	2.00	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 17, 2017	1.10	1.23	1.10	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 17, 2017	1.65	1.84	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 17, 2017	0.61	0.68	0.61	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	May 18, 2017	2.00	2.23	2.00	100.0%
18850501	468	59	ARCO	13132365	2	May 18, 2017	0.74	1.17	0.74	100.0%
18850501	426	887	ARCO	13132365	2	May 18, 2017	0.64	1.01	0.64	100.0%
18850501	255	401	NEILSEN	13120805	9	May 15, 2017	0.50	0.50	0.50	100.0%
18850530	282	1190	SUTTER	13128105	5	May 17, 2017	0.20	0.22	0.20	100.0%
18850531	63	1354	MOORE	13132050	4	May 18, 2017	1.46	1.63	1.46	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 17, 2017	3.20	3.57	3.20	100.0%
18850601	205	554	BECK	13130525	4	May 18, 2017	0.59	0.66	0.59	100.0%
18850601	15	859	MOORE	13132050	4	May 18, 2017	0.50	0.56	0.50	100.0%
18850601	212	315	DARLINGTON	13127735	5	May 17, 2017	0.94	1.05	0.94	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 17, 2017	2.60	2.90	1.94	74.6%
18850601	525	1464	BURNETT	13127750	5	May 17, 2017	1.54	1.72	1.54	100.0%
18850601	405	1182	SHARP	13126500	6	May 16, 2017	0.04	0.04	0.04	100.0%
18850601	544	1184	SHARP	13126500	6	May 16, 2017	0.58	0.58	0.58	100.0%
18850601	280	1183	SHARP	13126500	6	May 16, 2017	1.08	1.08	1.08	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 15, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 17, 2017	3.08	3.44	3.08	100.0%
18851002	468	61	ARCO	13132365	2	May 18, 2017	2.50	3.96	2.50	100.0%
18851002	93	726	ARCO	13132365	2	May 18, 2017	0.50	0.79	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	May 18, 2017	1.16	1.84	1.16	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 16, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 18, 2017	7.00	7.81	7.00	100.0%

18860501	305	927	3IN1	13130605	4	May 18, 2017	0.86	0.96	0.86	100.0%
18860501	417	1050	MOORE	13132050	4	May 18, 2017	2.80	3.12	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 18, 2017	1.20	1.34	1.20	100.0%
18860512	96	459	MOORE	13132050	4	May 18, 2017	0.48	0.54	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	May 18, 2017	0.18	0.20	0.18	100.0%
18860512	263	398	MOORE	13132050	4	May 18, 2017	0.18	0.20	0.18	100.0%
18860601	306	851	Upper Eastside &	13132101	2	May 18, 2017	1.58	1.76	1.58	100.0%
18860601	339	1010	MOORE	13132050	4	May 18, 2017	0.68	0.76	0.68	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 16, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 16, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 18, 2017	1.14	1.27	1.14	100.0%
18860721	336	294	BURNETT	13127750	5	May 17, 2017	0.80	0.89	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 17, 2017	3.00	3.35	3.00	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 16, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 17, 2017	0.50	0.56	0.50	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	May 18, 2017	0.80	0.89	0.80	100.0%
18870313	433	683	MOORE	13132050	4	May 18, 2017	0.70	0.78	0.70	100.0%
18870313	70	337	MOORE	13132050	4	May 18, 2017	0.23	0.26	0.23	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 15, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 16, 2017	3.30	3.30	3.30	100.0%
18870601	305	1351	3IN1	13130605	4	May 18, 2017	1.00	1.12	1.00	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 16, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 16, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 15, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 15, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	May 18, 2017	0.80	0.89	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 17, 2017	0.80	0.89	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 17, 2017	0.80	0.89	0.80	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 17, 2017	0.98	1.09	0.98	100.0%
18880601	347	1138	SHARP	13126500	6	May 16, 2017	1.18	1.18	1.18	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 16, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 15, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 15, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	May 14, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	May 18, 2017	0.22	0.25	0.22	100.0%
18890601	599	1552	MOORE	13132050	4	May 18, 2017	0.32	0.36	0.32	100.0%
18890601	463	1396	MOORE	13132050	4	May 18, 2017	0.20	0.22	0.20	100.0%
18890601	652	1566	MOORE	13132050	4	May 18, 2017	0.50	0.56	0.50	100.0%
18890601	441	205	MOORE	13132050	4	May 18, 2017	0.97	1.08	0.97	100.0%
18890601	336	979	BURNETT	13127750	5	May 17, 2017	0.38	0.42	0.38	100.0%
18890601	589	716	BURNETT	13127750	5	May 17, 2017	2.70	3.01	2.70	100.0%
18890601	475	969	BURNETT	13127750	5	May 17, 2017	1.20	1.34	1.20	100.0%
18900601	372	886	ARCO	13132365	2	May 18, 2017	0.59	0.93	0.59	100.0%
18900601	426	756	ARCO	13132365	2	May 18, 2017	0.57	0.90	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 16, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 16, 2017	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 15, 2017	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 15, 2017	0.24	0.24	0.24	100.0%
18910630	205	555	BECK	13130525	4	May 18, 2017	0.31	0.35	0.31	100.0%
18910630	44	1253	MOORE	13132050	4	May 18, 2017	0.48	0.54	0.48	100.0%
18910630	2332	1254	MOORE	13132050	4	May 18, 2017	0.48	0.54	0.48	100.0%
18910630	2332	1255	MOORE	13132050	4	May 18, 2017	0.26	0.29	0.26	100.0%
18910630	44	1003	MOORE	13132050	4	May 18, 2017	0.76	0.85	0.76	100.0%
18910801	307	77	CHILLY	13121105	9	May 15, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 16, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 16, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 18, 2017	0.22	0.25	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 16, 2017	0.74	0.74	0.74	100.0%
18940310	265	1223	BURNETT	13127750	5	May 17, 2017	2.80	3.12	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 17, 2017	0.44	0.49	0.44	100.0%
18940310	386	268	SUTTER	13128105	5	May 17, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 15, 2017	2.60	2.60	2.60	100.0%
18940521	463	933	MOORE	13132050	4	May 18, 2017	0.80	0.89	0.80	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 18, 2017	3.20	3.57	2.98	93.2%

18940601	417	379	MOORE	13132050	4	May 18, 2017	0.15	0.17	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 17, 2017	0.11	0.12	0.11	100.0%
18940601	390	408	SHARP	13126500	6	May 16, 2017	0.03	0.03	0.03	100.0%
18940601	307	39	CHILLY	13121105	9	May 15, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 17, 2017	1.10	1.23	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 15, 2017	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 18, 2017	0.10	0.11	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 17, 2017	1.52	1.70	1.52	100.0%
18950601	445	411	NEILSEN	13120805	9	May 15, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 15, 2017	0.18	0.18	0.18	100.0%
18950630	265	1224	BURNETT	13127750	5	May 17, 2017	2.26	2.52	2.26	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 16, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	May 18, 2017	1.47	1.64	1.47	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 18, 2017	0.70	0.78	0.70	100.0%
18960601	45	998	Lower Eastside &	13132291	2	May 18, 2017	0.36	0.40	0.36	100.0%
18960601	417	381	MOORE	13132050	4	May 18, 2017	2.40	2.68	2.40	100.0%
18960601	2334	1495	MOORE	13132050	4	May 18, 2017	2.22	2.48	2.22	100.0%
18960601	339	1118	MOORE	13132050	4	May 18, 2017	1.57	1.75	1.57	100.0%
18960601	417	992	MOORE	13132050	4	May 18, 2017	1.20	1.34	1.20	100.0%
18960601	652	1567	MOORE	13132050	4	May 18, 2017	0.60	0.67	0.60	100.0%
18960601	96	461	MOORE	13132050	4	May 18, 2017	0.73	0.81	0.73	100.0%
18960601	13	1119	MOORE	13132050	4	May 18, 2017	0.40	0.45	0.40	100.0%
18960601	15	1106	MOORE	13132050	4	May 18, 2017	1.17	1.31	1.17	100.0%
18960601	441	207	MOORE	13132050	4	May 18, 2017	1.00	1.12	1.00	100.0%
18960601	85	1522	MOORE	13132050	4	May 18, 2017	0.34	0.38	0.34	100.0%
18960601	263	397	MOORE	13132050	4	May 18, 2017	0.35	0.39	0.35	100.0%
18960601	96	457	MOORE	13132050	4	May 18, 2017	0.92	1.03	0.92	100.0%
18960601	463	128	MOORE	13132050	4	May 18, 2017	1.60	1.78	1.60	100.0%
18960601	85	1521	MOORE	13132050	4	May 18, 2017	0.23	0.26	0.23	100.0%
18960601	263	399	MOORE	13132050	4	May 18, 2017	0.27	0.30	0.27	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 16, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 18, 2017	2.00	3.17	2.00	100.0%
18960801	405	1185	SHARP	13126500	6	May 16, 2017	0.04	0.04	0.04	100.0%
18960928	150	215	MUNSEY	13132375	2	May 18, 2017	1.97	3.12	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	May 18, 2017	0.03	0.05	0.03	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 18, 2017	1.34	1.50	1.34	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 17, 2017	3.20	3.57	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 18, 2017	0.24	0.27	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 16, 2017	2.40	2.40	2.40	100.0%
18980601	483	1274	CHILLY	13121105	9	May 15, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 15, 2017	2.01	2.01	2.01	100.0%
18980901	122	821	ARCO	13132365	2	May 18, 2017	0.10	0.16	0.10	100.0%
18980901	268	562	ARCO	13132365	2	May 18, 2017	1.57	2.48	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 16, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 16, 2017	0.50	0.50	0.50	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 18, 2017	0.29	0.32	0.29	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 18, 2017	0.84	0.94	0.84	100.0%
18990327	187	18	Lower Eastside &	13132291	2	May 18, 2017	0.03	0.03	0.03	100.0%
18990327	433	272	MOORE	13132050	4	May 18, 2017	0.48	0.54	0.48	100.0%
18990327	645	466	MOORE	13132050	4	May 18, 2017	0.05	0.06	0.05	100.0%
18990327	2331	467	MOORE	13132050	4	May 18, 2017	0.57	0.64	0.57	100.0%
18990327	219	549	MOORE	13132050	4	May 18, 2017	0.15	0.17	0.15	100.0%
18990518	151	1044	BURNETT	13127750	5	May 17, 2017	0.15	0.17	0.15	100.0%
18990518	138	443	BURNETT	13127750	5	May 17, 2017	0.02	0.02	0.02	100.0%
18990601	201	705	SWAUGER	13127600	5	May 17, 2017	0.28	0.31	0.28	100.0%
18990601	490	981	BURNETT	13127750	5	May 17, 2017	0.80	0.89	0.80	100.0%
18990601	307	72	NEILSEN	13120805	9	May 15, 2017	2.74	2.74	2.74	100.0%
19000601	386	270	SUTTER	13128105	5	May 17, 2017	0.08	0.09	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 15, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 16, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 16, 2017	3.20	3.20	3.20	100.0%
19010901	433	685	MOORE	13132050	4	May 18, 2017	0.45	0.50	0.45	100.0%
19010901	70	339	MOORE	13132050	4	May 18, 2017	0.12	0.13	0.12	100.0%
19010901	138	439	BURNETT	13127750	5	May 17, 2017	0.02	0.02	0.02	100.0%

19010901	151	1039	BURNETT	13127750	5	May 17, 2017	0.04	0.04	0.04	100.0%
19011001	96	455	MOORE	13132050	4	May 18, 2017	0.28	0.31	0.28	100.0%
19011001	263	396	MOORE	13132050	4	May 18, 2017	0.10	0.11	0.10	100.0%
19011102	426	1159	ARCO	13132365	2	May 18, 2017	1.32	2.09	1.32	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 15, 2017	2.60	2.60	2.60	100.0%
19020301	15	1121	MOORE	13132050	4	May 18, 2017	0.09	0.10	0.09	100.0%
19020301	15	81	MOORE	13132050	4	May 18, 2017	0.76	0.84	0.76	100.0%
19020301	13	1122	MOORE	13132050	4	May 18, 2017	0.31	0.34	0.31	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 16, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 15, 2017	0.86	0.86	0.86	100.0%
19020301	609	1492	CHILLY	13121105	9	May 15, 2017	3.40	3.40	3.40	100.0%
19020301	307	676	CHILLY	13121105	9	May 15, 2017	3.85	3.85	3.85	100.0%
19020301	310	836	CHILLY	13121105	9	May 15, 2017	0.80	0.80	0.80	100.0%
19020301	307	834	CHILLY	13121105	9	May 15, 2017	2.40	2.40	2.40	100.0%
19020301	483	1500	CHILLY	13121105	9	May 15, 2017	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 15, 2017	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	May 15, 2017	1.60	1.60	1.60	100.0%
19020304	129	1062	CHILLY	13121105	9	May 15, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 15, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 15, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 18, 2017	1.82	2.03	1.82	100.0%
19020501	310	631	CHILLY	13121105	9	May 15, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 14, 2017	0.62	0.62	0.62	100.0%
19020601	339	1015	MOORE	13132050	4	May 18, 2017	0.66	0.74	0.66	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 16, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 15, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 15, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 16, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 16, 2017	1.60	1.60	1.60	100.0%
19040526	386	269	SUTTER	13128105	5	May 17, 2017	0.08	0.09	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 17, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	May 15, 2017	1.40	1.40	1.40	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 16, 2017	0.40	0.40	0.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 16, 2017	0.13	0.13	0.13	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 15, 2017	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 15, 2017	0.62	0.62	0.62	100.0%
19050501	255	402	NEILSEN	13120805	9	May 15, 2017	0.50	0.50	0.50	100.0%
19050501	403	811	NEILSEN	13120805	9	May 15, 2017	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 15, 2017	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 15, 2017	0.82	0.82	0.82	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 15, 2017	0.40	0.40	0.40	100.0%
19050501	1	37	NEILSEN	13120805	9	May 15, 2017	0.68	0.68	0.68	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 15, 2017	0.65	0.65	0.65	100.0%
19050501	154	812	NEILSEN	13120805	9	May 15, 2017	0.10	0.10	0.10	100.0%
19050501	373	432	CHILLY	13121105	9	May 15, 2017	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	May 15, 2017	0.40	0.40	0.40	100.0%
19050501	129	1063	CHILLY	13121105	9	May 15, 2017	0.80	0.80	0.80	100.0%
19050501	310	115	CHILLY	13121105	9	May 15, 2017	1.90	1.90	1.90	100.0%
19050501	364	690	CHILLY	13121105	9	May 15, 2017	1.00	1.00	1.00	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 15, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 14, 2017	2.58	2.58	2.58	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 15, 2017	1.08	1.08	1.08	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 15, 2017	1.30	1.30	1.30	100.0%
19080401	483	848	LONGHURST	13121505	9	May 15, 2017	2.10	2.10	2.10	100.0%
19081207	70	343	MOORE	13132050	4	May 18, 2017	0.17	0.19	0.17	100.0%
19100501	131	69	Donahue 1	13122230	8	May 16, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 16, 2017	5.50	5.50	5.50	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 15, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 15, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 16, 2017	1.20	1.20	1.20	100.0%
19120401	483	13	LONGHURST	13121505	9	May 15, 2017	1.71	1.71	1.71	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 15, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 15, 2017	0.03	0.03	0.03	100.0%
19121014	403	813	NEILSEN	13120805	9	May 15, 2017	0.40	0.40	0.40	100.0%

19131224	373	25	CHILLY	13121105	9	May 15, 2017	1.08	1.08	1.08	100.0%
19140601	154	914	NEILSEN	13120805	9	May 15, 2017	0.80	0.80	0.80	100.0%
19160501	129	633	CHILLY	13121105	9	May 15, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 16, 2017	1.36	1.36	1.36	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 16, 2017	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	May 18, 2017	0.34	0.54	0.34	100.0%
19240806	417	695	MOORE	13132050	4	May 18, 2017	0.50	0.56	0.50	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 18, 2017	0.48	0.76	0.48	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 18, 2017	2.16	3.42	2.16	100.0%
19950203	476	1272	3IN1	13130605	4	May 18, 2017	30.00	33.47	30.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 18, 2017	10.30	11.49	10.30	100.0%
19950411	476	1273	BURNETT	13127750	5	May 17, 2017	15.48	17.27	15.48	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 15, 2017	5.92	5.92	5.92	100.0%
19950411	476	1273	CHILLY	13121105	9	May 15, 2017	18.79	18.79	18.79	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 16, 2017	10000.00	10000.00	1197.28	12.0%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 15	1680.0	4.8		1684.8	0.00	1684.8	4.8	0.0		1680.0	0.0	
9	Howell to Chilly	May 16	4.5	136.9		-1538.6	0.92	146.2	100.5	36.5		41.0	-36.5	
8	Chilly to Reservoir	* May 17	1261.6	65.9		1323.0	0.00	1469.2	65.0	0.9		1299.0	-37.4	
	Disconnected													
7	Mackay Reservoir	* May 17	1051.0	0.0		1261.6	0.00	1310.5	1053.8			256.7		
6	Reservoir to 2B	May 17	1040.0	11.0		0.0	0.00	1300.1	10.4	0.6		246.3	793.7	
5	2B to Leslie	May 18	856.0	129.0		-55.0	0.05	1208.9	78.1	50.9		155.1	700.9	
4	Leslie to Eastside In	May 19	752.3	152.6		48.9	0.00	1105.2	103.8	48.8		51.3	701.0	
2a	Eastside In To Weirs	* May 19	631.2	3.8	0.0	-117.3	0.16	1092.7	4.5	-0.7		38.8	592.4	0.0
2b	Weirs To Eastside Out	* May 19	510.3	13.1	0.0	-107.8	0.17	1075.0	11.0	2.1		21.2	489.1	0.0
2c	Eastside Out To Blw Muns	* May 19	447.0	63.3	0.0	0.0	0.00	1053.8	21.2	42.1	0.0	0.0	447.0	0.0
1	Blw Munsey to Arco	May 19	350.0	0.0		-97.0	0.22	1048.9	0.0	0.0		0.0	447.0	
3	River blw Moore Div	May 19	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
							TOTAL		1453.1	181.2	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 15	0.0		20090101	10%	1	18800630	3.2	556.5	107.9	
9	Howell to Chilly	May 16	-1538.6		20090101	10%	2	18810630	1.7	294.0	57.3	
8	Chilly to Reservoir	May 17	0.0		20090101	10%	3	18880601	3.2	556.5	107.9	
	Disconnected						4	18960601	6.4	1113.0	215.8	
7	Mackay Reservoir	May 17	0.0		20090101	10%	5	19020301	0.8	140.0	27.0	
6	Reservoir to 2B	May 17	0.0	0.0	20090101	10%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 18	-13.0	-41.9	20090101	10%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 19	0.0	0.0	20090101	10%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 19	-8.0	-109.3	0.0	20090101	10%	9	Add Vol	Unlimited	200000.0	63627.8
2b	Weirs To Eastside Out	May 19	-6.6	-101.2	0.0	20090101	10%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 19	0.0	0.0	0.0	20090101	10%					
1	Blw Munsey to Arco	May 19	0.0	-447.0	0.0	20090101	10%					
3	River blw Moore Div	May 19	0.0	0.0	20090101	10%						
TOTAL			-1566.2	-698.6	0.0					296511.0	107994.7	

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
24540.0	24950.0		410.0	206.7	3.9	229.1	144.5	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	39294.7
Total Storage Loss	-25576.9
Total Storage Deliver	-5017.9
Total Evaporation	-230.5
Accounting Balance	24949.5
Current Res Content	24950.0
Storage Balance Error	-0.5

DAILY STORAGE BALANCE

24540.0 Reservoir Content Previous Day [ac-ft]
24950.0 Reservoir Content Current Day [ac-ft]
410.0 Physical Change in Storage [ac-ft]

2090.3 Storage Allocated to Mackay Reservoir [ac-ft]
-1385.7 Stored Flow Losses [ac-ft]
-41.9 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-656.7 Eastside [cfs]
0.0 River blw Moore [cfs]
-286.8 Storage Delivered [ac-ft]
0.6 Reservoir to 2B [cfs]
50.9 2B to Leslie [cfs]
48.8 Leslie to Moore [cfs]
44.3 Eastside to blw Munsey [cfs]
-7.8 Evaporation [ac-ft]
410.0 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1310.5 Natural Flow into Mackay Reservoir [cfs]

1053.8 Reservoir Rights Diverted [cfs]
22.1 Natural Flow Losses below Reservoir [cfs]
-13.0 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-9.1 Eastside as River [cfs]
234.6 Natural Flow Delivered [cfs]
10.4 Reservoir to 2B [cfs]
78.1 2B to Leslie [cfs]
103.8 Leslie to Moore [cfs]
42.3 Eastside to blw Munsey [cfs]
1310.5 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	752.3			3.8	-0.7	315.6	315.6	-117.3	15.6%	631.2
Natural Flow	51.3			4.5	-0.8			-8.0		38.8
Stored Flow	701.0			-0.7	0.1			-109.3		592.4
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	315.6	315.6		13.1	-5.6	510.3	-107.8	17.1%	-218.8
Natural Flow				11.0	-4.7	21.2	-6.6		-9.1
Stored Flow				2.1	-0.9	489.1	-101.2		-209.7
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	510.3	63.3	447.0	
Natural Flow	21.2	21.2	0.0	
Stored Flow	489.1	42.1	447.0	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	23.2	729.1	15.8	615.4	510.3
Natural Flow	21.1	30.2	13.3	25.5	21.2
Stored Flow	2.1	698.8	2.5	589.9	489.1
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	11.0	0.6	51.0
9 KENT	5.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	24.0	6.8	139.9
9 BITTON	0.0	5.0	9.9	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	4.0	4.0	106.1	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	17.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	89.3	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	56.0	17.2	785.1
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	815.8
9 NEILSEN	31.0	0.9	145.0	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	0.0	0.0	11.9	5 SUTTER	6.0	2.7	48.5
9 CHILLY	61.0	0.0	214.2	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	0.0	0.0	432.7
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	22.6	44.8	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	4.8	4 3IN1	36.6	4.7	194.9
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	116.0	44.1	1454.5
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	27.2	2 EASTSIDE FHDiv	23.2	2.1	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	38.2	489.1	12305.3
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.2	0.0	0.0	2 MUNSEY	25.1	489.1	12305.3
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	1.0	0.0	20.7	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 16, 2017	5.20	5.20	5.20	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 17, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 17, 2017	0.01	0.01	0.01	100.0%
18800601	93	723	ARCO	13132365	2	May 19, 2017	0.04	0.06	0.04	100.0%
18800601	370	530	ARCO	13132365	2	May 19, 2017	0.15	0.23	0.15	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 17, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 17, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 17, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 17, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 17, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 16, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 17, 2017	3.00	3.00	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	May 19, 2017	1.52	1.60	1.52	100.0%
18830601	645	464	MOORE	13132050	4	May 19, 2017	0.11	0.12	0.11	100.0%
18830601	2331	465	MOORE	13132050	4	May 19, 2017	0.79	0.83	0.79	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 19, 2017	0.43	0.45	0.43	100.0%
18830810	85	1583	MOORE	13132050	4	May 19, 2017	0.18	0.19	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	May 19, 2017	1.50	1.58	1.50	100.0%
18830810	263	393	MOORE	13132050	4	May 19, 2017	0.18	0.19	0.18	100.0%
18830810	96	449	MOORE	13132050	4	May 19, 2017	0.48	0.51	0.48	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 18, 2017	0.68	0.72	0.68	100.0%
18840422	433	1427	MOORE	13132050	4	May 19, 2017	0.14	0.15	0.14	100.0%
18840422	201	83	SWAUGER	13127600	5	May 18, 2017	1.12	1.18	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 18, 2017	0.07	0.07	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	May 18, 2017	0.18	0.19	0.18	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 18, 2017	1.44	1.52	1.44	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 18, 2017	0.96	1.01	0.96	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 18, 2017	2.17	2.29	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 18, 2017	0.20	0.21	0.20	100.0%
18840422	525	1465	BURNETT	13127750	5	May 18, 2017	1.92	2.03	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	May 18, 2017	0.50	0.53	0.50	100.0%
18840422	2525	407	SHARP	13126500	6	May 17, 2017	0.06	0.06	0.06	100.0%
18840422	632	1539	SHARP	13126500	6	May 17, 2017	0.10	0.10	0.10	100.0%
18840422	103	1289	SHARP	13126500	6	May 17, 2017	0.58	0.58	0.58	100.0%
18840422	544	1067	SHARP	13126500	6	May 17, 2017	1.00	1.00	1.00	100.0%
18840422	390	406	SHARP	13126500	6	May 17, 2017	0.09	0.09	0.09	100.0%
18840422	24	120	SHARP	13126500	6	May 17, 2017	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	May 17, 2017	4.00	4.00	4.00	100.0%
18840422	397	10	SHARP	13126500	6	May 17, 2017	0.10	0.10	0.10	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 17, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 17, 2017	0.22	0.22	0.22	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 19, 2017	0.18	0.19	0.18	100.0%
18840520	187	1441	Lower Eastside &	13132291	2	May 19, 2017	0.01	0.01	0.01	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 19, 2017	1.15	1.21	1.15	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 19, 2017	0.16	0.17	0.16	100.0%
18840520	2332	752	MOORE	13132050	4	May 19, 2017	0.36	0.38	0.36	100.0%
18840520	2332	753	MOORE	13132050	4	May 19, 2017	0.42	0.44	0.42	100.0%
18840520	96	451	MOORE	13132050	4	May 19, 2017	0.58	0.61	0.58	100.0%
18840520	433	271	MOORE	13132050	4	May 19, 2017	0.54	0.57	0.54	100.0%
18840520	2331	463	MOORE	13132050	4	May 19, 2017	2.24	2.36	2.24	100.0%
18840520	2333	657	MOORE	13132050	4	May 19, 2017	1.02	1.08	1.02	100.0%
18840520	2335	265	MOORE	13132050	4	May 19, 2017	0.88	0.93	0.88	100.0%
18840520	645	462	MOORE	13132050	4	May 19, 2017	0.32	0.34	0.32	100.0%
18840520	85	1584	MOORE	13132050	4	May 19, 2017	0.22	0.23	0.22	100.0%
18840520	2331	471	MOORE	13132050	4	May 19, 2017	2.14	2.26	2.14	100.0%
18840520	66	266	MOORE	13132050	4	May 19, 2017	0.02	0.02	0.02	100.0%
18840520	427	1	MOORE	13132050	4	May 19, 2017	1.06	1.12	1.06	100.0%
18840520	340	816	MOORE	13132050	4	May 19, 2017	0.36	0.38	0.36	100.0%
18840520	219	547	MOORE	13132050	4	May 19, 2017	1.15	1.21	1.15	100.0%

18840520	263	394	MOORE	13132050	4	May 19, 2017	0.22	0.23	0.22	100.0%
18840601	85	1585	MOORE	13132050	4	May 19, 2017	0.08	0.08	0.08	100.0%
18840601	96	453	MOORE	13132050	4	May 19, 2017	0.21	0.22	0.21	100.0%
18840601	85	1544	MOORE	13132050	4	May 19, 2017	0.09	0.10	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	May 19, 2017	0.54	0.57	0.54	100.0%
18840601	15	131	MOORE	13132050	4	May 19, 2017	0.37	0.39	0.37	100.0%
18840601	263	395	MOORE	13132050	4	May 19, 2017	0.08	0.08	0.08	100.0%
18840601	151	1042	BURNETT	13127750	5	May 18, 2017	0.23	0.24	0.23	100.0%
18840601	297	712	BURNETT	13127750	5	May 18, 2017	0.80	0.84	0.80	100.0%
18840601	138	441	BURNETT	13127750	5	May 18, 2017	0.04	0.04	0.04	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 17, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 16, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 16, 2017	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	May 19, 2017	1.20	1.27	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	May 19, 2017	0.80	0.84	0.80	100.0%
18840715	15	799	MOORE	13132050	4	May 19, 2017	0.80	0.84	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 19, 2017	0.76	0.80	0.76	100.0%
18840715	115	323	MOORE	13132050	4	May 19, 2017	0.76	0.80	0.76	100.0%
18840731	44	1132	MOORE	13132050	4	May 19, 2017	0.80	0.84	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	May 19, 2017	0.80	0.84	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 19, 2017	0.20	0.21	0.20	100.0%
18840831	180	276	Upper Eastside &	13132101	2	May 19, 2017	1.31	1.38	1.31	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 19, 2017	0.21	0.22	0.21	100.0%
18840901	441	1107	MOORE	13132050	4	May 19, 2017	3.20	3.38	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 17, 2017	1.74	1.74	1.74	100.0%
18841012	433	1081	MOORE	13132050	4	May 19, 2017	1.25	1.32	1.25	100.0%
18841012	70	341	MOORE	13132050	4	May 19, 2017	0.31	0.33	0.31	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 18, 2017	2.77	2.92	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 18, 2017	0.81	0.86	0.81	100.0%
18841012	524	11	SWAUGER	13127600	5	May 18, 2017	2.78	2.94	2.78	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 18, 2017	0.80	0.84	0.80	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 18, 2017	3.30	3.48	3.30	100.0%
18841012	317	385	SWAUGER	13127600	5	May 18, 2017	0.74	0.78	0.74	100.0%
18841012	347	1141	SHARP	13126500	6	May 17, 2017	1.06	1.06	1.06	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 18, 2017	1.10	1.16	1.10	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 18, 2017	0.61	0.64	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 18, 2017	1.65	1.74	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 18, 2017	0.79	0.83	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 18, 2017	2.00	2.11	2.00	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	May 19, 2017	2.00	2.11	2.00	100.0%
18850501	468	59	ARCO	13132365	2	May 19, 2017	0.74	1.12	0.74	100.0%
18850501	426	887	ARCO	13132365	2	May 19, 2017	0.64	0.97	0.64	100.0%
18850501	255	401	NEILSEN	13120805	9	May 16, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 16, 2017	2.80	2.80	2.80	100.0%
18850530	282	1190	SUTTER	13128105	5	May 18, 2017	0.20	0.21	0.20	100.0%
18850531	63	1354	MOORE	13132050	4	May 19, 2017	1.46	1.54	1.46	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 18, 2017	3.20	3.38	3.20	100.0%
18850601	15	859	MOORE	13132050	4	May 19, 2017	0.50	0.53	0.50	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 18, 2017	2.60	2.75	2.60	100.0%
18850601	212	315	DARLINGTON	13127735	5	May 18, 2017	0.94	0.99	0.28	29.8%
18850601	525	1464	BURNETT	13127750	5	May 18, 2017	1.54	1.63	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	May 17, 2017	0.58	0.58	0.58	100.0%
18850601	405	1182	SHARP	13126500	6	May 17, 2017	0.04	0.04	0.04	100.0%
18850601	280	1183	SHARP	13126500	6	May 17, 2017	1.08	1.08	1.08	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 16, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 18, 2017	3.08	3.25	3.08	100.0%
18851002	468	61	ARCO	13132365	2	May 19, 2017	2.46	3.71	2.46	100.0%
18851002	93	726	ARCO	13132365	2	May 19, 2017	0.50	0.75	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	May 19, 2017	1.16	1.75	1.16	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 17, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 19, 2017	6.46	6.82	6.46	100.0%
18860501	305	927	3IN1	13130605	4	May 19, 2017	0.86	0.91	0.86	100.0%
18860501	417	644	MOORE	13132050	4	May 19, 2017	1.20	1.27	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 19, 2017	2.80	2.96	2.80	100.0%

18860512	96	459	MOORE	13132050	4	May 19, 2017	0.48	0.51	0.48	100.0%
18860512	263	398	MOORE	13132050	4	May 19, 2017	0.18	0.19	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	May 19, 2017	0.18	0.19	0.18	100.0%
18860601	16	1009	MOORE	13132050	4	May 19, 2017	2.52	2.66	2.52	100.0%
18860601	339	1010	MOORE	13132050	4	May 19, 2017	0.68	0.72	0.68	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 17, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 17, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 19, 2017	1.04	1.10	1.04	100.0%
18860721	336	294	BURNETT	13127750	5	May 18, 2017	0.80	0.84	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 18, 2017	3.00	3.17	3.00	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 17, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 18, 2017	0.50	0.53	0.50	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	May 19, 2017	0.80	0.84	0.80	100.0%
18870313	70	337	MOORE	13132050	4	May 19, 2017	0.23	0.24	0.23	100.0%
18870313	433	683	MOORE	13132050	4	May 19, 2017	0.70	0.74	0.70	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 16, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 17, 2017	3.30	3.30	3.30	100.0%
18870601	305	1351	3IN1	13130605	4	May 19, 2017	1.00	1.06	1.00	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 17, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 17, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 16, 2017	0.20	0.20	0.20	100.0%
18870630	490	1395	BURNETT	13127750	5	May 18, 2017	0.80	0.84	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 18, 2017	0.80	0.84	0.80	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 18, 2017	0.98	1.03	0.98	100.0%
18880601	347	1138	SHARP	13126500	6	May 17, 2017	1.60	1.60	1.60	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 17, 2017	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	May 15, 2017	1.60	1.60	1.60	100.0%
18890601	441	205	MOORE	13132050	4	May 19, 2017	0.97	1.02	0.97	100.0%
18890601	599	1552	MOORE	13132050	4	May 19, 2017	0.32	0.34	0.32	100.0%
18890601	336	979	BURNETT	13127750	5	May 18, 2017	0.38	0.40	0.38	100.0%
18890601	475	969	BURNETT	13127750	5	May 18, 2017	1.20	1.27	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 18, 2017	2.70	2.85	2.70	100.0%
18900601	426	756	ARCO	13132365	2	May 19, 2017	0.57	0.86	0.57	100.0%
18900601	372	886	ARCO	13132365	2	May 19, 2017	0.59	0.89	0.59	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 17, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 17, 2017	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 16, 2017	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 16, 2017	0.24	0.24	0.24	100.0%
18910630	2332	1255	MOORE	13132050	4	May 19, 2017	0.26	0.27	0.26	100.0%
18910630	44	1003	MOORE	13132050	4	May 19, 2017	0.76	0.80	0.76	100.0%
18910630	44	1253	MOORE	13132050	4	May 19, 2017	0.48	0.51	0.48	100.0%
18910630	2332	1254	MOORE	13132050	4	May 19, 2017	0.48	0.51	0.48	100.0%
18910801	307	77	CHILLY	13121105	9	May 16, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 17, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 17, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 19, 2017	0.22	0.23	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 17, 2017	0.74	0.74	0.74	100.0%
18940310	475	989	BURNETT	13127750	5	May 18, 2017	0.44	0.46	0.44	100.0%
18940310	265	1223	BURNETT	13127750	5	May 18, 2017	2.80	2.96	2.80	100.0%
18940310	386	268	SUTTER	13128105	5	May 18, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 16, 2017	2.60	2.60	2.60	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 19, 2017	3.20	3.38	1.98	62.0%
18940601	417	379	MOORE	13132050	4	May 19, 2017	0.15	0.16	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 18, 2017	0.11	0.12	0.11	100.0%
18940601	390	408	SHARP	13126500	6	May 17, 2017	0.03	0.03	0.03	100.0%
18940601	307	39	CHILLY	13121105	9	May 16, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 18, 2017	1.10	1.16	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 16, 2017	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 19, 2017	0.10	0.11	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 18, 2017	1.52	1.60	1.52	100.0%
18950601	445	410	NEILSEN	13120805	9	May 16, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 16, 2017	0.02	0.02	0.02	100.0%
18950630	265	1224	BURNETT	13127750	5	May 18, 2017	2.26	2.39	2.26	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 17, 2017	3.20	3.20	3.20	100.0%

18960601	144	53	Lower Eastside &	13132291	2	May 19, 2017	1.47	1.55	1.47	100.0%
18960601	45	998	Lower Eastside &	13132291	2	May 19, 2017	0.26	0.27	0.26	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 19, 2017	0.70	0.74	0.70	100.0%
18960601	263	397	MOORE	13132050	4	May 19, 2017	0.35	0.37	0.35	100.0%
18960601	85	1522	MOORE	13132050	4	May 19, 2017	0.34	0.36	0.34	100.0%
18960601	85	1521	MOORE	13132050	4	May 19, 2017	0.23	0.24	0.23	100.0%
18960601	263	399	MOORE	13132050	4	May 19, 2017	0.27	0.29	0.27	100.0%
18960601	441	207	MOORE	13132050	4	May 19, 2017	1.00	1.06	1.00	100.0%
18960601	13	1119	MOORE	13132050	4	May 19, 2017	0.40	0.42	0.40	100.0%
18960601	15	1106	MOORE	13132050	4	May 19, 2017	1.17	1.24	1.17	100.0%
18960601	339	1118	MOORE	13132050	4	May 19, 2017	1.57	1.66	1.57	100.0%
18960601	417	992	MOORE	13132050	4	May 19, 2017	1.20	1.27	1.20	100.0%
18960601	96	457	MOORE	13132050	4	May 19, 2017	0.92	0.97	0.92	100.0%
18960601	96	461	MOORE	13132050	4	May 19, 2017	0.73	0.77	0.73	100.0%
18960601	417	381	MOORE	13132050	4	May 19, 2017	2.40	2.53	2.40	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 17, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 19, 2017	2.00	3.02	2.00	100.0%
18960801	405	1185	SHARP	13126500	6	May 17, 2017	0.04	0.04	0.04	100.0%
18960928	150	215	MUNSEY	13132375	2	May 19, 2017	1.97	2.97	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	May 19, 2017	0.03	0.05	0.03	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 19, 2017	1.34	1.42	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 16, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 18, 2017	3.20	3.38	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 19, 2017	0.24	0.25	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 17, 2017	2.40	2.40	2.40	100.0%
18980901	122	821	ARCO	13132365	2	May 19, 2017	0.10	0.15	0.10	100.0%
18980901	268	562	ARCO	13132365	2	May 19, 2017	1.57	2.37	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 17, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 17, 2017	0.50	0.50	0.50	100.0%
18990327	187	18	Lower Eastside &	13132291	2	May 19, 2017	0.03	0.03	0.03	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 19, 2017	0.29	0.31	0.29	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 19, 2017	0.84	0.89	0.84	100.0%
18990327	433	272	MOORE	13132050	4	May 19, 2017	0.48	0.51	0.48	100.0%
18990327	2331	467	MOORE	13132050	4	May 19, 2017	0.57	0.60	0.57	100.0%
18990327	219	549	MOORE	13132050	4	May 19, 2017	0.15	0.16	0.15	100.0%
18990327	645	466	MOORE	13132050	4	May 19, 2017	0.05	0.05	0.05	100.0%
18990518	138	443	BURNETT	13127750	5	May 18, 2017	0.02	0.02	0.02	100.0%
18990518	151	1044	BURNETT	13127750	5	May 18, 2017	0.15	0.16	0.15	100.0%
18990601	201	705	SWAUGER	13127600	5	May 18, 2017	0.28	0.30	0.28	100.0%
18990601	490	981	BURNETT	13127750	5	May 18, 2017	0.80	0.84	0.80	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 16, 2017	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 16, 2017	2.74	2.74	2.74	100.0%
19000601	386	270	SUTTER	13128105	5	May 18, 2017	0.08	0.08	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 16, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 17, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 17, 2017	3.20	3.20	3.20	100.0%
19010901	433	685	MOORE	13132050	4	May 19, 2017	0.45	0.48	0.45	100.0%
19010901	70	339	MOORE	13132050	4	May 19, 2017	0.12	0.13	0.12	100.0%
19010901	138	439	BURNETT	13127750	5	May 18, 2017	0.02	0.02	0.02	100.0%
19010901	151	1039	BURNETT	13127750	5	May 18, 2017	0.04	0.04	0.04	100.0%
19011001	263	396	MOORE	13132050	4	May 19, 2017	0.10	0.11	0.10	100.0%
19011001	96	455	MOORE	13132050	4	May 19, 2017	0.28	0.30	0.28	100.0%
19011102	426	1159	ARCO	13132365	2	May 19, 2017	1.32	1.99	1.32	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 16, 2017	2.60	2.60	2.60	100.0%
19020301	15	1121	MOORE	13132050	4	May 19, 2017	0.09	0.09	0.09	100.0%
19020301	15	81	MOORE	13132050	4	May 19, 2017	0.76	0.80	0.76	100.0%
19020301	13	1122	MOORE	13132050	4	May 19, 2017	0.31	0.32	0.31	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 17, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 16, 2017	0.90	0.90	0.90	100.0%
19020301	307	834	CHILLY	13121105	9	May 16, 2017	0.40	0.40	0.40	100.0%
19020301	310	836	CHILLY	13121105	9	May 16, 2017	0.80	0.80	0.80	100.0%
19020301	364	952	CHILLY	13121105	9	May 16, 2017	3.20	3.20	3.20	100.0%
19020301	373	24	CHILLY	13121105	9	May 16, 2017	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 16, 2017	2.40	2.40	2.40	100.0%

19020301	307	676	CHILLY	13121105	9	May 16, 2017	3.85	3.85	3.85	100.0%
19020304	129	1062	CHILLY	13121105	9	May 16, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 16, 2017	0.70	0.70	0.70	100.0%
19020415	479	377	LONGHURST	13121505	9	May 16, 2017	2.40	2.40	2.40	100.0%
19020501	170	1008	MOORE	13132050	4	May 19, 2017	1.82	1.92	1.82	100.0%
19020501	310	631	CHILLY	13121105	9	May 16, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 15, 2017	0.62	0.62	0.62	100.0%
19020601	16	1014	MOORE	13132050	4	May 19, 2017	0.92	0.97	0.92	100.0%
19020601	339	1015	MOORE	13132050	4	May 19, 2017	0.66	0.70	0.66	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 17, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 16, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 16, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 17, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 17, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 19, 2017	0.46	0.49	0.46	100.0%
19040526	386	269	SUTTER	13128105	5	May 18, 2017	0.08	0.08	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 18, 2017	0.02	0.02	0.02	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 17, 2017	0.40	0.40	0.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 17, 2017	0.13	0.13	0.13	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 16, 2017	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 16, 2017	0.02	0.02	0.02	100.0%
19050501	255	402	NEILSEN	13120805	9	May 16, 2017	0.50	0.50	0.50	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 16, 2017	3.00	3.00	3.00	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 16, 2017	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 16, 2017	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	May 16, 2017	1.30	1.30	1.30	100.0%
19050501	129	1063	CHILLY	13121105	9	May 16, 2017	0.80	0.80	0.80	100.0%
19050501	364	629	CHILLY	13121105	9	May 16, 2017	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	May 16, 2017	0.60	0.60	0.60	100.0%
19050501	373	432	CHILLY	13121105	9	May 16, 2017	0.58	0.58	0.58	100.0%
19050501	310	115	CHILLY	13121105	9	May 16, 2017	1.32	1.32	1.32	100.0%
19050905	629	1499	HOWELL	13120490	10	May 15, 2017	2.58	2.58	2.58	100.0%
19081207	70	343	MOORE	13132050	4	May 19, 2017	0.17	0.18	0.17	100.0%
19100501	131	69	Donahue 1	13122230	8	May 17, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 17, 2017	5.50	5.50	5.50	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 16, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 16, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 17, 2017	1.20	1.20	1.20	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 16, 2017	0.01	0.01	0.01	100.0%
19120830	255	400	NEILSEN	13120805	9	May 16, 2017	0.03	0.03	0.03	100.0%
19131224	373	25	CHILLY	13121105	9	May 16, 2017	1.60	1.60	1.60	100.0%
19150504	373	434	CHILLY	13121105	9	May 16, 2017	0.20	0.20	0.20	100.0%
19160501	129	633	CHILLY	13121105	9	May 16, 2017	1.40	1.40	1.40	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 17, 2017	1.36	1.36	1.36	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 17, 2017	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	May 19, 2017	0.44	0.66	0.44	100.0%
19240806	417	695	MOORE	13132050	4	May 19, 2017	0.50	0.53	0.50	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 19, 2017	0.58	0.87	0.58	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 19, 2017	6.30	9.50	6.30	100.0%
19950203	476	1272	3IN1	13130605	4	May 19, 2017	30.00	31.67	30.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 19, 2017	10.30	10.87	10.30	100.0%
19950411	476	1273	BURNETT	13127750	5	May 18, 2017	15.48	16.34	15.48	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 16, 2017	5.95	5.95	5.95	100.0%
19950411	476	1273	CHILLY	13121105	9	May 16, 2017	13.85	13.85	13.85	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 17, 2017	10000.00	10000.00	1038.53	10.4%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 16	1440.0	4.8		1444.8	0.00	1444.8	4.8	0.0		1440.0	0.0	
9	Howell to Chilly	May 17	4.5	136.9		-1298.6	0.90	146.2	100.5	36.5		41.0	-36.5	
8	Chilly to Reservoir ***Disconnected***	* May 18	1110.3	62.9		1168.7	0.00	1314.9	62.0	0.9		1147.7	-37.4	
7	Mackay Reservoir	* May 18	1061.0	0.0		1110.3	0.00	1148.1	906.3			241.8		
6	Reservoir to 2B	May 18	1050.0	11.0		0.0	0.00	1137.7	10.4	0.6		231.4	818.6	
5	2B to Leslie	May 19	900.0	129.0		-21.0	0.02	1056.5	76.5	52.5		150.2	749.8	
4	Leslie to Eastside In	May 20	781.2	156.6		37.8	0.00	951.6	105.0	51.6		45.2	736.0	
2a	Eastside In To Weirs	* May 20	659.4	5.1	0.0	-116.7	0.15	938.8	6.0	-0.9		32.5	626.9	0.0
2b	Weirs To Eastside Out	* May 20	537.6	14.7	0.0	-107.1	0.16	922.0	11.5	3.2		15.7	521.9	0.0
2c	Eastside Out To Blw Muns	* May 20	473.7	63.9	0.0	0.0	0.00	906.3	15.7	48.2	0.0	0.0	473.7	0.0
1	Blw Munsey to Arco	May 20	377.0	0.0		-96.7	0.20	901.1	0.0	0.0		0.0	473.7	
3	River blw Moore Div	May 20	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
* - Indicates flow estimated, not measured							TOTAL		1298.7	192.6	0.0			

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 16	0.0		20090101	9%	1	18800630	3.2	556.5	114.2	
9	Howell to Chilly	May 17	-1298.6		20090101	9%	2	18810630	1.7	294.0	60.7	
8	Chilly to Reservoir ***Disconnected***	May 18	0.0		20090101	9%	3	18880601	3.2	556.5	114.2	
7	Mackay Reservoir	May 18	0.0		20090101	9%	4	18960601	6.4	1113.0	228.5	
6	Reservoir to 2B	May 18	0.0	0.0	20090101	9%	5	19020301	0.8	140.0	28.6	
5	2B to Leslie	May 19	-4.6	-16.3	20090101	9%	6	19051002	Unlimited	20646.0	20646.0	
4	Leslie to Eastside In	May 20	0.0	0.0	20090101	9%	7	19160207	Unlimited	17205.0	17205.0	
2a	Eastside In To Weirs	May 20	-6.8	-109.9	0.0	20090101	9%	8	19590902	Unlimited	6000.0	6000.0
2b	Weirs To Eastside Out	May 20	-5.3	-101.8	0.0	20090101	9%	9	Add Vol	Unlimited	200000.0	65395.2
2c	Eastside Out To Blw Muns	May 20	0.0	0.0	0.0	20090101	9%	10	Rotation	Unlimited	50000.0	0.0
1	Blw Munsey to Arco	May 20	0.0	-473.7	0.0	20090101	9%	TOTAL		296511.0	109792.4	
3	River blw Moore Div	May 20	0.0	0.0	20090101	9%						
TOTAL			-1315.2	-700.6	0.0							

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
24950.0	25040.0		90.0	45.4	4.0	225.1	156.3	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	41092.4
Total Storage Loss	-26966.6
Total Storage Deliver	-5327.9
Total Evaporation	-238.4
Accounting Balance	25039.6
Current Res Content	25040.0
Storage Balance Error	-0.4

DAILY STORAGE BALANCE

24950.0 Reservoir Content Previous Day [ac-ft]
25040.0 Reservoir Content Current Day [ac-ft]
90.0 Physical Change in Storage [ac-ft]

1797.7 Storage Allocated to Mackay Reservoir [ac-ft]
-1389.6 Stored Flow Losses [ac-ft]
-16.3 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-684.3 Eastside [cfs]
0.0 River blw Moore [cfs]
-310.0 Storage Delivered [ac-ft]
0.6 Reservoir to 2B [cfs]
52.5 2B to Leslie [cfs]
51.6 Leslie to Moore [cfs]
51.6 Eastside to blw Munsey [cfs]
-7.9 Evaporation [ac-ft]
90.2 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1148.1 Natural Flow into Mackay Reservoir [cfs]

906.3 Reservoir Rights Diverted [cfs]
10.9 Natural Flow Losses below Reservoir [cfs]
-4.6 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-6.3 Eastside as River [cfs]
230.8 Natural Flow Delivered [cfs]
10.4 Reservoir to 2B [cfs]
76.5 2B to Leslie [cfs]
105.0 Leslie to Moore [cfs]
38.9 Eastside to blw Munsey [cfs]
1148.0 Natural Flow Delivered & Lost [cfs]

0.1 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	781.2			5.1	-0.9	329.7	329.7	-116.7	14.9%	659.4
Natural Flow	45.2			6.0	-1.1			-6.8		32.5
Stored Flow	736.0			-0.9	0.2			-109.9		626.9
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	329.7	329.7		14.7	-5.9	537.6	-107.1	16.2%	-217.0
Natural Flow				11.5	-4.7	15.7	-5.3		-6.3
Stored Flow				3.2	-1.3	521.9	-101.8		-210.6
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	537.6		473.7	63.9
Natural Flow	15.7		0.0	15.7
Stored Flow	521.9		473.7	48.2
Exchange Flow	0.0		0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060			13132350
Actual Flow	26.6	754.6	17.6	641.8	537.6
Natural Flow	23.2	22.0	13.8	18.7	15.7
Stored Flow	3.4	732.6	3.8	623.1	521.9
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	11.0	0.6	52.1
9 KENT	5.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	24.0	6.8	153.5
9 BITTON	0.0	5.0	19.8	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	4.0	4.0	114.1	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	17.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	97.2	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	56.0	18.8	822.4
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	0.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	863.9
9 NEILSEN	31.0	0.9	146.8	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	0.0	0.0	11.9	5 SUTTER	6.0	2.7	53.8
9 CHILLY	61.0	0.0	214.2	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	0.0	0.0	432.7
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	22.6	89.7	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	4.8	4 3IN1	36.6	4.7	204.3
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	120.0	46.9	1547.5
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	29.0	2 EASTSIDE FHDiv	26.6	3.4	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	38.1	521.9	13340.5
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.2	0.0	0.0	2 MUNSEY	25.8	521.9	13340.5
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	1.0	0.0	20.7	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

WATER DISTRICT 34 - BIG LOST RIVER FLOW ACCOUNTING (VER 2.1.2.2) - May 20, 2017

20170614

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 17, 2017	5.20	5.20	5.20	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 18, 2017	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 18, 2017	0.59	0.59	0.59	100.0%
18800601	93	723	ARCO	13132365	2	May 20, 2017	0.04	0.06	0.04	100.0%
18800601	370	530	ARCO	13132365	2	May 20, 2017	0.15	0.21	0.15	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 18, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 18, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 18, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 18, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 18, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 17, 2017	1.20	1.20	1.20	100.0%
18830601	106	1082	MOORE	13132050	4	May 20, 2017	1.54	1.57	1.54	100.0%
18830601	2331	465	MOORE	13132050	4	May 20, 2017	0.79	0.81	0.79	100.0%
18830601	645	464	MOORE	13132050	4	May 20, 2017	0.11	0.11	0.11	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 20, 2017	0.43	0.44	0.43	100.0%
18830810	85	1583	MOORE	13132050	4	May 20, 2017	0.18	0.18	0.18	100.0%
18830810	263	393	MOORE	13132050	4	May 20, 2017	0.18	0.18	0.18	100.0%
18830810	96	449	MOORE	13132050	4	May 20, 2017	0.48	0.49	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	May 20, 2017	1.50	1.53	1.50	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 19, 2017	0.68	0.69	0.68	100.0%
18840422	433	1427	MOORE	13132050	4	May 20, 2017	0.14	0.14	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 19, 2017	0.07	0.07	0.07	100.0%
18840422	201	83	SWAUGER	13127600	5	May 19, 2017	1.12	1.14	1.12	100.0%
18840422	585	951	SWAUGER	13127600	5	May 19, 2017	0.18	0.18	0.18	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 19, 2017	2.17	2.21	2.17	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 19, 2017	1.44	1.47	1.44	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 19, 2017	0.96	0.98	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 19, 2017	0.20	0.20	0.20	100.0%
18840422	525	1465	BURNETT	13127750	5	May 19, 2017	1.92	1.96	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	May 19, 2017	0.50	0.51	0.50	100.0%
18840422	347	938	SHARP	13126500	6	May 18, 2017	4.00	4.00	4.00	100.0%
18840422	397	10	SHARP	13126500	6	May 18, 2017	0.10	0.10	0.10	100.0%
18840422	2525	407	SHARP	13126500	6	May 18, 2017	0.06	0.06	0.06	100.0%
18840422	632	1539	SHARP	13126500	6	May 18, 2017	0.10	0.10	0.10	100.0%
18840422	390	406	SHARP	13126500	6	May 18, 2017	0.09	0.09	0.09	100.0%
18840422	103	1289	SHARP	13126500	6	May 18, 2017	0.58	0.58	0.58	100.0%
18840422	24	120	SHARP	13126500	6	May 18, 2017	0.08	0.08	0.08	100.0%
18840422	544	1067	SHARP	13126500	6	May 18, 2017	1.00	1.00	1.00	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 18, 2017	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 18, 2017	1.80	1.80	1.80	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 20, 2017	1.15	1.17	1.15	100.0%
18840520	187	1441	Lower Eastside &	13132291	2	May 20, 2017	0.01	0.01	0.01	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 20, 2017	0.16	0.16	0.16	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 20, 2017	0.18	0.18	0.18	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 20, 2017	0.80	0.82	0.80	100.0%
18840520	2333	657	MOORE	13132050	4	May 20, 2017	1.02	1.04	1.02	100.0%
18840520	2332	753	MOORE	13132050	4	May 20, 2017	0.42	0.43	0.42	100.0%
18840520	2332	752	MOORE	13132050	4	May 20, 2017	0.36	0.37	0.36	100.0%
18840520	2331	471	MOORE	13132050	4	May 20, 2017	2.14	2.18	2.14	100.0%
18840520	2331	463	MOORE	13132050	4	May 20, 2017	2.24	2.29	2.24	100.0%
18840520	66	266	MOORE	13132050	4	May 20, 2017	0.02	0.02	0.02	100.0%
18840520	645	462	MOORE	13132050	4	May 20, 2017	0.32	0.33	0.32	100.0%
18840520	340	816	MOORE	13132050	4	May 20, 2017	0.36	0.37	0.36	100.0%
18840520	427	1	MOORE	13132050	4	May 20, 2017	1.06	1.08	1.06	100.0%
18840520	2335	265	MOORE	13132050	4	May 20, 2017	0.88	0.90	0.88	100.0%
18840520	85	1584	MOORE	13132050	4	May 20, 2017	0.22	0.22	0.22	100.0%
18840520	96	451	MOORE	13132050	4	May 20, 2017	0.58	0.59	0.58	100.0%
18840520	263	394	MOORE	13132050	4	May 20, 2017	0.22	0.22	0.22	100.0%
18840520	219	547	MOORE	13132050	4	May 20, 2017	1.15	1.17	1.15	100.0%

18840520	433	271	MOORE	13132050	4	May 20, 2017	0.54	0.55	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	May 20, 2017	0.09	0.09	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	May 20, 2017	0.54	0.55	0.54	100.0%
18840601	96	453	MOORE	13132050	4	May 20, 2017	0.21	0.21	0.21	100.0%
18840601	263	395	MOORE	13132050	4	May 20, 2017	0.08	0.08	0.08	100.0%
18840601	15	131	MOORE	13132050	4	May 20, 2017	0.37	0.38	0.37	100.0%
18840601	85	1585	MOORE	13132050	4	May 20, 2017	0.08	0.08	0.08	100.0%
18840601	297	712	BURNETT	13127750	5	May 19, 2017	0.80	0.82	0.80	100.0%
18840601	151	1042	BURNETT	13127750	5	May 19, 2017	0.23	0.23	0.23	100.0%
18840601	138	441	BURNETT	13127750	5	May 19, 2017	0.04	0.04	0.04	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 18, 2017	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 17, 2017	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 17, 2017	0.80	0.80	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 20, 2017	0.76	0.78	0.76	100.0%
18840715	15	799	MOORE	13132050	4	May 20, 2017	0.80	0.82	0.80	100.0%
18840715	115	323	MOORE	13132050	4	May 20, 2017	0.76	0.78	0.76	100.0%
18840715	417	1194	MOORE	13132050	4	May 20, 2017	1.20	1.22	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	May 20, 2017	0.80	0.82	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	May 20, 2017	0.80	0.82	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	May 20, 2017	0.80	0.82	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 20, 2017	0.20	0.20	0.20	100.0%
18840831	180	276	Upper Eastside &	13132101	2	May 20, 2017	1.08	1.10	1.08	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 20, 2017	0.50	0.51	0.50	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 20, 2017	0.35	0.36	0.35	100.0%
18840901	441	1107	MOORE	13132050	4	May 20, 2017	3.20	3.27	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 18, 2017	1.74	1.74	1.74	100.0%
18841012	433	1081	MOORE	13132050	4	May 20, 2017	1.25	1.28	1.25	100.0%
18841012	70	341	MOORE	13132050	4	May 20, 2017	0.31	0.32	0.31	100.0%
18841012	317	385	SWAUGER	13127600	5	May 19, 2017	0.74	0.76	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 19, 2017	2.77	2.83	2.77	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 19, 2017	0.80	0.82	0.80	100.0%
18841012	524	11	SWAUGER	13127600	5	May 19, 2017	2.78	2.84	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 19, 2017	0.81	0.83	0.81	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 19, 2017	3.30	3.37	3.30	100.0%
18841012	347	1141	SHARP	13126500	6	May 18, 2017	1.06	1.06	1.06	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 19, 2017	1.65	1.68	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 19, 2017	2.00	2.04	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 19, 2017	0.61	0.62	0.61	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 19, 2017	0.79	0.81	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 19, 2017	1.10	1.12	1.10	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	May 20, 2017	2.00	2.04	2.00	100.0%
18850501	426	887	ARCO	13132365	2	May 20, 2017	0.64	0.92	0.64	100.0%
18850501	468	59	ARCO	13132365	2	May 20, 2017	0.74	1.06	0.74	100.0%
18850501	255	401	NEILSEN	13120805	9	May 17, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 17, 2017	2.80	2.80	2.80	100.0%
18850512	251	22	Upper Eastside &	13132101	2	May 20, 2017	0.70	0.71	0.70	100.0%
18850530	282	1190	SUTTER	13128105	5	May 19, 2017	0.20	0.20	0.20	100.0%
18850531	63	1354	MOORE	13132050	4	May 20, 2017	1.46	1.49	1.46	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 19, 2017	3.20	3.27	3.20	100.0%
18850601	15	859	MOORE	13132050	4	May 20, 2017	0.50	0.51	0.50	100.0%
18850601	20	949	DARLINGTON	13127735	5	May 19, 2017	0.36	0.37	0.36	100.0%
18850601	212	315	DARLINGTON	13127735	5	May 19, 2017	0.94	0.96	0.94	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 19, 2017	2.60	2.65	1.58	60.8%
18850601	525	1464	BURNETT	13127750	5	May 19, 2017	1.54	1.57	1.54	100.0%
18850601	405	1182	SHARP	13126500	6	May 18, 2017	0.04	0.04	0.04	100.0%
18850601	280	1183	SHARP	13126500	6	May 18, 2017	1.08	1.08	1.08	100.0%
18850601	544	1184	SHARP	13126500	6	May 18, 2017	0.58	0.58	0.58	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 17, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 19, 2017	3.08	3.14	3.08	100.0%
18851002	370	1592	ARCO	13132365	2	May 20, 2017	1.16	1.66	1.16	100.0%
18851002	93	726	ARCO	13132365	2	May 20, 2017	0.50	0.72	0.50	100.0%
18851002	468	61	ARCO	13132365	2	May 20, 2017	2.44	3.49	2.44	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 18, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 20, 2017	7.92	8.08	7.92	100.0%

18860501	305	927	3IN1	13130605	4	May 20, 2017	0.86	0.88	0.86	100.0%
18860501	417	644	MOORE	13132050	4	May 20, 2017	1.20	1.22	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 20, 2017	2.80	2.86	2.80	100.0%
18860512	85	1588	MOORE	13132050	4	May 20, 2017	0.18	0.18	0.18	100.0%
18860512	263	398	MOORE	13132050	4	May 20, 2017	0.18	0.18	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 20, 2017	0.48	0.49	0.48	100.0%
18860601	16	1009	MOORE	13132050	4	May 20, 2017	2.52	2.57	2.52	100.0%
18860601	339	1010	MOORE	13132050	4	May 20, 2017	0.68	0.69	0.68	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 18, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 18, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 20, 2017	1.28	1.31	1.28	100.0%
18860721	336	294	BURNETT	13127750	5	May 19, 2017	0.80	0.82	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 19, 2017	3.00	3.06	3.00	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 18, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 19, 2017	0.50	0.51	0.50	100.0%
18870313	70	337	MOORE	13132050	4	May 20, 2017	0.23	0.23	0.23	100.0%
18870313	433	683	MOORE	13132050	4	May 20, 2017	0.70	0.71	0.70	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 17, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 18, 2017	3.30	3.30	3.30	100.0%
18870601	305	1351	3IN1	13130605	4	May 20, 2017	1.00	1.02	1.00	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 18, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 18, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 17, 2017	0.20	0.20	0.20	100.0%
18870630	323	945	BURNETT	13127750	5	May 19, 2017	0.80	0.82	0.80	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 19, 2017	0.98	1.00	0.98	100.0%
18880601	347	1138	SHARP	13126500	6	May 18, 2017	1.60	1.60	1.60	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 18, 2017	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	May 16, 2017	1.60	1.60	1.60	100.0%
18890601	441	205	MOORE	13132050	4	May 20, 2017	0.97	0.99	0.97	100.0%
18890601	599	1552	MOORE	13132050	4	May 20, 2017	0.32	0.33	0.32	100.0%
18890601	336	979	BURNETT	13127750	5	May 19, 2017	0.38	0.39	0.38	100.0%
18890601	475	969	BURNETT	13127750	5	May 19, 2017	1.20	1.22	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 19, 2017	2.70	2.75	2.70	100.0%
18900601	426	756	ARCO	13132365	2	May 20, 2017	0.57	0.82	0.57	100.0%
18900601	372	886	ARCO	13132365	2	May 20, 2017	0.59	0.84	0.59	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 18, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 18, 2017	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 17, 2017	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 17, 2017	0.24	0.24	0.24	100.0%
18910630	2332	1255	MOORE	13132050	4	May 20, 2017	0.26	0.27	0.26	100.0%
18910630	2332	1254	MOORE	13132050	4	May 20, 2017	0.48	0.49	0.48	100.0%
18910630	44	1253	MOORE	13132050	4	May 20, 2017	0.50	0.51	0.50	100.0%
18910630	44	1003	MOORE	13132050	4	May 20, 2017	0.76	0.78	0.76	100.0%
18910801	307	77	CHILLY	13121105	9	May 17, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 18, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 18, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 20, 2017	0.22	0.22	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 18, 2017	0.74	0.74	0.74	100.0%
18940310	475	989	BURNETT	13127750	5	May 19, 2017	0.44	0.45	0.44	100.0%
18940310	265	1223	BURNETT	13127750	5	May 19, 2017	2.80	2.86	2.80	100.0%
18940310	386	268	SUTTER	13128105	5	May 19, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 17, 2017	2.60	2.60	2.60	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 20, 2017	3.20	3.27	1.55	48.4%
18940601	417	379	MOORE	13132050	4	May 20, 2017	0.15	0.15	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 19, 2017	0.11	0.11	0.11	100.0%
18940601	390	408	SHARP	13126500	6	May 18, 2017	0.03	0.03	0.03	100.0%
18940601	307	39	CHILLY	13121105	9	May 17, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 19, 2017	1.10	1.12	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 17, 2017	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 20, 2017	0.10	0.10	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 19, 2017	1.52	1.55	1.52	100.0%
18950601	445	410	NEILSEN	13120805	9	May 17, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 17, 2017	0.02	0.02	0.02	100.0%
18950630	265	1224	BURNETT	13127750	5	May 19, 2017	2.26	2.31	2.26	100.0%

18960330	1	1335	6X Ranch 1	13122805	8	May 18, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	May 20, 2017	1.47	1.50	1.47	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 20, 2017	0.70	0.71	0.70	100.0%
18960601	339	1118	MOORE	13132050	4	May 20, 2017	1.57	1.60	1.57	100.0%
18960601	263	397	MOORE	13132050	4	May 20, 2017	0.35	0.36	0.35	100.0%
18960601	15	1106	MOORE	13132050	4	May 20, 2017	1.17	1.19	1.17	100.0%
18960601	263	399	MOORE	13132050	4	May 20, 2017	0.27	0.28	0.27	100.0%
18960601	96	461	MOORE	13132050	4	May 20, 2017	0.73	0.74	0.73	100.0%
18960601	96	457	MOORE	13132050	4	May 20, 2017	0.92	0.94	0.92	100.0%
18960601	85	1522	MOORE	13132050	4	May 20, 2017	0.34	0.35	0.34	100.0%
18960601	85	1521	MOORE	13132050	4	May 20, 2017	0.23	0.23	0.23	100.0%
18960601	417	381	MOORE	13132050	4	May 20, 2017	2.40	2.45	2.40	100.0%
18960601	417	992	MOORE	13132050	4	May 20, 2017	1.20	1.22	1.20	100.0%
18960601	441	207	MOORE	13132050	4	May 20, 2017	1.00	1.02	1.00	100.0%
18960601	13	1119	MOORE	13132050	4	May 20, 2017	0.40	0.41	0.40	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 18, 2017	6.40	6.40	6.40	100.0%
18960801	405	1185	SHARP	13126500	6	May 18, 2017	0.04	0.04	0.04	100.0%
18960928	407	307	MUNSEY	13132375	2	May 20, 2017	0.34	0.49	0.34	100.0%
18960928	150	215	MUNSEY	13132375	2	May 20, 2017	1.97	2.82	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	May 20, 2017	0.03	0.04	0.03	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 20, 2017	1.34	1.37	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 17, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 19, 2017	3.20	3.27	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 20, 2017	0.24	0.24	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 18, 2017	2.40	2.40	2.40	100.0%
18980901	122	821	ARCO	13132365	2	May 20, 2017	0.10	0.14	0.10	100.0%
18980901	268	562	ARCO	13132365	2	May 20, 2017	1.57	2.25	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 18, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 18, 2017	0.50	0.50	0.50	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 20, 2017	0.29	0.30	0.29	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 20, 2017	0.84	0.86	0.84	100.0%
18990327	187	18	Lower Eastside &	13132291	2	May 20, 2017	0.03	0.03	0.03	100.0%
18990327	645	466	MOORE	13132050	4	May 20, 2017	0.05	0.05	0.05	100.0%
18990327	433	272	MOORE	13132050	4	May 20, 2017	0.48	0.49	0.48	100.0%
18990327	219	549	MOORE	13132050	4	May 20, 2017	0.17	0.17	0.17	100.0%
18990327	2331	467	MOORE	13132050	4	May 20, 2017	0.60	0.61	0.60	100.0%
18990327	2331	469	MOORE	13132050	4	May 20, 2017	0.01	0.01	0.01	100.0%
18990518	151	1044	BURNETT	13127750	5	May 19, 2017	0.15	0.15	0.15	100.0%
18990518	138	443	BURNETT	13127750	5	May 19, 2017	0.02	0.02	0.02	100.0%
18990601	201	705	SWAUGER	13127600	5	May 19, 2017	0.28	0.29	0.28	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 17, 2017	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 17, 2017	2.74	2.74	2.74	100.0%
19000601	386	270	SUTTER	13128105	5	May 19, 2017	0.08	0.08	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 17, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 18, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 18, 2017	3.20	3.20	3.20	100.0%
19010901	433	685	MOORE	13132050	4	May 20, 2017	0.47	0.48	0.47	100.0%
19010901	70	339	MOORE	13132050	4	May 20, 2017	0.12	0.12	0.12	100.0%
19010901	151	1039	BURNETT	13127750	5	May 19, 2017	0.04	0.04	0.04	100.0%
19010901	138	439	BURNETT	13127750	5	May 19, 2017	0.02	0.02	0.02	100.0%
19011001	96	455	MOORE	13132050	4	May 20, 2017	0.30	0.31	0.30	100.0%
19011001	263	396	MOORE	13132050	4	May 20, 2017	0.10	0.10	0.10	100.0%
19011102	426	1159	ARCO	13132365	2	May 20, 2017	1.32	1.89	1.32	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 17, 2017	2.60	2.60	2.60	100.0%
19020301	13	1122	MOORE	13132050	4	May 20, 2017	0.31	0.31	0.31	100.0%
19020301	15	1121	MOORE	13132050	4	May 20, 2017	0.11	0.11	0.11	100.0%
19020301	15	81	MOORE	13132050	4	May 20, 2017	0.76	0.77	0.76	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 18, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 17, 2017	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	May 17, 2017	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	May 17, 2017	1.60	1.60	1.60	100.0%
19020301	307	834	CHILLY	13121105	9	May 17, 2017	0.40	0.40	0.40	100.0%
19020301	609	1492	CHILLY	13121105	9	May 17, 2017	2.40	2.40	2.40	100.0%
19020301	307	676	CHILLY	13121105	9	May 17, 2017	3.85	3.85	3.85	100.0%

19020301	364	952	CHILLY	13121105	9	May 17, 2017	3.20	3.20	3.20	100.0%
19020304	129	1062	CHILLY	13121105	9	May 17, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 17, 2017	0.70	0.70	0.70	100.0%
19020415	479	377	LONGHURST	13121505	9	May 17, 2017	2.40	2.40	2.40	100.0%
19020501	170	1008	MOORE	13132050	4	May 20, 2017	1.82	1.86	1.82	100.0%
19020501	310	631	CHILLY	13121105	9	May 17, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 16, 2017	0.62	0.62	0.62	100.0%
19020601	339	1015	MOORE	13132050	4	May 20, 2017	0.66	0.67	0.66	100.0%
19020601	16	1014	MOORE	13132050	4	May 20, 2017	0.92	0.94	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 18, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 17, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 17, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 18, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 18, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 20, 2017	1.46	1.49	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	May 19, 2017	0.08	0.08	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 19, 2017	0.02	0.02	0.02	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 18, 2017	0.40	0.40	0.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 18, 2017	0.13	0.13	0.13	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 17, 2017	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 17, 2017	0.02	0.02	0.02	100.0%
19050501	130	74	NEILSEN	13120805	9	May 17, 2017	1.30	1.30	1.30	100.0%
19050501	255	402	NEILSEN	13120805	9	May 17, 2017	0.50	0.50	0.50	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 17, 2017	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 17, 2017	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 17, 2017	3.00	3.00	3.00	100.0%
19050501	364	690	CHILLY	13121105	9	May 17, 2017	0.60	0.60	0.60	100.0%
19050501	373	432	CHILLY	13121105	9	May 17, 2017	0.58	0.58	0.58	100.0%
19050501	310	115	CHILLY	13121105	9	May 17, 2017	1.32	1.32	1.32	100.0%
19050501	364	629	CHILLY	13121105	9	May 17, 2017	0.40	0.40	0.40	100.0%
19050501	129	1063	CHILLY	13121105	9	May 17, 2017	0.80	0.80	0.80	100.0%
19050905	629	1499	HOWELL	13120490	10	May 16, 2017	2.58	2.58	2.58	100.0%
19081207	70	343	MOORE	13132050	4	May 20, 2017	0.17	0.17	0.17	100.0%
19100501	131	69	Donahue 1	13122230	8	May 18, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 18, 2017	5.50	5.50	5.50	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 17, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 17, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 18, 2017	1.20	1.20	1.20	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 17, 2017	0.01	0.01	0.01	100.0%
19120830	255	400	NEILSEN	13120805	9	May 17, 2017	0.03	0.03	0.03	100.0%
19131224	373	25	CHILLY	13121105	9	May 17, 2017	1.60	1.60	1.60	100.0%
19150504	373	434	CHILLY	13121105	9	May 17, 2017	0.20	0.20	0.20	100.0%
19160501	129	633	CHILLY	13121105	9	May 17, 2017	1.40	1.40	1.40	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 18, 2017	1.36	1.36	1.36	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 18, 2017	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	May 20, 2017	0.68	0.97	0.68	100.0%
19240806	417	695	MOORE	13132050	4	May 20, 2017	0.50	0.51	0.50	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 20, 2017	2.84	4.07	2.84	100.0%
19950203	476	1272	3IN1	13130605	4	May 20, 2017	30.00	30.61	30.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 20, 2017	10.34	10.55	10.34	100.0%
19950411	476	1273	BURNETT	13127750	5	May 19, 2017	15.48	15.80	15.48	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 17, 2017	5.95	5.95	5.95	100.0%
19950411	476	1273	CHILLY	13121105	9	May 17, 2017	13.85	13.85	13.85	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 18, 2017	10000.00	10000.00	891.04	8.9%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 17	1270.0	4.8		1274.8	0.00	1274.8	4.8	0.0		1270.0	0.0	
9	Howell to Chilly	May 18	3.9	136.9		-1129.2	0.89	145.6	100.5	36.5		40.4	-36.5	
8	Chilly to Reservoir ***Disconnected***	* May 19	1008.3	62.9		1067.2	0.00	1212.9	62.0	0.9		1045.6	-37.4	
7	Mackay Reservoir	* May 19	1211.0	0.0		1008.3	0.00	1107.3	807.4			299.9		
6	Reservoir to 2B	May 19	1200.0	11.0		0.0	0.00	1096.9	10.4	0.6		289.4	910.6	
5	2B to Leslie	May 20	1160.0	139.0		99.0	0.00	1011.2	85.6	53.4		203.8	956.2	
4	Leslie to Eastside In	May 21	820.2	156.6		-183.2	0.16	874.1	105.0	51.6		66.6	753.6	
2a	Eastside In To Weirs	* May 21	697.0	3.8	0.0	-119.4	0.15	859.9	4.4	-0.6		52.5	644.5	0.0
2b	Weirs To Eastside Out	* May 21	573.1	13.8	0.0	-110.1	0.16	840.3	11.3	2.5		32.9	540.2	0.0
2c	Eastside Out To Blw Muns	* May 21	507.3	65.8	0.0	0.0	0.00	807.4	32.9	32.9	0.0	0.0	507.3	0.0
1	Blw Munsey to Arco	May 21	408.0	0.0		-99.3	0.20	802.7	0.0	0.0		0.0	507.3	
3	River blw Moore Div	May 21	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
							TOTAL		1224.4	177.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 17	0.0		20090101	8%	1	18800630	3.2	556.5	120.6	
9	Howell to Chilly	May 18	-1129.2		20090101	8%	2	18810630	1.7	294.0	64.1	
8	Chilly to Reservoir ***Disconnected***	May 19	0.0		20090101	8%	3	18880601	3.2	556.5	120.6	
7	Mackay Reservoir	May 19	0.0		20090101	8%	4	18960601	6.4	1113.0	241.2	
6	Reservoir to 2B	May 19	0.0	0.0	20090101	8%	5	19020301	0.8	140.0	30.1	
5	2B to Leslie	May 20	0.0	0.0	20090101	8%	6	19051002	Unlimited	20646.0	20646.0	
4	Leslie to Eastside In	May 21	-32.2	-151.0	20090101	8%	7	19160207	Unlimited	17205.0	17205.0	
2a	Eastside In To Weirs	May 21	-9.7	-109.7	0.0	20090101	8%	8	19590902	Unlimited	6000.0	6000.0
2b	Weirs To Eastside Out	May 21	-8.3	-101.8	0.0	20090101	8%	9	Add Vol	Unlimited	200000.0	66966.4
2c	Eastside Out To Blw Muns	May 21	0.0	0.0	0.0	20090101	8%	10	Rotation	Unlimited	50000.0	0.0
1	Blw Munsey to Arco	May 21	0.0	-507.3	0.0	20090101	8%	TOTAL		296511.0	111394.0	
3	River blw Moore Div	May 21	0.0	0.0	20090101	8%						
TOTAL			-1179.4	-868.9	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
25040.0	24630.0		-410.0	-206.7	4.0	249.7	141.2	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	42694.0
Total Storage Loss	-28690.1
Total Storage Deliver	-5607.9
Total Evaporation	-246.2
Accounting Balance	24629.7
Current Res Content	24630.0
Storage Balance Error	-0.3

DAILY STORAGE BALANCE

25040.0 Reservoir Content Previous Day [ac-ft]
24630.0 Reservoir Content Current Day [ac-ft]
-410.0 Physical Change in Storage [ac-ft]

1601.5 Storage Allocated to Mackay Reservoir [ac-ft]
-1723.5 Stored Flow Losses [ac-ft]
0.0 2B to Leslie [cfs]
-151.0 Leslie to Moore [cfs]
-717.9 Eastside [cfs]
0.0 River blw Moore [cfs]
-280.1 Storage Delivered [ac-ft]
0.6 Reservoir to 2B [cfs]
53.4 2B to Leslie [cfs]
51.6 Leslie to Moore [cfs]
35.6 Eastside to blw Munsey [cfs]
-7.9 Evaporation [ac-ft]
-410.0 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1107.3 Natural Flow into Mackay Reservoir [cfs]

807.4 Reservoir Rights Diverted [cfs]
45.0 Natural Flow Losses below Reservoir [cfs]
0.0 2B to Leslie [cfs]
-32.2 Leslie to Moore [cfs]
-12.8 Eastside as River [cfs]
254.8 Natural Flow Delivered [cfs]
10.4 Reservoir to 2B [cfs]
85.6 2B to Leslie [cfs]
105.0 Leslie to Moore [cfs]
53.8 Eastside to blw Munsey [cfs]
1107.2 Natural Flow Delivered & Lost [cfs]

0.1 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	820.2			3.8	-0.6	348.3	348.7	-119.4	14.6%	697.0
Natural Flow	66.6			4.4	-0.8			-9.7		52.5
Stored Flow	753.6			-0.6	0.1			-109.7		644.5
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	348.3	348.7		13.8	-5.4	573.1	-110.1	15.8%	-223.5
Natural Flow				11.3	-4.4	32.9	-8.3		-12.8
Stored Flow				2.5	-1.0	540.2	-101.8		-210.6
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	573.1	65.8	507.3	
Natural Flow	32.9	32.9	0.0	
Stored Flow	540.2	32.9	507.3	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060			13132350
Actual Flow	23.6	796.6	16.4	680.6	573.1
Natural Flow	20.9	45.7	13.4	39.1	32.9
Stored Flow	2.7	750.8	3.0	641.5	540.2
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	11.0	0.6	53.2
9 KENT	5.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	27.0	8.3	170.0
9 BITTON	0.0	5.0	29.8	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	4.0	4.0	122.0	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	17.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	105.1	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	63.0	18.2	858.5
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	0.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	911.9
9 NEILSEN	31.0	0.9	148.5	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	0.0	0.0	11.9	5 SUTTER	6.0	2.7	59.1
9 CHILLY	61.0	0.0	214.2	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	0.0	0.0	432.7
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	22.6	134.5	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	4.8	4 3IN1	36.6	4.7	213.7
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	120.0	46.9	1640.6
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	30.8	2 EASTSIDE FHDiv	23.6	2.7	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	39.7	540.2	14412.0
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.2	0.0	0.0	2 MUNSEY	26.1	540.2	14412.0
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	1.0	0.0	20.7	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 18, 2017	5.20	5.20	5.20	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 19, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 19, 2017	0.01	0.01	0.01	100.0%
18800601	370	530	ARCO	13132365	2	May 21, 2017	0.15	0.25	0.15	100.0%
18800601	93	723	ARCO	13132365	2	May 21, 2017	0.04	0.07	0.04	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 19, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 19, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 19, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 19, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 19, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 18, 2017	1.20	1.20	1.20	100.0%
18830601	2331	465	MOORE	13132050	4	May 21, 2017	0.79	0.94	0.79	100.0%
18830601	645	464	MOORE	13132050	4	May 21, 2017	0.11	0.13	0.11	100.0%
18830601	106	1082	MOORE	13132050	4	May 21, 2017	1.54	1.83	1.54	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 21, 2017	0.43	0.51	0.43	100.0%
18830810	96	449	MOORE	13132050	4	May 21, 2017	0.48	0.57	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	May 21, 2017	0.18	0.21	0.18	100.0%
18830810	263	393	MOORE	13132050	4	May 21, 2017	0.18	0.21	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	May 21, 2017	1.50	1.78	1.50	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 20, 2017	0.68	0.68	0.68	100.0%
18840422	433	1427	MOORE	13132050	4	May 21, 2017	0.14	0.17	0.14	100.0%
18840422	201	83	SWAUGER	13127600	5	May 20, 2017	1.12	1.12	1.12	100.0%
18840422	585	951	SWAUGER	13127600	5	May 20, 2017	0.18	0.18	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 20, 2017	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	May 20, 2017	0.93	0.93	0.93	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 20, 2017	1.44	1.44	1.44	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 20, 2017	0.96	0.96	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 20, 2017	0.20	0.20	0.20	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 20, 2017	2.17	2.17	2.17	100.0%
18840422	360	133	BURNETT	13127750	5	May 20, 2017	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	May 20, 2017	1.92	1.92	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	May 20, 2017	0.50	0.50	0.50	100.0%
18840422	544	1067	SHARP	13126500	6	May 19, 2017	1.00	1.00	1.00	100.0%
18840422	24	120	SHARP	13126500	6	May 19, 2017	0.08	0.08	0.08	100.0%
18840422	397	10	SHARP	13126500	6	May 19, 2017	0.10	0.10	0.10	100.0%
18840422	390	406	SHARP	13126500	6	May 19, 2017	0.09	0.09	0.09	100.0%
18840422	2525	407	SHARP	13126500	6	May 19, 2017	0.06	0.06	0.06	100.0%
18840422	347	938	SHARP	13126500	6	May 19, 2017	4.00	4.00	4.00	100.0%
18840422	103	1289	SHARP	13126500	6	May 19, 2017	0.58	0.58	0.58	100.0%
18840422	632	1539	SHARP	13126500	6	May 19, 2017	0.10	0.10	0.10	100.0%
18840430	360	67	BURNETT	13127750	5	May 20, 2017	1.06	1.06	1.06	100.0%
18840430	73	194	BURNETT	13127750	5	May 20, 2017	0.77	0.77	0.77	100.0%
18840430	73	193	BURNETT	13127750	5	May 20, 2017	1.23	1.23	1.23	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 19, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 19, 2017	0.22	0.22	0.22	100.0%
18840520	187	1441	Lower Eastside &	13132291	2	May 21, 2017	0.01	0.01	0.01	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 21, 2017	1.15	1.37	1.15	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 21, 2017	0.16	0.19	0.16	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 21, 2017	0.18	0.21	0.18	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 21, 2017	0.80	0.95	0.80	100.0%
18840520	85	1584	MOORE	13132050	4	May 21, 2017	0.22	0.26	0.22	100.0%
18840520	219	547	MOORE	13132050	4	May 21, 2017	1.15	1.37	1.15	100.0%
18840520	2332	752	MOORE	13132050	4	May 21, 2017	0.36	0.43	0.36	100.0%
18840520	645	462	MOORE	13132050	4	May 21, 2017	0.32	0.38	0.32	100.0%
18840520	433	271	MOORE	13132050	4	May 21, 2017	0.54	0.64	0.54	100.0%
18840520	2331	471	MOORE	13132050	4	May 21, 2017	2.14	2.54	2.14	100.0%
18840520	263	394	MOORE	13132050	4	May 21, 2017	0.22	0.26	0.22	100.0%
18840520	340	816	MOORE	13132050	4	May 21, 2017	0.36	0.43	0.36	100.0%
18840520	66	266	MOORE	13132050	4	May 21, 2017	0.02	0.02	0.02	100.0%

18840520	427	1	MOORE	13132050	4	May 21, 2017	1.06	1.26	1.06	100.0%
18840520	2331	463	MOORE	13132050	4	May 21, 2017	2.24	2.66	2.24	100.0%
18840520	2335	265	MOORE	13132050	4	May 21, 2017	0.88	1.05	0.88	100.0%
18840520	2332	753	MOORE	13132050	4	May 21, 2017	0.42	0.50	0.42	100.0%
18840520	96	451	MOORE	13132050	4	May 21, 2017	0.58	0.69	0.58	100.0%
18840520	2333	657	MOORE	13132050	4	May 21, 2017	1.02	1.21	1.02	100.0%
18840601	85	1585	MOORE	13132050	4	May 21, 2017	0.08	0.10	0.08	100.0%
18840601	263	395	MOORE	13132050	4	May 21, 2017	0.08	0.10	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	May 21, 2017	0.54	0.64	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	May 21, 2017	0.09	0.11	0.09	100.0%
18840601	96	453	MOORE	13132050	4	May 21, 2017	0.21	0.25	0.21	100.0%
18840601	15	131	MOORE	13132050	4	May 21, 2017	0.37	0.44	0.37	100.0%
18840601	151	1042	BURNETT	13127750	5	May 20, 2017	0.23	0.23	0.23	100.0%
18840601	138	441	BURNETT	13127750	5	May 20, 2017	0.04	0.04	0.04	100.0%
18840601	73	200	BURNETT	13127750	5	May 20, 2017	0.23	0.23	0.23	100.0%
18840601	73	199	BURNETT	13127750	5	May 20, 2017	0.37	0.37	0.37	100.0%
18840601	297	712	BURNETT	13127750	5	May 20, 2017	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 19, 2017	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 18, 2017	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 18, 2017	0.80	0.80	0.80	100.0%
18840715	115	323	MOORE	13132050	4	May 21, 2017	0.76	0.90	0.76	100.0%
18840715	15	799	MOORE	13132050	4	May 21, 2017	0.80	0.95	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	May 21, 2017	0.80	0.95	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 21, 2017	0.76	0.90	0.76	100.0%
18840715	417	1194	MOORE	13132050	4	May 21, 2017	1.20	1.43	1.20	100.0%
18840731	44	1131	MOORE	13132050	4	May 21, 2017	0.80	0.95	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	May 21, 2017	0.80	0.95	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 21, 2017	0.20	0.24	0.20	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 21, 2017	0.31	0.37	0.31	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 21, 2017	0.50	0.59	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	May 21, 2017	3.20	3.80	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 19, 2017	1.74	1.74	1.74	100.0%
18841012	70	341	MOORE	13132050	4	May 21, 2017	0.31	0.37	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	May 21, 2017	1.25	1.48	1.25	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 20, 2017	0.80	0.80	0.80	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 20, 2017	0.25	0.25	0.25	100.0%
18841012	524	11	SWAUGER	13127600	5	May 20, 2017	2.78	2.78	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 20, 2017	0.81	0.81	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 20, 2017	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	May 20, 2017	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 20, 2017	3.30	3.30	3.30	100.0%
18841012	347	1141	SHARP	13126500	6	May 19, 2017	1.06	1.06	1.06	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 20, 2017	0.61	0.61	0.61	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 20, 2017	0.79	0.79	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 20, 2017	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 20, 2017	2.00	2.00	2.00	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 20, 2017	0.96	0.96	0.96	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	May 21, 2017	2.00	2.38	2.00	100.0%
18850501	426	887	ARCO	13132365	2	May 21, 2017	0.64	1.06	0.64	100.0%
18850501	468	59	ARCO	13132365	2	May 21, 2017	0.74	1.22	0.74	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 18, 2017	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	May 18, 2017	0.50	0.50	0.50	100.0%
18850512	251	22	Upper Eastside &	13132101	2	May 21, 2017	0.58	0.69	0.58	100.0%
18850530	282	1190	SUTTER	13128105	5	May 20, 2017	0.20	0.20	0.20	100.0%
18850531	63	1354	MOORE	13132050	4	May 21, 2017	1.46	1.73	1.46	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 20, 2017	3.20	3.20	3.20	100.0%
18850601	15	859	MOORE	13132050	4	May 21, 2017	0.50	0.59	0.50	100.0%
18850601	212	315	DARLINGTON	13127735	5	May 20, 2017	0.94	0.94	0.94	100.0%
18850601	20	949	DARLINGTON	13127735	5	May 20, 2017	0.32	0.32	0.32	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 20, 2017	2.40	2.40	1.76	73.3%
18850601	525	1464	BURNETT	13127750	5	May 20, 2017	1.54	1.54	1.54	100.0%
18850601	405	1182	SHARP	13126500	6	May 19, 2017	0.04	0.04	0.04	100.0%
18850601	280	1183	SHARP	13126500	6	May 19, 2017	1.08	1.08	1.08	100.0%
18850601	544	1184	SHARP	13126500	6	May 19, 2017	0.58	0.58	0.58	100.0%

18850601	101	1201	NEILSEN	13120805	9	May 18, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 20, 2017	3.08	3.08	3.08	100.0%
18851002	468	61	ARCO	13132365	2	May 21, 2017	3.60	5.94	3.60	100.0%
18851002	93	726	ARCO	13132365	2	May 21, 2017	0.50	0.83	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	May 21, 2017	1.16	1.91	1.16	100.0%
18851002	437	62	ARCO	13132365	2	May 21, 2017	1.54	2.54	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 19, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 21, 2017	7.44	8.84	7.44	100.0%
18860501	305	927	3IN1	13130605	4	May 21, 2017	0.86	1.03	0.86	100.0%
18860501	417	1050	MOORE	13132050	4	May 21, 2017	2.80	3.33	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 21, 2017	1.20	1.43	1.20	100.0%
18860512	263	398	MOORE	13132050	4	May 21, 2017	0.18	0.21	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 21, 2017	0.48	0.57	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	May 21, 2017	0.18	0.21	0.18	100.0%
18860601	339	1010	MOORE	13132050	4	May 21, 2017	0.68	0.81	0.68	100.0%
18860601	16	1009	MOORE	13132050	4	May 21, 2017	2.52	2.99	2.52	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 19, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 19, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 21, 2017	1.20	1.43	1.20	100.0%
18860721	336	294	BURNETT	13127750	5	May 20, 2017	0.80	0.80	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 20, 2017	3.00	3.00	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 21, 2017	0.84	1.00	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 19, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 20, 2017	0.40	0.40	0.40	100.0%
18870313	70	337	MOORE	13132050	4	May 21, 2017	0.23	0.27	0.23	100.0%
18870313	433	683	MOORE	13132050	4	May 21, 2017	0.70	0.83	0.70	100.0%
18870313	73	202	BURNETT	13127750	5	May 20, 2017	0.65	0.65	0.65	100.0%
18870313	73	201	BURNETT	13127750	5	May 20, 2017	1.05	1.05	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 18, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 19, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	May 21, 2017	1.00	1.65	1.00	100.0%
18870601	305	1351	3IN1	13130605	4	May 21, 2017	1.00	1.19	1.00	100.0%
18870601	73	195	BURNETT	13127750	5	May 20, 2017	0.64	0.64	0.64	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 19, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 19, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 18, 2017	0.20	0.20	0.20	100.0%
18870630	323	945	BURNETT	13127750	5	May 20, 2017	0.80	0.80	0.80	100.0%
18880601	437	670	ARCO	13132365	2	May 21, 2017	0.33	0.54	0.33	100.0%
18880601	427	669	ARCO	13132365	2	May 21, 2017	0.81	1.33	0.81	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 20, 2017	0.98	0.98	0.98	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 20, 2017	0.37	0.37	0.37	100.0%
18880601	347	1138	SHARP	13126500	6	May 19, 2017	1.60	1.60	1.60	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 19, 2017	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	May 17, 2017	1.60	1.60	1.60	100.0%
18890601	441	205	MOORE	13132050	4	May 21, 2017	0.97	1.15	0.97	100.0%
18890601	599	1552	MOORE	13132050	4	May 21, 2017	0.32	0.38	0.32	100.0%
18890601	589	716	BURNETT	13127750	5	May 20, 2017	2.70	2.70	2.70	100.0%
18890601	336	979	BURNETT	13127750	5	May 20, 2017	0.36	0.36	0.36	100.0%
18890601	475	969	BURNETT	13127750	5	May 20, 2017	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	May 21, 2017	0.57	0.94	0.57	100.0%
18900601	372	886	ARCO	13132365	2	May 21, 2017	0.59	0.97	0.59	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 19, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 19, 2017	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 18, 2017	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 18, 2017	0.24	0.24	0.24	100.0%
18910630	44	1003	MOORE	13132050	4	May 21, 2017	0.76	0.90	0.76	100.0%
18910630	2332	1255	MOORE	13132050	4	May 21, 2017	0.26	0.31	0.26	100.0%
18910630	44	1253	MOORE	13132050	4	May 21, 2017	0.50	0.59	0.50	100.0%
18910630	2332	1254	MOORE	13132050	4	May 21, 2017	0.48	0.57	0.48	100.0%
18910801	307	77	CHILLY	13121105	9	May 18, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 19, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 19, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 21, 2017	0.22	0.26	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 19, 2017	0.74	0.74	0.74	100.0%

18940310	475	989	BURNETT	13127750	5	May 20, 2017	0.44	0.44	0.44	100.0%
18940310	265	1223	BURNETT	13127750	5	May 20, 2017	2.80	2.80	2.80	100.0%
18940310	386	268	SUTTER	13128105	5	May 20, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 18, 2017	2.60	2.60	2.60	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 21, 2017	3.20	3.80	0.19	5.8%
18940601	417	379	MOORE	13132050	4	May 21, 2017	0.15	0.18	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 20, 2017	0.11	0.11	0.11	100.0%
18940601	390	408	SHARP	13126500	6	May 19, 2017	0.03	0.03	0.03	100.0%
18940601	307	39	CHILLY	13121105	9	May 18, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 20, 2017	1.10	1.10	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 18, 2017	3.20	3.20	3.20	100.0%
18950601	417	378	MOORE	13132050	4	May 21, 2017	0.10	0.12	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 20, 2017	1.46	1.46	1.46	100.0%
18950601	445	411	NEILSEN	13120805	9	May 18, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 18, 2017	0.18	0.18	0.18	100.0%
18950630	265	1224	BURNETT	13127750	5	May 20, 2017	2.20	2.20	2.20	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 19, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	May 21, 2017	1.47	1.75	1.47	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 21, 2017	0.70	0.83	0.70	100.0%
18960601	263	397	MOORE	13132050	4	May 21, 2017	0.35	0.42	0.35	100.0%
18960601	417	381	MOORE	13132050	4	May 21, 2017	2.40	2.85	2.40	100.0%
18960601	263	399	MOORE	13132050	4	May 21, 2017	0.27	0.32	0.27	100.0%
18960601	417	992	MOORE	13132050	4	May 21, 2017	1.20	1.43	1.20	100.0%
18960601	339	1118	MOORE	13132050	4	May 21, 2017	1.57	1.86	1.57	100.0%
18960601	13	1119	MOORE	13132050	4	May 21, 2017	0.40	0.48	0.40	100.0%
18960601	85	1521	MOORE	13132050	4	May 21, 2017	0.23	0.27	0.23	100.0%
18960601	85	1522	MOORE	13132050	4	May 21, 2017	0.34	0.40	0.34	100.0%
18960601	15	1106	MOORE	13132050	4	May 21, 2017	1.17	1.39	1.17	100.0%
18960601	96	457	MOORE	13132050	4	May 21, 2017	0.92	1.09	0.92	100.0%
18960601	441	207	MOORE	13132050	4	May 21, 2017	1.00	1.19	1.00	100.0%
18960601	96	461	MOORE	13132050	4	May 21, 2017	0.73	0.87	0.73	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 19, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 21, 2017	2.00	3.30	2.00	100.0%
18960801	405	1185	SHARP	13126500	6	May 19, 2017	0.04	0.04	0.04	100.0%
18960901	427	672	ARCO	13132365	2	May 21, 2017	0.32	0.53	0.32	100.0%
18960901	437	671	ARCO	13132365	2	May 21, 2017	0.13	0.21	0.13	100.0%
18960928	407	307	MUNSEY	13132375	2	May 21, 2017	0.51	0.84	0.51	100.0%
18970510	427	6	ARCO	13132365	2	May 21, 2017	4.29	7.07	4.29	100.0%
18970510	437	664	ARCO	13132365	2	May 21, 2017	1.74	2.87	1.74	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 21, 2017	1.34	1.59	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 18, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 20, 2017	3.20	3.20	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 21, 2017	0.24	0.29	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 19, 2017	2.40	2.40	2.40	100.0%
18980601	437	1310	ARCO	13132365	2	May 21, 2017	0.68	1.12	0.68	100.0%
18980901	268	562	ARCO	13132365	2	May 21, 2017	1.57	2.59	1.57	100.0%
18980901	122	821	ARCO	13132365	2	May 21, 2017	0.10	0.17	0.10	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 19, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 19, 2017	0.50	0.50	0.50	100.0%
18990327	187	18	Lower Eastside &	13132291	2	May 21, 2017	0.03	0.03	0.03	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 21, 2017	0.84	1.00	0.84	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 21, 2017	0.29	0.34	0.29	100.0%
18990327	433	272	MOORE	13132050	4	May 21, 2017	0.48	0.57	0.48	100.0%
18990327	645	466	MOORE	13132050	4	May 21, 2017	0.05	0.06	0.05	100.0%
18990327	219	549	MOORE	13132050	4	May 21, 2017	0.17	0.20	0.17	100.0%
18990327	2331	469	MOORE	13132050	4	May 21, 2017	0.01	0.01	0.01	100.0%
18990327	2331	467	MOORE	13132050	4	May 21, 2017	0.60	0.71	0.60	100.0%
18990501	427	934	ARCO	13132365	2	May 21, 2017	0.26	0.43	0.26	100.0%
18990518	138	443	BURNETT	13127750	5	May 20, 2017	0.02	0.02	0.02	100.0%
18990518	151	1044	BURNETT	13127750	5	May 20, 2017	0.15	0.15	0.15	100.0%
18990601	201	705	SWAUGER	13127600	5	May 20, 2017	0.28	0.28	0.28	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 18, 2017	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 18, 2017	2.74	2.74	2.74	100.0%
19000601	386	270	SUTTER	13128105	5	May 20, 2017	0.08	0.08	0.08	100.0%

19001101	310	833	CHILLY	13121105	9	May 18, 2017	6.40	6.40	6.40	100.0%
19010722	427	926	ARCO	13132365	2	May 21, 2017	1.21	1.99	1.21	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 19, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 19, 2017	3.20	3.20	3.20	100.0%
19010901	433	685	MOORE	13132050	4	May 21, 2017	0.47	0.56	0.47	100.0%
19010901	70	339	MOORE	13132050	4	May 21, 2017	0.12	0.14	0.12	100.0%
19010901	138	439	BURNETT	13127750	5	May 20, 2017	0.02	0.02	0.02	100.0%
19010901	151	1039	BURNETT	13127750	5	May 20, 2017	0.04	0.04	0.04	100.0%
19011001	263	396	MOORE	13132050	4	May 21, 2017	0.10	0.12	0.10	100.0%
19011001	96	455	MOORE	13132050	4	May 21, 2017	0.30	0.36	0.30	100.0%
19011102	426	1159	ARCO	13132365	2	May 21, 2017	1.32	2.18	1.32	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 18, 2017	2.60	2.60	2.60	100.0%
19020301	13	1122	MOORE	13132050	4	May 21, 2017	0.31	0.36	0.31	100.0%
19020301	15	81	MOORE	13132050	4	May 21, 2017	0.76	0.90	0.76	100.0%
19020301	15	1121	MOORE	13132050	4	May 21, 2017	0.11	0.13	0.11	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 19, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 18, 2017	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	May 18, 2017	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	May 18, 2017	1.60	1.60	1.60	100.0%
19020301	307	834	CHILLY	13121105	9	May 18, 2017	0.40	0.40	0.40	100.0%
19020301	609	1492	CHILLY	13121105	9	May 18, 2017	2.40	2.40	2.40	100.0%
19020301	307	676	CHILLY	13121105	9	May 18, 2017	3.85	3.85	3.85	100.0%
19020301	364	952	CHILLY	13121105	9	May 18, 2017	3.20	3.20	3.20	100.0%
19020304	129	1062	CHILLY	13121105	9	May 18, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 18, 2017	0.70	0.70	0.70	100.0%
19020415	479	377	LONGHURST	13121505	9	May 18, 2017	2.40	2.40	2.40	100.0%
19020501	170	1008	MOORE	13132050	4	May 21, 2017	1.82	2.16	1.82	100.0%
19020501	310	631	CHILLY	13121105	9	May 18, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 17, 2017	0.62	0.62	0.62	100.0%
19020601	16	1014	MOORE	13132050	4	May 21, 2017	0.92	1.09	0.92	100.0%
19020601	339	1015	MOORE	13132050	4	May 21, 2017	0.66	0.78	0.66	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 19, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 18, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 18, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 19, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 19, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 21, 2017	1.46	1.73	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	May 20, 2017	0.08	0.08	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 20, 2017	0.02	0.02	0.02	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 19, 2017	0.40	0.40	0.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 19, 2017	0.13	0.13	0.13	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 18, 2017	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 18, 2017	0.62	0.62	0.62	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 18, 2017	0.82	0.82	0.82	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 18, 2017	3.00	3.00	3.00	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 18, 2017	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	May 18, 2017	1.30	1.30	1.30	100.0%
19050501	255	402	NEILSEN	13120805	9	May 18, 2017	0.50	0.50	0.50	100.0%
19050501	129	1063	CHILLY	13121105	9	May 18, 2017	0.80	0.80	0.80	100.0%
19050501	364	629	CHILLY	13121105	9	May 18, 2017	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	May 18, 2017	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	May 18, 2017	0.60	0.60	0.60	100.0%
19050501	310	115	CHILLY	13121105	9	May 18, 2017	1.32	1.32	1.32	100.0%
19050905	629	1499	HOWELL	13120490	10	May 17, 2017	2.58	2.58	2.58	100.0%
19081207	70	343	MOORE	13132050	4	May 21, 2017	0.17	0.20	0.17	100.0%
19100501	131	69	Donahue 1	13122230	8	May 19, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 19, 2017	5.50	5.50	5.50	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 18, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 18, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 19, 2017	1.20	1.20	1.20	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 18, 2017	0.01	0.01	0.01	100.0%
19120830	255	400	NEILSEN	13120805	9	May 18, 2017	0.03	0.03	0.03	100.0%
19131224	373	25	CHILLY	13121105	9	May 18, 2017	1.60	1.60	1.60	100.0%
19150504	373	434	CHILLY	13121105	9	May 18, 2017	0.20	0.20	0.20	100.0%

19160501	129	633	CHILLY	13121105	9	May 18, 2017	1.40	1.40	1.40	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 19, 2017	1.36	1.36	1.36	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 19, 2017	0.27	0.27	0.27	100.0%
19240806	417	695	MOORE	13132050	4	May 21, 2017	0.50	0.59	0.50	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 21, 2017	0.88	1.45	0.88	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 21, 2017	6.24	10.30	6.24	100.0%
19950203	476	1272	3IN1	13130605	4	May 21, 2017	30.00	35.63	30.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 21, 2017	10.34	12.28	10.34	100.0%
19950411	476	1273	BURNETT	13127750	5	May 20, 2017	15.28	15.28	15.28	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 18, 2017	5.95	5.95	5.95	100.0%
19950411	476	1273	CHILLY	13121105	9	May 18, 2017	13.85	13.85	13.85	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 19, 2017	10000.00	10000.00	792.12	7.9%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 18	1120.0	4.8		1124.8	0.00	1124.8	4.8	0.0		1120.0	0.0	
9	Howell to Chilly	May 19	3.9	136.9		-979.2	0.87	145.6	100.5	36.5		40.4	-36.5	
8	Chilly to Reservoir ***Disconnected***	* May 20	884.7	65.4		946.2	0.00	1091.8	64.5	0.9		922.1	-37.4	
7	Mackay Reservoir	* May 20	1443.0	0.0		884.7	0.00	960.3	613.7			346.7		
6	Reservoir to 2B	May 20	1430.0	13.0		0.0	0.00	950.7	9.6	3.4		337.1	1092.9	
5	2B to Leslie	May 21	1360.0	145.6		75.6	0.00	859.8	90.9	54.7		246.1	1113.9	
4	Leslie to Eastside In	May 22	838.6	156.6		-364.8	0.27	690.6	103.2	53.4		76.9	761.7	
2a	Eastside In To Weirs	* May 22	715.2	10.5	0.0	-112.9	0.13	668.1	12.1	-1.6		54.4	660.8	0.0
2b	Weirs To Eastside Out	* May 22	592.0	10.7	0.0	-112.5	0.16	649.5	10.0	0.7		35.9	556.1	0.0
2c	Eastside Out To Blw Muns	* May 22	518.6	73.4	0.0	0.0	0.00	613.7	35.9	37.5	0.0	0.0	518.6	0.0
1	Blw Munsey to Arco	May 22	421.0	0.0		-97.6	0.19	607.7	0.0	0.0		0.0	518.6	
3	River blw Moore Div	May 22	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
									* - Indicates flow estimated, not measured	TOTAL	1045.1	185.5	0.0	

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 18	0.0		20090101	6%	1	18800630	3.2	556.5	126.9	
9	Howell to Chilly	May 19	-979.2		20090101	6%	2	18810630	1.7	294.0	67.4	
8	Chilly to Reservoir ***Disconnected***	May 20	0.0		20090101	6%	3	18880601	3.2	556.5	126.9	
7	Mackay Reservoir	May 20	0.0		20090101	6%	4	18960601	6.4	1113.0	253.9	
6	Reservoir to 2B	May 20	0.0	0.0	20090101	6%	5	19020301	0.8	140.0	31.7	
5	2B to Leslie	May 21	0.0	0.0	20090101	6%	6	19051002	Unlimited	20646.0	20646.0	
4	Leslie to Eastside In	May 22	-66.0	-298.8	20090101	6%	7	19160207	Unlimited	17205.0	17205.0	
2a	Eastside In To Weirs	May 22	-10.4	-102.5	0.0	20090101	6%	8	19590902	Unlimited	6000.0	6000.0
2b	Weirs To Eastside Out	May 22	-8.6	-103.9	0.0	20090101	6%	9	Add Vol	Unlimited	200000.0	68153.2
2c	Eastside Out To Blw Muns	May 22	0.0	0.0	0.0	20090101	6%	10	Rotation	Unlimited	50000.0	0.0
1	Blw Munsey to Arco	May 22	0.0	-518.6	0.0	20090101	6%	TOTAL		296511.0	112611.2	
3	River blw Moore Div	May 22	0.0	0.0	20090101	6%						
TOTAL			-1064.1	-1023.9	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
24630.0	23510.0		-1120.0	-564.7	6.4	261.7	148.1	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	43911.2
Total Storage Loss	-30721.0
Total Storage Deliver	-5901.7
Total Evaporation	-258.8
Accounting Balance	23509.6
Current Res Content	23510.0
Storage Balance Error	-0.4

DAILY STORAGE BALANCE

24630.0 Reservoir Content Previous Day [ac-ft]
23510.0 Reservoir Content Current Day [ac-ft]
-1120.0 Physical Change in Storage [ac-ft]

1217.2 Storage Allocated to Mackay Reservoir [ac-ft]
-2030.9 Stored Flow Losses [ac-ft]
0.0 2B to Leslie [cfs]
-298.8 Leslie to Moore [cfs]
-725.1 Eastside [cfs]
0.0 River blw Moore [cfs]
-293.8 Storage Delivered [ac-ft]
3.4 Reservoir to 2B [cfs]
54.7 2B to Leslie [cfs]
53.4 Leslie to Moore [cfs]
36.6 Eastside to blw Munsey [cfs]
-12.6 Evaporation [ac-ft]
-1120.1 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

960.3 Natural Flow into Mackay Reservoir [cfs]

613.7 Reservoir Rights Diverted [cfs]
79.3 Natural Flow Losses below Reservoir [cfs]
0.0 2B to Leslie [cfs]
-66.0 Leslie to Moore [cfs]
-13.3 Eastside as River [cfs]
267.3 Natural Flow Delivered [cfs]
9.6 Reservoir to 2B [cfs]
90.9 2B to Leslie [cfs]
103.2 Leslie to Moore [cfs]
63.6 Eastside to blw Munsey [cfs]
960.3 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	838.6			10.5	-1.6	357.6	357.6	-112.9	13.5%	715.2
Natural Flow	76.9			12.1	-1.9			-10.4		54.4
Stored Flow	761.7			-1.6	0.3			-102.5		660.8
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	357.6	357.6		10.7	-4.0	592.0	-112.5	15.7%	-219.8
Natural Flow				10.0	-3.7	35.9	-8.6		-13.3
Stored Flow				0.7	-0.3	556.1	-103.9		-206.5
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	592.0		518.6	73.4
Natural Flow	35.9		0.0	35.9
Stored Flow	556.1		518.6	37.5
Exchange Flow	0.0		0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060			13132350
Actual Flow	26.8	811.8	12.7	702.5	592.0
Natural Flow	27.7	49.2	11.8	42.6	35.9
Stored Flow	-0.9	762.6	0.9	659.9	556.1
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	13.0	3.4	59.9
9 KENT	5.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	27.0	8.3	186.4
9 BITTON	0.0	5.0	39.7	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	4.0	4.0	129.9	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	20.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	113.1	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	66.6	19.5	897.2
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	0.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	959.9
9 NEILSEN	31.0	0.9	150.2	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	2.5	0.0	11.9	5 SUTTER	6.0	2.7	64.3
9 CHILLY	61.0	0.0	214.2	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	0.0	0.0	432.7
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	22.6	179.3	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	4.8	4 3IN1	36.6	4.7	223.1
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	120.0	48.7	1737.1
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	32.6	2 EASTSIDE FHDiv	26.8	-0.9	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	47.6	556.1	15515.1
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.2	0.0	0.0	2 MUNSEY	25.8	556.1	15515.1
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	1.0	0.0	20.7	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 19, 2017	5.20	5.20	5.20	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 20, 2017	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 20, 2017	0.59	0.59	0.59	100.0%
18800601	93	723	ARCO	13132365	2	May 22, 2017	0.04	0.07	0.04	100.0%
18800601	370	530	ARCO	13132365	2	May 22, 2017	0.15	0.28	0.15	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 20, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 20, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 20, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 20, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 20, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 19, 2017	1.20	1.20	1.20	100.0%
18830601	645	464	MOORE	13132050	4	May 22, 2017	0.11	0.15	0.11	100.0%
18830601	106	1082	MOORE	13132050	4	May 22, 2017	1.44	1.97	1.44	100.0%
18830601	2331	465	MOORE	13132050	4	May 22, 2017	0.79	1.08	0.79	100.0%
18830810	96	449	MOORE	13132050	4	May 22, 2017	0.48	0.66	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	May 22, 2017	1.50	2.05	1.50	100.0%
18830810	263	393	MOORE	13132050	4	May 22, 2017	0.18	0.25	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 21, 2017	0.68	0.68	0.68	100.0%
18840422	433	1427	MOORE	13132050	4	May 22, 2017	0.14	0.19	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	May 21, 2017	0.93	0.93	0.93	100.0%
18840422	585	951	SWAUGER	13127600	5	May 21, 2017	0.18	0.18	0.18	100.0%
18840422	201	83	SWAUGER	13127600	5	May 21, 2017	1.12	1.12	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 21, 2017	0.07	0.07	0.07	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 21, 2017	0.20	0.20	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 21, 2017	1.44	1.44	1.44	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 21, 2017	0.96	0.96	0.96	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 21, 2017	2.17	2.17	2.17	100.0%
18840422	336	1390	BURNETT	13127750	5	May 21, 2017	0.50	0.50	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	May 21, 2017	1.92	1.92	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	May 21, 2017	2.00	2.00	2.00	100.0%
18840422	2525	407	SHARP	13126500	6	May 20, 2017	0.08	0.08	0.08	100.0%
18840422	24	120	SHARP	13126500	6	May 20, 2017	0.08	0.08	0.08	100.0%
18840422	544	1067	SHARP	13126500	6	May 20, 2017	1.00	1.00	1.00	100.0%
18840422	397	10	SHARP	13126500	6	May 20, 2017	0.12	0.12	0.12	100.0%
18840422	390	406	SHARP	13126500	6	May 20, 2017	0.09	0.09	0.09	100.0%
18840422	347	938	SHARP	13126500	6	May 20, 2017	3.07	3.07	3.07	100.0%
18840422	632	1539	SHARP	13126500	6	May 20, 2017	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	May 20, 2017	0.64	0.64	0.64	100.0%
18840430	73	194	BURNETT	13127750	5	May 21, 2017	0.77	0.77	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	May 21, 2017	1.22	1.22	1.22	100.0%
18840430	73	193	BURNETT	13127750	5	May 21, 2017	1.23	1.23	1.23	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 20, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 20, 2017	0.22	0.22	0.22	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 22, 2017	0.16	0.22	0.16	100.0%
18840520	187	1441	Lower Eastside &	13132291	2	May 22, 2017	0.01	0.01	0.01	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 22, 2017	1.15	1.57	1.15	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 22, 2017	0.18	0.25	0.18	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 22, 2017	0.80	1.09	0.80	100.0%
18840520	433	271	MOORE	13132050	4	May 22, 2017	0.54	0.74	0.54	100.0%
18840520	2333	657	MOORE	13132050	4	May 22, 2017	0.96	1.31	0.96	100.0%
18840520	340	816	MOORE	13132050	4	May 22, 2017	0.34	0.46	0.34	100.0%
18840520	2335	265	MOORE	13132050	4	May 22, 2017	0.82	1.12	0.82	100.0%
18840520	2332	752	MOORE	13132050	4	May 22, 2017	0.36	0.49	0.36	100.0%
18840520	2332	753	MOORE	13132050	4	May 22, 2017	0.42	0.57	0.42	100.0%
18840520	427	1	MOORE	13132050	4	May 22, 2017	1.00	1.37	1.00	100.0%
18840520	2331	471	MOORE	13132050	4	May 22, 2017	2.14	2.92	2.14	100.0%
18840520	96	451	MOORE	13132050	4	May 22, 2017	0.58	0.79	0.58	100.0%
18840520	645	462	MOORE	13132050	4	May 22, 2017	0.32	0.44	0.32	100.0%
18840520	66	266	MOORE	13132050	4	May 22, 2017	0.02	0.03	0.02	100.0%

18840520	263	394	MOORE	13132050	4	May 22, 2017	0.22	0.30	0.22	100.0%
18840520	219	547	MOORE	13132050	4	May 22, 2017	1.15	1.57	1.15	100.0%
18840520	2331	463	MOORE	13132050	4	May 22, 2017	2.24	3.06	2.24	100.0%
18840601	15	131	MOORE	13132050	4	May 22, 2017	0.37	0.50	0.37	100.0%
18840601	263	395	MOORE	13132050	4	May 22, 2017	0.08	0.11	0.08	100.0%
18840601	96	453	MOORE	13132050	4	May 22, 2017	0.21	0.29	0.21	100.0%
18840601	138	441	BURNETT	13127750	5	May 21, 2017	0.04	0.04	0.04	100.0%
18840601	73	199	BURNETT	13127750	5	May 21, 2017	0.37	0.37	0.37	100.0%
18840601	297	712	BURNETT	13127750	5	May 21, 2017	0.80	0.80	0.80	100.0%
18840601	151	1042	BURNETT	13127750	5	May 21, 2017	0.23	0.23	0.23	100.0%
18840601	73	200	BURNETT	13127750	5	May 21, 2017	0.23	0.23	0.23	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 20, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 19, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 19, 2017	0.40	0.40	0.40	100.0%
18840715	115	323	MOORE	13132050	4	May 22, 2017	0.72	0.98	0.72	100.0%
18840715	44	1005	MOORE	13132050	4	May 22, 2017	0.80	1.09	0.80	100.0%
18840715	15	799	MOORE	13132050	4	May 22, 2017	0.80	1.09	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 22, 2017	0.72	0.98	0.72	100.0%
18840715	417	1194	MOORE	13132050	4	May 22, 2017	1.20	1.64	1.20	100.0%
18840731	44	1131	MOORE	13132050	4	May 22, 2017	0.80	1.09	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	May 22, 2017	0.80	1.09	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 22, 2017	0.20	0.27	0.20	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 22, 2017	0.50	0.68	0.50	100.0%
18840831	180	276	Upper Eastside &	13132101	2	May 22, 2017	1.31	1.79	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	May 22, 2017	3.20	4.37	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 20, 2017	1.74	1.74	1.74	100.0%
18841012	70	341	MOORE	13132050	4	May 22, 2017	0.31	0.42	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	May 22, 2017	1.25	1.71	1.25	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 21, 2017	2.77	2.77	2.77	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 21, 2017	0.80	0.80	0.80	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 21, 2017	0.25	0.25	0.25	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 21, 2017	3.30	3.30	3.30	100.0%
18841012	317	385	SWAUGER	13127600	5	May 21, 2017	0.74	0.74	0.74	100.0%
18841012	524	11	SWAUGER	13127600	5	May 21, 2017	2.78	2.78	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 21, 2017	0.81	0.81	0.81	100.0%
18841012	347	1141	SHARP	13126500	6	May 20, 2017	0.81	0.81	0.81	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 21, 2017	2.00	2.00	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 21, 2017	0.61	0.61	0.61	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 21, 2017	0.79	0.79	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 21, 2017	1.10	1.10	1.10	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 21, 2017	1.65	1.65	1.65	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	May 22, 2017	1.96	2.68	1.96	100.0%
18850501	468	59	ARCO	13132365	2	May 22, 2017	0.74	1.39	0.74	100.0%
18850501	426	887	ARCO	13132365	2	May 22, 2017	0.64	1.20	0.64	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 19, 2017	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	May 19, 2017	0.50	0.50	0.50	100.0%
18850512	251	22	Upper Eastside &	13132101	2	May 22, 2017	0.42	0.57	0.42	100.0%
18850530	282	1190	SUTTER	13128105	5	May 21, 2017	0.20	0.20	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	May 22, 2017	3.06	4.18	3.06	100.0%
18850531	63	1354	MOORE	13132050	4	May 22, 2017	1.38	1.89	1.38	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 21, 2017	3.20	3.20	3.20	100.0%
18850601	15	859	MOORE	13132050	4	May 22, 2017	0.50	0.68	0.50	100.0%
18850601	212	315	DARLINGTON	13127735	5	May 21, 2017	0.94	0.94	0.94	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 21, 2017	2.60	2.60	2.60	100.0%
18850601	20	949	DARLINGTON	13127735	5	May 21, 2017	0.40	0.40	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	May 21, 2017	1.54	1.54	1.54	100.0%
18850601	405	1182	SHARP	13126500	6	May 20, 2017	0.04	0.04	0.04	100.0%
18850601	544	1184	SHARP	13126500	6	May 20, 2017	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	May 20, 2017	1.16	1.16	1.16	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 19, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 21, 2017	3.08	3.08	3.08	100.0%
18851002	468	61	ARCO	13132365	2	May 22, 2017	3.60	6.75	3.60	100.0%
18851002	93	726	ARCO	13132365	2	May 22, 2017	0.50	0.94	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	May 22, 2017	1.16	2.17	1.16	100.0%

18851002	437	62	ARCO	13132365	2	May 22, 2017	1.54	2.89	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 20, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 22, 2017	5.48	7.49	5.48	100.0%
18860501	305	927	3IN1	13130605	4	May 22, 2017	0.86	1.18	0.86	100.0%
18860501	417	644	MOORE	13132050	4	May 22, 2017	1.20	1.64	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 22, 2017	2.80	3.83	2.80	100.0%
18860512	263	398	MOORE	13132050	4	May 22, 2017	0.18	0.25	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 22, 2017	0.48	0.66	0.48	100.0%
18860601	339	1010	MOORE	13132050	4	May 22, 2017	0.68	0.93	0.68	100.0%
18860601	16	1009	MOORE	13132050	4	May 22, 2017	2.52	3.44	2.52	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 20, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 20, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 22, 2017	1.10	1.50	1.10	100.0%
18860721	336	294	BURNETT	13127750	5	May 21, 2017	0.80	0.80	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 21, 2017	3.00	3.00	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 22, 2017	0.78	1.07	0.78	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 20, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 21, 2017	0.78	0.78	0.78	100.0%
18870313	433	683	MOORE	13132050	4	May 22, 2017	0.70	0.96	0.70	100.0%
18870313	70	337	MOORE	13132050	4	May 22, 2017	0.23	0.31	0.23	100.0%
18870313	73	201	BURNETT	13127750	5	May 21, 2017	1.05	1.05	1.05	100.0%
18870313	73	202	BURNETT	13127750	5	May 21, 2017	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 19, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 20, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	May 22, 2017	2.60	4.87	2.60	100.0%
18870601	305	1351	3IN1	13130605	4	May 22, 2017	1.00	1.37	1.00	100.0%
18870601	252	353	DARLINGTON	13127735	5	May 21, 2017	0.43	0.43	0.43	100.0%
18870601	73	195	BURNETT	13127750	5	May 21, 2017	0.92	0.92	0.92	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 20, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 20, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 19, 2017	0.20	0.20	0.20	100.0%
18870630	323	945	BURNETT	13127750	5	May 21, 2017	0.80	0.80	0.80	100.0%
18880601	223	889	Upper Eastside &	13132101	2	May 22, 2017	2.14	2.92	2.14	100.0%
18880601	427	669	ARCO	13132365	2	May 22, 2017	0.81	1.51	0.81	100.0%
18880601	437	670	ARCO	13132365	2	May 22, 2017	0.33	0.62	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 21, 2017	0.98	0.98	0.98	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 21, 2017	0.37	0.37	0.37	100.0%
18880601	347	1138	SHARP	13126500	6	May 20, 2017	1.23	1.23	1.23	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 20, 2017	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	May 18, 2017	1.60	1.60	1.60	100.0%
18890601	599	1552	MOORE	13132050	4	May 22, 2017	0.30	0.41	0.30	100.0%
18890601	652	1566	MOORE	13132050	4	May 22, 2017	0.50	0.68	0.50	100.0%
18890601	463	1396	MOORE	13132050	4	May 22, 2017	0.20	0.27	0.20	100.0%
18890601	441	205	MOORE	13132050	4	May 22, 2017	0.97	1.33	0.97	100.0%
18890601	336	979	BURNETT	13127750	5	May 21, 2017	0.46	0.46	0.46	100.0%
18890601	589	716	BURNETT	13127750	5	May 21, 2017	2.70	2.70	2.70	100.0%
18890601	475	969	BURNETT	13127750	5	May 21, 2017	1.20	1.20	1.20	100.0%
18900601	426	756	ARCO	13132365	2	May 22, 2017	0.57	1.07	0.57	100.0%
18900601	372	886	ARCO	13132365	2	May 22, 2017	0.59	1.11	0.59	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 20, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 20, 2017	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 19, 2017	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 19, 2017	0.24	0.24	0.24	100.0%
18910630	2332	1254	MOORE	13132050	4	May 22, 2017	0.48	0.66	0.48	100.0%
18910630	2332	1255	MOORE	13132050	4	May 22, 2017	0.26	0.36	0.26	100.0%
18910801	307	77	CHILLY	13121105	9	May 19, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 20, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 20, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 22, 2017	0.22	0.30	0.22	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 20, 2017	0.74	0.74	0.74	100.0%
18940310	265	1223	BURNETT	13127750	5	May 21, 2017	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 21, 2017	0.44	0.44	0.44	100.0%
18940310	386	268	SUTTER	13128105	5	May 21, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 19, 2017	2.60	2.60	2.60	100.0%

18940501	575	1372	Broken River Pum	13124050	8	May 20, 2017	2.50	2.50	2.50	100.0%
18940521	463	933	MOORE	13132050	4	May 22, 2017	0.80	1.09	0.80	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 22, 2017	3.20	4.37	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 22, 2017	0.15	0.20	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 21, 2017	0.11	0.11	0.11	100.0%
18940601	390	408	SHARP	13126500	6	May 20, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 19, 2017	1.20	1.20	1.20	100.0%
18940926	381	866	DARLINGTON	13127735	5	May 21, 2017	0.38	0.38	0.38	100.0%
18940926	252	357	DARLINGTON	13127735	5	May 21, 2017	0.30	0.30	0.30	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 21, 2017	1.10	1.10	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 19, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	May 22, 2017	0.80	1.09	0.35	43.9%
18950601	417	378	MOORE	13132050	4	May 22, 2017	0.10	0.14	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 21, 2017	1.70	1.70	1.70	100.0%
18950601	445	410	NEILSEN	13120805	9	May 19, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 19, 2017	0.02	0.02	0.02	100.0%
18950630	265	1224	BURNETT	13127750	5	May 21, 2017	2.48	2.48	2.48	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 20, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	May 22, 2017	1.47	2.01	1.47	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 22, 2017	0.70	0.96	0.70	100.0%
18960601	13	1119	MOORE	13132050	4	May 22, 2017	0.40	0.55	0.40	100.0%
18960601	263	399	MOORE	13132050	4	May 22, 2017	0.27	0.37	0.27	100.0%
18960601	417	381	MOORE	13132050	4	May 22, 2017	2.40	3.28	2.40	100.0%
18960601	96	461	MOORE	13132050	4	May 22, 2017	0.73	1.00	0.73	100.0%
18960601	15	1106	MOORE	13132050	4	May 22, 2017	1.17	1.60	1.17	100.0%
18960601	339	1118	MOORE	13132050	4	May 22, 2017	1.57	2.15	1.57	100.0%
18960601	652	1567	MOORE	13132050	4	May 22, 2017	0.54	0.74	0.54	100.0%
18960601	441	207	MOORE	13132050	4	May 22, 2017	1.00	1.37	1.00	100.0%
18960601	96	457	MOORE	13132050	4	May 22, 2017	0.92	1.26	0.92	100.0%
18960601	417	992	MOORE	13132050	4	May 22, 2017	1.20	1.64	1.20	100.0%
18960601	263	397	MOORE	13132050	4	May 22, 2017	0.35	0.48	0.35	100.0%
18960601	463	128	MOORE	13132050	4	May 22, 2017	1.60	2.19	1.60	100.0%
18960601	252	359	DARLINGTON	13127735	5	May 21, 2017	0.89	0.89	0.83	93.3%
18960601	56	118	MACKAY DAM	13126000	7	May 20, 2017	6.40	6.40	6.40	100.0%
18960801	544	1187	SHARP	13126500	6	May 20, 2017	0.06	0.06	0.06	100.0%
18960801	280	1186	SHARP	13126500	6	May 20, 2017	0.20	0.20	0.20	100.0%
18960801	405	1185	SHARP	13126500	6	May 20, 2017	0.06	0.06	0.06	100.0%
18960901	437	671	ARCO	13132365	2	May 22, 2017	0.13	0.24	0.13	100.0%
18960901	427	672	ARCO	13132365	2	May 22, 2017	0.32	0.60	0.32	100.0%
18960928	150	215	MUNSEY	13132375	2	May 22, 2017	1.97	3.69	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	May 22, 2017	0.03	0.06	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	May 22, 2017	0.42	0.79	0.42	100.0%
18960928	319	1175	MUNSEY	13132375	2	May 22, 2017	0.07	0.12	0.07	100.0%
18970510	427	6	ARCO	13132365	2	May 22, 2017	3.83	7.18	3.83	100.0%
18970510	437	664	ARCO	13132365	2	May 22, 2017	1.74	3.26	1.74	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 22, 2017	1.34	1.84	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 19, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 21, 2017	3.20	3.20	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 22, 2017	0.24	0.33	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 20, 2017	2.40	2.40	2.40	100.0%
18980601	437	1310	ARCO	13132365	2	May 22, 2017	1.60	3.00	1.60	100.0%
18980901	268	562	ARCO	13132365	2	May 22, 2017	1.57	2.94	1.57	100.0%
18980901	122	821	ARCO	13132365	2	May 22, 2017	0.10	0.19	0.10	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 20, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 20, 2017	0.50	0.50	0.50	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 22, 2017	0.84	1.15	0.84	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 22, 2017	0.29	0.40	0.29	100.0%
18990327	433	272	MOORE	13132050	4	May 22, 2017	0.48	0.66	0.48	100.0%
18990327	2331	467	MOORE	13132050	4	May 22, 2017	0.27	0.37	0.27	100.0%
18990327	219	549	MOORE	13132050	4	May 22, 2017	0.09	0.12	0.09	100.0%
18990327	645	466	MOORE	13132050	4	May 22, 2017	0.05	0.07	0.05	100.0%
18990518	151	1044	BURNETT	13127750	5	May 21, 2017	0.15	0.15	0.15	100.0%
18990518	138	443	BURNETT	13127750	5	May 21, 2017	0.02	0.02	0.02	100.0%
18990601	201	705	SWAUGER	13127600	5	May 21, 2017	0.28	0.28	0.28	100.0%

18990601	130	1076	NEILSEN	13120805	9	May 19, 2017	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 19, 2017	2.74	2.74	2.74	100.0%
19000601	386	270	SUTTER	13128105	5	May 21, 2017	0.08	0.08	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 19, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 20, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 20, 2017	3.20	3.20	3.20	100.0%
19010901	319	1512	MUNSEY	13132375	2	May 22, 2017	0.15	0.29	0.15	100.0%
19010901	70	339	MOORE	13132050	4	May 22, 2017	0.12	0.16	0.12	100.0%
19010901	433	685	MOORE	13132050	4	May 22, 2017	0.33	0.45	0.33	100.0%
19010901	151	1039	BURNETT	13127750	5	May 21, 2017	0.06	0.06	0.06	100.0%
19010901	138	439	BURNETT	13127750	5	May 21, 2017	0.02	0.02	0.02	100.0%
19011001	96	455	MOORE	13132050	4	May 22, 2017	0.08	0.11	0.08	100.0%
19011001	263	396	MOORE	13132050	4	May 22, 2017	0.02	0.03	0.02	100.0%
19011102	426	1159	ARCO	13132365	2	May 22, 2017	1.32	2.47	1.32	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 19, 2017	2.60	2.60	2.60	100.0%
19020301	15	81	MOORE	13132050	4	May 22, 2017	0.64	0.88	0.64	100.0%
19020301	13	1122	MOORE	13132050	4	May 22, 2017	0.31	0.42	0.31	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 20, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 19, 2017	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	May 19, 2017	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	May 19, 2017	2.40	2.40	2.40	100.0%
19020301	310	836	CHILLY	13121105	9	May 19, 2017	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	May 19, 2017	1.60	1.60	1.60	100.0%
19020301	307	834	CHILLY	13121105	9	May 19, 2017	0.40	0.40	0.40	100.0%
19020301	307	676	CHILLY	13121105	9	May 19, 2017	3.85	3.85	3.85	100.0%
19020304	129	1062	CHILLY	13121105	9	May 19, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 19, 2017	0.70	0.70	0.70	100.0%
19020415	479	377	LONGHURST	13121505	9	May 19, 2017	2.40	2.40	2.40	100.0%
19020501	170	1008	MOORE	13132050	4	May 22, 2017	1.72	2.35	1.72	100.0%
19020501	310	631	CHILLY	13121105	9	May 19, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 18, 2017	0.62	0.62	0.62	100.0%
19020601	339	1015	MOORE	13132050	4	May 22, 2017	0.66	0.90	0.66	100.0%
19020601	16	1014	MOORE	13132050	4	May 22, 2017	0.92	1.26	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 20, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 19, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 19, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 20, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 20, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 22, 2017	1.46	2.00	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	May 21, 2017	0.08	0.08	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 21, 2017	0.02	0.02	0.02	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 20, 2017	0.40	0.40	0.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 20, 2017	0.13	0.13	0.13	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 19, 2017	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 19, 2017	0.62	0.62	0.62	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 19, 2017	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	May 19, 2017	1.30	1.30	1.30	100.0%
19050501	255	402	NEILSEN	13120805	9	May 19, 2017	0.50	0.50	0.50	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 19, 2017	3.00	3.00	3.00	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 19, 2017	0.65	0.65	0.65	100.0%
19050501	129	1063	CHILLY	13121105	9	May 19, 2017	0.80	0.80	0.80	100.0%
19050501	364	690	CHILLY	13121105	9	May 19, 2017	0.60	0.60	0.60	100.0%
19050501	364	629	CHILLY	13121105	9	May 19, 2017	0.40	0.40	0.40	100.0%
19050501	310	115	CHILLY	13121105	9	May 19, 2017	1.32	1.32	1.32	100.0%
19050501	373	432	CHILLY	13121105	9	May 19, 2017	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	May 18, 2017	2.58	2.58	2.58	100.0%
19081207	70	343	MOORE	13132050	4	May 22, 2017	0.14	0.19	0.14	100.0%
19100501	131	69	Donahue 1	13122230	8	May 20, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 20, 2017	5.50	5.50	5.50	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 19, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 19, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 20, 2017	1.20	1.20	1.20	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 19, 2017	0.01	0.01	0.01	100.0%
19120830	255	400	NEILSEN	13120805	9	May 19, 2017	0.03	0.03	0.03	100.0%

19131224	373	25	CHILLY	13121105	9	May 19, 2017	1.60	1.60	1.60	100.0%
19150504	373	434	CHILLY	13121105	9	May 19, 2017	0.20	0.20	0.20	100.0%
19160501	129	633	CHILLY	13121105	9	May 19, 2017	1.40	1.40	1.40	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 20, 2017	1.36	1.36	1.36	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 20, 2017	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	May 22, 2017	0.30	0.56	0.30	100.0%
19240806	417	695	MOORE	13132050	4	May 22, 2017	0.50	0.68	0.50	100.0%
19440508	437	737	ARCO	13132365	2	May 22, 2017	0.40	0.75	0.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 22, 2017	8.66	16.23	8.66	100.0%
19950203	476	1272	3IN1	13130605	4	May 22, 2017	30.00	41.00	30.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 22, 2017	9.74	13.31	9.74	100.0%
19950411	476	1273	BURNETT	13127750	5	May 21, 2017	16.12	16.12	16.12	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 19, 2017	5.95	5.95	5.95	100.0%
19950411	476	1273	CHILLY	13121105	9	May 19, 2017	13.85	13.85	13.85	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 20, 2017	10000.00	10000.00	598.37	6.0%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 19	1000.0	4.8		1004.8	0.00	1004.8	4.8	0.0		1000.0	0.0	
9	Howell to Chilly	May 20	3.6	136.9		-859.5	0.86	145.3	100.5	36.5		40.1	-36.5	
8	Chilly to Reservoir	* May 21	925.5	110.7		1032.6	0.00	1177.9	64.5	46.2		1008.2	-82.7	
	Disconnected													
7	Mackay Reservoir	* May 21	1543.0	0.0		925.5	0.00	925.5	548.1			377.4		
6	Reservoir to 2B	May 21	1530.0	13.0		0.0	0.00	915.9	9.6	3.4		367.8	1162.2	
5	2B to Leslie	May 22	1320.0	146.6		-63.4	0.04	809.9	90.8	55.9		261.8	1058.2	
4	Leslie to Eastside In	May 23	839.5	178.6		-301.9	0.23	632.8	117.2	61.4		84.7	754.8	
2a	Eastside In To Weirs	* May 23	712.6	15.4	0.0	-111.5	0.13	605.4	16.2	-0.8		57.3	655.3	0.0
2b	Weirs To Eastside Out	* May 23	585.6	11.5	0.0	-115.5	0.16	585.5	10.6	0.9		37.4	548.2	0.0
2c	Eastside Out To Blw Muns	* May 23	501.6	84.0	0.0	0.0	0.00	548.1	37.4	46.6	0.0	0.0	501.6	0.0
1	Blw Munsey to Arco	May 23	410.0	0.0		-91.6	0.18	540.9	0.0	0.0		0.0	501.6	
3	River blw Moore Div	May 23	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	999.6	250.1	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 19	0.0		20090101	5%	1	18800630	3.2	556.5	133.3	
9	Howell to Chilly	May 20	-859.5		20090101	5%	2	18810630	1.7	294.0	70.8	
8	Chilly to Reservoir	May 21	0.0		20090101	5%	3	18880601	3.2	556.5	133.3	
	Disconnected						4	18960601	6.4	1113.0	266.6	
7	Mackay Reservoir	May 21	0.0		20090101	5%	5	19020301	0.8	140.0	33.3	
6	Reservoir to 2B	May 21	0.0	0.0	20090101	5%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 22	-15.2	-48.1	20090101	5%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 23	-59.9	-242.0	20090101	5%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 23	-11.3	-100.2	0.0	20090101	5%	9	Add Vol	Unlimited	200000.0	69210.0
2b	Weirs To Eastside Out	May 23	-9.3	-106.2	0.0	20090101	5%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 23	0.0	0.0	0.0	20090101	5%		TOTAL		296511.0	113698.3
1	Blw Munsey to Arco	May 23	0.0	-501.6	0.0	20090101	5%					
3	River blw Moore Div	May 23	0.0	0.0		20090101	5%					
	TOTAL		-955.1	-997.9	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
23510.0	22270.0		-1240.0	-625.2	7.7	281.8	167.6	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	44998.3
Total Storage Loss	-32700.4
Total Storage Deliver	-6234.1
Total Evaporation	-274.1
Accounting Balance	<u>22269.7</u>
Current Res Content	22270.0
Storage Balance Error	-0.3

DAILY STORAGE BALANCE

23510.0 Reservoir Content Previous Day [ac-ft]
22270.0 Reservoir Content Current Day [ac-ft]
-1240.0 Physical Change in Storage [ac-ft]

1087.2 Storage Allocated to Mackay Reservoir [ac-ft]
-1979.5 Stored Flow Losses [ac-ft]
-48.1 2B to Leslie [cfs]
-242.0 Leslie to Moore [cfs]
-707.9 Eastside [cfs]
0.0 River blw Moore [cfs]
-332.4 Storage Delivered [ac-ft]
3.4 Reservoir to 2B [cfs]
55.9 2B to Leslie [cfs]
61.4 Leslie to Moore [cfs]
46.9 Eastside to blw Munsey [cfs]
-15.2 Evaporation [ac-ft]
-1239.9 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

925.5 Natural Flow into Mackay Reservoir [cfs]

548.1 Reservoir Rights Diverted [cfs]
89.2 Natural Flow Losses below Reservoir [cfs]
-15.2 2B to Leslie [cfs]
-59.9 Leslie to Moore [cfs]
-14.1 Eastside as River [cfs]
288.3 Natural Flow Delivered [cfs]
9.6 Reservoir to 2B [cfs]
90.8 2B to Leslie [cfs]
117.2 Leslie to Moore [cfs]
70.7 Eastside to blw Munsey [cfs]
925.6 Natural Flow Delivered & Lost [cfs]

-0.1 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	839.5			15.4	-2.4	356.3	356.3	-111.5	13.3%	712.6
Natural Flow	84.7			16.2	-2.5			-11.3		57.3
Stored Flow	754.8			-0.8	0.1			-100.2		655.3
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	356.3	356.3		11.5	-4.3	585.6	-115.5	16.2%	-220.3
Natural Flow				10.6	-4.0	37.4	-9.3		-14.1
Stored Flow				0.9	-0.3	548.2	-106.2		-206.2
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	585.6		84.0	501.6
Natural Flow	37.4		37.4	0.0
Stored Flow	548.2		46.6	501.6
Exchange Flow	0.0		0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	33.6	805.9	13.7	698.9	585.6
Natural Flow	33.3	51.5	12.7	44.6	37.4
Stored Flow	0.3	754.4	1.1	654.2	548.2
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	13.0	3.4	66.7
9 KENT	5.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	28.0	9.5	205.2
9 BITTON	0.0	5.0	49.6	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	4.0	4.0	137.9	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	20.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	121.0	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	66.6	19.5	936.0
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	0.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	1008.0
9 NEILSEN	31.0	0.9	151.9	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	2.5	0.0	11.9	5 SUTTER	6.0	2.7	69.6
9 CHILLY	61.0	0.0	214.2	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	0.0	0.0	432.7
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	22.6	224.1	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	4.8	4 3IN1	38.6	4.7	232.5
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	140.0	56.7	1849.5
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	50.3	46.2	124.2	2 EASTSIDE FHDiv	33.6	0.3	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	47.5	548.2	16602.4
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.2	0.0	0.0	2 MUNSEY	36.5	548.2	16602.4
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	1.0	0.0	20.7	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 20, 2017	5.20	5.20	5.20	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 21, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 21, 2017	0.01	0.01	0.01	100.0%
18800601	370	530	ARCO	13132365	2	May 23, 2017	0.15	0.28	0.15	100.0%
18800601	93	723	ARCO	13132365	2	May 23, 2017	0.04	0.07	0.04	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 21, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 21, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 21, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 21, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 21, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 20, 2017	1.20	1.20	1.20	100.0%
18830601	2331	465	MOORE	13132050	4	May 23, 2017	0.79	1.07	0.79	100.0%
18830601	645	464	MOORE	13132050	4	May 23, 2017	0.11	0.15	0.11	100.0%
18830601	106	1082	MOORE	13132050	4	May 23, 2017	1.44	1.95	1.44	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	May 23, 2017	0.21	0.29	0.21	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 23, 2017	0.43	0.58	0.43	100.0%
18830810	263	393	MOORE	13132050	4	May 23, 2017	0.18	0.24	0.18	100.0%
18830810	96	449	MOORE	13132050	4	May 23, 2017	0.48	0.65	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	May 23, 2017	1.50	2.03	1.50	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 22, 2017	0.68	0.71	0.68	100.0%
18840422	433	1427	MOORE	13132050	4	May 23, 2017	0.14	0.19	0.14	100.0%
18840422	585	951	SWAUGER	13127600	5	May 22, 2017	0.18	0.19	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 22, 2017	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	May 22, 2017	0.82	0.85	0.82	100.0%
18840422	201	83	SWAUGER	13127600	5	May 22, 2017	1.12	1.17	1.12	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 22, 2017	0.96	1.00	0.96	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 22, 2017	1.63	1.70	1.63	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 22, 2017	0.20	0.21	0.20	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 22, 2017	2.17	2.26	2.17	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 22, 2017	1.44	1.50	1.44	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 22, 2017	0.55	0.57	0.55	100.0%
18840422	360	133	BURNETT	13127750	5	May 22, 2017	2.00	2.09	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	May 22, 2017	1.92	2.00	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	May 22, 2017	0.50	0.52	0.50	100.0%
18840422	390	406	SHARP	13126500	6	May 21, 2017	0.09	0.09	0.09	100.0%
18840422	2525	407	SHARP	13126500	6	May 21, 2017	0.08	0.08	0.08	100.0%
18840422	24	120	SHARP	13126500	6	May 21, 2017	0.08	0.08	0.08	100.0%
18840422	397	10	SHARP	13126500	6	May 21, 2017	0.12	0.12	0.12	100.0%
18840422	632	1539	SHARP	13126500	6	May 21, 2017	0.12	0.12	0.12	100.0%
18840422	544	1067	SHARP	13126500	6	May 21, 2017	1.00	1.00	1.00	100.0%
18840422	103	1289	SHARP	13126500	6	May 21, 2017	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	May 21, 2017	3.07	3.07	3.07	100.0%
18840430	73	193	BURNETT	13127750	5	May 22, 2017	1.23	1.28	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	May 22, 2017	1.22	1.27	1.22	100.0%
18840430	73	194	BURNETT	13127750	5	May 22, 2017	0.77	0.80	0.77	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 21, 2017	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 21, 2017	1.80	1.80	1.80	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 23, 2017	0.18	0.24	0.18	100.0%
18840520	187	1441	Lower Eastside &	13132291	2	May 23, 2017	0.01	0.01	0.01	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 23, 2017	0.16	0.22	0.16	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 23, 2017	1.15	1.56	1.15	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 23, 2017	0.80	1.08	0.80	100.0%
18840520	459	1478	MOORE	13132050	4	May 23, 2017	0.01	0.01	0.01	100.0%
18840520	459	797	MOORE	13132050	4	May 23, 2017	1.20	1.62	1.20	100.0%
18840520	433	271	MOORE	13132050	4	May 23, 2017	0.54	0.73	0.54	100.0%
18840520	427	1	MOORE	13132050	4	May 23, 2017	1.00	1.35	1.00	100.0%
18840520	66	266	MOORE	13132050	4	May 23, 2017	0.02	0.03	0.02	100.0%
18840520	340	816	MOORE	13132050	4	May 23, 2017	0.34	0.46	0.34	100.0%
18840520	219	547	MOORE	13132050	4	May 23, 2017	1.15	1.56	1.15	100.0%

18840520	96	451	MOORE	13132050	4	May 23, 2017	0.58	0.78	0.58	100.0%
18840520	263	394	MOORE	13132050	4	May 23, 2017	0.22	0.30	0.22	100.0%
18840520	2332	753	MOORE	13132050	4	May 23, 2017	0.42	0.57	0.42	100.0%
18840520	2331	463	MOORE	13132050	4	May 23, 2017	2.24	3.03	2.24	100.0%
18840520	2331	471	MOORE	13132050	4	May 23, 2017	2.14	2.89	2.14	100.0%
18840520	2332	752	MOORE	13132050	4	May 23, 2017	0.36	0.49	0.36	100.0%
18840520	645	462	MOORE	13132050	4	May 23, 2017	0.32	0.43	0.32	100.0%
18840520	2333	657	MOORE	13132050	4	May 23, 2017	0.96	1.30	0.96	100.0%
18840520	2335	265	MOORE	13132050	4	May 23, 2017	0.82	1.11	0.82	100.0%
18840531	338	122	DARLINGTON	13127735	5	May 22, 2017	0.72	0.75	0.72	100.0%
18840601	15	131	MOORE	13132050	4	May 23, 2017	0.37	0.50	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	May 23, 2017	1.28	1.73	1.28	100.0%
18840601	96	453	MOORE	13132050	4	May 23, 2017	0.21	0.28	0.21	100.0%
18840601	263	395	MOORE	13132050	4	May 23, 2017	0.08	0.11	0.08	100.0%
18840601	73	199	BURNETT	13127750	5	May 22, 2017	0.37	0.39	0.37	100.0%
18840601	138	441	BURNETT	13127750	5	May 22, 2017	0.04	0.04	0.04	100.0%
18840601	73	200	BURNETT	13127750	5	May 22, 2017	0.23	0.24	0.23	100.0%
18840601	297	712	BURNETT	13127750	5	May 22, 2017	0.80	0.83	0.80	100.0%
18840601	151	1042	BURNETT	13127750	5	May 22, 2017	0.23	0.24	0.23	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 21, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 20, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 20, 2017	0.40	0.40	0.40	100.0%
18840715	15	799	MOORE	13132050	4	May 23, 2017	0.80	1.08	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	May 23, 2017	0.80	1.08	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 23, 2017	1.20	1.62	1.20	100.0%
18840715	133	324	MOORE	13132050	4	May 23, 2017	0.72	0.97	0.72	100.0%
18840715	115	323	MOORE	13132050	4	May 23, 2017	0.72	0.97	0.72	100.0%
18840715	459	1195	MOORE	13132050	4	May 23, 2017	1.20	1.62	1.20	100.0%
18840731	44	1131	MOORE	13132050	4	May 23, 2017	0.80	1.08	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	May 23, 2017	0.80	1.08	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 23, 2017	0.20	0.27	0.20	100.0%
18840831	180	276	Upper Eastside &	13132101	2	May 23, 2017	1.31	1.77	1.31	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 23, 2017	0.41	0.55	0.41	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 23, 2017	0.50	0.68	0.50	100.0%
18840831	638	772	Upper Eastside &	13132101	2	May 23, 2017	0.40	0.54	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	May 23, 2017	3.20	4.33	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 21, 2017	1.74	1.74	1.74	100.0%
18841012	433	1081	MOORE	13132050	4	May 23, 2017	1.25	1.69	1.25	100.0%
18841012	459	342	MOORE	13132050	4	May 23, 2017	0.58	0.78	0.58	100.0%
18841012	70	341	MOORE	13132050	4	May 23, 2017	0.31	0.42	0.31	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 22, 2017	0.81	0.84	0.81	100.0%
18841012	524	11	SWAUGER	13127600	5	May 22, 2017	2.78	2.90	2.78	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 22, 2017	3.30	3.44	3.30	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 22, 2017	0.22	0.23	0.22	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 22, 2017	2.77	2.89	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	May 22, 2017	0.74	0.77	0.74	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 22, 2017	0.80	0.83	0.80	100.0%
18841012	347	1141	SHARP	13126500	6	May 21, 2017	0.81	0.81	0.81	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 22, 2017	2.00	2.09	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 22, 2017	1.65	1.72	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 22, 2017	0.61	0.64	0.61	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 22, 2017	1.10	1.15	1.10	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 22, 2017	0.79	0.82	0.79	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	May 23, 2017	1.90	2.57	1.90	100.0%
18850501	468	59	ARCO	13132365	2	May 23, 2017	0.74	1.38	0.74	100.0%
18850501	426	887	ARCO	13132365	2	May 23, 2017	0.64	1.19	0.64	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 20, 2017	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	May 20, 2017	0.50	0.50	0.50	100.0%
18850512	251	22	Upper Eastside &	13132101	2	May 23, 2017	0.38	0.51	0.38	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	May 23, 2017	0.20	0.27	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	May 23, 2017	0.76	1.03	0.76	100.0%
18850530	282	1190	SUTTER	13128105	5	May 22, 2017	0.20	0.21	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	May 23, 2017	2.96	4.00	2.96	100.0%
18850531	63	1354	MOORE	13132050	4	May 23, 2017	1.36	1.84	1.36	100.0%

18850531	411	827	DARLINGTON	13127735	5	May 22, 2017	3.20	3.34	3.20	100.0%
18850601	15	859	MOORE	13132050	4	May 23, 2017	0.50	0.68	0.50	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 22, 2017	2.60	2.71	2.60	100.0%
18850601	20	949	DARLINGTON	13127735	5	May 22, 2017	0.40	0.42	0.38	95.0%
18850601	525	1464	BURNETT	13127750	5	May 22, 2017	1.54	1.61	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	May 21, 2017	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	May 21, 2017	1.16	1.16	1.16	100.0%
18850601	405	1182	SHARP	13126500	6	May 21, 2017	0.04	0.04	0.04	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 20, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 22, 2017	3.08	3.21	3.08	100.0%
18851002	437	62	ARCO	13132365	2	May 23, 2017	1.54	2.87	1.54	100.0%
18851002	468	61	ARCO	13132365	2	May 23, 2017	3.60	6.70	3.60	100.0%
18851002	93	726	ARCO	13132365	2	May 23, 2017	0.50	0.93	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	May 23, 2017	1.16	2.16	1.16	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 21, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 23, 2017	5.34	7.22	5.34	100.0%
18860501	305	927	3IN1	13130605	4	May 23, 2017	0.86	1.17	0.86	100.0%
18860501	417	644	MOORE	13132050	4	May 23, 2017	1.20	1.62	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 23, 2017	2.80	3.79	2.80	100.0%
18860512	263	398	MOORE	13132050	4	May 23, 2017	0.18	0.24	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 23, 2017	0.48	0.65	0.48	100.0%
18860601	16	1009	MOORE	13132050	4	May 23, 2017	2.52	3.41	2.52	100.0%
18860601	339	1010	MOORE	13132050	4	May 23, 2017	0.68	0.92	0.68	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 21, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 21, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 23, 2017	1.12	1.51	1.12	100.0%
18860721	336	294	BURNETT	13127750	5	May 22, 2017	0.80	0.83	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 22, 2017	3.00	3.13	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 23, 2017	0.84	1.14	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 21, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 22, 2017	0.78	0.81	0.78	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	May 23, 2017	0.80	1.08	0.80	100.0%
18870313	459	338	MOORE	13132050	4	May 23, 2017	0.42	0.57	0.42	100.0%
18870313	433	683	MOORE	13132050	4	May 23, 2017	0.70	0.95	0.70	100.0%
18870313	70	337	MOORE	13132050	4	May 23, 2017	0.23	0.31	0.23	100.0%
18870313	73	202	BURNETT	13127750	5	May 22, 2017	0.65	0.68	0.65	100.0%
18870313	73	201	BURNETT	13127750	5	May 22, 2017	1.05	1.10	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 20, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 21, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	May 23, 2017	2.58	4.80	2.58	100.0%
18870601	305	1351	3IN1	13130605	4	May 23, 2017	1.00	1.35	1.00	100.0%
18870601	73	195	BURNETT	13127750	5	May 22, 2017	0.92	0.96	0.92	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 21, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 21, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 20, 2017	0.20	0.20	0.20	100.0%
18870630	323	945	BURNETT	13127750	5	May 22, 2017	0.80	0.83	0.80	100.0%
18880601	223	889	Upper Eastside &	13132101	2	May 23, 2017	2.08	2.81	2.08	100.0%
18880601	437	670	ARCO	13132365	2	May 23, 2017	0.33	0.61	0.33	100.0%
18880601	427	669	ARCO	13132365	2	May 23, 2017	0.81	1.50	0.81	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 22, 2017	0.33	0.34	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 22, 2017	0.98	1.02	0.98	100.0%
18880601	347	1138	SHARP	13126500	6	May 21, 2017	1.23	1.23	1.23	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 21, 2017	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	May 19, 2017	1.60	1.60	1.60	100.0%
18890601	463	1396	MOORE	13132050	4	May 23, 2017	0.20	0.27	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	May 23, 2017	0.30	0.41	0.30	100.0%
18890601	652	1566	MOORE	13132050	4	May 23, 2017	0.50	0.68	0.50	100.0%
18890601	441	205	MOORE	13132050	4	May 23, 2017	0.97	1.31	0.97	100.0%
18890601	336	979	BURNETT	13127750	5	May 22, 2017	0.46	0.48	0.46	100.0%
18890601	475	969	BURNETT	13127750	5	May 22, 2017	1.20	1.25	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 22, 2017	2.70	2.82	2.70	100.0%
18900601	426	756	ARCO	13132365	2	May 23, 2017	0.57	1.06	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 21, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 21, 2017	3.00	3.00	3.00	100.0%

18910531	498	777	BRADSHAW	13120705	9	May 20, 2017	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 20, 2017	0.24	0.24	0.24	100.0%
18910630	2332	1255	MOORE	13132050	4	May 23, 2017	0.26	0.35	0.26	100.0%
18910630	2332	1254	MOORE	13132050	4	May 23, 2017	0.48	0.65	0.48	100.0%
18910801	307	77	CHILLY	13121105	9	May 20, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 21, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 21, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 23, 2017	0.22	0.30	0.22	100.0%
18930323	77	366	MOORE	13132050	4	May 23, 2017	1.60	2.16	1.60	100.0%
18930323	77	688	MOORE	13132050	4	May 23, 2017	1.50	2.03	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 21, 2017	0.74	0.74	0.74	100.0%
18940310	475	989	BURNETT	13127750	5	May 22, 2017	0.44	0.46	0.44	100.0%
18940310	265	1223	BURNETT	13127750	5	May 22, 2017	2.80	2.92	2.80	100.0%
18940310	386	268	SUTTER	13128105	5	May 22, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 20, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 21, 2017	2.50	2.50	2.50	100.0%
18940521	463	933	MOORE	13132050	4	May 23, 2017	0.80	1.08	0.80	100.0%
18940531	5	776	MOORE	13132050	4	May 23, 2017	0.18	0.24	0.18	100.0%
18940531	77	800	MOORE	13132050	4	May 23, 2017	0.74	1.00	0.74	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 23, 2017	3.20	4.33	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 23, 2017	0.15	0.20	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 22, 2017	0.11	0.11	0.11	100.0%
18940601	390	408	SHARP	13126500	6	May 21, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 20, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 22, 2017	1.10	1.15	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 20, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	May 23, 2017	0.80	1.08	0.80	100.0%
18950601	417	378	MOORE	13132050	4	May 23, 2017	0.10	0.14	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 22, 2017	1.70	1.77	1.70	100.0%
18950601	445	410	NEILSEN	13120805	9	May 20, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 20, 2017	0.02	0.02	0.02	100.0%
18950630	265	1224	BURNETT	13127750	5	May 22, 2017	2.48	2.59	2.48	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 21, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	May 23, 2017	1.47	1.99	1.47	100.0%
18960601	45	998	Lower Eastside &	13132291	2	May 23, 2017	0.34	0.46	0.34	100.0%
18960601	180	278	Upper Eastside &	13132101	2	May 23, 2017	0.41	0.55	0.41	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	May 23, 2017	0.04	0.05	0.04	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 23, 2017	0.70	0.95	0.70	100.0%
18960601	13	1119	MOORE	13132050	4	May 23, 2017	0.40	0.54	0.40	100.0%
18960601	15	1106	MOORE	13132050	4	May 23, 2017	1.17	1.58	1.17	100.0%
18960601	263	399	MOORE	13132050	4	May 23, 2017	0.27	0.37	0.27	100.0%
18960601	339	1118	MOORE	13132050	4	May 23, 2017	1.57	2.12	1.57	100.0%
18960601	441	207	MOORE	13132050	4	May 23, 2017	1.00	1.35	1.00	100.0%
18960601	652	1567	MOORE	13132050	4	May 23, 2017	0.52	0.70	0.52	100.0%
18960601	459	993	MOORE	13132050	4	May 23, 2017	0.40	0.54	0.40	100.0%
18960601	417	992	MOORE	13132050	4	May 23, 2017	1.20	1.62	1.20	100.0%
18960601	463	128	MOORE	13132050	4	May 23, 2017	1.60	2.16	1.60	100.0%
18960601	417	381	MOORE	13132050	4	May 23, 2017	2.40	3.25	2.40	100.0%
18960601	263	397	MOORE	13132050	4	May 23, 2017	0.35	0.47	0.35	100.0%
18960601	96	461	MOORE	13132050	4	May 23, 2017	0.73	0.99	0.73	100.0%
18960601	96	457	MOORE	13132050	4	May 23, 2017	0.92	1.24	0.92	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 21, 2017	6.40	6.40	6.40	100.0%
18960801	280	1186	SHARP	13126500	6	May 21, 2017	0.20	0.20	0.20	100.0%
18960801	405	1185	SHARP	13126500	6	May 21, 2017	0.06	0.06	0.06	100.0%
18960801	544	1187	SHARP	13126500	6	May 21, 2017	0.06	0.06	0.06	100.0%
18960901	437	671	ARCO	13132365	2	May 23, 2017	0.13	0.24	0.13	100.0%
18960901	427	672	ARCO	13132365	2	May 23, 2017	0.32	0.60	0.32	100.0%
18960928	407	307	MUNSEY	13132375	2	May 23, 2017	0.51	0.95	0.51	100.0%
18960928	150	216	MUNSEY	13132375	2	May 23, 2017	0.03	0.06	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	May 23, 2017	1.97	3.67	1.97	100.0%
18970510	437	664	ARCO	13132365	2	May 23, 2017	1.74	3.24	1.74	100.0%
18970510	427	6	ARCO	13132365	2	May 23, 2017	3.83	7.14	3.83	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 23, 2017	1.34	1.82	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 20, 2017	2.00	2.00	2.00	100.0%

18970601	524	1156	SWAUGER	13127600	5	May 22, 2017	3.20	3.34	3.20	100.0%
18970615	180	280	Upper Eastside &	13132101	2	May 23, 2017	0.13	0.18	0.13	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 23, 2017	0.24	0.32	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 21, 2017	2.40	2.40	2.40	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	May 23, 2017	0.65	0.88	0.65	100.0%
18980601	437	1310	ARCO	13132365	2	May 23, 2017	1.60	2.98	1.60	100.0%
18980901	268	562	ARCO	13132365	2	May 23, 2017	1.57	2.92	1.57	100.0%
18980901	122	821	ARCO	13132365	2	May 23, 2017	0.10	0.19	0.10	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 21, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 21, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	May 23, 2017	1.16	1.57	1.16	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 23, 2017	0.29	0.39	0.29	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 23, 2017	0.84	1.14	0.84	100.0%
18990327	180	468	Upper Eastside &	13132101	2	May 23, 2017	0.05	0.07	0.05	100.0%
18990327	433	272	MOORE	13132050	4	May 23, 2017	0.48	0.65	0.48	100.0%
18990327	459	1477	MOORE	13132050	4	May 23, 2017	0.01	0.01	0.01	100.0%
18990327	645	466	MOORE	13132050	4	May 23, 2017	0.05	0.07	0.05	100.0%
18990327	459	1090	MOORE	13132050	4	May 23, 2017	0.60	0.81	0.60	100.0%
18990327	2331	467	MOORE	13132050	4	May 23, 2017	0.23	0.31	0.23	100.0%
18990327	219	549	MOORE	13132050	4	May 23, 2017	0.07	0.09	0.07	100.0%
18990518	138	443	BURNETT	13127750	5	May 22, 2017	0.02	0.02	0.02	100.0%
18990518	151	1044	BURNETT	13127750	5	May 22, 2017	0.15	0.16	0.15	100.0%
18990601	201	705	SWAUGER	13127600	5	May 22, 2017	0.28	0.29	0.28	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 20, 2017	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 20, 2017	2.74	2.74	2.74	100.0%
19000323	77	44	MOORE	13132050	4	May 23, 2017	1.28	1.73	1.28	100.0%
19000601	386	270	SUTTER	13128105	5	May 22, 2017	0.08	0.08	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 20, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 21, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 21, 2017	3.20	3.20	3.20	100.0%
19010901	433	685	MOORE	13132050	4	May 23, 2017	0.31	0.42	0.31	100.0%
19010901	70	339	MOORE	13132050	4	May 23, 2017	0.12	0.16	0.12	100.0%
19010901	459	340	MOORE	13132050	4	May 23, 2017	0.23	0.31	0.23	100.0%
19010901	151	1039	BURNETT	13127750	5	May 22, 2017	0.06	0.06	0.06	100.0%
19010901	138	439	BURNETT	13127750	5	May 22, 2017	0.02	0.02	0.02	100.0%
19011001	96	455	MOORE	13132050	4	May 23, 2017	0.04	0.05	0.04	100.0%
19011001	263	396	MOORE	13132050	4	May 23, 2017	0.02	0.03	0.02	100.0%
19011102	426	1159	ARCO	13132365	2	May 23, 2017	1.32	2.46	1.32	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 20, 2017	2.60	2.60	2.60	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	May 23, 2017	0.20	0.27	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	May 23, 2017	0.31	0.41	0.31	100.0%
19020301	15	81	MOORE	13132050	4	May 23, 2017	0.60	0.81	0.60	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 21, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 20, 2017	0.90	0.90	0.90	100.0%
19020301	307	834	CHILLY	13121105	9	May 20, 2017	0.40	0.40	0.40	100.0%
19020301	307	676	CHILLY	13121105	9	May 20, 2017	3.85	3.85	3.85	100.0%
19020301	364	952	CHILLY	13121105	9	May 20, 2017	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	May 20, 2017	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	May 20, 2017	2.40	2.40	2.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 20, 2017	1.60	1.60	1.60	100.0%
19020304	129	1062	CHILLY	13121105	9	May 20, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 20, 2017	0.70	0.70	0.70	100.0%
19020415	479	377	LONGHURST	13121505	9	May 20, 2017	2.40	2.40	2.40	100.0%
19020501	170	1008	MOORE	13132050	4	May 23, 2017	1.70	2.30	1.70	100.0%
19020501	310	631	CHILLY	13121105	9	May 20, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 19, 2017	0.62	0.62	0.62	100.0%
19020601	16	1014	MOORE	13132050	4	May 23, 2017	0.92	1.24	0.92	100.0%
19020601	339	1015	MOORE	13132050	4	May 23, 2017	0.66	0.89	0.66	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 21, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 20, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 20, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 21, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 21, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 23, 2017	1.46	1.97	1.46	100.0%

19040526	386	269	SUTTER	13128105	5	May 22, 2017	0.08	0.08	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 22, 2017	0.02	0.02	0.02	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 21, 2017	0.40	0.40	0.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 21, 2017	0.13	0.13	0.13	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 20, 2017	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 20, 2017	0.02	0.02	0.02	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 20, 2017	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	May 20, 2017	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 20, 2017	0.82	0.82	0.82	100.0%
19050501	255	402	NEILSEN	13120805	9	May 20, 2017	0.50	0.50	0.50	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 20, 2017	3.00	3.00	3.00	100.0%
19050501	364	629	CHILLY	13121105	9	May 20, 2017	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	May 20, 2017	0.60	0.60	0.60	100.0%
19050501	129	1063	CHILLY	13121105	9	May 20, 2017	0.80	0.80	0.80	100.0%
19050501	310	115	CHILLY	13121105	9	May 20, 2017	1.32	1.32	1.32	100.0%
19050501	373	432	CHILLY	13121105	9	May 20, 2017	0.58	0.58	0.58	100.0%
19050905	629	1499	HOWELL	13120490	10	May 19, 2017	2.58	2.58	2.58	100.0%
19081207	70	343	MOORE	13132050	4	May 23, 2017	0.12	0.16	0.12	100.0%
19081207	459	344	MOORE	13132050	4	May 23, 2017	0.33	0.45	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 21, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 21, 2017	5.50	5.50	5.50	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 20, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 20, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 21, 2017	1.20	1.20	1.20	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 20, 2017	0.01	0.01	0.01	100.0%
19120830	255	400	NEILSEN	13120805	9	May 20, 2017	0.03	0.03	0.03	100.0%
19131224	373	25	CHILLY	13121105	9	May 20, 2017	1.60	1.60	1.60	100.0%
19150504	373	434	CHILLY	13121105	9	May 20, 2017	0.20	0.20	0.20	100.0%
19160501	129	633	CHILLY	13121105	9	May 20, 2017	1.40	1.40	1.40	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 21, 2017	1.36	1.36	1.36	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 21, 2017	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	May 23, 2017	0.01	0.02	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	May 23, 2017	0.79	1.47	0.79	100.0%
19240806	417	695	MOORE	13132050	4	May 23, 2017	0.50	0.68	0.50	100.0%
19440508	437	737	ARCO	13132365	2	May 23, 2017	0.38	0.71	0.38	100.0%
19740402	150	220	MUNSEY	13132375	2	May 23, 2017	0.02	0.04	0.02	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 23, 2017	10.42	19.40	10.42	100.0%
19950203	476	1272	3IN1	13130605	4	May 23, 2017	32.00	43.28	32.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 23, 2017	9.66	13.07	9.66	100.0%
19950411	476	1273	BURNETT	13127750	5	May 22, 2017	16.12	16.82	16.12	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 20, 2017	5.95	5.95	5.95	100.0%
19950411	476	1273	CHILLY	13121105	9	May 20, 2017	13.85	13.85	13.85	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 21, 2017	10000.00	10000.00	532.80	5.3%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 20	916.0	4.8		920.8	0.00	920.8	4.8	0.0		916.0	0.0	
9	Howell to Chilly	May 21	3.6	136.9		-775.5	0.85	145.3	100.5	36.5		40.1	-36.5	
8	Chilly to Reservoir ***Disconnected***	* May 22	916.5	69.0		981.9	0.00	1127.3	66.8	2.2		955.2	-38.7	
7	Mackay Reservoir	* May 22	1504.0	0.0		916.5	0.00	916.5	547.8			368.7		
6	Reservoir to 2B	May 22	1490.0	14.0		0.0	0.00	907.0	9.5	4.5		359.2	1130.8	
5	2B to Leslie	May 23	1250.0	156.0		-84.0	0.06	788.9	97.9	58.1		241.0	1009.0	
4	Leslie to Eastside In	May 24	844.8	200.6		-204.6	0.16	634.2	115.2	85.4		86.4	758.4	
2a	Eastside In To Weirs	* May 24	712.0	14.7	0.0	-118.1	0.14	607.1	15.0	-0.3		59.3	652.7	0.0
2b	Weirs To Eastside Out	* May 24	579.1	6.7	0.0	-126.2	0.18	589.9	6.7	0.0		42.1	537.0	0.0
2c	Eastside Out To Blw Muns	* May 24	491.7	87.4	0.0	0.0	0.00	547.8	42.1	45.3	0.0	0.0	491.7	0.0
1	Blw Munsey to Arco	May 24	389.0	0.0		-102.7	0.21	541.8	0.0	0.0		0.0	491.7	
3	River blw Moore Div	May 24	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
* - Indicates flow estimated, not measured							TOTAL		1006.4	231.7	0.0			

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 20	0.0		20090101	5%	1	18800630	3.2	556.5	139.6	
9	Howell to Chilly	May 21	-775.5		20090101	5%	2	18810630	1.7	294.0	74.2	
8	Chilly to Reservoir ***Disconnected***	May 22	0.0		20090101	5%	3	18880601	3.2	556.5	139.6	
7	Mackay Reservoir	May 22	0.0		20090101	5%	4	18960601	6.4	1113.0	279.3	
6	Reservoir to 2B	May 22	0.0	0.0	20090101	5%	5	19020301	0.8	140.0	34.9	
5	2B to Leslie	May 23	-20.2	-63.7	20090101	5%	6	19051002	Unlimited	20646.0	20646.0	
4	Leslie to Eastside In	May 24	-39.4	-165.2	20090101	5%	7	19160207	Unlimited	17205.0	17205.0	
2a	Eastside In To Weirs	May 24	-12.1	-106.0	0.0	20090101	5%	8	19590902	Unlimited	6000.0	6000.0
2b	Weirs To Eastside Out	May 24	-10.5	-115.7	0.0	20090101	5%	9	Add Vol	Unlimited	200000.0	70266.3
2c	Eastside Out To Blw Muns	May 24	0.0	0.0	0.0	20090101	5%	10	Rotation	Unlimited	50000.0	0.0
1	Blw Munsey to Arco	May 24	0.0	-491.7	0.0	20090101	5%	TOTAL		296511.0	114785.0	
3	River blw Moore Div	May 24	0.0	0.0	20090101	5%						
TOTAL			-857.7	-942.4	0.0							

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
22270.0	21090.0		-1180.0	-594.9	7.4	286.4	193.0	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	46085.0
Total Storage Loss	-34569.6
Total Storage Deliver	-6617.0
Total Evaporation	-288.8
Accounting Balance	21089.6
Current Res Content	21090.0
Storage Balance Error	-0.4

DAILY STORAGE BALANCE

22270.0 Reservoir Content Previous Day [ac-ft]
21090.0 Reservoir Content Current Day [ac-ft]
-1180.0 Physical Change in Storage [ac-ft]

1086.6 Storage Allocated to Mackay Reservoir [ac-ft]
-1869.3 Stored Flow Losses [ac-ft]
-63.7 2B to Leslie [cfs]
-165.2 Leslie to Moore [cfs]
-713.5 Eastside [cfs]
0.0 River blw Moore [cfs]
-382.8 Storage Delivered [ac-ft]
4.5 Reservoir to 2B [cfs]
58.1 2B to Leslie [cfs]
85.4 Leslie to Moore [cfs]
45.0 Eastside to blw Munsey [cfs]
-14.8 Evaporation [ac-ft]
-1180.3 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

916.5 Natural Flow into Mackay Reservoir [cfs]

547.8 Reservoir Rights Diverted [cfs]
77.0 Natural Flow Losses below Reservoir [cfs]
-20.2 2B to Leslie [cfs]
-39.4 Leslie to Moore [cfs]
-17.4 Eastside as River [cfs]
291.6 Natural Flow Delivered [cfs]
9.5 Reservoir to 2B [cfs]
97.9 2B to Leslie [cfs]
115.2 Leslie to Moore [cfs]
69.0 Eastside to blw Munsey [cfs]
916.4 Natural Flow Delivered & Lost [cfs]

0.1 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	844.8			14.7	-2.4	356.0	356.0	-118.1	14.0%	712.0
Natural Flow	86.4			15.0	-2.4			-12.1		59.3
Stored Flow	758.4			-0.3	0.1			-106.0		652.7
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	356.0	356.0		6.7	-2.8	579.1	-126.2	17.7%	-239.1
Natural Flow				6.7	-2.8	42.1	-10.5		-17.4
Stored Flow				0.0	0.0	537.0	-115.7		-221.8
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	579.1		491.7	87.4
Natural Flow	42.1		0.0	42.1
Stored Flow	537.0		491.7	45.3
Exchange Flow	0.0		0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060		13132350	
Actual Flow	26.6	818.2	8.1	703.9	579.1
Natural Flow	26.9	59.5	8.1	51.1	42.1
Stored Flow	-0.4	758.8	0.0	652.7	537.0
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	14.0	4.5	75.6
9 KENT	5.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	28.0	9.5	224.0
9 BITTON	0.0	5.0	59.5	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	4.0	4.0	145.8	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	20.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	128.9	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	76.0	21.7	979.1
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	1056.0
9 NEILSEN	31.0	0.9	153.7	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	0.0	11.9	5 SUTTER	6.0	2.7	74.9
9 CHILLY	61.0	0.0	214.2	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	12.0	12.0	456.5
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	22.6	269.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	4.8	4 3IN1	38.6	4.7	241.9
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	150.0	68.7	1985.7
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	126.0	2 EASTSIDE FHDiv	26.6	-0.4	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	7.0	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	48.0	537.0	17667.6
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.2	0.0	0.0	2 MUNSEY	39.4	537.0	17667.6
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	1.8	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.3	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	1.3	23.2	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 21, 2017	5.20	5.20	5.20	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 22, 2017	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 22, 2017	0.59	0.59	0.59	100.0%
18800601	93	723	ARCO	13132365	2	May 24, 2017	0.04	0.07	0.04	100.0%
18800601	370	530	ARCO	13132365	2	May 24, 2017	0.15	0.27	0.15	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 22, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 22, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 22, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 22, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 22, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 21, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 22, 2017	3.00	3.00	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	May 24, 2017	1.26	1.60	1.26	100.0%
18830601	645	464	MOORE	13132050	4	May 24, 2017	0.11	0.14	0.11	100.0%
18830601	2331	465	MOORE	13132050	4	May 24, 2017	0.79	1.00	0.79	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 24, 2017	0.43	0.54	0.43	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	May 24, 2017	0.21	0.27	0.21	100.0%
18830810	263	393	MOORE	13132050	4	May 24, 2017	0.18	0.23	0.18	100.0%
18830810	96	449	MOORE	13132050	4	May 24, 2017	0.48	0.61	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	May 24, 2017	1.50	1.90	1.50	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 23, 2017	0.68	0.72	0.68	100.0%
18840422	433	1427	MOORE	13132050	4	May 24, 2017	0.14	0.18	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 23, 2017	0.07	0.07	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	May 23, 2017	0.18	0.19	0.18	100.0%
18840422	201	83	SWAUGER	13127600	5	May 23, 2017	1.12	1.19	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	May 23, 2017	0.82	0.87	0.82	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 23, 2017	0.20	0.21	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 23, 2017	0.96	1.02	0.96	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 23, 2017	0.55	0.58	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 23, 2017	1.63	1.73	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 23, 2017	2.17	2.30	2.17	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 23, 2017	1.44	1.53	1.44	100.0%
18840422	360	133	BURNETT	13127750	5	May 23, 2017	2.00	2.12	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	May 23, 2017	1.92	2.03	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	May 23, 2017	0.50	0.53	0.50	100.0%
18840422	544	1067	SHARP	13126500	6	May 22, 2017	1.00	1.00	1.00	100.0%
18840422	103	1289	SHARP	13126500	6	May 22, 2017	0.64	0.64	0.64	100.0%
18840422	397	10	SHARP	13126500	6	May 22, 2017	0.12	0.12	0.12	100.0%
18840422	390	406	SHARP	13126500	6	May 22, 2017	0.09	0.09	0.09	100.0%
18840422	2525	407	SHARP	13126500	6	May 22, 2017	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	May 22, 2017	3.18	3.18	3.18	100.0%
18840422	632	1539	SHARP	13126500	6	May 22, 2017	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	May 22, 2017	0.08	0.08	0.08	100.0%
18840430	360	67	BURNETT	13127750	5	May 23, 2017	1.42	1.50	1.42	100.0%
18840430	73	193	BURNETT	13127750	5	May 23, 2017	1.23	1.30	1.23	100.0%
18840430	73	194	BURNETT	13127750	5	May 23, 2017	0.77	0.82	0.77	100.0%
18840430	119	1366	BURNETT	13127750	5	May 23, 2017	0.40	0.42	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 22, 2017	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 22, 2017	1.80	1.80	1.80	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 24, 2017	0.18	0.23	0.18	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 24, 2017	0.16	0.20	0.16	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 24, 2017	1.15	1.46	1.15	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 24, 2017	0.80	1.01	0.80	100.0%
18840520	66	266	MOORE	13132050	4	May 24, 2017	0.02	0.03	0.02	100.0%
18840520	340	816	MOORE	13132050	4	May 24, 2017	0.30	0.38	0.30	100.0%
18840520	263	394	MOORE	13132050	4	May 24, 2017	0.22	0.28	0.22	100.0%
18840520	96	451	MOORE	13132050	4	May 24, 2017	0.58	0.73	0.58	100.0%
18840520	219	547	MOORE	13132050	4	May 24, 2017	1.15	1.46	1.15	100.0%
18840520	459	797	MOORE	13132050	4	May 24, 2017	1.20	1.52	1.20	100.0%

18840520	2331	463	MOORE	13132050	4	May 24, 2017	2.24	2.84	2.24	100.0%
18840520	2335	265	MOORE	13132050	4	May 24, 2017	0.72	0.91	0.72	100.0%
18840520	2331	471	MOORE	13132050	4	May 24, 2017	1.71	2.17	1.71	100.0%
18840520	427	1	MOORE	13132050	4	May 24, 2017	0.88	1.12	0.88	100.0%
18840520	459	1478	MOORE	13132050	4	May 24, 2017	0.01	0.01	0.01	100.0%
18840520	645	462	MOORE	13132050	4	May 24, 2017	0.31	0.39	0.31	100.0%
18840520	2333	657	MOORE	13132050	4	May 24, 2017	0.84	1.06	0.84	100.0%
18840520	433	271	MOORE	13132050	4	May 24, 2017	0.54	0.68	0.54	100.0%
18840531	338	122	DARLINGTON	13127735	5	May 23, 2017	0.72	0.76	0.72	100.0%
18840601	263	395	MOORE	13132050	4	May 24, 2017	0.08	0.10	0.08	100.0%
18840601	96	453	MOORE	13132050	4	May 24, 2017	0.21	0.27	0.21	100.0%
18840601	15	131	MOORE	13132050	4	May 24, 2017	0.37	0.47	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	May 24, 2017	1.28	1.62	1.28	100.0%
18840601	151	1042	BURNETT	13127750	5	May 23, 2017	0.23	0.24	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	May 23, 2017	0.73	0.78	0.73	100.0%
18840601	297	712	BURNETT	13127750	5	May 23, 2017	0.80	0.85	0.80	100.0%
18840601	138	441	BURNETT	13127750	5	May 23, 2017	0.04	0.04	0.04	100.0%
18840601	73	200	BURNETT	13127750	5	May 23, 2017	0.23	0.24	0.23	100.0%
18840601	73	199	BURNETT	13127750	5	May 23, 2017	0.37	0.39	0.37	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 22, 2017	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 21, 2017	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 21, 2017	0.80	0.80	0.80	100.0%
18840715	115	323	MOORE	13132050	4	May 24, 2017	0.80	1.01	0.80	100.0%
18840715	15	799	MOORE	13132050	4	May 24, 2017	0.80	1.01	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	May 24, 2017	0.80	1.01	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 24, 2017	0.80	1.01	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	May 24, 2017	1.20	1.52	1.20	100.0%
18840715	417	1194	MOORE	13132050	4	May 24, 2017	1.20	1.52	1.20	100.0%
18840731	44	1132	MOORE	13132050	4	May 24, 2017	0.66	0.84	0.66	100.0%
18840731	44	1131	MOORE	13132050	4	May 24, 2017	0.80	1.01	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 24, 2017	0.20	0.25	0.20	100.0%
18840831	180	276	Upper Eastside &	13132101	2	May 24, 2017	1.31	1.66	1.31	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 24, 2017	0.50	0.63	0.50	100.0%
18840831	638	772	Upper Eastside &	13132101	2	May 24, 2017	0.40	0.51	0.40	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 24, 2017	0.44	0.56	0.44	100.0%
18840901	441	1107	MOORE	13132050	4	May 24, 2017	3.20	4.05	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 22, 2017	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	May 23, 2017	0.40	0.42	0.40	100.0%
18841012	70	341	MOORE	13132050	4	May 24, 2017	0.31	0.39	0.31	100.0%
18841012	459	342	MOORE	13132050	4	May 24, 2017	0.58	0.73	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	May 24, 2017	1.25	1.58	1.25	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 23, 2017	0.22	0.23	0.22	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 23, 2017	3.30	3.50	3.30	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 23, 2017	0.80	0.85	0.80	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 23, 2017	0.81	0.86	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 23, 2017	2.77	2.94	2.77	100.0%
18841012	524	11	SWAUGER	13127600	5	May 23, 2017	2.78	2.95	2.78	100.0%
18841012	317	385	SWAUGER	13127600	5	May 23, 2017	0.74	0.78	0.74	100.0%
18841012	347	1141	SHARP	13126500	6	May 22, 2017	0.84	0.84	0.84	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 23, 2017	2.00	2.12	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 23, 2017	0.61	0.65	0.61	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 23, 2017	1.10	1.17	1.10	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 23, 2017	1.65	1.75	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 23, 2017	0.79	0.84	0.79	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	May 24, 2017	2.00	2.53	2.00	100.0%
18850501	426	887	ARCO	13132365	2	May 24, 2017	0.64	1.15	0.64	100.0%
18850501	468	59	ARCO	13132365	2	May 24, 2017	0.74	1.32	0.74	100.0%
18850501	255	401	NEILSEN	13120805	9	May 21, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 21, 2017	2.80	2.80	2.80	100.0%
18850512	251	22	Upper Eastside &	13132101	2	May 24, 2017	0.50	0.63	0.50	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	May 24, 2017	0.20	0.25	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	May 24, 2017	0.52	0.66	0.52	100.0%
18850530	282	1190	SUTTER	13128105	5	May 23, 2017	0.20	0.21	0.20	100.0%
18850531	63	1354	MOORE	13132050	4	May 24, 2017	1.20	1.52	1.20	100.0%

18850531	411	827	DARLINGTON	13127735	5	May 23, 2017	3.20	3.39	3.20	100.0%
18850601	15	859	MOORE	13132050	4	May 24, 2017	0.50	0.63	0.50	100.0%
18850601	20	949	DARLINGTON	13127735	5	May 23, 2017	0.40	0.42	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 23, 2017	2.60	2.76	2.58	99.2%
18850601	525	1464	BURNETT	13127750	5	May 23, 2017	1.54	1.63	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	May 22, 2017	1.16	1.16	1.16	100.0%
18850601	544	1184	SHARP	13126500	6	May 22, 2017	0.76	0.76	0.76	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 21, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 23, 2017	3.08	3.26	3.08	100.0%
18851002	93	726	ARCO	13132365	2	May 24, 2017	0.50	0.90	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	May 24, 2017	1.16	2.08	1.16	100.0%
18851002	437	62	ARCO	13132365	2	May 24, 2017	1.54	2.76	1.54	100.0%
18851002	468	61	ARCO	13132365	2	May 24, 2017	3.60	6.45	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 22, 2017	3.20	3.20	3.20	100.0%
18860501	305	927	3IN1	13130605	4	May 24, 2017	0.86	1.09	0.86	100.0%
18860501	417	644	MOORE	13132050	4	May 24, 2017	1.20	1.52	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 24, 2017	2.80	3.55	2.80	100.0%
18860512	634	1543	Upper Eastside &	13132101	2	May 24, 2017	0.03	0.04	0.03	100.0%
18860512	96	459	MOORE	13132050	4	May 24, 2017	0.48	0.61	0.48	100.0%
18860512	263	398	MOORE	13132050	4	May 24, 2017	0.18	0.23	0.18	100.0%
18860601	482	867	Upper Eastside &	13132101	2	May 24, 2017	1.24	1.57	1.24	100.0%
18860601	339	1010	MOORE	13132050	4	May 24, 2017	0.68	0.86	0.68	100.0%
18860601	16	1009	MOORE	13132050	4	May 24, 2017	2.52	3.19	2.52	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 22, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 22, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 24, 2017	1.20	1.52	1.20	100.0%
18860721	336	294	BURNETT	13127750	5	May 23, 2017	0.80	0.85	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 23, 2017	3.00	3.18	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 24, 2017	0.84	1.06	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 22, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 23, 2017	1.24	1.31	1.24	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	May 24, 2017	0.80	1.01	0.80	100.0%
18870313	70	337	MOORE	13132050	4	May 24, 2017	0.23	0.29	0.23	100.0%
18870313	433	683	MOORE	13132050	4	May 24, 2017	0.70	0.89	0.70	100.0%
18870313	459	338	MOORE	13132050	4	May 24, 2017	0.42	0.53	0.42	100.0%
18870313	73	201	BURNETT	13127750	5	May 23, 2017	1.05	1.11	1.05	100.0%
18870313	73	202	BURNETT	13127750	5	May 23, 2017	0.65	0.69	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 21, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 22, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	May 24, 2017	2.66	4.76	2.66	100.0%
18870601	305	1351	3IN1	13130605	4	May 24, 2017	1.00	1.27	1.00	100.0%
18870601	73	196	BURNETT	13127750	5	May 23, 2017	0.13	0.14	0.13	100.0%
18870601	73	195	BURNETT	13127750	5	May 23, 2017	1.11	1.18	1.11	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 22, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 22, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 21, 2017	0.20	0.20	0.20	100.0%
18870630	323	945	BURNETT	13127750	5	May 23, 2017	0.80	0.85	0.80	100.0%
18870801	119	1166	BURNETT	13127750	5	May 23, 2017	0.27	0.28	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	May 23, 2017	1.20	1.27	1.20	100.0%
18880601	223	889	Upper Eastside &	13132101	2	May 24, 2017	2.26	2.86	2.26	100.0%
18880601	427	669	ARCO	13132365	2	May 24, 2017	0.81	1.44	0.81	100.0%
18880601	437	670	ARCO	13132365	2	May 24, 2017	0.33	0.59	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 23, 2017	0.98	1.04	0.98	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 23, 2017	0.33	0.35	0.33	100.0%
18880601	347	1138	SHARP	13126500	6	May 22, 2017	1.27	1.27	1.27	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 22, 2017	3.20	3.20	3.20	100.0%
18880601	629	1497	HOWELL	13120490	10	May 20, 2017	1.60	1.60	1.60	100.0%
18890601	652	1566	MOORE	13132050	4	May 24, 2017	0.50	0.63	0.50	100.0%
18890601	441	205	MOORE	13132050	4	May 24, 2017	0.97	1.23	0.97	100.0%
18890601	463	1396	MOORE	13132050	4	May 24, 2017	0.20	0.25	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	May 24, 2017	0.35	0.44	0.35	100.0%
18890601	336	979	BURNETT	13127750	5	May 23, 2017	0.56	0.59	0.56	100.0%
18890601	589	716	BURNETT	13127750	5	May 23, 2017	2.70	2.86	2.70	100.0%
18890601	475	969	BURNETT	13127750	5	May 23, 2017	1.20	1.27	1.20	100.0%

18890601	119	996	BURNETT	13127750	5	May 23, 2017	0.12	0.13	0.12	100.0%
18900601	426	756	ARCO	13132365	2	May 24, 2017	0.57	1.02	0.57	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 22, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 22, 2017	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 21, 2017	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 21, 2017	0.24	0.24	0.24	100.0%
18910801	307	77	CHILLY	13121105	9	May 21, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 22, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 22, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 24, 2017	0.22	0.28	0.22	100.0%
18930323	77	366	MOORE	13132050	4	May 24, 2017	1.60	2.03	1.60	100.0%
18930323	77	688	MOORE	13132050	4	May 24, 2017	1.50	1.90	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 22, 2017	0.74	0.74	0.74	100.0%
18940310	475	989	BURNETT	13127750	5	May 23, 2017	0.44	0.47	0.44	100.0%
18940310	265	1223	BURNETT	13127750	5	May 23, 2017	2.80	2.97	2.80	100.0%
18940310	386	268	SUTTER	13128105	5	May 23, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 21, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 22, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 24, 2017	0.80	1.01	0.80	100.0%
18940531	77	800	MOORE	13132050	4	May 24, 2017	0.74	0.94	0.74	100.0%
18940531	5	776	MOORE	13132050	4	May 24, 2017	0.20	0.25	0.20	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 24, 2017	3.20	4.05	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 24, 2017	0.15	0.19	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 23, 2017	0.11	0.12	0.11	100.0%
18940601	390	408	SHARP	13126500	6	May 22, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 21, 2017	1.20	1.20	1.20	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 23, 2017	1.10	1.17	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 21, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	May 24, 2017	0.80	1.01	0.80	100.0%
18950601	417	378	MOORE	13132050	4	May 24, 2017	0.10	0.13	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 23, 2017	1.96	2.08	1.96	100.0%
18950601	445	411	NEILSEN	13120805	9	May 21, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 21, 2017	0.18	0.18	0.18	100.0%
18950630	265	1224	BURNETT	13127750	5	May 23, 2017	2.62	2.78	2.62	100.0%
18960302	309	873	MOORE	13132050	4	May 24, 2017	0.25	0.32	0.25	100.0%
18960302	402	872	MOORE	13132050	4	May 24, 2017	0.25	0.32	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 22, 2017	0.50	0.50	0.50	100.0%
18960601	144	53	Lower Eastside &	13132291	2	May 24, 2017	1.47	1.86	1.47	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 24, 2017	0.70	0.89	0.70	100.0%
18960601	180	278	Upper Eastside &	13132101	2	May 24, 2017	0.41	0.52	0.41	100.0%
18960601	45	998	Lower Eastside &	13132291	2	May 24, 2017	0.44	0.56	0.44	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	May 24, 2017	0.04	0.04	0.04	100.0%
18960601	263	397	MOORE	13132050	4	May 24, 2017	0.35	0.44	0.35	100.0%
18960601	263	399	MOORE	13132050	4	May 24, 2017	0.27	0.34	0.27	100.0%
18960601	339	1118	MOORE	13132050	4	May 24, 2017	1.57	1.99	1.57	100.0%
18960601	309	877	MOORE	13132050	4	May 24, 2017	0.08	0.11	0.08	100.0%
18960601	96	457	MOORE	13132050	4	May 24, 2017	0.92	1.17	0.92	100.0%
18960601	96	461	MOORE	13132050	4	May 24, 2017	0.33	0.42	0.33	100.0%
18960601	13	1119	MOORE	13132050	4	May 24, 2017	0.40	0.51	0.40	100.0%
18960601	15	1106	MOORE	13132050	4	May 24, 2017	1.17	1.48	1.17	100.0%
18960601	459	993	MOORE	13132050	4	May 24, 2017	0.40	0.51	0.40	100.0%
18960601	463	128	MOORE	13132050	4	May 24, 2017	1.60	2.03	1.60	100.0%
18960601	417	381	MOORE	13132050	4	May 24, 2017	2.40	3.04	2.40	100.0%
18960601	417	992	MOORE	13132050	4	May 24, 2017	1.20	1.52	1.20	100.0%
18960601	2334	1495	MOORE	13132050	4	May 24, 2017	2.40	3.04	2.40	100.0%
18960601	402	876	MOORE	13132050	4	May 24, 2017	0.08	0.11	0.08	100.0%
18960601	652	1567	MOORE	13132050	4	May 24, 2017	0.40	0.51	0.40	100.0%
18960601	441	207	MOORE	13132050	4	May 24, 2017	1.00	1.27	1.00	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 22, 2017	6.40	6.40	6.40	100.0%
18960801	280	1186	SHARP	13126500	6	May 22, 2017	0.10	0.10	0.10	100.0%
18960901	427	672	ARCO	13132365	2	May 24, 2017	0.32	0.57	0.32	100.0%
18960901	437	671	ARCO	13132365	2	May 24, 2017	0.13	0.23	0.13	100.0%
18960928	150	215	MUNSEY	13132375	2	May 24, 2017	1.97	3.53	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	May 24, 2017	0.03	0.05	0.03	100.0%

18960928	407	307	MUNSEY	13132375	2	May 24, 2017	0.51	0.91	0.51	100.0%
18970510	437	664	ARCO	13132365	2	May 24, 2017	1.74	3.12	1.74	100.0%
18970510	427	6	ARCO	13132365	2	May 24, 2017	3.87	6.94	3.87	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 24, 2017	1.34	1.70	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 21, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 23, 2017	3.20	3.39	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 24, 2017	0.24	0.30	0.24	100.0%
18970615	180	280	Upper Eastside &	13132101	2	May 24, 2017	0.13	0.16	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 22, 2017	2.40	2.40	2.40	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	May 24, 2017	0.65	0.82	0.65	100.0%
18980601	437	1310	ARCO	13132365	2	May 24, 2017	1.60	2.86	1.60	100.0%
18980901	268	562	ARCO	13132365	2	May 24, 2017	1.57	2.81	1.57	100.0%
18980901	122	821	ARCO	13132365	2	May 24, 2017	0.10	0.18	0.10	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 22, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 22, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	May 24, 2017	1.26	1.60	1.26	100.0%
18990327	180	468	Upper Eastside &	13132101	2	May 24, 2017	0.05	0.06	0.05	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 24, 2017	0.29	0.37	0.29	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 24, 2017	0.84	1.06	0.84	100.0%
18990327	219	549	MOORE	13132050	4	May 24, 2017	0.05	0.06	0.05	100.0%
18990327	433	272	MOORE	13132050	4	May 24, 2017	0.48	0.61	0.48	100.0%
18990327	459	1477	MOORE	13132050	4	May 24, 2017	0.01	0.01	0.01	100.0%
18990327	459	1090	MOORE	13132050	4	May 24, 2017	0.60	0.76	0.60	100.0%
18990518	151	1044	BURNETT	13127750	5	May 23, 2017	0.15	0.16	0.15	100.0%
18990518	138	443	BURNETT	13127750	5	May 23, 2017	0.02	0.02	0.02	100.0%
18990601	201	705	SWAUGER	13127600	5	May 23, 2017	0.28	0.30	0.28	100.0%
18990601	307	72	NEILSEN	13120805	9	May 21, 2017	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 21, 2017	0.60	0.60	0.60	100.0%
19000323	77	44	MOORE	13132050	4	May 24, 2017	0.66	0.84	0.66	100.0%
19000601	386	270	SUTTER	13128105	5	May 23, 2017	0.08	0.08	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 21, 2017	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 22, 2017	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	May 24, 2017	0.12	0.15	0.12	100.0%
19010901	433	685	MOORE	13132050	4	May 24, 2017	0.50	0.63	0.50	100.0%
19010901	459	340	MOORE	13132050	4	May 24, 2017	0.23	0.29	0.23	100.0%
19010901	138	439	BURNETT	13127750	5	May 23, 2017	0.02	0.02	0.02	100.0%
19010901	151	1039	BURNETT	13127750	5	May 23, 2017	0.08	0.08	0.08	100.0%
19011001	263	396	MOORE	13132050	4	May 24, 2017	0.14	0.18	0.14	100.0%
19011102	426	1159	ARCO	13132365	2	May 24, 2017	1.32	2.36	1.32	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 21, 2017	2.60	2.60	2.60	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	May 24, 2017	0.20	0.25	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	May 24, 2017	0.31	0.39	0.31	100.0%
19020301	15	81	MOORE	13132050	4	May 24, 2017	0.46	0.59	0.46	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 22, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 21, 2017	0.90	0.90	0.90	100.0%
19020301	307	834	CHILLY	13121105	9	May 21, 2017	0.40	0.40	0.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 21, 2017	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	May 21, 2017	3.85	3.85	3.85	100.0%
19020301	609	1492	CHILLY	13121105	9	May 21, 2017	2.40	2.40	2.40	100.0%
19020301	364	952	CHILLY	13121105	9	May 21, 2017	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	May 21, 2017	0.80	0.80	0.80	100.0%
19020304	129	1062	CHILLY	13121105	9	May 21, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 21, 2017	0.70	0.70	0.70	100.0%
19020415	479	377	LONGHURST	13121505	9	May 21, 2017	2.40	2.40	2.40	100.0%
19020501	170	1008	MOORE	13132050	4	May 24, 2017	1.50	1.90	1.50	100.0%
19020501	310	631	CHILLY	13121105	9	May 21, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 20, 2017	0.62	0.62	0.62	100.0%
19020601	16	1014	MOORE	13132050	4	May 24, 2017	0.92	1.17	0.92	100.0%
19020601	339	1015	MOORE	13132050	4	May 24, 2017	0.66	0.84	0.66	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 22, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 21, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 21, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 22, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 22, 2017	1.60	1.60	1.60	100.0%

19040517	16	1074	MOORE	13132050	4	May 24, 2017	1.46	1.85	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	May 23, 2017	0.08	0.08	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 23, 2017	0.02	0.02	0.02	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 22, 2017	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 22, 2017	0.02	0.02	0.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 22, 2017	0.13	0.13	0.13	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 21, 2017	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 21, 2017	0.02	0.02	0.02	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 21, 2017	3.00	3.00	3.00	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 21, 2017	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 21, 2017	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	May 21, 2017	1.30	1.30	1.30	100.0%
19050501	255	402	NEILSEN	13120805	9	May 21, 2017	0.50	0.50	0.50	100.0%
19050501	364	629	CHILLY	13121105	9	May 21, 2017	0.40	0.40	0.40	100.0%
19050501	310	115	CHILLY	13121105	9	May 21, 2017	1.32	1.32	1.32	100.0%
19050501	373	432	CHILLY	13121105	9	May 21, 2017	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	May 21, 2017	0.60	0.60	0.60	100.0%
19050501	129	1063	CHILLY	13121105	9	May 21, 2017	0.80	0.80	0.80	100.0%
19050905	629	1499	HOWELL	13120490	10	May 20, 2017	2.58	2.58	2.58	100.0%
19081207	70	343	MOORE	13132050	4	May 24, 2017	0.04	0.05	0.04	100.0%
19081207	459	344	MOORE	13132050	4	May 24, 2017	0.33	0.42	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 22, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 22, 2017	5.52	5.52	5.50	99.6%
19100501	101	1210	NEILSEN	13120805	9	May 21, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 21, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 22, 2017	1.20	1.20	1.20	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 21, 2017	0.01	0.01	0.01	100.0%
19120830	255	400	NEILSEN	13120805	9	May 21, 2017	0.03	0.03	0.03	100.0%
19131224	373	25	CHILLY	13121105	9	May 21, 2017	1.60	1.60	1.60	100.0%
19150504	373	434	CHILLY	13121105	9	May 21, 2017	0.20	0.20	0.20	100.0%
19160501	129	633	CHILLY	13121105	9	May 21, 2017	1.40	1.40	1.40	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 22, 2017	1.36	1.36	1.36	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 22, 2017	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	May 24, 2017	0.79	1.41	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	May 24, 2017	0.01	0.02	0.01	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	May 22, 2017	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	May 24, 2017	0.50	0.63	0.50	100.0%
19440508	437	737	ARCO	13132365	2	May 24, 2017	0.44	0.79	0.44	100.0%
19540821	2526	717	MUNSEY	13132375	2	May 24, 2017	1.20	2.15	1.20	100.0%
19740402	150	220	MUNSEY	13132375	2	May 24, 2017	0.02	0.04	0.02	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 24, 2017	13.72	24.56	13.72	100.0%
19950203	476	1272	3IN1	13130605	4	May 24, 2017	32.00	40.55	32.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 24, 2017	9.00	11.40	9.00	100.0%
19950411	476	1273	BURNETT	13127750	5	May 23, 2017	18.68	19.80	18.68	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 21, 2017	5.95	5.95	5.95	100.0%
19950411	476	1273	CHILLY	13121105	9	May 21, 2017	13.85	13.85	13.85	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 22, 2017	10000.00	10000.00	532.54	5.3%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 21	975.0	4.8		979.8	0.00	979.8	4.8	0.0		975.0	0.0	
9	Howell to Chilly	May 22	3.8	155.5		-815.7	0.84	164.1	137.7	17.8		21.6	-17.8	
8	Chilly to Reservoir ***Disconnected***	* May 23	1084.2	69.0		1149.4	0.00	1313.5	66.8	2.2		1104.2	-20.0	
7	Mackay Reservoir	* May 23	1454.0	0.0		1084.2	0.00	1084.2	681.6			402.6		
6	Reservoir to 2B	May 23	1440.0	14.0		0.0	0.00	1074.7	9.5	4.5		393.1	1046.9	
5	2B to Leslie	May 24	1200.0	176.0		-64.0	0.04	943.5	113.8	62.3		261.9	938.1	
4	Leslie to Eastside In	May 25	847.2	200.6		-152.2	0.13	789.8	120.5	80.1		108.2	739.0	
2a	Eastside In To Weirs	* May 25	709.8	15.5	0.0	-121.9	0.14	757.4	16.8	-1.3		75.8	634.0	0.0
2b	Weirs To Eastside Out	* May 25	572.6	11.5	0.0	-125.7	0.18	731.2	12.8	-1.3		49.6	523.0	0.0
2c	Eastside Out To Blw Muns	* May 25	470.4	102.2	0.0	0.0	0.00	681.6	49.6	52.6	0.0	0.0	470.4	0.0
1	Blw Munsey to Arco	May 25	368.0	0.0		-102.4	0.22	673.1	0.0	0.0		0.0	470.4	
3	River blw Moore Div	May 25	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
* - Indicates flow estimated, not measured							TOTAL		1213.9	216.9	0.0			

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 21	0.0		20090101	7%	1	18800630	3.2	556.5	146.0	
9	Howell to Chilly	May 22	-815.7		20090101	7%	2	18810630	1.7	294.0	77.6	
8	Chilly to Reservoir ***Disconnected***	May 23	0.0		20090101	7%	3	18880601	3.2	556.5	146.0	
7	Mackay Reservoir	May 23	0.0		20090101	7%	4	18960601	6.4	1113.0	292.0	
6	Reservoir to 2B	May 23	0.0	0.0	20090101	7%	5	19020301	0.8	140.0	36.5	
5	2B to Leslie	May 24	-17.5	-46.5	20090101	7%	6	19051002	Unlimited	20646.0	20646.0	
4	Leslie to Eastside In	May 25	-33.2	-119.0	20090101	7%	7	19160207	Unlimited	17205.0	17205.0	
2a	Eastside In To Weirs	May 25	-15.6	-106.3	0.0	20090101	7%	8	19590902	Unlimited	6000.0	6000.0
2b	Weirs To Eastside Out	May 25	-13.4	-112.3	0.0	20090101	7%	9	Add Vol	Unlimited	200000.0	71587.9
2c	Eastside Out To Blw Muns	May 25	0.0	0.0	0.0	20090101	7%	10	Rotation	Unlimited	50000.0	0.0
1	Blw Munsey to Arco	May 25	0.0	-470.4	0.0	20090101	7%	TOTAL		296511.0	116136.9	
3	River blw Moore Div	May 25	0.0	0.0	20090101	7%						
TOTAL			-895.4	-855.3	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
21090.0	20340.0		-750.0	-378.1	8.3	323.0	196.1	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	47436.9
Total Storage Loss	-36266.0
Total Storage Deliver	-7006.1
Total Evaporation	-305.4
Accounting Balance	20339.4
Current Res Content	20340.0
Storage Balance Error	-0.6

DAILY STORAGE BALANCE

21090.0 Reservoir Content Previous Day [ac-ft]
20340.0 Reservoir Content Current Day [ac-ft]
-750.0 Physical Change in Storage [ac-ft]

1351.9 Storage Allocated to Mackay Reservoir [ac-ft]
-1696.5 Stored Flow Losses [ac-ft]
-46.5 2B to Leslie [cfs]
-119.0 Leslie to Moore [cfs]
-689.8 Eastside [cfs]
0.0 River blw Moore [cfs]
-389.2 Storage Delivered [ac-ft]
4.5 Reservoir to 2B [cfs]
62.3 2B to Leslie [cfs]
80.1 Leslie to Moore [cfs]
49.3 Eastside to blw Munsey [cfs]
-16.6 Evaporation [ac-ft]
-750.4 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1084.2 Natural Flow into Mackay Reservoir [cfs]

681.6 Reservoir Rights Diverted [cfs]
71.5 Natural Flow Losses below Reservoir [cfs]
-17.5 2B to Leslie [cfs]
-33.2 Leslie to Moore [cfs]
-20.8 Eastside as River [cfs]
331.2 Natural Flow Delivered [cfs]
9.5 Reservoir to 2B [cfs]
113.8 2B to Leslie [cfs]
120.5 Leslie to Moore [cfs]
87.4 Eastside to blw Munsey [cfs]
1084.3 Natural Flow Delivered & Lost [cfs]

-0.1 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	847.2			15.5	-2.6	354.9	354.9	-121.9	14.4%	709.8
Natural Flow	108.2			16.8	-2.8			-15.6		75.8
Stored Flow	739.0			-1.3	0.2			-106.3		634.0
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	354.9	354.9		11.5	-4.8	572.6	-125.7	17.7%	-240.2
Natural Flow				12.8	-5.4	49.6	-13.4		-20.8
Stored Flow				-1.3	0.6	523.0	-112.3		-219.4
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	572.6	102.2	470.4	
Natural Flow	49.6	49.6	0.0	
Stored Flow	523.0	52.6	470.4	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060			13132350
Actual Flow	34.4	812.8	14.0	695.8	572.6
Natural Flow	37.8	70.4	15.6	60.2	49.6
Stored Flow	-3.4	742.4	-1.6	635.6	523.0
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	14.0	4.5	84.5
9 KENT	5.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	28.0	9.5	242.8
9 BITTON	0.0	5.0	69.4	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	4.0	4.0	153.7	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	26.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	136.9	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	90.0	25.9	1030.5
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	1104.1
9 NEILSEN	50.5	4.4	162.4	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	0.0	11.9	5 SUTTER	6.0	2.7	80.2
9 CHILLY	65.0	0.4	215.0	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	12.0	6.7	469.8
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	20.0	0.0	269.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	4.8	4 3IN1	38.6	4.7	251.3
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	150.0	68.7	2121.9
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	127.8	2 EASTSIDE FHDiv	34.4	-3.4	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	7.0	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	53.3	523.0	18705.0
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.2	0.0	0.0	2 MUNSEY	48.9	523.0	18705.0
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	1.8	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.3	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	1.3	25.7	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 22, 2017	1.01	1.01	1.01	100.0%
18750601	483	12	LONGHURST	13121505	9	May 22, 2017	4.19	4.19	4.19	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 23, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 23, 2017	0.01	0.01	0.01	100.0%
18800601	370	530	ARCO	13132365	2	May 25, 2017	0.15	0.26	0.15	100.0%
18800601	93	723	ARCO	13132365	2	May 25, 2017	0.04	0.07	0.04	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 23, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 23, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 23, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 23, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 23, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 22, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 23, 2017	3.00	3.00	3.00	100.0%
18830601	645	464	MOORE	13132050	4	May 25, 2017	0.11	0.13	0.11	100.0%
18830601	2331	465	MOORE	13132050	4	May 25, 2017	0.79	0.95	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	May 25, 2017	1.26	1.51	1.26	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	May 25, 2017	0.21	0.25	0.21	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 25, 2017	0.43	0.52	0.43	100.0%
18830810	2332	1088	MOORE	13132050	4	May 25, 2017	1.50	1.80	1.50	100.0%
18830810	263	393	MOORE	13132050	4	May 25, 2017	0.18	0.22	0.18	100.0%
18830810	96	449	MOORE	13132050	4	May 25, 2017	0.48	0.58	0.48	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 24, 2017	0.68	0.71	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 25, 2017	1.64	1.97	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	May 25, 2017	0.14	0.17	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 24, 2017	0.07	0.07	0.07	100.0%
18840422	201	83	SWAUGER	13127600	5	May 24, 2017	1.12	1.17	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	May 24, 2017	0.82	0.86	0.82	100.0%
18840422	585	951	SWAUGER	13127600	5	May 24, 2017	0.18	0.19	0.18	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 24, 2017	0.55	0.58	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 24, 2017	1.63	1.71	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 24, 2017	2.17	2.27	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 24, 2017	0.20	0.21	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 24, 2017	0.96	1.00	0.96	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 24, 2017	1.44	1.51	1.44	100.0%
18840422	336	1390	BURNETT	13127750	5	May 24, 2017	0.50	0.52	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	May 24, 2017	2.00	2.09	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	May 24, 2017	1.92	2.01	1.92	100.0%
18840422	24	120	SHARP	13126500	6	May 23, 2017	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	May 23, 2017	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	May 23, 2017	3.18	3.18	3.18	100.0%
18840422	397	10	SHARP	13126500	6	May 23, 2017	0.12	0.12	0.12	100.0%
18840422	544	1067	SHARP	13126500	6	May 23, 2017	1.00	1.00	1.00	100.0%
18840422	632	1539	SHARP	13126500	6	May 23, 2017	0.12	0.12	0.12	100.0%
18840422	2525	407	SHARP	13126500	6	May 23, 2017	0.08	0.08	0.08	100.0%
18840422	390	406	SHARP	13126500	6	May 23, 2017	0.09	0.09	0.09	100.0%
18840430	119	1366	BURNETT	13127750	5	May 24, 2017	0.40	0.42	0.40	100.0%
18840430	73	194	BURNETT	13127750	5	May 24, 2017	0.77	0.81	0.77	100.0%
18840430	73	193	BURNETT	13127750	5	May 24, 2017	1.23	1.29	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	May 24, 2017	1.60	1.67	1.60	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 23, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 23, 2017	0.22	0.22	0.22	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 25, 2017	0.16	0.19	0.16	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 25, 2017	1.15	1.38	1.15	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 25, 2017	0.18	0.22	0.18	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 25, 2017	0.80	0.96	0.80	100.0%
18840520	263	394	MOORE	13132050	4	May 25, 2017	0.22	0.26	0.22	100.0%
18840520	645	462	MOORE	13132050	4	May 25, 2017	0.31	0.37	0.31	100.0%
18840520	427	1	MOORE	13132050	4	May 25, 2017	0.88	1.05	0.88	100.0%
18840520	459	797	MOORE	13132050	4	May 25, 2017	1.20	1.44	1.20	100.0%

18840520	340	816	MOORE	13132050	4	May 25, 2017	0.30	0.36	0.30	100.0%
18840520	96	451	MOORE	13132050	4	May 25, 2017	0.58	0.70	0.58	100.0%
18840520	219	547	MOORE	13132050	4	May 25, 2017	1.15	1.38	1.15	100.0%
18840520	459	1478	MOORE	13132050	4	May 25, 2017	0.01	0.01	0.01	100.0%
18840520	2331	471	MOORE	13132050	4	May 25, 2017	1.71	2.05	1.71	100.0%
18840520	2335	265	MOORE	13132050	4	May 25, 2017	0.72	0.86	0.72	100.0%
18840520	433	271	MOORE	13132050	4	May 25, 2017	0.54	0.65	0.54	100.0%
18840520	66	266	MOORE	13132050	4	May 25, 2017	0.02	0.02	0.02	100.0%
18840520	2333	657	MOORE	13132050	4	May 25, 2017	0.84	1.01	0.84	100.0%
18840520	2331	463	MOORE	13132050	4	May 25, 2017	2.24	2.68	2.24	100.0%
18840531	338	122	DARLINGTON	13127735	5	May 24, 2017	0.72	0.75	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	May 25, 2017	1.28	1.53	1.28	100.0%
18840601	96	453	MOORE	13132050	4	May 25, 2017	0.21	0.25	0.21	100.0%
18840601	15	131	MOORE	13132050	4	May 25, 2017	0.37	0.44	0.37	100.0%
18840601	263	395	MOORE	13132050	4	May 25, 2017	0.08	0.10	0.08	100.0%
18840601	73	200	BURNETT	13127750	5	May 24, 2017	0.23	0.24	0.23	100.0%
18840601	73	199	BURNETT	13127750	5	May 24, 2017	0.37	0.39	0.37	100.0%
18840601	151	1042	BURNETT	13127750	5	May 24, 2017	0.23	0.24	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	May 24, 2017	0.73	0.77	0.73	100.0%
18840601	138	441	BURNETT	13127750	5	May 24, 2017	0.04	0.04	0.04	100.0%
18840601	297	712	BURNETT	13127750	5	May 24, 2017	0.80	0.84	0.80	100.0%
18840601	360	693	BURNETT	13127750	5	May 24, 2017	0.80	0.84	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 23, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 22, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 22, 2017	0.40	0.40	0.40	100.0%
18840715	417	1194	MOORE	13132050	4	May 25, 2017	1.20	1.44	1.20	100.0%
18840715	115	323	MOORE	13132050	4	May 25, 2017	0.80	0.96	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 25, 2017	0.80	0.96	0.80	100.0%
18840715	15	799	MOORE	13132050	4	May 25, 2017	0.80	0.96	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	May 25, 2017	0.80	0.96	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	May 25, 2017	1.20	1.44	1.20	100.0%
18840731	44	1132	MOORE	13132050	4	May 25, 2017	0.66	0.79	0.66	100.0%
18840731	44	1131	MOORE	13132050	4	May 25, 2017	0.80	0.96	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 25, 2017	0.20	0.24	0.20	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 25, 2017	0.50	0.60	0.50	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 25, 2017	0.27	0.32	0.27	100.0%
18840831	638	772	Upper Eastside &	13132101	2	May 25, 2017	0.40	0.48	0.40	100.0%
18840831	180	276	Upper Eastside &	13132101	2	May 25, 2017	1.31	1.57	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	May 25, 2017	3.20	3.84	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 23, 2017	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	May 24, 2017	0.40	0.42	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	May 24, 2017	0.80	0.84	0.80	100.0%
18841012	205	557	BECK	13130525	4	May 25, 2017	1.76	2.11	1.76	100.0%
18841012	70	341	MOORE	13132050	4	May 25, 2017	0.31	0.37	0.31	100.0%
18841012	459	342	MOORE	13132050	4	May 25, 2017	0.58	0.70	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	May 25, 2017	1.25	1.50	1.25	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 24, 2017	0.81	0.85	0.81	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 24, 2017	3.30	3.45	3.30	100.0%
18841012	317	385	SWAUGER	13127600	5	May 24, 2017	0.74	0.77	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 24, 2017	2.77	2.90	2.77	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 24, 2017	0.22	0.23	0.22	100.0%
18841012	524	11	SWAUGER	13127600	5	May 24, 2017	2.78	2.91	2.78	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 24, 2017	0.80	0.84	0.80	100.0%
18841012	347	1141	SHARP	13126500	6	May 23, 2017	0.84	0.84	0.84	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 24, 2017	2.00	2.09	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 24, 2017	0.61	0.64	0.61	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 24, 2017	1.10	1.15	1.10	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 24, 2017	0.79	0.83	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 24, 2017	1.65	1.73	1.65	100.0%
18850501	672	1630	Lower Eastside &	13132291	2	May 25, 2017	0.20	0.24	0.20	100.0%
18850501	672	1629	Lower Eastside &	13132291	2	May 25, 2017	1.80	2.16	1.80	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	May 25, 2017	1.60	1.92	1.60	100.0%
18850501	468	59	ARCO	13132365	2	May 25, 2017	0.74	1.26	0.74	100.0%
18850501	423	87	Lower Eastside &	13132291	2	May 25, 2017	0.20	0.24	0.20	100.0%

18850501	423	186	Lower Eastside &	13132291	2	May 25, 2017	0.26	0.31	0.26	100.0%
18850501	426	887	ARCO	13132365	2	May 25, 2017	0.64	1.09	0.64	100.0%
18850501	255	401	NEILSEN	13120805	9	May 22, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 22, 2017	2.80	2.80	2.80	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	May 25, 2017	0.20	0.24	0.20	100.0%
18850512	251	22	Upper Eastside &	13132101	2	May 25, 2017	0.12	0.14	0.12	100.0%
18850515	359	1034	MOORE	13132050	4	May 25, 2017	0.52	0.62	0.52	100.0%
18850530	282	1190	SUTTER	13128105	5	May 24, 2017	0.20	0.21	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	May 25, 2017	2.52	3.02	2.52	100.0%
18850531	63	1354	MOORE	13132050	4	May 25, 2017	1.20	1.44	1.20	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 24, 2017	3.20	3.35	3.20	100.0%
18850601	205	554	BECK	13130525	4	May 25, 2017	0.59	0.71	0.59	100.0%
18850601	15	859	MOORE	13132050	4	May 25, 2017	0.50	0.60	0.50	100.0%
18850601	212	315	DARLINGTON	13127735	5	May 24, 2017	0.94	0.98	0.94	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 24, 2017	2.60	2.72	2.60	100.0%
18850601	20	949	DARLINGTON	13127735	5	May 24, 2017	0.40	0.42	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	May 24, 2017	1.54	1.61	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	May 23, 2017	1.16	1.16	1.16	100.0%
18850601	544	1184	SHARP	13126500	6	May 23, 2017	0.76	0.76	0.76	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 22, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 24, 2017	3.08	3.22	3.08	100.0%
18851002	437	62	ARCO	13132365	2	May 25, 2017	1.54	2.62	1.54	100.0%
18851002	370	1592	ARCO	13132365	2	May 25, 2017	1.16	1.97	1.16	100.0%
18851002	468	61	ARCO	13132365	2	May 25, 2017	3.60	6.12	3.60	100.0%
18851002	93	726	ARCO	13132365	2	May 25, 2017	0.50	0.85	0.50	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 23, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 25, 2017	4.52	5.42	4.52	100.0%
18860501	305	927	3IN1	13130605	4	May 25, 2017	0.86	1.04	0.86	100.0%
18860501	417	644	MOORE	13132050	4	May 25, 2017	1.20	1.44	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 25, 2017	2.80	3.36	2.80	100.0%
18860512	96	459	MOORE	13132050	4	May 25, 2017	0.48	0.58	0.48	100.0%
18860512	263	398	MOORE	13132050	4	May 25, 2017	0.18	0.22	0.18	100.0%
18860601	69	881	Upper Eastside &	13132101	2	May 25, 2017	1.52	1.82	1.52	100.0%
18860601	482	867	Upper Eastside &	13132101	2	May 25, 2017	0.96	1.15	0.96	100.0%
18860601	339	1010	MOORE	13132050	4	May 25, 2017	0.68	0.81	0.68	100.0%
18860601	16	1009	MOORE	13132050	4	May 25, 2017	2.52	3.02	2.52	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 23, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 23, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 25, 2017	0.94	1.13	0.94	100.0%
18860721	336	294	BURNETT	13127750	5	May 24, 2017	0.80	0.84	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 24, 2017	3.00	3.14	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 25, 2017	0.84	1.01	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 23, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 24, 2017	1.24	1.30	1.24	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	May 25, 2017	0.80	0.96	0.80	100.0%
18870313	459	338	MOORE	13132050	4	May 25, 2017	0.42	0.50	0.42	100.0%
18870313	433	683	MOORE	13132050	4	May 25, 2017	0.70	0.84	0.70	100.0%
18870313	70	337	MOORE	13132050	4	May 25, 2017	0.23	0.28	0.23	100.0%
18870313	73	202	BURNETT	13127750	5	May 24, 2017	0.65	0.68	0.65	100.0%
18870313	73	201	BURNETT	13127750	5	May 24, 2017	1.05	1.10	1.05	100.0%
18870313	360	681	BURNETT	13127750	5	May 24, 2017	0.80	0.84	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 22, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 23, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	May 25, 2017	3.20	5.44	3.20	100.0%
18870601	423	1028	Lower Eastside &	13132291	2	May 25, 2017	1.80	2.16	1.80	100.0%
18870601	468	893	ARCO	13132365	2	May 25, 2017	1.40	2.38	1.40	100.0%
18870601	423	76	Lower Eastside &	13132291	2	May 25, 2017	0.22	0.26	0.22	100.0%
18870601	305	1351	3IN1	13130605	4	May 25, 2017	1.00	1.20	1.00	100.0%
18870601	252	353	DARLINGTON	13127735	5	May 24, 2017	0.43	0.45	0.43	100.0%
18870601	73	195	BURNETT	13127750	5	May 24, 2017	1.11	1.16	1.11	100.0%
18870601	73	196	BURNETT	13127750	5	May 24, 2017	0.69	0.72	0.69	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 23, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Telling 1	13123060	8	May 23, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 22, 2017	0.47	0.47	0.47	100.0%

18870601	483	1270	LONGHURST	13121505	9	May 22, 2017	1.94	1.94	1.94	100.0%
18870630	236	1428	BECK	13130525	4	May 25, 2017	0.80	0.96	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 24, 2017	0.80	0.84	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 24, 2017	0.80	0.84	0.80	100.0%
18870701	423	102	Lower Eastside &	13132291	2	May 25, 2017	0.44	0.53	0.44	100.0%
18870801	73	189	BURNETT	13127750	5	May 24, 2017	0.62	0.65	0.62	100.0%
18870801	119	1166	BURNETT	13127750	5	May 24, 2017	0.27	0.28	0.27	100.0%
18870801	73	190	BURNETT	13127750	5	May 24, 2017	0.38	0.40	0.38	100.0%
18870831	119	1154	BURNETT	13127750	5	May 24, 2017	1.20	1.26	1.20	100.0%
18880601	223	889	Upper Eastside &	13132101	2	May 25, 2017	1.76	2.11	1.76	100.0%
18880601	437	670	ARCO	13132365	2	May 25, 2017	0.33	0.56	0.33	100.0%
18880601	427	669	ARCO	13132365	2	May 25, 2017	0.81	1.37	0.81	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 24, 2017	0.98	1.03	0.98	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 24, 2017	0.33	0.34	0.33	100.0%
18880601	347	1138	SHARP	13126500	6	May 23, 2017	1.27	1.27	1.27	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 23, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 22, 2017	0.23	0.23	0.23	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 22, 2017	0.97	0.97	0.97	100.0%
18880601	629	1497	HOWELL	13120490	10	May 21, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	May 25, 2017	0.22	0.26	0.22	100.0%
18890601	599	1552	MOORE	13132050	4	May 25, 2017	0.35	0.42	0.35	100.0%
18890601	652	1566	MOORE	13132050	4	May 25, 2017	0.50	0.60	0.50	100.0%
18890601	441	205	MOORE	13132050	4	May 25, 2017	0.97	1.16	0.97	100.0%
18890601	463	1396	MOORE	13132050	4	May 25, 2017	0.20	0.24	0.20	100.0%
18890601	336	979	BURNETT	13127750	5	May 24, 2017	0.56	0.59	0.56	100.0%
18890601	119	996	BURNETT	13127750	5	May 24, 2017	0.12	0.13	0.12	100.0%
18890601	589	716	BURNETT	13127750	5	May 24, 2017	2.70	2.83	2.70	100.0%
18890601	475	969	BURNETT	13127750	5	May 24, 2017	1.20	1.26	1.20	100.0%
18900601	372	886	ARCO	13132365	2	May 25, 2017	0.59	1.00	0.59	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 23, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 23, 2017	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 22, 2017	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 22, 2017	1.76	1.76	1.76	100.0%
18910630	205	555	BECK	13130525	4	May 25, 2017	0.31	0.37	0.31	100.0%
18910801	307	77	CHILLY	13121105	9	May 22, 2017	5.20	5.20	5.20	100.0%
18920501	468	60	ARCO	13132365	2	May 25, 2017	1.22	2.08	1.22	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 23, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 23, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 25, 2017	0.22	0.26	0.22	100.0%
18930323	77	366	MOORE	13132050	4	May 25, 2017	1.60	1.92	1.60	100.0%
18930323	77	688	MOORE	13132050	4	May 25, 2017	1.50	1.80	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 23, 2017	0.74	0.74	0.74	100.0%
18940310	265	1223	BURNETT	13127750	5	May 24, 2017	2.80	2.93	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 24, 2017	0.44	0.46	0.44	100.0%
18940310	386	268	SUTTER	13128105	5	May 24, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 22, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 23, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 25, 2017	0.80	0.96	0.80	100.0%
18940531	77	800	MOORE	13132050	4	May 25, 2017	0.74	0.89	0.74	100.0%
18940531	5	776	MOORE	13132050	4	May 25, 2017	0.20	0.24	0.20	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 25, 2017	3.20	3.84	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 25, 2017	0.15	0.18	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 24, 2017	0.11	0.12	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	May 24, 2017	1.60	1.67	1.60	100.0%
18940601	390	408	SHARP	13126500	6	May 23, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 22, 2017	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	May 24, 2017	0.30	0.31	0.30	100.0%
18940926	381	866	DARLINGTON	13127735	5	May 24, 2017	0.38	0.40	0.38	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 24, 2017	1.10	1.15	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 22, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	May 25, 2017	0.80	0.96	0.80	100.0%
18950601	417	378	MOORE	13132050	4	May 25, 2017	0.10	0.12	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 24, 2017	1.96	2.05	1.96	100.0%
18950601	445	411	NEILSEN	13120805	9	May 22, 2017	0.02	0.02	0.02	100.0%

18950601	445	410	NEILSEN	13120805	9	May 22, 2017	0.18	0.18	0.18	100.0%
18950630	265	1224	BURNETT	13127750	5	May 24, 2017	2.62	2.74	2.62	100.0%
18960302	402	872	MOORE	13132050	4	May 25, 2017	0.25	0.30	0.25	100.0%
18960302	309	873	MOORE	13132050	4	May 25, 2017	0.25	0.30	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 23, 2017	0.50	0.50	0.50	100.0%
18960601	144	53	Lower Eastside &	13132291	2	May 25, 2017	1.47	1.76	1.47	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 25, 2017	0.70	0.84	0.70	100.0%
18960601	45	998	Lower Eastside &	13132291	2	May 25, 2017	0.16	0.19	0.16	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	May 25, 2017	0.04	0.04	0.04	100.0%
18960601	180	278	Upper Eastside &	13132101	2	May 25, 2017	0.41	0.49	0.41	100.0%
18960601	441	207	MOORE	13132050	4	May 25, 2017	1.00	1.20	1.00	100.0%
18960601	13	1119	MOORE	13132050	4	May 25, 2017	0.40	0.48	0.40	100.0%
18960601	339	1118	MOORE	13132050	4	May 25, 2017	1.57	1.88	1.57	100.0%
18960601	459	993	MOORE	13132050	4	May 25, 2017	0.40	0.48	0.40	100.0%
18960601	463	128	MOORE	13132050	4	May 25, 2017	1.60	1.92	1.60	100.0%
18960601	402	876	MOORE	13132050	4	May 25, 2017	0.08	0.10	0.08	100.0%
18960601	652	1567	MOORE	13132050	4	May 25, 2017	0.40	0.48	0.40	100.0%
18960601	2334	1495	MOORE	13132050	4	May 25, 2017	2.40	2.88	2.40	100.0%
18960601	263	399	MOORE	13132050	4	May 25, 2017	0.27	0.32	0.27	100.0%
18960601	263	397	MOORE	13132050	4	May 25, 2017	0.35	0.42	0.35	100.0%
18960601	15	1106	MOORE	13132050	4	May 25, 2017	1.17	1.40	1.17	100.0%
18960601	96	461	MOORE	13132050	4	May 25, 2017	0.33	0.40	0.33	100.0%
18960601	309	877	MOORE	13132050	4	May 25, 2017	0.08	0.10	0.08	100.0%
18960601	96	457	MOORE	13132050	4	May 25, 2017	0.92	1.10	0.92	100.0%
18960601	417	381	MOORE	13132050	4	May 25, 2017	2.40	2.88	2.40	100.0%
18960601	417	992	MOORE	13132050	4	May 25, 2017	1.20	1.44	1.20	100.0%
18960601	252	359	DARLINGTON	13127735	5	May 24, 2017	0.79	0.83	0.79	100.0%
18960601	381	1180	DARLINGTON	13127735	5	May 24, 2017	1.15	1.20	1.15	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 23, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 25, 2017	2.00	3.40	2.00	100.0%
18960801	280	1186	SHARP	13126500	6	May 23, 2017	0.10	0.10	0.10	100.0%
18960901	437	671	ARCO	13132365	2	May 25, 2017	0.13	0.22	0.13	100.0%
18960901	427	672	ARCO	13132365	2	May 25, 2017	0.32	0.54	0.32	100.0%
18960928	150	215	MUNSEY	13132375	2	May 25, 2017	1.97	3.35	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	May 25, 2017	0.03	0.05	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	May 25, 2017	0.51	0.87	0.51	100.0%
18970510	427	6	ARCO	13132365	2	May 25, 2017	4.29	7.29	4.29	100.0%
18970510	437	664	ARCO	13132365	2	May 25, 2017	1.74	2.96	1.74	100.0%
18970510	47	92	DARLINGTON	13127735	5	May 24, 2017	3.72	3.89	1.99	53.5%
18970510	73	191	BURNETT	13127750	5	May 24, 2017	0.92	0.96	0.92	100.0%
18970510	73	192	BURNETT	13127750	5	May 24, 2017	0.58	0.61	0.58	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 25, 2017	1.34	1.61	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 22, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 24, 2017	3.20	3.35	3.20	100.0%
18970615	180	280	Upper Eastside &	13132101	2	May 25, 2017	0.13	0.16	0.13	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 25, 2017	0.24	0.29	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 23, 2017	2.40	2.40	2.40	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	May 25, 2017	0.65	0.78	0.65	100.0%
18980601	437	1310	ARCO	13132365	2	May 25, 2017	1.60	2.72	1.60	100.0%
18980601	483	1274	CHILLY	13121105	9	May 22, 2017	0.47	0.47	0.47	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 22, 2017	1.94	1.94	1.94	100.0%
18980901	268	562	ARCO	13132365	2	May 25, 2017	1.57	2.67	1.57	100.0%
18980901	122	821	ARCO	13132365	2	May 25, 2017	0.10	0.18	0.10	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 23, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 23, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	May 25, 2017	0.98	1.17	0.98	100.0%
18990327	180	468	Upper Eastside &	13132101	2	May 25, 2017	0.05	0.06	0.05	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 25, 2017	0.84	1.01	0.84	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 25, 2017	0.29	0.35	0.29	100.0%
18990327	433	272	MOORE	13132050	4	May 25, 2017	0.48	0.58	0.48	100.0%
18990327	219	549	MOORE	13132050	4	May 25, 2017	0.05	0.06	0.05	100.0%
18990327	459	1090	MOORE	13132050	4	May 25, 2017	0.60	0.72	0.60	100.0%
18990327	459	1477	MOORE	13132050	4	May 25, 2017	0.01	0.01	0.01	100.0%
18990501	427	934	ARCO	13132365	2	May 25, 2017	0.21	0.35	0.21	100.0%

18990518	151	1044	BURNETT	13127750	5	May 24, 2017	0.15	0.16	0.15	100.0%
18990518	138	443	BURNETT	13127750	5	May 24, 2017	0.02	0.02	0.02	100.0%
18990518	73	203	BURNETT	13127750	5	May 24, 2017	0.25	0.26	0.25	100.0%
18990518	73	204	BURNETT	13127750	5	May 24, 2017	0.15	0.16	0.15	100.0%
18990601	201	705	SWAUGER	13127600	5	May 24, 2017	0.28	0.30	0.28	100.0%
18990601	360	704	BURNETT	13127750	5	May 24, 2017	1.20	1.26	1.20	100.0%
18990601	490	981	BURNETT	13127750	5	May 24, 2017	0.34	0.36	0.34	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 22, 2017	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 22, 2017	2.74	2.74	2.74	100.0%
19000323	77	44	MOORE	13132050	4	May 25, 2017	0.66	0.79	0.66	100.0%
19000601	386	270	SUTTER	13128105	5	May 24, 2017	0.08	0.08	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 22, 2017	6.40	6.40	6.40	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 23, 2017	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	May 25, 2017	0.23	0.28	0.23	100.0%
19010901	70	339	MOORE	13132050	4	May 25, 2017	0.12	0.14	0.12	100.0%
19010901	433	685	MOORE	13132050	4	May 25, 2017	0.50	0.60	0.50	100.0%
19010901	73	197	BURNETT	13127750	5	May 24, 2017	0.16	0.17	0.16	100.0%
19010901	151	1039	BURNETT	13127750	5	May 24, 2017	0.08	0.08	0.08	100.0%
19010901	138	439	BURNETT	13127750	5	May 24, 2017	0.02	0.02	0.02	100.0%
19010901	73	198	BURNETT	13127750	5	May 24, 2017	0.02	0.02	0.02	100.0%
19011001	263	396	MOORE	13132050	4	May 25, 2017	0.14	0.17	0.14	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 22, 2017	2.60	2.60	2.60	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	May 25, 2017	0.20	0.24	0.20	100.0%
19020301	15	81	MOORE	13132050	4	May 25, 2017	0.46	0.55	0.46	100.0%
19020301	13	1122	MOORE	13132050	4	May 25, 2017	0.31	0.37	0.31	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 23, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 22, 2017	0.90	0.90	0.90	100.0%
19020301	364	952	CHILLY	13121105	9	May 22, 2017	3.20	3.20	3.20	100.0%
19020301	483	1500	CHILLY	13121105	9	May 22, 2017	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 22, 2017	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 22, 2017	1.60	1.60	1.60	100.0%
19020301	307	834	CHILLY	13121105	9	May 22, 2017	2.40	2.40	2.40	100.0%
19020301	310	836	CHILLY	13121105	9	May 22, 2017	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	May 22, 2017	3.85	3.85	3.85	100.0%
19020304	129	1062	CHILLY	13121105	9	May 22, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 22, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 22, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 25, 2017	1.50	1.80	1.50	100.0%
19020501	310	631	CHILLY	13121105	9	May 22, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 21, 2017	0.62	0.62	0.62	100.0%
19020601	339	1015	MOORE	13132050	4	May 25, 2017	0.66	0.79	0.66	100.0%
19020601	16	1014	MOORE	13132050	4	May 25, 2017	0.92	1.10	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 23, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 22, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 22, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 23, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 23, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 25, 2017	1.46	1.75	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	May 24, 2017	0.08	0.08	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 24, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	May 22, 2017	1.03	1.03	1.03	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 23, 2017	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 23, 2017	0.02	0.02	0.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 23, 2017	0.13	0.13	0.13	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 22, 2017	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 22, 2017	0.62	0.62	0.62	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 22, 2017	0.65	0.65	0.65	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 22, 2017	0.40	0.40	0.40	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 22, 2017	3.00	3.00	3.00	100.0%
19050501	130	74	NEILSEN	13120805	9	May 22, 2017	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 22, 2017	0.82	0.82	0.82	100.0%
19050501	403	811	NEILSEN	13120805	9	May 22, 2017	0.30	0.30	0.30	100.0%
19050501	255	402	NEILSEN	13120805	9	May 22, 2017	0.50	0.50	0.50	100.0%
19050501	129	1063	CHILLY	13121105	9	May 22, 2017	0.80	0.80	0.80	100.0%

19050501	364	690	CHILLY	13121105	9	May 22, 2017	1.10	1.10	1.10	100.0%
19050501	310	115	CHILLY	13121105	9	May 22, 2017	1.90	1.90	1.90	100.0%
19050501	373	432	CHILLY	13121105	9	May 22, 2017	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	May 22, 2017	0.40	0.40	0.40	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 22, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 21, 2017	2.58	2.58	2.58	100.0%
19060620	364	691	CHILLY	13121105	9	May 22, 2017	0.50	0.50	0.50	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 22, 2017	1.08	1.08	1.08	100.0%
19070501	575	322	NEILSEN	13120805	9	May 22, 2017	1.48	1.48	1.48	100.0%
19070501	358	321	NEILSEN	13120805	9	May 22, 2017	1.52	1.52	1.52	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 22, 2017	0.48	0.48	0.48	100.0%
19080401	314	73	NEILSEN	13120805	9	May 22, 2017	2.04	2.04	2.04	100.0%
19080715	364	692	CHILLY	13121105	9	May 22, 2017	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	May 25, 2017	0.33	0.40	0.33	100.0%
19081207	70	343	MOORE	13132050	4	May 25, 2017	0.04	0.05	0.04	100.0%
19100501	131	69	Donahue 1	13122230	8	May 23, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 23, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 22, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 22, 2017	0.80	0.80	0.80	100.0%
19120227	364	954	CHILLY	13121105	9	May 22, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 23, 2017	1.20	1.20	1.20	100.0%
19120501	310	632	CHILLY	13121105	9	May 22, 2017	0.80	0.80	0.80	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 22, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 22, 2017	0.03	0.03	0.03	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 22, 2017	2.40	2.40	2.40	100.0%
19121014	130	75	NEILSEN	13120805	9	May 22, 2017	1.70	1.70	1.70	100.0%
19121014	403	813	NEILSEN	13120805	9	May 22, 2017	2.10	2.10	2.10	100.0%
19131206	575	1379	NEILSEN	13120805	9	May 22, 2017	1.72	1.72	1.72	100.0%
19131224	373	25	CHILLY	13121105	9	May 22, 2017	1.60	1.60	1.60	100.0%
19140601	445	413	NEILSEN	13120805	9	May 22, 2017	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	May 22, 2017	0.18	0.18	0.18	100.0%
19150504	310	636	CHILLY	13121105	9	May 22, 2017	0.42	0.42	0.42	100.0%
19150504	373	434	CHILLY	13121105	9	May 22, 2017	0.59	0.59	0.59	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 22, 2017	1.58	1.58	1.58	100.0%
19160501	373	26	CHILLY	13121105	9	May 22, 2017	0.41	0.41	0.41	100.0%
19160501	129	633	CHILLY	13121105	9	May 22, 2017	0.80	0.80	0.80	100.0%
19160501	310	634	CHILLY	13121105	9	May 22, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 23, 2017	1.36	1.36	1.36	100.0%
19170620	307	71	NEILSEN	13120805	9	May 22, 2017	0.80	0.80	0.80	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 23, 2017	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	May 25, 2017	0.01	0.02	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	May 25, 2017	0.79	1.34	0.79	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	May 23, 2017	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	May 25, 2017	0.50	0.60	0.50	100.0%
19440508	437	737	ARCO	13132365	2	May 25, 2017	1.16	1.97	1.16	100.0%
19540821	2526	717	MUNSEY	13132375	2	May 25, 2017	1.20	2.04	1.20	100.0%
19740402	150	220	MUNSEY	13132375	2	May 25, 2017	0.02	0.03	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 25, 2017	4.40	7.49	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 25, 2017	10.26	17.45	10.26	100.0%
19770529	327	176	MUNSEY	13132375	2	May 25, 2017	1.34	2.28	1.34	100.0%
19950203	476	1272	3IN1	13130605	4	May 25, 2017	32.00	38.35	32.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 25, 2017	9.00	10.79	9.00	100.0%
19950411	476	1273	BURNETT	13127750	5	May 24, 2017	18.36	19.21	18.36	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 22, 2017	4.00	4.00	4.00	100.0%
19950411	476	1273	CHILLY	13121105	9	May 22, 2017	10.00	10.00	10.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 23, 2017	10000.00	10000.00	666.29	6.7%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 22	1080.0	4.8		1084.8	0.00	1084.8	4.8	0.0		1080.0	0.0	
9	Howell to Chilly	May 23	3.8	152.5		-923.7	0.86	161.1	137.7	14.8		18.6	-14.8	
8	Chilly to Reservoir	* May 24	1428.9	73.0		1498.1	0.00	1659.1	70.8	2.2		1445.9	-17.0	
	Disconnected													
7	Mackay Reservoir	* May 24	1444.0	0.0		1428.9	0.00	1428.9	1022.4			406.5		
6	Reservoir to 2B	May 24	1430.0	14.0		0.0	0.00	1419.4	9.5	4.5		397.0	1033.0	
5	2B to Leslie	May 25	1200.0	176.0		-54.0	0.04	1293.2	111.2	64.8		270.8	929.2	
4	Leslie to Eastside In	May 26	885.9	204.8		-109.3	0.09	1146.9	121.7	83.1		124.4	761.5	
2a	Eastside In To Weirs	* May 26	740.6	15.5	0.0	-129.8	0.15	1111.7	17.0	-1.5		89.2	651.4	0.0
2b	Weirs To Eastside Out	* May 26	595.5	12.1	0.0	-133.0	0.18	1083.1	12.6	-0.5		60.6	534.9	0.0
2c	Eastside Out To Blw Muns	* May 26	486.2	109.3	0.0	0.0	0.00	1022.4	60.6	48.7	0.0	0.0	486.2	0.0
1	Blw Munsey to Arco	May 26	385.0	0.0		-101.2	0.21	1013.8	0.0	0.0		0.0	486.2	
3	River blw Moore Div	May 26	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
* - Indicates flow estimated, not measured							TOTAL		1568.3	216.1	0.0			

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 22	0.0		20090101	10%	1	18800630	3.2	556.5	152.3	
9	Howell to Chilly	May 23	-923.7		20090101	10%	2	18810630	1.7	294.0	80.9	
8	Chilly to Reservoir	May 24	0.0		20090101	10%	3	18880601	3.2	556.5	152.3	
	Disconnected						4	18960601	6.4	1113.0	304.7	
7	Mackay Reservoir	May 24	0.0		20090101	10%	5	19020301	0.8	140.0	38.1	
6	Reservoir to 2B	May 24	0.0	0.0	20090101	10%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 25	-15.0	-39.0	20090101	10%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 26	-24.7	-84.6	20090101	10%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 26	-18.2	-111.6	0.0	20090101	10%	9	Add Vol	Unlimited	200000.0	73585.6
2b	Weirs To Eastside Out	May 26	-16.0	-117.0	0.0	20090101	10%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 26	0.0	0.0	0.0	20090101	10%	TOTAL		296511.0	118164.9	
1	Blw Munsey to Arco	May 26	0.0	-486.2	0.0	20090101	10%					
3	River blw Moore Div	May 26	0.0	0.0	20090101	10%						
TOTAL			-997.7	-838.8	0.0							

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
20340.0	20290.0		-50.0	-25.2	10.1	332.6	198.7	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	49464.9
Total Storage Loss	-37929.8
Total Storage Deliver	-7400.2
Total Evaporation	-325.4
Accounting Balance	<u>20289.5</u>
Current Res Content	20290.0
Storage Balance Error	-0.5

DAILY STORAGE BALANCE

20340.0 Reservoir Content Previous Day [ac-ft]
20290.0 Reservoir Content Current Day [ac-ft]
-50.0 Physical Change in Storage [ac-ft]

2028.0 Storage Allocated to Mackay Reservoir [ac-ft]
-1663.8 Stored Flow Losses [ac-ft]
-39.0 2B to Leslie [cfs]
-84.6 Leslie to Moore [cfs]
-715.2 Eastside [cfs]
0.0 River blw Moore [cfs]
-394.1 Storage Delivered [ac-ft]
4.5 Reservoir to 2B [cfs]
64.8 2B to Leslie [cfs]
83.1 Leslie to Moore [cfs]
46.3 Eastside to blw Munsey [cfs]
-20.0 Evaporation [ac-ft]
-49.9 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1428.9 Natural Flow into Mackay Reservoir [cfs]

1022.4 Reservoir Rights Diverted [cfs]
65.7 Natural Flow Losses below Reservoir [cfs]
-15.0 2B to Leslie [cfs]
-24.7 Leslie to Moore [cfs]
-26.0 Eastside as River [cfs]
340.9 Natural Flow Delivered [cfs]
9.5 Reservoir to 2B [cfs]
111.2 2B to Leslie [cfs]
121.7 Leslie to Moore [cfs]
98.5 Eastside to blw Munsey [cfs]
1429.0 Natural Flow Delivered & Lost [cfs]

-0.1 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	885.9			15.5	-2.7	370.3	370.3	-129.8	14.7%	740.6
Natural Flow	124.4			17.0	-2.9			-18.2		89.2
Stored Flow	761.5			-1.5	0.3			-111.6		651.4
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	370.3	370.3		12.1	-5.2	595.5	-133.0	18.0%	-255.0
Natural Flow				12.6	-5.4	60.6	-16.0		-26.0
Stored Flow				-0.5	0.2	534.9	-117.0		-229.0
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow	Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey
Gage #	13132350		13132390
Actual Flow	595.5	109.3	486.2
Natural Flow	60.6	60.6	0.0
Stored Flow	534.9	48.7	486.2
Exchange Flow	0.0	0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060			13132350
Actual Flow	35.4	850.5	14.7	725.9	595.5
Natural Flow	37.8	86.6	15.3	73.9	60.6
Stored Flow	-2.4	763.9	-0.6	651.9	534.9
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	14.0	4.5	93.5
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	28.0	9.5	261.6
9 BITTON	0.0	0.0	69.4	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.0	6.0	165.6	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	26.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	144.8	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	90.0	28.4	1086.9
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	1152.1
9 NEILSEN	50.5	4.4	171.1	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	0.0	11.9	5 SUTTER	6.0	2.7	85.4
9 CHILLY	65.0	0.4	215.8	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	16.0	10.8	491.2
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	20.0	0.0	269.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	4.8	4 3IN1	38.8	4.9	261.1
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	150.0	67.4	2255.6
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	129.6	2 EASTSIDE FHDiv	35.4	-2.4	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	51.2	534.9	19765.9
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.2	0.0	0.0	2 MUNSEY	58.1	534.9	19765.9
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	1.8	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.3	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	1.3	28.2	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 23, 2017	1.01	1.01	1.01	100.0%
18750601	483	12	LONGHURST	13121505	9	May 23, 2017	4.19	4.19	4.19	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 24, 2017	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 24, 2017	0.59	0.59	0.59	100.0%
18800601	93	723	ARCO	13132365	2	May 26, 2017	0.04	0.07	0.04	100.0%
18800601	370	530	ARCO	13132365	2	May 26, 2017	0.15	0.24	0.15	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 24, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 24, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 24, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 24, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 24, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 23, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 24, 2017	3.00	3.00	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	May 26, 2017	1.24	1.42	1.24	100.0%
18830601	2331	465	MOORE	13132050	4	May 26, 2017	0.79	0.90	0.79	100.0%
18830601	645	464	MOORE	13132050	4	May 26, 2017	0.11	0.13	0.11	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 26, 2017	0.43	0.49	0.43	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	May 26, 2017	0.21	0.24	0.21	100.0%
18830810	96	449	MOORE	13132050	4	May 26, 2017	0.48	0.55	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	May 26, 2017	1.48	1.69	1.48	100.0%
18830810	263	393	MOORE	13132050	4	May 26, 2017	0.18	0.21	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	May 26, 2017	0.18	0.21	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 25, 2017	0.68	0.71	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 26, 2017	1.64	1.88	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	May 26, 2017	0.14	0.16	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	May 25, 2017	0.82	0.85	0.82	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 25, 2017	0.07	0.07	0.07	100.0%
18840422	201	83	SWAUGER	13127600	5	May 25, 2017	1.12	1.16	1.12	100.0%
18840422	585	951	SWAUGER	13127600	5	May 25, 2017	0.18	0.19	0.18	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 25, 2017	0.20	0.21	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 25, 2017	0.96	1.00	0.96	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 25, 2017	0.55	0.57	0.55	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 25, 2017	1.44	1.50	1.44	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 25, 2017	2.17	2.26	2.17	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 25, 2017	1.63	1.69	1.63	100.0%
18840422	525	1465	BURNETT	13127750	5	May 25, 2017	1.92	2.00	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	May 25, 2017	2.00	2.08	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	May 25, 2017	0.50	0.52	0.50	100.0%
18840422	103	1289	SHARP	13126500	6	May 24, 2017	0.64	0.64	0.64	100.0%
18840422	24	120	SHARP	13126500	6	May 24, 2017	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	May 24, 2017	3.18	3.18	3.18	100.0%
18840422	390	406	SHARP	13126500	6	May 24, 2017	0.09	0.09	0.09	100.0%
18840422	544	1067	SHARP	13126500	6	May 24, 2017	1.00	1.00	1.00	100.0%
18840422	2525	407	SHARP	13126500	6	May 24, 2017	0.08	0.08	0.08	100.0%
18840422	397	10	SHARP	13126500	6	May 24, 2017	0.12	0.12	0.12	100.0%
18840422	632	1539	SHARP	13126500	6	May 24, 2017	0.12	0.12	0.12	100.0%
18840430	360	67	BURNETT	13127750	5	May 25, 2017	1.60	1.66	1.60	100.0%
18840430	73	194	BURNETT	13127750	5	May 25, 2017	0.77	0.80	0.77	100.0%
18840430	119	1366	BURNETT	13127750	5	May 25, 2017	0.40	0.42	0.40	100.0%
18840430	73	193	BURNETT	13127750	5	May 25, 2017	1.23	1.28	1.23	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 24, 2017	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 24, 2017	1.80	1.80	1.80	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 26, 2017	1.15	1.31	1.15	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 26, 2017	0.16	0.18	0.16	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 26, 2017	0.18	0.21	0.18	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 26, 2017	0.80	0.91	0.80	100.0%
18840520	85	1584	MOORE	13132050	4	May 26, 2017	0.22	0.25	0.22	100.0%
18840520	645	462	MOORE	13132050	4	May 26, 2017	0.31	0.35	0.31	100.0%
18840520	66	266	MOORE	13132050	4	May 26, 2017	0.02	0.02	0.02	100.0%

18840520	2333	657	MOORE	13132050	4	May 26, 2017	0.84	0.96	0.84	100.0%
18840520	433	271	MOORE	13132050	4	May 26, 2017	0.54	0.62	0.54	100.0%
18840520	96	451	MOORE	13132050	4	May 26, 2017	0.58	0.66	0.58	100.0%
18840520	2331	463	MOORE	13132050	4	May 26, 2017	2.24	2.56	2.24	100.0%
18840520	2331	471	MOORE	13132050	4	May 26, 2017	1.65	1.89	1.65	100.0%
18840520	340	816	MOORE	13132050	4	May 26, 2017	0.30	0.34	0.30	100.0%
18840520	427	1	MOORE	13132050	4	May 26, 2017	0.86	0.98	0.86	100.0%
18840520	263	394	MOORE	13132050	4	May 26, 2017	0.22	0.25	0.22	100.0%
18840520	219	547	MOORE	13132050	4	May 26, 2017	1.15	1.31	1.15	100.0%
18840520	2335	265	MOORE	13132050	4	May 26, 2017	0.72	0.82	0.72	100.0%
18840520	459	797	MOORE	13132050	4	May 26, 2017	1.20	1.37	1.20	100.0%
18840520	459	1478	MOORE	13132050	4	May 26, 2017	0.01	0.01	0.01	100.0%
18840531	338	122	DARLINGTON	13127735	5	May 25, 2017	0.72	0.75	0.72	100.0%
18840601	15	131	MOORE	13132050	4	May 26, 2017	0.37	0.42	0.37	100.0%
18840601	263	395	MOORE	13132050	4	May 26, 2017	0.08	0.09	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	May 26, 2017	1.28	1.46	1.28	100.0%
18840601	96	453	MOORE	13132050	4	May 26, 2017	0.21	0.24	0.21	100.0%
18840601	85	1544	MOORE	13132050	4	May 26, 2017	0.09	0.10	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	May 26, 2017	0.54	0.62	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	May 26, 2017	0.08	0.09	0.08	100.0%
18840601	138	441	BURNETT	13127750	5	May 25, 2017	0.04	0.04	0.04	100.0%
18840601	151	1042	BURNETT	13127750	5	May 25, 2017	0.23	0.24	0.23	100.0%
18840601	297	712	BURNETT	13127750	5	May 25, 2017	0.80	0.83	0.80	100.0%
18840601	360	693	BURNETT	13127750	5	May 25, 2017	0.80	0.83	0.80	100.0%
18840601	73	200	BURNETT	13127750	5	May 25, 2017	0.23	0.24	0.23	100.0%
18840601	73	199	BURNETT	13127750	5	May 25, 2017	0.37	0.38	0.37	100.0%
18840601	119	56	BURNETT	13127750	5	May 25, 2017	0.73	0.76	0.73	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 24, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 23, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 23, 2017	0.40	0.40	0.40	100.0%
18840715	459	1195	MOORE	13132050	4	May 26, 2017	1.20	1.37	1.20	100.0%
18840715	115	323	MOORE	13132050	4	May 26, 2017	0.80	0.91	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 26, 2017	0.80	0.91	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 26, 2017	1.20	1.37	1.20	100.0%
18840715	15	799	MOORE	13132050	4	May 26, 2017	0.80	0.91	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	May 26, 2017	0.80	0.91	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	May 26, 2017	0.80	0.91	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	May 26, 2017	0.62	0.71	0.62	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 26, 2017	0.20	0.23	0.20	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 26, 2017	0.27	0.31	0.27	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 26, 2017	0.50	0.57	0.50	100.0%
18840831	638	772	Upper Eastside &	13132101	2	May 26, 2017	0.40	0.46	0.40	100.0%
18840831	180	276	Upper Eastside &	13132101	2	May 26, 2017	1.31	1.50	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	May 26, 2017	3.20	3.66	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 24, 2017	1.74	1.74	1.74	100.0%
18840914	360	68	BURNETT	13127750	5	May 25, 2017	0.80	0.83	0.80	100.0%
18840914	119	696	BURNETT	13127750	5	May 25, 2017	0.40	0.42	0.40	100.0%
18841012	205	557	BECK	13130525	4	May 26, 2017	1.76	2.01	1.76	100.0%
18841012	459	342	MOORE	13132050	4	May 26, 2017	0.58	0.66	0.58	100.0%
18841012	70	341	MOORE	13132050	4	May 26, 2017	0.31	0.35	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	May 26, 2017	1.25	1.43	1.25	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 25, 2017	0.22	0.23	0.22	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 25, 2017	0.81	0.84	0.81	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 25, 2017	0.80	0.83	0.80	100.0%
18841012	524	11	SWAUGER	13127600	5	May 25, 2017	2.78	2.89	2.78	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 25, 2017	2.77	2.88	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	May 25, 2017	0.74	0.77	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 25, 2017	3.30	3.43	3.30	100.0%
18841012	347	1141	SHARP	13126500	6	May 24, 2017	0.84	0.84	0.84	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 25, 2017	1.65	1.71	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 25, 2017	0.61	0.63	0.61	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 25, 2017	1.10	1.14	1.10	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 25, 2017	2.00	2.08	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 25, 2017	0.79	0.82	0.79	100.0%

18850501	672	1629	Lower Eastside &	13132291	2	May 26, 2017	1.80	2.06	1.80	100.0%
18850501	672	1630	Lower Eastside &	13132291	2	May 26, 2017	0.20	0.23	0.20	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	May 26, 2017	1.62	1.85	1.62	100.0%
18850501	426	887	ARCO	13132365	2	May 26, 2017	0.58	0.95	0.58	100.0%
18850501	423	87	Lower Eastside &	13132291	2	May 26, 2017	0.20	0.23	0.20	100.0%
18850501	468	59	ARCO	13132365	2	May 26, 2017	0.74	1.21	0.74	100.0%
18850501	423	186	Lower Eastside &	13132291	2	May 26, 2017	0.26	0.30	0.26	100.0%
18850501	255	401	NEILSEN	13120805	9	May 23, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 23, 2017	2.80	2.80	2.80	100.0%
18850512	251	22	Upper Eastside &	13132101	2	May 26, 2017	0.12	0.14	0.12	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	May 26, 2017	0.20	0.23	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	May 26, 2017	0.50	0.57	0.50	100.0%
18850530	282	1190	SUTTER	13128105	5	May 25, 2017	0.20	0.21	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	May 26, 2017	2.52	2.88	2.52	100.0%
18850531	63	1354	MOORE	13132050	4	May 26, 2017	1.18	1.35	1.18	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 25, 2017	3.20	3.33	3.20	100.0%
18850601	205	554	BECK	13130525	4	May 26, 2017	0.59	0.67	0.59	100.0%
18850601	15	859	MOORE	13132050	4	May 26, 2017	0.50	0.57	0.50	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 25, 2017	2.60	2.70	2.60	100.0%
18850601	20	949	DARLINGTON	13127735	5	May 25, 2017	0.40	0.42	0.40	100.0%
18850601	212	315	DARLINGTON	13127735	5	May 25, 2017	0.94	0.98	0.94	100.0%
18850601	525	1464	BURNETT	13127750	5	May 25, 2017	1.54	1.60	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	May 24, 2017	1.16	1.16	1.16	100.0%
18850601	544	1184	SHARP	13126500	6	May 24, 2017	0.76	0.76	0.76	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 23, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 25, 2017	3.08	3.20	3.08	100.0%
18851002	370	1592	ARCO	13132365	2	May 26, 2017	1.16	1.89	1.16	100.0%
18851002	93	726	ARCO	13132365	2	May 26, 2017	0.50	0.82	0.50	100.0%
18851002	468	61	ARCO	13132365	2	May 26, 2017	3.60	5.88	3.60	100.0%
18851002	437	62	ARCO	13132365	2	May 26, 2017	1.54	2.51	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 24, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 26, 2017	4.52	5.17	4.52	100.0%
18860501	305	927	3IN1	13130605	4	May 26, 2017	0.86	0.99	0.86	100.0%
18860501	417	644	MOORE	13132050	4	May 26, 2017	1.20	1.37	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 26, 2017	2.80	3.20	2.80	100.0%
18860512	96	459	MOORE	13132050	4	May 26, 2017	0.48	0.55	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	May 26, 2017	0.18	0.21	0.18	100.0%
18860512	263	398	MOORE	13132050	4	May 26, 2017	0.18	0.21	0.18	100.0%
18860601	69	881	Upper Eastside &	13132101	2	May 26, 2017	1.54	1.76	1.54	100.0%
18860601	482	867	Upper Eastside &	13132101	2	May 26, 2017	0.96	1.10	0.96	100.0%
18860601	339	1010	MOORE	13132050	4	May 26, 2017	0.68	0.78	0.68	100.0%
18860601	16	1009	MOORE	13132050	4	May 26, 2017	2.52	2.88	2.52	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 24, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 24, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 26, 2017	0.90	1.03	0.90	100.0%
18860721	336	294	BURNETT	13127750	5	May 25, 2017	0.80	0.83	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 25, 2017	3.00	3.12	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 26, 2017	0.84	0.96	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 24, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 25, 2017	0.60	0.62	0.60	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	May 26, 2017	0.80	0.91	0.80	100.0%
18870313	433	683	MOORE	13132050	4	May 26, 2017	0.70	0.80	0.70	100.0%
18870313	70	337	MOORE	13132050	4	May 26, 2017	0.23	0.26	0.23	100.0%
18870313	459	338	MOORE	13132050	4	May 26, 2017	0.42	0.48	0.42	100.0%
18870313	73	201	BURNETT	13127750	5	May 25, 2017	1.05	1.09	1.05	100.0%
18870313	73	202	BURNETT	13127750	5	May 25, 2017	0.65	0.68	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	May 25, 2017	0.80	0.83	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 23, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 24, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	May 26, 2017	3.20	5.23	3.20	100.0%
18870601	468	893	ARCO	13132365	2	May 26, 2017	1.40	2.29	1.40	100.0%
18870601	423	76	Lower Eastside &	13132291	2	May 26, 2017	0.22	0.25	0.22	100.0%
18870601	423	1028	Lower Eastside &	13132291	2	May 26, 2017	1.80	2.06	1.80	100.0%
18870601	305	1351	3IN1	13130605	4	May 26, 2017	1.00	1.14	1.00	100.0%

18870601	252	353	DARLINGTON	13127735	5	May 25, 2017	0.43	0.45	0.43	100.0%
18870601	73	196	BURNETT	13127750	5	May 25, 2017	0.69	0.72	0.69	100.0%
18870601	73	195	BURNETT	13127750	5	May 25, 2017	1.11	1.15	1.11	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 24, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 24, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 23, 2017	0.47	0.47	0.47	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 23, 2017	1.94	1.94	1.94	100.0%
18870630	236	1428	BECK	13130525	4	May 26, 2017	0.80	0.91	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 25, 2017	0.80	0.83	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 25, 2017	0.80	0.83	0.80	100.0%
18870701	423	102	Lower Eastside &	13132291	2	May 26, 2017	0.16	0.18	0.16	100.0%
18870801	73	190	BURNETT	13127750	5	May 25, 2017	0.38	0.39	0.38	100.0%
18870801	73	189	BURNETT	13127750	5	May 25, 2017	0.62	0.64	0.62	100.0%
18870801	119	1166	BURNETT	13127750	5	May 25, 2017	0.27	0.28	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	May 25, 2017	1.20	1.25	1.20	100.0%
18880601	223	889	Upper Eastside &	13132101	2	May 26, 2017	1.76	2.01	1.76	100.0%
18880601	427	669	ARCO	13132365	2	May 26, 2017	0.81	1.32	0.81	100.0%
18880601	437	670	ARCO	13132365	2	May 26, 2017	0.33	0.54	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 25, 2017	0.98	1.02	0.98	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 25, 2017	0.33	0.34	0.33	100.0%
18880601	347	1138	SHARP	13126500	6	May 24, 2017	1.27	1.27	1.27	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 24, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 23, 2017	0.23	0.23	0.23	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 23, 2017	0.97	0.97	0.97	100.0%
18880601	629	1497	HOWELL	13120490	10	May 22, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	May 26, 2017	0.16	0.18	0.16	100.0%
18890601	463	1396	MOORE	13132050	4	May 26, 2017	0.20	0.23	0.20	100.0%
18890601	652	1566	MOORE	13132050	4	May 26, 2017	0.50	0.57	0.50	100.0%
18890601	599	1552	MOORE	13132050	4	May 26, 2017	0.35	0.40	0.35	100.0%
18890601	441	205	MOORE	13132050	4	May 26, 2017	0.97	1.11	0.97	100.0%
18890601	589	716	BURNETT	13127750	5	May 25, 2017	2.70	2.81	2.70	100.0%
18890601	336	979	BURNETT	13127750	5	May 25, 2017	0.42	0.44	0.42	100.0%
18890601	119	996	BURNETT	13127750	5	May 25, 2017	0.40	0.42	0.40	100.0%
18890601	475	969	BURNETT	13127750	5	May 25, 2017	1.20	1.25	1.20	100.0%
18900601	372	886	ARCO	13132365	2	May 26, 2017	0.59	0.96	0.59	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 24, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 24, 2017	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 23, 2017	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 23, 2017	0.24	0.24	0.24	100.0%
18910630	205	555	BECK	13130525	4	May 26, 2017	0.25	0.29	0.25	100.0%
18910801	307	77	CHILLY	13121105	9	May 23, 2017	5.20	5.20	5.20	100.0%
18920501	468	60	ARCO	13132365	2	May 26, 2017	0.20	0.33	0.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 24, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 24, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 26, 2017	0.22	0.25	0.22	100.0%
18930323	77	366	MOORE	13132050	4	May 26, 2017	1.60	1.83	1.60	100.0%
18930323	77	688	MOORE	13132050	4	May 26, 2017	1.50	1.72	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 24, 2017	0.74	0.74	0.74	100.0%
18940310	265	1223	BURNETT	13127750	5	May 25, 2017	2.80	2.91	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 25, 2017	0.44	0.46	0.44	100.0%
18940310	386	268	SUTTER	13128105	5	May 25, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 23, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 24, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 26, 2017	0.80	0.91	0.80	100.0%
18940531	77	800	MOORE	13132050	4	May 26, 2017	0.74	0.85	0.74	100.0%
18940531	5	776	MOORE	13132050	4	May 26, 2017	0.20	0.23	0.20	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 26, 2017	3.20	3.66	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 26, 2017	0.15	0.17	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 25, 2017	0.11	0.11	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	May 25, 2017	1.60	1.66	1.60	100.0%
18940601	390	408	SHARP	13126500	6	May 24, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 23, 2017	1.20	1.20	1.20	100.0%
18940926	381	866	DARLINGTON	13127735	5	May 25, 2017	0.38	0.39	0.38	100.0%
18940926	252	357	DARLINGTON	13127735	5	May 25, 2017	0.30	0.31	0.30	100.0%

18950101	683	333	HARRIS-VAUGHT	13127751	5	May 25, 2017	1.10	1.14	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 23, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	May 26, 2017	0.80	0.91	0.80	100.0%
18950601	417	378	MOORE	13132050	4	May 26, 2017	0.10	0.11	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 25, 2017	1.58	1.64	1.58	100.0%
18950601	445	411	NEILSEN	13120805	9	May 23, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 23, 2017	0.18	0.18	0.18	100.0%
18950630	265	1224	BURNETT	13127750	5	May 25, 2017	2.34	2.43	2.34	100.0%
18960302	402	872	MOORE	13132050	4	May 26, 2017	0.25	0.29	0.25	100.0%
18960302	309	873	MOORE	13132050	4	May 26, 2017	0.25	0.29	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 24, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	May 26, 2017	1.47	1.68	1.47	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	May 26, 2017	0.04	0.04	0.04	100.0%
18960601	180	278	Upper Eastside &	13132101	2	May 26, 2017	0.41	0.47	0.41	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 26, 2017	0.70	0.80	0.70	100.0%
18960601	45	998	Lower Eastside &	13132291	2	May 26, 2017	0.16	0.18	0.16	100.0%
18960601	263	397	MOORE	13132050	4	May 26, 2017	0.35	0.40	0.35	100.0%
18960601	13	1119	MOORE	13132050	4	May 26, 2017	0.40	0.46	0.40	100.0%
18960601	96	461	MOORE	13132050	4	May 26, 2017	0.29	0.33	0.29	100.0%
18960601	85	1522	MOORE	13132050	4	May 26, 2017	0.26	0.30	0.26	100.0%
18960601	459	993	MOORE	13132050	4	May 26, 2017	0.40	0.46	0.40	100.0%
18960601	652	1567	MOORE	13132050	4	May 26, 2017	0.38	0.43	0.38	100.0%
18960601	417	381	MOORE	13132050	4	May 26, 2017	2.40	2.74	2.40	100.0%
18960601	15	1106	MOORE	13132050	4	May 26, 2017	1.17	1.34	1.17	100.0%
18960601	2334	1495	MOORE	13132050	4	May 26, 2017	2.40	2.74	2.40	100.0%
18960601	263	399	MOORE	13132050	4	May 26, 2017	0.27	0.31	0.27	100.0%
18960601	417	992	MOORE	13132050	4	May 26, 2017	1.20	1.37	1.20	100.0%
18960601	85	1521	MOORE	13132050	4	May 26, 2017	0.23	0.26	0.23	100.0%
18960601	339	1118	MOORE	13132050	4	May 26, 2017	1.57	1.80	1.57	100.0%
18960601	402	876	MOORE	13132050	4	May 26, 2017	0.08	0.10	0.08	100.0%
18960601	463	128	MOORE	13132050	4	May 26, 2017	1.60	1.83	1.60	100.0%
18960601	441	207	MOORE	13132050	4	May 26, 2017	1.00	1.14	1.00	100.0%
18960601	96	457	MOORE	13132050	4	May 26, 2017	0.92	1.05	0.92	100.0%
18960601	309	877	MOORE	13132050	4	May 26, 2017	0.08	0.10	0.08	100.0%
18960601	381	1180	DARLINGTON	13127735	5	May 25, 2017	1.15	1.20	1.15	100.0%
18960601	252	359	DARLINGTON	13127735	5	May 25, 2017	0.79	0.82	0.79	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 24, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 26, 2017	2.00	3.27	2.00	100.0%
18960801	280	1186	SHARP	13126500	6	May 24, 2017	0.10	0.10	0.10	100.0%
18960901	427	672	ARCO	13132365	2	May 26, 2017	0.32	0.52	0.32	100.0%
18960901	437	671	ARCO	13132365	2	May 26, 2017	0.13	0.21	0.13	100.0%
18960928	150	215	MUNSEY	13132375	2	May 26, 2017	1.97	3.22	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	May 26, 2017	0.03	0.05	0.03	100.0%
18960928	392	840	MUNSEY	13132375	2	May 26, 2017	4.40	7.18	4.40	100.0%
18960928	407	307	MUNSEY	13132375	2	May 26, 2017	0.51	0.83	0.51	100.0%
18970510	437	664	ARCO	13132365	2	May 26, 2017	1.74	2.84	1.74	100.0%
18970510	427	6	ARCO	13132365	2	May 26, 2017	4.29	7.00	4.29	100.0%
18970510	411	674	DARLINGTON	13127735	5	May 25, 2017	1.73	1.80	1.73	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 25, 2017	3.44	3.57	0.26	7.6%
18970510	73	191	BURNETT	13127750	5	May 25, 2017	0.92	0.96	0.92	100.0%
18970510	73	192	BURNETT	13127750	5	May 25, 2017	0.56	0.58	0.56	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 26, 2017	1.34	1.54	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 23, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 25, 2017	3.20	3.33	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 26, 2017	0.24	0.27	0.24	100.0%
18970615	180	280	Upper Eastside &	13132101	2	May 26, 2017	0.13	0.15	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 24, 2017	2.40	2.40	2.40	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	May 26, 2017	0.65	0.74	0.65	100.0%
18980601	437	1310	ARCO	13132365	2	May 26, 2017	1.60	2.61	1.60	100.0%
18980601	483	1274	CHILLY	13121105	9	May 23, 2017	0.47	0.47	0.47	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 23, 2017	1.94	1.94	1.94	100.0%
18980901	122	821	ARCO	13132365	2	May 26, 2017	0.10	0.17	0.10	100.0%
18980901	268	562	ARCO	13132365	2	May 26, 2017	1.57	2.56	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 24, 2017	0.50	0.50	0.50	100.0%

18981101	101	1104	Churn Dasher Ran	13123040	8	May 24, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	May 26, 2017	0.98	1.12	0.98	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 26, 2017	0.84	0.96	0.84	100.0%
18990327	180	468	Upper Eastside &	13132101	2	May 26, 2017	0.05	0.06	0.05	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 26, 2017	0.29	0.33	0.29	100.0%
18990327	219	549	MOORE	13132050	4	May 26, 2017	0.03	0.03	0.03	100.0%
18990327	459	1090	MOORE	13132050	4	May 26, 2017	0.60	0.69	0.60	100.0%
18990327	433	272	MOORE	13132050	4	May 26, 2017	0.48	0.55	0.48	100.0%
18990327	459	1477	MOORE	13132050	4	May 26, 2017	0.01	0.01	0.01	100.0%
18990501	427	934	ARCO	13132365	2	May 26, 2017	0.26	0.42	0.26	100.0%
18990518	138	443	BURNETT	13127750	5	May 25, 2017	0.02	0.02	0.02	100.0%
18990518	151	1044	BURNETT	13127750	5	May 25, 2017	0.15	0.16	0.15	100.0%
18990601	201	705	SWAUGER	13127600	5	May 25, 2017	0.28	0.29	0.28	100.0%
18990601	360	704	BURNETT	13127750	5	May 25, 2017	1.20	1.25	1.20	100.0%
18990601	490	981	BURNETT	13127750	5	May 25, 2017	0.80	0.83	0.80	100.0%
18990601	307	72	NEILSEN	13120805	9	May 23, 2017	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 23, 2017	0.60	0.60	0.60	100.0%
19000323	77	44	MOORE	13132050	4	May 26, 2017	0.60	0.69	0.60	100.0%
19000601	386	270	SUTTER	13128105	5	May 25, 2017	0.08	0.08	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 23, 2017	6.40	6.40	6.40	100.0%
19010722	427	926	ARCO	13132365	2	May 26, 2017	1.29	2.10	1.29	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 24, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 24, 2017	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	May 26, 2017	0.23	0.26	0.23	100.0%
19010901	70	339	MOORE	13132050	4	May 26, 2017	0.12	0.14	0.12	100.0%
19010901	433	685	MOORE	13132050	4	May 26, 2017	0.50	0.57	0.50	100.0%
19010901	151	1039	BURNETT	13127750	5	May 25, 2017	0.04	0.04	0.04	100.0%
19010901	138	439	BURNETT	13127750	5	May 25, 2017	0.02	0.02	0.02	100.0%
19011001	263	396	MOORE	13132050	4	May 26, 2017	0.14	0.16	0.14	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 23, 2017	2.60	2.60	2.60	100.0%
19020115	392	765	MUNSEY	13132375	2	May 26, 2017	2.54	4.15	2.54	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	May 26, 2017	0.20	0.23	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	May 26, 2017	0.31	0.35	0.31	100.0%
19020301	15	81	MOORE	13132050	4	May 26, 2017	0.42	0.48	0.42	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 24, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 23, 2017	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	May 23, 2017	0.80	0.80	0.80	100.0%
19020301	307	834	CHILLY	13121105	9	May 23, 2017	2.40	2.40	2.40	100.0%
19020301	483	1500	CHILLY	13121105	9	May 23, 2017	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	May 23, 2017	3.85	3.85	3.85	100.0%
19020301	364	952	CHILLY	13121105	9	May 23, 2017	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	May 23, 2017	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 23, 2017	1.60	1.60	1.60	100.0%
19020304	129	1062	CHILLY	13121105	9	May 23, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 23, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 23, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 26, 2017	1.48	1.69	1.48	100.0%
19020501	310	631	CHILLY	13121105	9	May 23, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 22, 2017	0.62	0.62	0.62	100.0%
19020601	16	1014	MOORE	13132050	4	May 26, 2017	0.92	1.05	0.92	100.0%
19020601	339	1015	MOORE	13132050	4	May 26, 2017	0.66	0.75	0.66	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 24, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 23, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 23, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 24, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 24, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 26, 2017	1.46	1.67	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	May 25, 2017	0.08	0.08	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 25, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	May 23, 2017	1.03	1.03	1.03	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 24, 2017	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 24, 2017	0.02	0.02	0.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 24, 2017	0.13	0.13	0.13	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 23, 2017	0.02	0.02	0.02	100.0%

19050501	498	779	BRADSHAW	13120705	9	May 23, 2017	0.62	0.62	0.62	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 23, 2017	3.00	3.00	3.00	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 23, 2017	0.65	0.65	0.65	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 23, 2017	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	May 23, 2017	0.30	0.30	0.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 23, 2017	0.82	0.82	0.82	100.0%
19050501	255	402	NEILSEN	13120805	9	May 23, 2017	0.50	0.50	0.50	100.0%
19050501	130	74	NEILSEN	13120805	9	May 23, 2017	1.30	1.30	1.30	100.0%
19050501	373	432	CHILLY	13121105	9	May 23, 2017	0.58	0.58	0.58	100.0%
19050501	310	115	CHILLY	13121105	9	May 23, 2017	1.90	1.90	1.90	100.0%
19050501	364	690	CHILLY	13121105	9	May 23, 2017	1.10	1.10	1.10	100.0%
19050501	364	629	CHILLY	13121105	9	May 23, 2017	0.40	0.40	0.40	100.0%
19050501	129	1063	CHILLY	13121105	9	May 23, 2017	0.80	0.80	0.80	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 23, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 22, 2017	2.58	2.58	2.58	100.0%
19060501	185	392	Upper Eastside &	13132101	2	May 26, 2017	0.19	0.22	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	May 23, 2017	0.50	0.50	0.50	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 23, 2017	1.08	1.08	1.08	100.0%
19070501	575	322	NEILSEN	13120805	9	May 23, 2017	1.48	1.48	1.48	100.0%
19070501	358	321	NEILSEN	13120805	9	May 23, 2017	1.52	1.52	1.52	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 23, 2017	0.48	0.48	0.48	100.0%
19080401	314	73	NEILSEN	13120805	9	May 23, 2017	2.04	2.04	2.04	100.0%
19080715	364	692	CHILLY	13121105	9	May 23, 2017	0.50	0.50	0.50	100.0%
19081207	70	343	MOORE	13132050	4	May 26, 2017	0.02	0.02	0.02	100.0%
19081207	459	344	MOORE	13132050	4	May 26, 2017	0.33	0.38	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 24, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 24, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 23, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 23, 2017	0.80	0.80	0.80	100.0%
19120227	364	954	CHILLY	13121105	9	May 23, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 24, 2017	1.20	1.20	1.20	100.0%
19120501	310	632	CHILLY	13121105	9	May 23, 2017	0.80	0.80	0.80	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 23, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 23, 2017	0.03	0.03	0.03	100.0%
19121014	403	813	NEILSEN	13120805	9	May 23, 2017	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 23, 2017	2.40	2.40	2.40	100.0%
19121014	130	75	NEILSEN	13120805	9	May 23, 2017	1.70	1.70	1.70	100.0%
19131206	575	1379	NEILSEN	13120805	9	May 23, 2017	1.72	1.72	1.72	100.0%
19131224	373	25	CHILLY	13121105	9	May 23, 2017	1.60	1.60	1.60	100.0%
19140601	445	412	NEILSEN	13120805	9	May 23, 2017	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	May 23, 2017	0.02	0.02	0.02	100.0%
19150504	310	636	CHILLY	13121105	9	May 23, 2017	0.42	0.42	0.42	100.0%
19150504	373	434	CHILLY	13121105	9	May 23, 2017	0.59	0.59	0.59	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 23, 2017	1.58	1.58	1.58	100.0%
19160501	310	634	CHILLY	13121105	9	May 23, 2017	0.80	0.80	0.80	100.0%
19160501	373	26	CHILLY	13121105	9	May 23, 2017	0.41	0.41	0.41	100.0%
19160501	129	633	CHILLY	13121105	9	May 23, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 24, 2017	1.36	1.36	1.36	100.0%
19170620	307	71	NEILSEN	13120805	9	May 23, 2017	0.80	0.80	0.80	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 24, 2017	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	May 26, 2017	0.79	1.29	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	May 26, 2017	0.01	0.02	0.01	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	May 24, 2017	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	May 26, 2017	0.50	0.57	0.50	100.0%
19440508	437	737	ARCO	13132365	2	May 26, 2017	0.50	0.82	0.50	100.0%
19600824	185	390	Upper Eastside &	13132101	2	May 26, 2017	0.11	0.13	0.11	100.0%
19740402	150	220	MUNSEY	13132375	2	May 26, 2017	0.02	0.03	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 26, 2017	4.40	7.18	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 26, 2017	16.00	26.13	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	May 26, 2017	1.34	2.19	1.34	100.0%
19950203	476	1272	3IN1	13130605	4	May 26, 2017	32.00	36.59	32.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 26, 2017	8.90	10.18	8.90	100.0%
19950411	476	1273	BURNETT	13127750	5	May 25, 2017	17.16	17.83	17.16	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 23, 2017	4.00	4.00	4.00	100.0%

19950411	476 1273	CHILLY	13121105	9	May 23, 2017	10.00	10.00	10.00	100.0%
20090101	56 1660	MACKAY DAM	13126000	7	May 24, 2017	10000.00	10000.00	1007.13	10.1%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 23	1420.0	4.8		1424.8	0.00	1424.8	4.8	0.0		1420.0	0.0	
9	Howell to Chilly	May 24	5.0	157.5		-1257.5	0.89	167.3	142.7	14.8		19.8	-14.8	
8	Chilly to Reservoir	* May 25	1824.3	73.0		1892.2	0.00	2059.5	70.8	2.2		1841.3	-17.0	
	Disconnected													
7	Mackay Reservoir	* May 25	1464.0	0.0		1824.3	0.00	1824.3	1421.0			403.3		
6	Reservoir to 2B	May 25	1450.0	14.0		0.0	0.00	1814.8	9.5	4.5		393.8	1056.2	
5	2B to Leslie	May 26	1240.0	190.0		-20.0	0.01	1693.7	115.7	74.4		272.7	967.3	
4	Leslie to Eastside In	May 27	922.8	204.8		-112.4	0.09	1544.7	124.2	80.6		123.8	799.0	
2a	Eastside In To Weirs	* May 27	777.2	15.5	0.0	-130.1	0.14	1510.2	17.1	-1.6		89.2	688.0	0.0
2b	Weirs To Eastside Out	* May 27	631.7	12.7	0.0	-132.8	0.17	1483.1	11.9	0.8		62.1	569.6	0.0
2c	Eastside Out To Blw Muns	* May 27	520.6	111.1	0.0	0.0	0.00	1421.0	62.1	49.0	0.0	0.0	520.6	0.0
1	Blw Munsey to Arco	May 27	423.0	0.0		-97.6	0.19	1412.7	0.0	0.0		0.0	520.6	
3	River blw Moore Div	May 27	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	1979.7	224.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 23	0.0		20090101	14%	1	18800630	3.2	556.5	158.7	
9	Howell to Chilly	May 24	-1257.5		20090101	14%	2	18810630	1.7	294.0	84.3	
8	Chilly to Reservoir	May 25	0.0		20090101	14%	3	18880601	3.2	556.5	158.7	
	Disconnected						4	18960601	6.4	1113.0	317.4	
7	Mackay Reservoir	May 25	0.0		20090101	14%	5	19020301	0.8	140.0	39.7	
6	Reservoir to 2B	May 25	0.0	0.0	20090101	14%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 26	-5.4	-14.5	20090101	14%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 27	-24.7	-87.7	20090101	14%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 27	-17.4	-112.7	0.0	20090101	14%	9	Add Vol	Unlimited	200000.0	76373.7
2b	Weirs To Eastside Out	May 27	-15.2	-117.6	0.0	20090101	14%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 27	0.0	0.0	0.0	20090101	14%		TOTAL		296511.0	120983.4
1	Blw Munsey to Arco	May 27	0.0	-520.6	0.0	20090101	14%					
3	River blw Moore Div	May 27	0.0	0.0		20090101	14%					
	TOTAL		-1320.3	-852.9	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
20290.0	20990.0		700.0	352.9	7.4	340.5	207.7	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	52283.4
Total Storage Loss	-39621.6
Total Storage Deliver	-7812.4
Total Evaporation	-340.0
Accounting Balance	20989.4
Current Res Content	20990.0
Storage Balance Error	-0.6

DAILY STORAGE BALANCE

20290.0 Reservoir Content Previous Day [ac-ft]
20990.0 Reservoir Content Current Day [ac-ft]
700.0 Physical Change in Storage [ac-ft]

2818.5 Storage Allocated to Mackay Reservoir [ac-ft]
-1691.7 Stored Flow Losses [ac-ft]
-14.5 2B to Leslie [cfs]
-87.7 Leslie to Moore [cfs]
-750.7 Eastside [cfs]
0.0 River blw Moore [cfs]
-412.2 Storage Delivered [ac-ft]
4.5 Reservoir to 2B [cfs]
74.4 2B to Leslie [cfs]
80.6 Leslie to Moore [cfs]
48.3 Eastside to blw Munsey [cfs]
-14.6 Evaporation [ac-ft]
700.0 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1824.3 Natural Flow into Mackay Reservoir [cfs]

1421.0 Reservoir Rights Diverted [cfs]
55.2 Natural Flow Losses below Reservoir [cfs]
-5.4 2B to Leslie [cfs]
-24.7 Leslie to Moore [cfs]
-25.1 Eastside as River [cfs]
348.1 Natural Flow Delivered [cfs]
9.5 Reservoir to 2B [cfs]
115.7 2B to Leslie [cfs]
124.2 Leslie to Moore [cfs]
98.7 Eastside to blw Munsey [cfs]
1824.3 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	922.8			15.5	-2.5	388.6	388.6	-130.1	14.1%	777.2
Natural Flow	123.8			17.1	-2.8			-17.4		89.2
Stored Flow	799.0			-1.6	0.3			-112.7		688.0
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	388.6	388.6		12.7	-5.1	631.7	-132.8	17.1%	-255.2
Natural Flow				11.9	-4.8	62.1	-15.2		-25.1
Stored Flow				0.8	-0.3	569.6	-117.6		-230.1
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	631.7		520.6	111.1
Natural Flow	62.1		0.0	62.1
Stored Flow	569.6		520.6	49.0
Exchange Flow	0.0		0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	35.9	886.9	15.3	761.9	631.7
Natural Flow	36.6	87.2	14.4	74.9	62.1
Stored Flow	-0.7	799.8	1.0	687.0	569.6
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	14.0	4.5	102.4
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	32.0	13.4	288.1
9 BITTON	0.0	0.0	69.4	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.0	6.0	177.5	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	26.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	152.7	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	100.0	34.1	1154.5
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	1200.1
9 NEILSEN	50.5	4.4	179.8	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	0.0	11.9	5 SUTTER	6.0	2.7	90.7
9 CHILLY	65.0	0.4	216.6	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	16.0	10.8	512.6
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	0.0	269.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	4.8	4 3IN1	38.8	4.9	270.9
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	150.0	64.9	2384.2
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	131.4	2 EASTSIDE FHDiv	35.9	-0.7	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	56.1	569.6	20895.8
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.2	0.0	0.0	2 MUNSEY	55.0	569.6	20895.8
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	1.8	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.3	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	1.3	30.7	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 24, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	May 24, 2017	4.36	4.36	4.36	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 25, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 25, 2017	0.01	0.01	0.01	100.0%
18800601	370	530	ARCO	13132365	2	May 27, 2017	0.15	0.23	0.15	100.0%
18800601	93	723	ARCO	13132365	2	May 27, 2017	0.04	0.06	0.04	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 25, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 25, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 25, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 25, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 25, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 24, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 25, 2017	3.00	3.00	3.00	100.0%
18830601	645	464	MOORE	13132050	4	May 27, 2017	0.11	0.12	0.11	100.0%
18830601	2331	465	MOORE	13132050	4	May 27, 2017	0.79	0.88	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	May 27, 2017	1.26	1.40	1.26	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	May 27, 2017	0.21	0.24	0.21	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 27, 2017	0.43	0.48	0.43	100.0%
18830810	96	449	MOORE	13132050	4	May 27, 2017	0.48	0.54	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	May 27, 2017	1.48	1.65	1.48	100.0%
18830810	85	1583	MOORE	13132050	4	May 27, 2017	0.18	0.20	0.18	100.0%
18830810	263	393	MOORE	13132050	4	May 27, 2017	0.18	0.20	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 26, 2017	0.68	0.69	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 27, 2017	1.64	1.83	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	May 27, 2017	0.14	0.16	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 26, 2017	0.07	0.07	0.07	100.0%
18840422	201	83	SWAUGER	13127600	5	May 26, 2017	1.12	1.14	1.12	100.0%
18840422	347	938	SWAUGER	13127600	5	May 26, 2017	0.82	0.83	0.82	100.0%
18840422	585	951	SWAUGER	13127600	5	May 26, 2017	0.18	0.18	0.18	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 26, 2017	1.44	1.46	1.44	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 26, 2017	0.96	0.97	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 26, 2017	0.20	0.20	0.20	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 26, 2017	2.17	2.20	2.17	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 26, 2017	0.55	0.56	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 26, 2017	1.63	1.65	1.63	100.0%
18840422	360	133	BURNETT	13127750	5	May 26, 2017	2.00	2.03	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	May 26, 2017	0.50	0.51	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	May 26, 2017	1.92	1.95	1.92	100.0%
18840422	103	1289	SHARP	13126500	6	May 25, 2017	0.64	0.64	0.64	100.0%
18840422	24	120	SHARP	13126500	6	May 25, 2017	0.08	0.08	0.08	100.0%
18840422	544	1067	SHARP	13126500	6	May 25, 2017	1.00	1.00	1.00	100.0%
18840422	390	406	SHARP	13126500	6	May 25, 2017	0.09	0.09	0.09	100.0%
18840422	632	1539	SHARP	13126500	6	May 25, 2017	0.12	0.12	0.12	100.0%
18840422	397	10	SHARP	13126500	6	May 25, 2017	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	May 25, 2017	3.18	3.18	3.18	100.0%
18840422	2525	407	SHARP	13126500	6	May 25, 2017	0.08	0.08	0.08	100.0%
18840430	73	194	BURNETT	13127750	5	May 26, 2017	0.77	0.78	0.77	100.0%
18840430	119	1366	BURNETT	13127750	5	May 26, 2017	0.40	0.41	0.40	100.0%
18840430	73	193	BURNETT	13127750	5	May 26, 2017	1.23	1.25	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	May 26, 2017	1.60	1.62	1.60	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 25, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 25, 2017	0.22	0.22	0.22	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 27, 2017	0.18	0.20	0.18	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 27, 2017	1.15	1.28	1.15	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 27, 2017	0.16	0.18	0.16	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 27, 2017	0.80	0.89	0.80	100.0%
18840520	459	1478	MOORE	13132050	4	May 27, 2017	0.01	0.01	0.01	100.0%
18840520	2333	657	MOORE	13132050	4	May 27, 2017	0.84	0.94	0.84	100.0%
18840520	219	547	MOORE	13132050	4	May 27, 2017	1.15	1.28	1.15	100.0%

18840520	645	462	MOORE	13132050	4	May 27, 2017	0.31	0.35	0.31	100.0%
18840520	427	1	MOORE	13132050	4	May 27, 2017	0.86	0.96	0.86	100.0%
18840520	263	394	MOORE	13132050	4	May 27, 2017	0.22	0.25	0.22	100.0%
18840520	2335	265	MOORE	13132050	4	May 27, 2017	0.72	0.80	0.72	100.0%
18840520	2331	471	MOORE	13132050	4	May 27, 2017	1.67	1.86	1.67	100.0%
18840520	2331	463	MOORE	13132050	4	May 27, 2017	2.24	2.50	2.24	100.0%
18840520	459	797	MOORE	13132050	4	May 27, 2017	1.20	1.34	1.20	100.0%
18840520	340	816	MOORE	13132050	4	May 27, 2017	0.30	0.33	0.30	100.0%
18840520	85	1584	MOORE	13132050	4	May 27, 2017	0.22	0.25	0.22	100.0%
18840520	96	451	MOORE	13132050	4	May 27, 2017	0.58	0.65	0.58	100.0%
18840520	433	271	MOORE	13132050	4	May 27, 2017	0.54	0.60	0.54	100.0%
18840520	66	266	MOORE	13132050	4	May 27, 2017	0.02	0.02	0.02	100.0%
18840531	338	122	DARLINGTON	13127735	5	May 26, 2017	0.72	0.73	0.72	100.0%
18840601	85	1544	MOORE	13132050	4	May 27, 2017	0.09	0.10	0.09	100.0%
18840601	96	453	MOORE	13132050	4	May 27, 2017	0.21	0.23	0.21	100.0%
18840601	85	1585	MOORE	13132050	4	May 27, 2017	0.08	0.09	0.08	100.0%
18840601	15	131	MOORE	13132050	4	May 27, 2017	0.37	0.41	0.37	100.0%
18840601	85	1545	MOORE	13132050	4	May 27, 2017	0.54	0.60	0.54	100.0%
18840601	263	395	MOORE	13132050	4	May 27, 2017	0.08	0.09	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	May 27, 2017	1.28	1.43	1.28	100.0%
18840601	360	693	BURNETT	13127750	5	May 26, 2017	0.80	0.81	0.80	100.0%
18840601	138	441	BURNETT	13127750	5	May 26, 2017	0.04	0.04	0.04	100.0%
18840601	297	712	BURNETT	13127750	5	May 26, 2017	0.80	0.81	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	May 26, 2017	0.73	0.74	0.73	100.0%
18840601	73	199	BURNETT	13127750	5	May 26, 2017	0.37	0.38	0.37	100.0%
18840601	151	1042	BURNETT	13127750	5	May 26, 2017	0.23	0.23	0.23	100.0%
18840601	73	200	BURNETT	13127750	5	May 26, 2017	0.23	0.23	0.23	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 25, 2017	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 24, 2017	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 24, 2017	0.80	0.80	0.80	100.0%
18840715	15	799	MOORE	13132050	4	May 27, 2017	0.80	0.89	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	May 27, 2017	0.80	0.89	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	May 27, 2017	1.20	1.34	1.20	100.0%
18840715	133	324	MOORE	13132050	4	May 27, 2017	0.80	0.89	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 27, 2017	1.20	1.34	1.20	100.0%
18840715	115	323	MOORE	13132050	4	May 27, 2017	0.80	0.89	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	May 27, 2017	0.64	0.71	0.64	100.0%
18840731	44	1131	MOORE	13132050	4	May 27, 2017	0.80	0.89	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 27, 2017	0.20	0.22	0.20	100.0%
18840831	638	772	Upper Eastside &	13132101	2	May 27, 2017	0.40	0.45	0.40	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 27, 2017	0.27	0.30	0.27	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 27, 2017	0.50	0.56	0.50	100.0%
18840831	180	276	Upper Eastside &	13132101	2	May 27, 2017	1.31	1.46	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	May 27, 2017	3.20	3.57	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 25, 2017	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	May 26, 2017	0.40	0.41	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	May 26, 2017	0.80	0.81	0.80	100.0%
18841012	205	557	BECK	13130525	4	May 27, 2017	1.76	1.96	1.76	100.0%
18841012	70	341	MOORE	13132050	4	May 27, 2017	0.31	0.35	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	May 27, 2017	1.25	1.39	1.25	100.0%
18841012	459	342	MOORE	13132050	4	May 27, 2017	0.58	0.65	0.58	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 26, 2017	0.22	0.22	0.22	100.0%
18841012	317	385	SWAUGER	13127600	5	May 26, 2017	0.74	0.75	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 26, 2017	2.77	2.81	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 26, 2017	0.81	0.82	0.81	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 26, 2017	3.30	3.35	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	May 26, 2017	2.78	2.82	2.78	100.0%
18841012	190	418	SWAUGER	13127600	5	May 26, 2017	0.11	0.11	0.11	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 26, 2017	0.80	0.81	0.80	100.0%
18841012	347	1141	SHARP	13126500	6	May 25, 2017	0.84	0.84	0.84	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 26, 2017	0.79	0.80	0.79	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 26, 2017	0.61	0.62	0.61	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 26, 2017	2.00	2.03	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 26, 2017	1.65	1.67	1.65	100.0%

18850218	660	1654	DARLINGTON	13127735	5	May 26, 2017	1.10	1.12	1.10	100.0%
18850501	672	1630	Lower Eastside &	13132291	2	May 27, 2017	0.20	0.22	0.20	100.0%
18850501	672	1629	Lower Eastside &	13132291	2	May 27, 2017	1.80	2.01	1.80	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	May 27, 2017	1.62	1.81	1.62	100.0%
18850501	426	887	ARCO	13132365	2	May 27, 2017	0.64	1.00	0.64	100.0%
18850501	423	186	Lower Eastside &	13132291	2	May 27, 2017	0.26	0.29	0.26	100.0%
18850501	468	59	ARCO	13132365	2	May 27, 2017	0.74	1.16	0.74	100.0%
18850501	423	87	Lower Eastside &	13132291	2	May 27, 2017	0.20	0.22	0.20	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 24, 2017	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	May 24, 2017	0.50	0.50	0.50	100.0%
18850512	251	22	Upper Eastside &	13132101	2	May 27, 2017	0.12	0.13	0.12	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	May 27, 2017	0.20	0.22	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	May 27, 2017	0.50	0.56	0.50	100.0%
18850530	282	1190	SUTTER	13128105	5	May 26, 2017	0.20	0.20	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	May 27, 2017	2.52	2.81	2.52	100.0%
18850531	63	1354	MOORE	13132050	4	May 27, 2017	1.20	1.34	1.20	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 26, 2017	3.20	3.24	3.20	100.0%
18850601	205	554	BECK	13130525	4	May 27, 2017	0.59	0.66	0.59	100.0%
18850601	15	859	MOORE	13132050	4	May 27, 2017	0.50	0.56	0.50	100.0%
18850601	212	315	DARLINGTON	13127735	5	May 26, 2017	0.94	0.95	0.94	100.0%
18850601	20	949	DARLINGTON	13127735	5	May 26, 2017	0.40	0.41	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 26, 2017	2.60	2.64	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	May 26, 2017	1.54	1.56	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	May 25, 2017	0.76	0.76	0.76	100.0%
18850601	280	1183	SHARP	13126500	6	May 25, 2017	1.16	1.16	1.16	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 24, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 26, 2017	3.08	3.12	3.08	100.0%
18851002	370	1592	ARCO	13132365	2	May 27, 2017	1.16	1.82	1.16	100.0%
18851002	468	61	ARCO	13132365	2	May 27, 2017	3.60	5.64	3.60	100.0%
18851002	437	62	ARCO	13132365	2	May 27, 2017	1.54	2.41	1.54	100.0%
18851002	93	726	ARCO	13132365	2	May 27, 2017	0.50	0.78	0.50	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 25, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 27, 2017	4.52	5.04	4.52	100.0%
18860501	305	927	3IN1	13130605	4	May 27, 2017	0.86	0.96	0.86	100.0%
18860501	417	1050	MOORE	13132050	4	May 27, 2017	2.80	3.12	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 27, 2017	1.20	1.34	1.20	100.0%
18860512	85	1588	MOORE	13132050	4	May 27, 2017	0.18	0.20	0.18	100.0%
18860512	263	398	MOORE	13132050	4	May 27, 2017	0.18	0.20	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 27, 2017	0.48	0.54	0.48	100.0%
18860601	69	881	Upper Eastside &	13132101	2	May 27, 2017	1.54	1.72	1.54	100.0%
18860601	482	867	Upper Eastside &	13132101	2	May 27, 2017	0.96	1.07	0.96	100.0%
18860601	16	1009	MOORE	13132050	4	May 27, 2017	2.52	2.81	2.52	100.0%
18860601	339	1010	MOORE	13132050	4	May 27, 2017	0.68	0.76	0.68	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 25, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 25, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 27, 2017	0.90	1.00	0.90	100.0%
18860721	336	294	BURNETT	13127750	5	May 26, 2017	0.80	0.81	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 26, 2017	3.00	3.04	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 27, 2017	0.84	0.94	0.84	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 25, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 26, 2017	1.38	1.40	1.38	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	May 27, 2017	0.80	0.89	0.80	100.0%
18870313	70	337	MOORE	13132050	4	May 27, 2017	0.23	0.26	0.23	100.0%
18870313	433	683	MOORE	13132050	4	May 27, 2017	0.70	0.78	0.70	100.0%
18870313	459	338	MOORE	13132050	4	May 27, 2017	0.42	0.47	0.42	100.0%
18870313	73	201	BURNETT	13127750	5	May 26, 2017	1.05	1.06	1.05	100.0%
18870313	73	202	BURNETT	13127750	5	May 26, 2017	0.65	0.66	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	May 26, 2017	0.80	0.81	0.80	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 24, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 25, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	May 27, 2017	3.20	5.01	3.20	100.0%
18870601	468	893	ARCO	13132365	2	May 27, 2017	1.40	2.19	1.40	100.0%
18870601	423	76	Lower Eastside &	13132291	2	May 27, 2017	0.22	0.25	0.22	100.0%
18870601	423	1028	Lower Eastside &	13132291	2	May 27, 2017	1.80	2.01	1.80	100.0%

18870601	305	1351	3IN1	13130605	4	May 27, 2017	1.00	1.12	1.00	100.0%
18870601	252	353	DARLINGTON	13127735	5	May 26, 2017	0.43	0.44	0.43	100.0%
18870601	73	196	BURNETT	13127750	5	May 26, 2017	0.69	0.70	0.69	100.0%
18870601	73	195	BURNETT	13127750	5	May 26, 2017	1.11	1.13	1.11	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 25, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 25, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 24, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 24, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	May 27, 2017	0.80	0.89	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 26, 2017	0.80	0.81	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 26, 2017	0.80	0.81	0.80	100.0%
18870701	423	102	Lower Eastside &	13132291	2	May 27, 2017	0.40	0.45	0.40	100.0%
18870801	119	1166	BURNETT	13127750	5	May 26, 2017	0.27	0.27	0.27	100.0%
18870801	73	190	BURNETT	13127750	5	May 26, 2017	0.38	0.39	0.38	100.0%
18870801	73	189	BURNETT	13127750	5	May 26, 2017	0.62	0.63	0.62	100.0%
18870831	119	1154	BURNETT	13127750	5	May 26, 2017	1.20	1.22	1.20	100.0%
18880601	223	889	Upper Eastside &	13132101	2	May 27, 2017	1.76	1.96	1.76	100.0%
18880601	437	670	ARCO	13132365	2	May 27, 2017	0.33	0.52	0.33	100.0%
18880601	427	669	ARCO	13132365	2	May 27, 2017	0.81	1.26	0.81	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 26, 2017	0.33	0.33	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 26, 2017	0.98	0.99	0.98	100.0%
18880601	347	1138	SHARP	13126500	6	May 25, 2017	1.27	1.27	1.27	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 25, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 24, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 24, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	May 23, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	May 27, 2017	0.16	0.18	0.16	100.0%
18890601	652	1566	MOORE	13132050	4	May 27, 2017	0.50	0.56	0.50	100.0%
18890601	441	205	MOORE	13132050	4	May 27, 2017	0.97	1.08	0.97	100.0%
18890601	599	1552	MOORE	13132050	4	May 27, 2017	0.35	0.39	0.35	100.0%
18890601	463	1396	MOORE	13132050	4	May 27, 2017	0.20	0.22	0.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 26, 2017	2.70	2.74	2.70	100.0%
18890601	336	979	BURNETT	13127750	5	May 26, 2017	0.60	0.61	0.60	100.0%
18890601	475	969	BURNETT	13127750	5	May 26, 2017	1.20	1.22	1.20	100.0%
18890601	119	996	BURNETT	13127750	5	May 26, 2017	0.40	0.41	0.40	100.0%
18900601	372	886	ARCO	13132365	2	May 27, 2017	0.59	0.92	0.59	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 25, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 25, 2017	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 24, 2017	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 24, 2017	1.76	1.76	1.76	100.0%
18910630	205	555	BECK	13130525	4	May 27, 2017	0.25	0.28	0.25	100.0%
18910801	307	77	CHILLY	13121105	9	May 24, 2017	5.20	5.20	5.20	100.0%
18920501	468	60	ARCO	13132365	2	May 27, 2017	1.08	1.69	1.08	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 25, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 25, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 27, 2017	0.22	0.25	0.22	100.0%
18930323	77	688	MOORE	13132050	4	May 27, 2017	1.50	1.67	1.50	100.0%
18930323	77	366	MOORE	13132050	4	May 27, 2017	1.60	1.78	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 25, 2017	0.74	0.74	0.74	100.0%
18940310	475	989	BURNETT	13127750	5	May 26, 2017	0.44	0.45	0.44	100.0%
18940310	265	1223	BURNETT	13127750	5	May 26, 2017	2.80	2.84	2.80	100.0%
18940310	386	268	SUTTER	13128105	5	May 26, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 24, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 25, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 27, 2017	0.80	0.89	0.80	100.0%
18940531	77	800	MOORE	13132050	4	May 27, 2017	0.74	0.83	0.74	100.0%
18940531	5	776	MOORE	13132050	4	May 27, 2017	0.20	0.22	0.20	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 27, 2017	3.20	3.57	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 27, 2017	0.15	0.17	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 26, 2017	0.11	0.11	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	May 26, 2017	1.60	1.62	1.60	100.0%
18940601	390	408	SHARP	13126500	6	May 25, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 24, 2017	1.20	1.20	1.20	100.0%
18940926	381	866	DARLINGTON	13127735	5	May 26, 2017	0.38	0.39	0.38	100.0%

18940926	252	357	DARLINGTON	13127735	5	May 26, 2017	0.30	0.30	0.30	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 26, 2017	1.10	1.12	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 24, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	May 27, 2017	0.80	0.89	0.80	100.0%
18950601	417	378	MOORE	13132050	4	May 27, 2017	0.10	0.11	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 26, 2017	2.06	2.09	2.06	100.0%
18950601	445	411	NEILSEN	13120805	9	May 24, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 24, 2017	0.18	0.18	0.18	100.0%
18950630	265	1224	BURNETT	13127750	5	May 26, 2017	2.62	2.66	2.62	100.0%
18960302	309	873	MOORE	13132050	4	May 27, 2017	0.25	0.28	0.25	100.0%
18960302	402	872	MOORE	13132050	4	May 27, 2017	0.25	0.28	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 25, 2017	3.20	3.20	3.20	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 27, 2017	0.70	0.78	0.70	100.0%
18960601	45	998	Lower Eastside &	13132291	2	May 27, 2017	0.16	0.18	0.16	100.0%
18960601	180	278	Upper Eastside &	13132101	2	May 27, 2017	0.41	0.46	0.41	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	May 27, 2017	0.04	0.04	0.04	100.0%
18960601	463	128	MOORE	13132050	4	May 27, 2017	1.60	1.78	1.60	100.0%
18960601	417	381	MOORE	13132050	4	May 27, 2017	2.40	2.68	2.40	100.0%
18960601	459	993	MOORE	13132050	4	May 27, 2017	0.40	0.45	0.40	100.0%
18960601	441	207	MOORE	13132050	4	May 27, 2017	1.00	1.12	1.00	100.0%
18960601	652	1567	MOORE	13132050	4	May 27, 2017	0.40	0.45	0.40	100.0%
18960601	339	1118	MOORE	13132050	4	May 27, 2017	1.57	1.75	1.57	100.0%
18960601	417	992	MOORE	13132050	4	May 27, 2017	1.20	1.34	1.20	100.0%
18960601	263	399	MOORE	13132050	4	May 27, 2017	0.27	0.30	0.27	100.0%
18960601	263	397	MOORE	13132050	4	May 27, 2017	0.35	0.39	0.35	100.0%
18960601	85	1522	MOORE	13132050	4	May 27, 2017	0.26	0.29	0.26	100.0%
18960601	15	1106	MOORE	13132050	4	May 27, 2017	1.17	1.30	1.17	100.0%
18960601	309	877	MOORE	13132050	4	May 27, 2017	0.08	0.09	0.08	100.0%
18960601	402	876	MOORE	13132050	4	May 27, 2017	0.08	0.09	0.08	100.0%
18960601	2334	1495	MOORE	13132050	4	May 27, 2017	2.40	2.68	2.40	100.0%
18960601	96	457	MOORE	13132050	4	May 27, 2017	0.92	1.03	0.92	100.0%
18960601	96	461	MOORE	13132050	4	May 27, 2017	0.31	0.35	0.31	100.0%
18960601	85	1521	MOORE	13132050	4	May 27, 2017	0.23	0.26	0.23	100.0%
18960601	13	1119	MOORE	13132050	4	May 27, 2017	0.40	0.45	0.40	100.0%
18960601	252	359	DARLINGTON	13127735	5	May 26, 2017	0.79	0.80	0.79	100.0%
18960601	381	1180	DARLINGTON	13127735	5	May 26, 2017	1.15	1.17	1.15	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 25, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 27, 2017	2.00	3.13	2.00	100.0%
18960801	280	1186	SHARP	13126500	6	May 25, 2017	0.10	0.10	0.10	100.0%
18960901	427	672	ARCO	13132365	2	May 27, 2017	0.32	0.50	0.32	100.0%
18960901	437	671	ARCO	13132365	2	May 27, 2017	0.13	0.20	0.13	100.0%
18960928	150	216	MUNSEY	13132375	2	May 27, 2017	0.03	0.05	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	May 27, 2017	0.51	0.80	0.51	100.0%
18960928	392	840	MUNSEY	13132375	2	May 27, 2017	4.40	6.89	4.40	100.0%
18960928	150	215	MUNSEY	13132375	2	May 27, 2017	1.97	3.08	1.97	100.0%
18970510	427	6	ARCO	13132365	2	May 27, 2017	4.29	6.71	4.29	100.0%
18970510	437	664	ARCO	13132365	2	May 27, 2017	1.74	2.72	1.74	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 26, 2017	3.44	3.49	1.99	57.8%
18970510	73	191	BURNETT	13127750	5	May 26, 2017	0.92	0.93	0.92	100.0%
18970510	73	192	BURNETT	13127750	5	May 26, 2017	0.58	0.59	0.58	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 27, 2017	1.34	1.50	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 24, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 26, 2017	3.20	3.24	3.20	100.0%
18970615	180	280	Upper Eastside &	13132101	2	May 27, 2017	0.13	0.14	0.13	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 27, 2017	0.24	0.27	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 25, 2017	2.40	2.40	2.40	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	May 27, 2017	0.65	0.72	0.65	100.0%
18980601	437	1310	ARCO	13132365	2	May 27, 2017	1.60	2.50	1.60	100.0%
18980601	483	1274	CHILLY	13121105	9	May 24, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 24, 2017	2.01	2.01	2.01	100.0%
18980901	268	562	ARCO	13132365	2	May 27, 2017	1.57	2.46	1.57	100.0%
18980901	122	821	ARCO	13132365	2	May 27, 2017	0.10	0.16	0.10	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 25, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 25, 2017	0.50	0.50	0.50	100.0%

18990101	185	1639	Upper Eastside &	13132101	2	May 27, 2017	0.98	1.09	0.98	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 27, 2017	0.84	0.94	0.84	100.0%
18990327	180	468	Upper Eastside &	13132101	2	May 27, 2017	0.05	0.06	0.05	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 27, 2017	0.29	0.32	0.29	100.0%
18990327	219	549	MOORE	13132050	4	May 27, 2017	0.05	0.06	0.05	100.0%
18990327	459	1477	MOORE	13132050	4	May 27, 2017	0.01	0.01	0.01	100.0%
18990327	459	1090	MOORE	13132050	4	May 27, 2017	0.60	0.67	0.60	100.0%
18990327	433	272	MOORE	13132050	4	May 27, 2017	0.48	0.54	0.48	100.0%
18990501	427	934	ARCO	13132365	2	May 27, 2017	0.26	0.41	0.26	100.0%
18990518	138	443	BURNETT	13127750	5	May 26, 2017	0.02	0.02	0.02	100.0%
18990518	73	203	BURNETT	13127750	5	May 26, 2017	0.25	0.25	0.25	100.0%
18990518	73	204	BURNETT	13127750	5	May 26, 2017	0.15	0.15	0.15	100.0%
18990518	151	1044	BURNETT	13127750	5	May 26, 2017	0.15	0.15	0.15	100.0%
18990601	201	705	SWAUGER	13127600	5	May 26, 2017	0.28	0.29	0.28	100.0%
18990601	490	981	BURNETT	13127750	5	May 26, 2017	0.80	0.81	0.80	100.0%
18990601	360	704	BURNETT	13127750	5	May 26, 2017	1.20	1.22	1.20	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 24, 2017	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 24, 2017	2.74	2.74	2.74	100.0%
19000323	77	44	MOORE	13132050	4	May 27, 2017	3.00	3.35	3.00	100.0%
19000601	386	270	SUTTER	13128105	5	May 26, 2017	0.08	0.08	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 24, 2017	6.40	6.40	6.40	100.0%
19010722	427	926	ARCO	13132365	2	May 27, 2017	1.60	2.50	1.60	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 25, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 25, 2017	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	May 27, 2017	0.12	0.13	0.12	100.0%
19010901	459	340	MOORE	13132050	4	May 27, 2017	0.23	0.26	0.23	100.0%
19010901	433	685	MOORE	13132050	4	May 27, 2017	0.50	0.56	0.50	100.0%
19010901	151	1039	BURNETT	13127750	5	May 26, 2017	0.09	0.09	0.09	100.0%
19010901	73	197	BURNETT	13127750	5	May 26, 2017	0.16	0.16	0.16	100.0%
19010901	138	439	BURNETT	13127750	5	May 26, 2017	0.02	0.02	0.02	100.0%
19010901	73	198	BURNETT	13127750	5	May 26, 2017	0.10	0.10	0.10	100.0%
19011001	263	396	MOORE	13132050	4	May 27, 2017	0.14	0.16	0.14	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 24, 2017	2.60	2.60	2.60	100.0%
19020115	392	765	MUNSEY	13132375	2	May 27, 2017	1.96	3.07	1.96	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	May 27, 2017	0.20	0.22	0.20	100.0%
19020301	15	81	MOORE	13132050	4	May 27, 2017	0.44	0.49	0.44	100.0%
19020301	13	1122	MOORE	13132050	4	May 27, 2017	0.31	0.34	0.31	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 25, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 24, 2017	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	May 24, 2017	0.80	0.80	0.80	100.0%
19020301	307	834	CHILLY	13121105	9	May 24, 2017	2.40	2.40	2.40	100.0%
19020301	307	676	CHILLY	13121105	9	May 24, 2017	3.85	3.85	3.85	100.0%
19020301	373	24	CHILLY	13121105	9	May 24, 2017	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 24, 2017	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	May 24, 2017	3.40	3.40	3.40	100.0%
19020301	483	1500	CHILLY	13121105	9	May 24, 2017	1.60	1.60	1.60	100.0%
19020304	129	1062	CHILLY	13121105	9	May 24, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 24, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 24, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 27, 2017	1.48	1.65	1.48	100.0%
19020501	310	631	CHILLY	13121105	9	May 24, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 23, 2017	0.62	0.62	0.62	100.0%
19020601	16	1014	MOORE	13132050	4	May 27, 2017	0.92	1.03	0.92	100.0%
19020601	339	1015	MOORE	13132050	4	May 27, 2017	0.66	0.74	0.66	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 25, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 24, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 24, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 25, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 25, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 27, 2017	1.46	1.63	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	May 26, 2017	0.08	0.08	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 26, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	May 24, 2017	1.40	1.40	1.40	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 25, 2017	1.40	1.40	1.40	100.0%

19050501	575	891	Broken River Pum	13124050	8	May 25, 2017	0.02	0.02	0.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 25, 2017	0.13	0.13	0.13	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 24, 2017	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 24, 2017	0.02	0.02	0.02	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 24, 2017	0.65	0.65	0.65	100.0%
19050501	255	402	NEILSEN	13120805	9	May 24, 2017	0.50	0.50	0.50	100.0%
19050501	130	74	NEILSEN	13120805	9	May 24, 2017	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 24, 2017	0.82	0.82	0.82	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 24, 2017	0.40	0.40	0.40	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 24, 2017	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	May 24, 2017	0.30	0.30	0.30	100.0%
19050501	310	115	CHILLY	13121105	9	May 24, 2017	1.90	1.90	1.90	100.0%
19050501	129	1063	CHILLY	13121105	9	May 24, 2017	0.80	0.80	0.80	100.0%
19050501	373	432	CHILLY	13121105	9	May 24, 2017	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	May 24, 2017	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	May 24, 2017	1.10	1.10	1.10	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 24, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 23, 2017	2.58	2.58	2.58	100.0%
19060501	185	392	Upper Eastside &	13132101	2	May 27, 2017	0.19	0.21	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	May 24, 2017	0.50	0.50	0.50	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 24, 2017	1.08	1.08	1.08	100.0%
19070501	358	321	NEILSEN	13120805	9	May 24, 2017	1.52	1.52	1.52	100.0%
19070501	575	322	NEILSEN	13120805	9	May 24, 2017	1.48	1.48	1.48	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 24, 2017	1.30	1.30	1.30	100.0%
19080401	314	73	NEILSEN	13120805	9	May 24, 2017	2.04	2.04	2.04	100.0%
19080401	483	848	LONGHURST	13121505	9	May 24, 2017	2.10	2.10	2.10	100.0%
19080715	364	692	CHILLY	13121105	9	May 24, 2017	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	May 27, 2017	0.33	0.37	0.33	100.0%
19081207	70	343	MOORE	13132050	4	May 27, 2017	0.02	0.02	0.02	100.0%
19100501	131	69	Donahue 1	13122230	8	May 25, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 25, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 24, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 24, 2017	0.80	0.80	0.80	100.0%
19120227	364	954	CHILLY	13121105	9	May 24, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 25, 2017	1.20	1.20	1.20	100.0%
19120401	483	13	LONGHURST	13121505	9	May 24, 2017	1.71	1.71	1.71	100.0%
19120501	310	632	CHILLY	13121105	9	May 24, 2017	0.80	0.80	0.80	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 24, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 24, 2017	0.03	0.03	0.03	100.0%
19121014	130	75	NEILSEN	13120805	9	May 24, 2017	1.70	1.70	1.70	100.0%
19121014	403	813	NEILSEN	13120805	9	May 24, 2017	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 24, 2017	2.40	2.40	2.40	100.0%
19131206	575	1379	NEILSEN	13120805	9	May 24, 2017	1.72	1.72	1.72	100.0%
19131224	373	25	CHILLY	13121105	9	May 24, 2017	1.60	1.60	1.60	100.0%
19140601	445	413	NEILSEN	13120805	9	May 24, 2017	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	May 24, 2017	0.18	0.18	0.18	100.0%
19150504	310	636	CHILLY	13121105	9	May 24, 2017	0.42	0.42	0.42	100.0%
19150504	373	434	CHILLY	13121105	9	May 24, 2017	0.59	0.59	0.59	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 24, 2017	1.58	1.58	1.58	100.0%
19160501	129	633	CHILLY	13121105	9	May 24, 2017	0.80	0.80	0.80	100.0%
19160501	310	634	CHILLY	13121105	9	May 24, 2017	0.80	0.80	0.80	100.0%
19160501	373	26	CHILLY	13121105	9	May 24, 2017	0.41	0.41	0.41	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 25, 2017	1.36	1.36	1.36	100.0%
19170620	307	71	NEILSEN	13120805	9	May 24, 2017	0.80	0.80	0.80	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 25, 2017	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	May 27, 2017	0.01	0.02	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	May 27, 2017	0.79	1.24	0.79	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	May 25, 2017	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	May 27, 2017	0.50	0.56	0.50	100.0%
19440508	427	733	ARCO	13132365	2	May 27, 2017	0.35	0.54	0.35	100.0%
19440508	437	737	ARCO	13132365	2	May 27, 2017	1.06	1.66	1.06	100.0%
19600824	185	390	Upper Eastside &	13132101	2	May 27, 2017	0.11	0.12	0.11	100.0%
19740402	150	220	MUNSEY	13132375	2	May 27, 2017	0.02	0.03	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 27, 2017	4.40	6.89	4.40	100.0%

19760505	441 1232	MUNSEY	13132375	2	May 27, 2017	15.86	24.83	15.86	100.0%
19770529	327 176	MUNSEY	13132375	2	May 27, 2017	1.34	2.10	1.34	100.0%
19950203	476 1272	3IN1	13130605	4	May 27, 2017	32.00	35.68	32.00	100.0%
19950203	476 1272	MOORE	13132050	4	May 27, 2017	8.90	9.92	8.90	100.0%
19950411	476 1273	BURNETT	13127750	5	May 26, 2017	19.04	19.31	19.04	100.0%
19950411	476 1273	NEILSEN	13120805	9	May 24, 2017	4.00	4.00	4.00	100.0%
19950411	476 1273	CHILLY	13121105	9	May 24, 2017	10.00	10.00	10.00	100.0%
20090101	56 1660	MACKAY DAM	13126000	7	May 25, 2017	10000.00	10000.00	1405.68	14.1%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 24	2050.0	4.8		2054.8	0.00	2054.8	4.8	0.0		2050.0	0.0	
9	Howell to Chilly	May 25	5.0	157.5		-1887.5	0.92	167.3	142.7	14.8		19.8	-14.8	
8	Chilly to Reservoir ***Disconnected***	* May 26	1905.4	71.2		1971.6	0.00	2138.9	69.0	2.2		1922.4	-17.0	
7	Mackay Reservoir	* May 26	1494.0	0.0		1905.4	0.00	1905.4	1491.3			414.1		
6	Reservoir to 2B	May 26	1480.0	14.0		0.0	0.00	1895.9	9.5	4.5		404.6	1075.4	
5	2B to Leslie	May 27	1280.0	194.0		-6.0	0.00	1775.9	118.4	75.6		284.5	995.5	
4	Leslie to Eastside In	May 28	924.5	193.8		-161.7	0.13	1616.3	123.6	70.2		124.9	799.6	
2a	Eastside In To Weirs	* May 28	778.6	16.8	0.0	-129.1	0.14	1581.0	17.8	-1.0		89.7	688.9	0.0
2b	Weirs To Eastside Out	* May 28	632.8	12.1	0.0	-133.7	0.17	1553.8	11.8	0.3		62.5	570.3	0.0
2c	Eastside Out To Blw Muns	* May 28	525.2	107.6	0.0	0.0	0.00	1491.3	62.5	45.1	0.0	0.0	525.2	0.0
1	Blw Munsey to Arco	May 28	426.0	0.0		-99.2	0.19	1483.0	0.0	0.0		0.0	525.2	
3	River blw Moore Div	May 28	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
* - Indicates flow estimated, not measured							TOTAL		2051.5	211.7	0.0			

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 24	0.0		20090101	15%	1	18800630	3.2	556.5	165.0	
9	Howell to Chilly	May 25	-1887.5		20090101	15%	2	18810630	1.7	294.0	87.7	
8	Chilly to Reservoir ***Disconnected***	May 26	0.0		20090101	15%	3	18880601	3.2	556.5	165.0	
7	Mackay Reservoir	May 26	0.0		20090101	15%	4	18960601	6.4	1113.0	330.1	
6	Reservoir to 2B	May 26	0.0	0.0	20090101	15%	5	19020301	0.8	140.0	41.3	
5	2B to Leslie	May 27	-1.6	-4.3	20090101	15%	6	19051002	Unlimited	20646.0	20646.0	
4	Leslie to Eastside In	May 28	-35.9	-125.8	20090101	15%	7	19160207	Unlimited	17205.0	17205.0	
2a	Eastside In To Weirs	May 28	-17.4	-111.7	0.0	20090101	15%	8	19590902	Unlimited	6000.0	6000.0
2b	Weirs To Eastside Out	May 28	-15.4	-118.3	0.0	20090101	15%	9	Add Vol	Unlimited	200000.0	79301.5
2c	Eastside Out To Blw Muns	May 28	0.0	0.0	0.0	20090101	15%	10	Rotation	Unlimited	50000.0	0.0
1	Blw Munsey to Arco	May 28	0.0	-525.2	0.0	20090101	15%	TOTAL		296511.0	123941.5	
3	River blw Moore Div	May 28	0.0	0.0	20090101	15%						
TOTAL			-1957.8	-885.3	0.0							

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
20990.0	21800.0		810.0	408.4	3.1	343.7	194.6	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	55241.5
Total Storage Loss	-41377.6
Total Storage Deliver	-8198.6
Total Evaporation	-346.1
Accounting Balance	21799.2
Current Res Content	21800.0
Storage Balance Error	-0.8

DAILY STORAGE BALANCE

20990.0 Reservoir Content Previous Day [ac-ft]
21800.0 Reservoir Content Current Day [ac-ft]
810.0 Physical Change in Storage [ac-ft]

2958.1 Storage Allocated to Mackay Reservoir [ac-ft]
-1756.0 Stored Flow Losses [ac-ft]
-4.3 2B to Leslie [cfs]
-125.8 Leslie to Moore [cfs]
-755.2 Eastside [cfs]
0.0 River blw Moore [cfs]
-386.2 Storage Delivered [ac-ft]
4.5 Reservoir to 2B [cfs]
75.6 2B to Leslie [cfs]
70.2 Leslie to Moore [cfs]
44.4 Eastside to blw Munsey [cfs]
-6.1 Evaporation [ac-ft]
809.8 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1905.4 Natural Flow into Mackay Reservoir [cfs]

1491.3 Reservoir Rights Diverted [cfs]
62.7 Natural Flow Losses below Reservoir [cfs]
-1.6 2B to Leslie [cfs]
-35.9 Leslie to Moore [cfs]
-25.2 Eastside as River [cfs]
351.2 Natural Flow Delivered [cfs]
9.5 Reservoir to 2B [cfs]
118.4 2B to Leslie [cfs]
123.6 Leslie to Moore [cfs]
99.7 Eastside to blw Munsey [cfs]
1905.2 Natural Flow Delivered & Lost [cfs]

0.2 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	924.5			16.8	-2.7	389.3	389.3	-129.1	14.0%	778.6
Natural Flow	124.9			17.8	-2.9			-17.4		89.7
Stored Flow	799.6			-1.0	0.2			-111.7		688.9
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	389.3	389.3		12.1	-4.9	632.8	-133.7	17.2%	-255.2
Natural Flow				11.8	-4.8	62.5	-15.4		-25.2
Stored Flow				0.3	-0.1	570.3	-118.3		-230.0
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	632.8	107.6	525.2	
Natural Flow	62.5	62.5	0.0	
Stored Flow	570.3	45.1	525.2	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	36.5	888.0	14.6	764.0	632.8
Natural Flow	37.3	87.7	14.2	75.4	62.5
Stored Flow	-0.8	800.3	0.4	688.6	570.3
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	14.0	4.5	111.3
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	32.0	13.4	314.7
9 BITTON	0.0	0.0	69.4	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.0	6.0	189.4	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	26.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	160.7	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	104.0	35.4	1224.7
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	1248.2
9 NEILSEN	50.5	4.4	188.6	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	0.0	11.9	5 SUTTER	6.0	2.7	96.0
9 CHILLY	65.0	0.4	217.4	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	16.0	10.8	534.0
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	0.0	269.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	4.8	4 3IN1	37.8	1.9	274.7
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	140.0	57.4	2498.2
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	133.2	2 EASTSIDE FHDiv	36.5	-0.8	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	56.8	570.3	22027.0
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.2	0.0	0.0	2 MUNSEY	50.8	570.3	22027.0
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.3	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	1.3	33.3	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 25, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	May 25, 2017	4.36	4.36	4.36	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 26, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 26, 2017	0.01	0.01	0.01	100.0%
18800601	93	723	ARCO	13132365	2	May 28, 2017	0.04	0.06	0.04	100.0%
18800601	370	530	ARCO	13132365	2	May 28, 2017	0.15	0.24	0.15	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 26, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 26, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 26, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 26, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 26, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 25, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 26, 2017	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	May 28, 2017	0.79	0.91	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	May 28, 2017	1.16	1.33	1.16	100.0%
18830601	645	464	MOORE	13132050	4	May 28, 2017	0.11	0.13	0.11	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 28, 2017	0.43	0.49	0.43	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	May 28, 2017	0.21	0.24	0.21	100.0%
18830810	263	393	MOORE	13132050	4	May 28, 2017	0.18	0.21	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	May 28, 2017	1.38	1.59	1.38	100.0%
18830810	85	1583	MOORE	13132050	4	May 28, 2017	0.18	0.21	0.18	100.0%
18830810	96	449	MOORE	13132050	4	May 28, 2017	0.48	0.55	0.48	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 27, 2017	0.68	0.68	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 28, 2017	1.64	1.88	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	May 28, 2017	0.14	0.16	0.14	100.0%
18840422	585	951	SWAUGER	13127600	5	May 27, 2017	0.18	0.18	0.18	100.0%
18840422	347	938	SWAUGER	13127600	5	May 27, 2017	0.82	0.82	0.82	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 27, 2017	0.07	0.07	0.07	100.0%
18840422	201	83	SWAUGER	13127600	5	May 27, 2017	1.12	1.12	1.12	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 27, 2017	1.44	1.45	1.44	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 27, 2017	0.55	0.55	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 27, 2017	1.63	1.64	1.63	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 27, 2017	0.20	0.20	0.20	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 27, 2017	2.17	2.18	2.17	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 27, 2017	0.96	0.96	0.96	100.0%
18840422	525	1465	BURNETT	13127750	5	May 27, 2017	1.92	1.93	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	May 27, 2017	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	May 27, 2017	2.00	2.01	2.00	100.0%
18840422	103	1289	SHARP	13126500	6	May 26, 2017	0.64	0.64	0.64	100.0%
18840422	24	120	SHARP	13126500	6	May 26, 2017	0.08	0.08	0.08	100.0%
18840422	632	1539	SHARP	13126500	6	May 26, 2017	0.12	0.12	0.12	100.0%
18840422	544	1067	SHARP	13126500	6	May 26, 2017	1.00	1.00	1.00	100.0%
18840422	390	406	SHARP	13126500	6	May 26, 2017	0.09	0.09	0.09	100.0%
18840422	2525	407	SHARP	13126500	6	May 26, 2017	0.08	0.08	0.08	100.0%
18840422	397	10	SHARP	13126500	6	May 26, 2017	0.12	0.12	0.12	100.0%
18840422	347	938	SHARP	13126500	6	May 26, 2017	3.18	3.18	3.18	100.0%
18840430	119	1366	BURNETT	13127750	5	May 27, 2017	0.40	0.40	0.40	100.0%
18840430	73	194	BURNETT	13127750	5	May 27, 2017	0.77	0.77	0.77	100.0%
18840430	73	193	BURNETT	13127750	5	May 27, 2017	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	May 27, 2017	1.60	1.61	1.60	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 26, 2017	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 26, 2017	1.80	1.80	1.80	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 28, 2017	0.16	0.18	0.16	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 28, 2017	1.15	1.32	1.15	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 28, 2017	0.16	0.18	0.16	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 28, 2017	0.80	0.92	0.80	100.0%
18840520	96	451	MOORE	13132050	4	May 28, 2017	0.58	0.67	0.58	100.0%
18840520	85	1584	MOORE	13132050	4	May 28, 2017	0.22	0.25	0.22	100.0%
18840520	340	816	MOORE	13132050	4	May 28, 2017	0.28	0.32	0.28	100.0%

18840520	219	547	MOORE	13132050	4	May 28, 2017	1.12	1.29	1.12	100.0%
18840520	459	1478	MOORE	13132050	4	May 28, 2017	0.01	0.01	0.01	100.0%
18840520	2331	463	MOORE	13132050	4	May 28, 2017	2.24	2.57	2.24	100.0%
18840520	427	1	MOORE	13132050	4	May 28, 2017	0.80	0.92	0.80	100.0%
18840520	2331	471	MOORE	13132050	4	May 28, 2017	1.35	1.55	1.35	100.0%
18840520	2333	657	MOORE	13132050	4	May 28, 2017	0.78	0.90	0.78	100.0%
18840520	2335	265	MOORE	13132050	4	May 28, 2017	0.66	0.76	0.66	100.0%
18840520	645	462	MOORE	13132050	4	May 28, 2017	0.27	0.31	0.27	100.0%
18840520	66	266	MOORE	13132050	4	May 28, 2017	0.02	0.02	0.02	100.0%
18840520	459	797	MOORE	13132050	4	May 28, 2017	1.20	1.38	1.20	100.0%
18840520	433	271	MOORE	13132050	4	May 28, 2017	0.54	0.62	0.54	100.0%
18840520	263	394	MOORE	13132050	4	May 28, 2017	0.22	0.25	0.22	100.0%
18840531	338	122	DARLINGTON	13127735	5	May 27, 2017	0.72	0.72	0.72	100.0%
18840601	96	453	MOORE	13132050	4	May 28, 2017	0.21	0.24	0.21	100.0%
18840601	85	1545	MOORE	13132050	4	May 28, 2017	0.54	0.62	0.54	100.0%
18840601	263	395	MOORE	13132050	4	May 28, 2017	0.08	0.09	0.08	100.0%
18840601	359	1012	MOORE	13132050	4	May 28, 2017	1.28	1.47	1.28	100.0%
18840601	15	131	MOORE	13132050	4	May 28, 2017	0.37	0.42	0.37	100.0%
18840601	85	1544	MOORE	13132050	4	May 28, 2017	0.09	0.10	0.09	100.0%
18840601	85	1585	MOORE	13132050	4	May 28, 2017	0.08	0.09	0.08	100.0%
18840601	138	441	BURNETT	13127750	5	May 27, 2017	0.04	0.04	0.04	100.0%
18840601	73	200	BURNETT	13127750	5	May 27, 2017	0.23	0.23	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	May 27, 2017	0.73	0.74	0.73	100.0%
18840601	297	712	BURNETT	13127750	5	May 27, 2017	0.80	0.80	0.80	100.0%
18840601	73	199	BURNETT	13127750	5	May 27, 2017	0.37	0.37	0.37	100.0%
18840601	360	693	BURNETT	13127750	5	May 27, 2017	0.80	0.80	0.80	100.0%
18840601	151	1042	BURNETT	13127750	5	May 27, 2017	0.23	0.23	0.23	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 26, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 25, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 25, 2017	0.40	0.40	0.40	100.0%
18840715	115	323	MOORE	13132050	4	May 28, 2017	0.76	0.87	0.76	100.0%
18840715	417	1194	MOORE	13132050	4	May 28, 2017	1.20	1.38	1.20	100.0%
18840715	15	799	MOORE	13132050	4	May 28, 2017	0.80	0.92	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	May 28, 2017	0.80	0.92	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	May 28, 2017	1.20	1.38	1.20	100.0%
18840715	133	324	MOORE	13132050	4	May 28, 2017	0.76	0.87	0.76	100.0%
18840731	44	1131	MOORE	13132050	4	May 28, 2017	0.80	0.92	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	May 28, 2017	0.48	0.55	0.48	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 28, 2017	0.20	0.23	0.20	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 28, 2017	0.50	0.57	0.50	100.0%
18840831	638	772	Upper Eastside &	13132101	2	May 28, 2017	0.40	0.46	0.40	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 28, 2017	0.29	0.33	0.29	100.0%
18840831	180	276	Upper Eastside &	13132101	2	May 28, 2017	1.31	1.51	1.31	100.0%
18840901	441	1107	MOORE	13132050	4	May 28, 2017	3.20	3.68	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 26, 2017	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	May 27, 2017	0.40	0.40	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	May 27, 2017	0.80	0.80	0.80	100.0%
18841012	205	557	BECK	13130525	4	May 28, 2017	1.76	2.02	1.76	100.0%
18841012	459	342	MOORE	13132050	4	May 28, 2017	0.58	0.67	0.58	100.0%
18841012	70	341	MOORE	13132050	4	May 28, 2017	0.31	0.36	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	May 28, 2017	1.25	1.44	1.25	100.0%
18841012	317	385	SWAUGER	13127600	5	May 27, 2017	0.74	0.74	0.74	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 27, 2017	0.80	0.80	0.80	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 27, 2017	3.30	3.31	3.30	100.0%
18841012	190	418	SWAUGER	13127600	5	May 27, 2017	0.11	0.11	0.11	100.0%
18841012	524	11	SWAUGER	13127600	5	May 27, 2017	2.78	2.79	2.78	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 27, 2017	2.77	2.78	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 27, 2017	0.81	0.81	0.81	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 27, 2017	0.22	0.22	0.22	100.0%
18841012	347	1141	SHARP	13126500	6	May 26, 2017	0.84	0.84	0.84	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 27, 2017	0.61	0.61	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 27, 2017	1.65	1.66	1.65	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 27, 2017	1.10	1.10	1.10	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 27, 2017	2.00	2.01	2.00	100.0%

18850218	381	806	DARLINGTON	13127735	5	May 27, 2017	0.79	0.79	0.79	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	May 28, 2017	1.62	1.86	1.62	100.0%
18850501	672	1630	Lower Eastside &	13132291	2	May 28, 2017	0.20	0.23	0.20	100.0%
18850501	672	1629	Lower Eastside &	13132291	2	May 28, 2017	1.80	2.07	1.80	100.0%
18850501	426	887	ARCO	13132365	2	May 28, 2017	0.64	1.03	0.64	100.0%
18850501	423	87	Lower Eastside &	13132291	2	May 28, 2017	0.20	0.23	0.20	100.0%
18850501	423	186	Lower Eastside &	13132291	2	May 28, 2017	0.26	0.30	0.26	100.0%
18850501	468	59	ARCO	13132365	2	May 28, 2017	0.74	1.19	0.74	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 25, 2017	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	May 25, 2017	0.50	0.50	0.50	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	May 28, 2017	0.20	0.23	0.20	100.0%
18850512	251	22	Upper Eastside &	13132101	2	May 28, 2017	0.12	0.14	0.12	100.0%
18850515	359	1034	MOORE	13132050	4	May 28, 2017	0.38	0.44	0.38	100.0%
18850530	282	1190	SUTTER	13128105	5	May 27, 2017	0.20	0.20	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	May 28, 2017	2.52	2.90	2.52	100.0%
18850531	63	1354	MOORE	13132050	4	May 28, 2017	1.12	1.29	1.12	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 27, 2017	3.20	3.21	3.20	100.0%
18850601	205	554	BECK	13130525	4	May 28, 2017	0.59	0.68	0.59	100.0%
18850601	15	859	MOORE	13132050	4	May 28, 2017	0.50	0.57	0.50	100.0%
18850601	212	315	DARLINGTON	13127735	5	May 27, 2017	0.94	0.94	0.94	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 27, 2017	2.60	2.61	2.60	100.0%
18850601	20	949	DARLINGTON	13127735	5	May 27, 2017	0.40	0.40	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	May 27, 2017	1.54	1.55	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	May 26, 2017	0.76	0.76	0.76	100.0%
18850601	280	1183	SHARP	13126500	6	May 26, 2017	1.16	1.16	1.16	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 25, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 27, 2017	3.08	3.09	3.08	100.0%
18851002	437	62	ARCO	13132365	2	May 28, 2017	1.54	2.48	1.54	100.0%
18851002	468	61	ARCO	13132365	2	May 28, 2017	3.60	5.81	3.60	100.0%
18851002	93	726	ARCO	13132365	2	May 28, 2017	0.50	0.81	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	May 28, 2017	1.16	1.87	1.16	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 26, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 28, 2017	4.54	5.22	4.54	100.0%
18860501	305	927	3IN1	13130605	4	May 28, 2017	0.86	0.99	0.86	100.0%
18860501	417	644	MOORE	13132050	4	May 28, 2017	1.20	1.38	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 28, 2017	2.80	3.22	2.80	100.0%
18860512	85	1588	MOORE	13132050	4	May 28, 2017	0.18	0.21	0.18	100.0%
18860512	263	398	MOORE	13132050	4	May 28, 2017	0.18	0.21	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 28, 2017	0.48	0.55	0.48	100.0%
18860601	482	867	Upper Eastside &	13132101	2	May 28, 2017	1.24	1.43	1.24	100.0%
18860601	69	881	Upper Eastside &	13132101	2	May 28, 2017	1.54	1.77	1.54	100.0%
18860601	16	1009	MOORE	13132050	4	May 28, 2017	2.52	2.90	2.52	100.0%
18860601	339	1010	MOORE	13132050	4	May 28, 2017	0.68	0.78	0.68	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 26, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 26, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 28, 2017	0.90	1.03	0.90	100.0%
18860721	336	294	BURNETT	13127750	5	May 27, 2017	0.80	0.80	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 27, 2017	3.00	3.01	3.00	100.0%
18860901	256	758	MUNSEY	13132375	2	May 28, 2017	2.00	3.23	2.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 28, 2017	0.84	0.97	0.84	100.0%
18860901	165	1248	BURNETT	13127750	5	May 27, 2017	1.60	1.61	1.60	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 26, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 27, 2017	1.28	1.29	1.28	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	May 28, 2017	0.80	0.92	0.80	100.0%
18870313	459	338	MOORE	13132050	4	May 28, 2017	0.42	0.48	0.42	100.0%
18870313	70	337	MOORE	13132050	4	May 28, 2017	0.23	0.26	0.23	100.0%
18870313	433	683	MOORE	13132050	4	May 28, 2017	0.70	0.80	0.70	100.0%
18870313	73	201	BURNETT	13127750	5	May 27, 2017	1.05	1.05	1.05	100.0%
18870313	360	681	BURNETT	13127750	5	May 27, 2017	0.80	0.80	0.80	100.0%
18870313	73	202	BURNETT	13127750	5	May 27, 2017	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 25, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 26, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	May 28, 2017	3.20	5.16	3.20	100.0%
18870601	423	76	Lower Eastside &	13132291	2	May 28, 2017	0.22	0.25	0.22	100.0%

18870601	468	893	ARCO	13132365	2	May 28, 2017	1.40	2.26	1.40	100.0%
18870601	423	1028	Lower Eastside &	13132291	2	May 28, 2017	1.80	2.07	1.80	100.0%
18870601	305	1351	3IN1	13130605	4	May 28, 2017	1.00	1.15	1.00	100.0%
18870601	252	353	DARLINGTON	13127735	5	May 27, 2017	0.43	0.43	0.43	100.0%
18870601	73	196	BURNETT	13127750	5	May 27, 2017	0.69	0.69	0.69	100.0%
18870601	73	195	BURNETT	13127750	5	May 27, 2017	1.11	1.11	1.11	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 26, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 26, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 25, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 25, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	May 28, 2017	0.80	0.92	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 27, 2017	0.80	0.80	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 27, 2017	0.80	0.80	0.80	100.0%
18870630	165	980	BURNETT	13127750	5	May 27, 2017	0.80	0.80	0.80	100.0%
18870701	423	102	Lower Eastside &	13132291	2	May 28, 2017	0.38	0.44	0.38	100.0%
18870801	73	190	BURNETT	13127750	5	May 27, 2017	0.38	0.38	0.38	100.0%
18870801	73	189	BURNETT	13127750	5	May 27, 2017	0.62	0.62	0.62	100.0%
18870801	119	1166	BURNETT	13127750	5	May 27, 2017	0.27	0.27	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	May 27, 2017	1.20	1.20	1.20	100.0%
18880601	223	889	Upper Eastside &	13132101	2	May 28, 2017	1.78	2.05	1.78	100.0%
18880601	427	669	ARCO	13132365	2	May 28, 2017	0.81	1.30	0.81	100.0%
18880601	437	670	ARCO	13132365	2	May 28, 2017	0.33	0.53	0.33	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 27, 2017	0.33	0.33	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 27, 2017	0.98	0.98	0.98	100.0%
18880601	347	1138	SHARP	13126500	6	May 26, 2017	1.27	1.27	1.27	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 26, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 25, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 25, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	May 24, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	May 28, 2017	0.16	0.18	0.16	100.0%
18890601	441	205	MOORE	13132050	4	May 28, 2017	0.97	1.11	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	May 28, 2017	0.50	0.57	0.50	100.0%
18890601	599	1552	MOORE	13132050	4	May 28, 2017	0.35	0.40	0.35	100.0%
18890601	463	1396	MOORE	13132050	4	May 28, 2017	0.20	0.23	0.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 27, 2017	2.70	2.71	2.70	100.0%
18890601	119	996	BURNETT	13127750	5	May 27, 2017	0.40	0.40	0.40	100.0%
18890601	475	969	BURNETT	13127750	5	May 27, 2017	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	May 27, 2017	0.58	0.58	0.58	100.0%
18900601	372	886	ARCO	13132365	2	May 28, 2017	0.59	0.95	0.59	100.0%
18900601	416	591	3IN1	13130605	4	May 28, 2017	0.75	0.86	0.75	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 26, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 26, 2017	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 25, 2017	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 25, 2017	0.24	0.24	0.24	100.0%
18910630	205	555	BECK	13130525	4	May 28, 2017	0.25	0.29	0.25	100.0%
18910801	307	77	CHILLY	13121105	9	May 25, 2017	5.20	5.20	5.20	100.0%
18920501	468	60	ARCO	13132365	2	May 28, 2017	1.02	1.64	1.02	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 26, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 26, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 28, 2017	0.22	0.25	0.22	100.0%
18930323	77	688	MOORE	13132050	4	May 28, 2017	1.50	1.72	1.50	100.0%
18930323	77	366	MOORE	13132050	4	May 28, 2017	1.60	1.84	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 26, 2017	0.74	0.74	0.74	100.0%
18940310	265	1223	BURNETT	13127750	5	May 27, 2017	2.80	2.81	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 27, 2017	0.44	0.44	0.44	100.0%
18940310	386	268	SUTTER	13128105	5	May 27, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 25, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 26, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 28, 2017	0.80	0.92	0.80	100.0%
18940531	5	776	MOORE	13132050	4	May 28, 2017	0.20	0.23	0.20	100.0%
18940531	77	800	MOORE	13132050	4	May 28, 2017	0.74	0.85	0.74	100.0%
18940601	482	1301	Upper Eastside &	13132101	2	May 28, 2017	0.50	0.57	0.50	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 28, 2017	3.20	3.68	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 28, 2017	0.15	0.17	0.15	100.0%

18940601	317	1534	SWAUGER	13127600	5	May 27, 2017	0.11	0.11	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	May 27, 2017	1.60	1.61	1.60	100.0%
18940601	390	408	SHARP	13126500	6	May 26, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 25, 2017	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	May 27, 2017	0.30	0.30	0.30	100.0%
18940926	381	866	DARLINGTON	13127735	5	May 27, 2017	0.38	0.38	0.38	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 27, 2017	1.10	1.10	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 25, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	May 28, 2017	0.80	0.92	0.80	100.0%
18950601	417	378	MOORE	13132050	4	May 28, 2017	0.10	0.11	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 27, 2017	2.00	2.01	2.00	100.0%
18950601	445	410	NEILSEN	13120805	9	May 25, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 25, 2017	0.02	0.02	0.02	100.0%
18950610	416	592	3IN1	13130605	4	May 28, 2017	2.25	2.59	2.25	100.0%
18950630	265	1224	BURNETT	13127750	5	May 27, 2017	2.62	2.63	2.62	100.0%
18960302	309	873	MOORE	13132050	4	May 28, 2017	0.25	0.29	0.25	100.0%
18960302	402	872	MOORE	13132050	4	May 28, 2017	0.25	0.29	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 26, 2017	3.20	3.20	3.20	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	May 28, 2017	0.04	0.04	0.04	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 28, 2017	0.70	0.80	0.70	100.0%
18960601	180	278	Upper Eastside &	13132101	2	May 28, 2017	0.41	0.47	0.41	100.0%
18960601	45	998	Lower Eastside &	13132291	2	May 28, 2017	0.16	0.18	0.16	100.0%
18960601	402	876	MOORE	13132050	4	May 28, 2017	0.08	0.10	0.08	100.0%
18960601	441	207	MOORE	13132050	4	May 28, 2017	1.00	1.15	1.00	100.0%
18960601	96	457	MOORE	13132050	4	May 28, 2017	0.92	1.06	0.92	100.0%
18960601	417	992	MOORE	13132050	4	May 28, 2017	1.20	1.38	1.20	100.0%
18960601	85	1522	MOORE	13132050	4	May 28, 2017	0.14	0.16	0.14	100.0%
18960601	85	1521	MOORE	13132050	4	May 28, 2017	0.23	0.26	0.23	100.0%
18960601	417	381	MOORE	13132050	4	May 28, 2017	2.40	2.76	2.40	100.0%
18960601	652	1567	MOORE	13132050	4	May 28, 2017	0.34	0.39	0.34	100.0%
18960601	96	461	MOORE	13132050	4	May 28, 2017	0.11	0.13	0.11	100.0%
18960601	263	399	MOORE	13132050	4	May 28, 2017	0.27	0.31	0.27	100.0%
18960601	15	1106	MOORE	13132050	4	May 28, 2017	1.17	1.34	1.17	100.0%
18960601	459	993	MOORE	13132050	4	May 28, 2017	0.40	0.46	0.40	100.0%
18960601	339	1118	MOORE	13132050	4	May 28, 2017	1.57	1.80	1.57	100.0%
18960601	13	1119	MOORE	13132050	4	May 28, 2017	0.40	0.46	0.40	100.0%
18960601	463	128	MOORE	13132050	4	May 28, 2017	1.60	1.84	1.60	100.0%
18960601	263	397	MOORE	13132050	4	May 28, 2017	0.35	0.40	0.35	100.0%
18960601	309	877	MOORE	13132050	4	May 28, 2017	0.08	0.10	0.08	100.0%
18960601	2334	1495	MOORE	13132050	4	May 28, 2017	2.40	2.76	2.40	100.0%
18960601	381	1180	DARLINGTON	13127735	5	May 27, 2017	1.15	1.15	1.15	100.0%
18960601	252	359	DARLINGTON	13127735	5	May 27, 2017	0.79	0.79	0.79	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 26, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 28, 2017	2.00	3.23	2.00	100.0%
18960801	280	1186	SHARP	13126500	6	May 26, 2017	0.10	0.10	0.10	100.0%
18960901	427	672	ARCO	13132365	2	May 28, 2017	0.32	0.52	0.32	100.0%
18960901	437	671	ARCO	13132365	2	May 28, 2017	0.13	0.21	0.13	100.0%
18960928	392	840	MUNSEY	13132375	2	May 28, 2017	4.40	7.10	4.40	100.0%
18960928	150	215	MUNSEY	13132375	2	May 28, 2017	1.97	3.18	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	May 28, 2017	0.03	0.05	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	May 28, 2017	0.51	0.82	0.51	100.0%
18970510	427	6	ARCO	13132365	2	May 28, 2017	4.29	6.91	4.29	100.0%
18970510	437	664	ARCO	13132365	2	May 28, 2017	1.74	2.81	1.74	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 27, 2017	3.44	3.45	1.99	57.8%
18970510	73	192	BURNETT	13127750	5	May 27, 2017	0.58	0.58	0.58	100.0%
18970510	73	191	BURNETT	13127750	5	May 27, 2017	0.92	0.92	0.92	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 28, 2017	1.34	1.54	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 25, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 27, 2017	3.20	3.21	3.20	100.0%
18970615	180	280	Upper Eastside &	13132101	2	May 28, 2017	0.13	0.15	0.13	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 28, 2017	0.24	0.28	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 26, 2017	2.40	2.40	2.40	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	May 28, 2017	0.65	0.75	0.65	100.0%
18980601	437	1310	ARCO	13132365	2	May 28, 2017	1.60	2.58	1.60	100.0%

18980601	483	1274	CHILLY	13121105	9	May 25, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 25, 2017	2.01	2.01	2.01	100.0%
18980901	122	821	ARCO	13132365	2	May 28, 2017	0.10	0.17	0.10	100.0%
18980901	268	562	ARCO	13132365	2	May 28, 2017	1.57	2.53	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 26, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 26, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	May 28, 2017	0.98	1.13	0.98	100.0%
18990327	180	468	Upper Eastside &	13132101	2	May 28, 2017	0.05	0.06	0.05	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 28, 2017	0.84	0.97	0.84	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 28, 2017	0.15	0.17	0.15	100.0%
18990327	459	1477	MOORE	13132050	4	May 28, 2017	0.01	0.01	0.01	100.0%
18990327	433	272	MOORE	13132050	4	May 28, 2017	0.48	0.55	0.48	100.0%
18990327	459	1090	MOORE	13132050	4	May 28, 2017	0.60	0.69	0.60	100.0%
18990501	427	934	ARCO	13132365	2	May 28, 2017	0.26	0.42	0.26	100.0%
18990518	73	204	BURNETT	13127750	5	May 27, 2017	0.15	0.15	0.15	100.0%
18990518	138	443	BURNETT	13127750	5	May 27, 2017	0.02	0.02	0.02	100.0%
18990518	151	1044	BURNETT	13127750	5	May 27, 2017	0.15	0.15	0.15	100.0%
18990518	73	203	BURNETT	13127750	5	May 27, 2017	0.25	0.25	0.25	100.0%
18990601	201	705	SWAUGER	13127600	5	May 27, 2017	0.28	0.28	0.28	100.0%
18990601	360	704	BURNETT	13127750	5	May 27, 2017	1.20	1.20	1.20	100.0%
18990601	165	982	BURNETT	13127750	5	May 27, 2017	0.80	0.80	0.80	100.0%
18990601	490	981	BURNETT	13127750	5	May 27, 2017	0.80	0.80	0.80	100.0%
18990601	307	72	NEILSEN	13120805	9	May 25, 2017	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 25, 2017	0.60	0.60	0.60	100.0%
19000323	77	44	MOORE	13132050	4	May 28, 2017	3.00	3.45	3.00	100.0%
19000601	386	270	SUTTER	13128105	5	May 27, 2017	0.08	0.08	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 25, 2017	6.40	6.40	6.40	100.0%
19010722	427	926	ARCO	13132365	2	May 28, 2017	1.60	2.58	1.60	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 26, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 26, 2017	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	May 28, 2017	0.10	0.11	0.10	100.0%
19010901	433	685	MOORE	13132050	4	May 28, 2017	0.50	0.57	0.50	100.0%
19010901	459	340	MOORE	13132050	4	May 28, 2017	0.23	0.26	0.23	100.0%
19010901	73	198	BURNETT	13127750	5	May 27, 2017	0.10	0.10	0.10	100.0%
19010901	73	197	BURNETT	13127750	5	May 27, 2017	0.16	0.16	0.16	100.0%
19010901	151	1039	BURNETT	13127750	5	May 27, 2017	0.08	0.08	0.08	100.0%
19010901	138	439	BURNETT	13127750	5	May 27, 2017	0.02	0.02	0.02	100.0%
19011001	263	396	MOORE	13132050	4	May 28, 2017	0.14	0.16	0.14	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 25, 2017	2.60	2.60	2.60	100.0%
19020115	392	765	MUNSEY	13132375	2	May 28, 2017	1.60	2.58	1.60	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	May 28, 2017	0.20	0.23	0.20	100.0%
19020301	15	81	MOORE	13132050	4	May 28, 2017	0.22	0.26	0.22	100.0%
19020301	13	1122	MOORE	13132050	4	May 28, 2017	0.31	0.35	0.31	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 26, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 25, 2017	0.90	0.90	0.90	100.0%
19020301	609	1492	CHILLY	13121105	9	May 25, 2017	3.40	3.40	3.40	100.0%
19020301	483	1500	CHILLY	13121105	9	May 25, 2017	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	May 25, 2017	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	May 25, 2017	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 25, 2017	3.20	3.20	3.20	100.0%
19020301	307	834	CHILLY	13121105	9	May 25, 2017	2.40	2.40	2.40	100.0%
19020301	307	676	CHILLY	13121105	9	May 25, 2017	3.85	3.85	3.85	100.0%
19020304	129	1062	CHILLY	13121105	9	May 25, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 25, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 25, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 28, 2017	1.38	1.59	1.38	100.0%
19020501	310	631	CHILLY	13121105	9	May 25, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 24, 2017	0.62	0.62	0.62	100.0%
19020601	339	1015	MOORE	13132050	4	May 28, 2017	0.66	0.76	0.66	100.0%
19020601	16	1014	MOORE	13132050	4	May 28, 2017	0.92	1.06	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 26, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 25, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 25, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 26, 2017	1.74	1.74	1.74	100.0%

19030401	364	970	Upper Fish Hatch	13124160	8	May 26, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 28, 2017	1.46	1.68	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	May 27, 2017	0.08	0.08	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 27, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	May 25, 2017	1.40	1.40	1.40	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 26, 2017	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 26, 2017	0.02	0.02	0.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 26, 2017	0.13	0.13	0.13	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 25, 2017	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 25, 2017	0.62	0.62	0.62	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 25, 2017	0.82	0.82	0.82	100.0%
19050501	403	811	NEILSEN	13120805	9	May 25, 2017	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 25, 2017	3.00	3.00	3.00	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 25, 2017	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 25, 2017	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	May 25, 2017	1.30	1.30	1.30	100.0%
19050501	255	402	NEILSEN	13120805	9	May 25, 2017	0.50	0.50	0.50	100.0%
19050501	364	629	CHILLY	13121105	9	May 25, 2017	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	May 25, 2017	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	May 25, 2017	1.10	1.10	1.10	100.0%
19050501	129	1063	CHILLY	13121105	9	May 25, 2017	0.80	0.80	0.80	100.0%
19050501	310	115	CHILLY	13121105	9	May 25, 2017	1.90	1.90	1.90	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 25, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 24, 2017	2.58	2.58	2.58	100.0%
19060501	185	392	Upper Eastside &	13132101	2	May 28, 2017	0.19	0.22	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	May 25, 2017	0.50	0.50	0.50	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 25, 2017	1.08	1.08	1.08	100.0%
19070501	575	322	NEILSEN	13120805	9	May 25, 2017	1.48	1.48	1.48	100.0%
19070501	358	321	NEILSEN	13120805	9	May 25, 2017	1.52	1.52	1.52	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 25, 2017	1.30	1.30	1.30	100.0%
19080401	314	73	NEILSEN	13120805	9	May 25, 2017	2.04	2.04	2.04	100.0%
19080401	483	848	LONGHURST	13121505	9	May 25, 2017	2.10	2.10	2.10	100.0%
19080715	364	692	CHILLY	13121105	9	May 25, 2017	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	May 28, 2017	0.33	0.38	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 26, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 26, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 25, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 25, 2017	0.80	0.80	0.80	100.0%
19120227	364	954	CHILLY	13121105	9	May 25, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 26, 2017	1.20	1.20	1.20	100.0%
19120401	483	13	LONGHURST	13121505	9	May 25, 2017	1.71	1.71	1.71	100.0%
19120501	310	632	CHILLY	13121105	9	May 25, 2017	0.80	0.80	0.80	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 25, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 25, 2017	0.03	0.03	0.03	100.0%
19121014	403	813	NEILSEN	13120805	9	May 25, 2017	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 25, 2017	2.40	2.40	2.40	100.0%
19121014	130	75	NEILSEN	13120805	9	May 25, 2017	1.70	1.70	1.70	100.0%
19131206	575	1379	NEILSEN	13120805	9	May 25, 2017	1.72	1.72	1.72	100.0%
19131224	373	25	CHILLY	13121105	9	May 25, 2017	1.60	1.60	1.60	100.0%
19140601	445	413	NEILSEN	13120805	9	May 25, 2017	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	May 25, 2017	0.18	0.18	0.18	100.0%
19150504	373	434	CHILLY	13121105	9	May 25, 2017	0.59	0.59	0.59	100.0%
19150504	310	636	CHILLY	13121105	9	May 25, 2017	0.42	0.42	0.42	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 25, 2017	1.58	1.58	1.58	100.0%
19160501	310	634	CHILLY	13121105	9	May 25, 2017	0.80	0.80	0.80	100.0%
19160501	373	26	CHILLY	13121105	9	May 25, 2017	0.41	0.41	0.41	100.0%
19160501	129	633	CHILLY	13121105	9	May 25, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 26, 2017	1.36	1.36	1.36	100.0%
19170620	307	71	NEILSEN	13120805	9	May 25, 2017	0.80	0.80	0.80	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 26, 2017	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	May 28, 2017	0.01	0.02	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	May 28, 2017	0.79	1.27	0.79	100.0%
19240806	417	695	MOORE	13132050	4	May 28, 2017	0.50	0.57	0.50	100.0%
19440508	427	733	ARCO	13132365	2	May 28, 2017	0.31	0.50	0.31	100.0%

19440508	437	737	ARCO	13132365	2	May 28, 2017	1.02	1.64	1.02	100.0%
19600824	185	390	Upper Eastside &	13132101	2	May 28, 2017	0.11	0.13	0.11	100.0%
19740402	150	220	MUNSEY	13132375	2	May 28, 2017	0.02	0.03	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 28, 2017	4.40	7.10	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 28, 2017	14.76	23.80	14.76	100.0%
19770529	327	176	MUNSEY	13132375	2	May 28, 2017	1.34	2.16	1.34	100.0%
19950203	476	1272	3IN1	13130605	4	May 28, 2017	31.00	35.63	31.00	100.0%
19950203	476	1272	MOORE	13132050	4	May 28, 2017	8.34	9.58	8.34	100.0%
19950411	476	1273	BURNETT	13127750	5	May 27, 2017	18.78	18.86	18.78	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 25, 2017	4.00	4.00	4.00	100.0%
19950411	476	1273	CHILLY	13121105	9	May 25, 2017	10.00	10.00	10.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 26, 2017	10000.00	10000.00	1476.05	14.8%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 25	2360.0	4.8		2364.8	0.00	2364.8	4.8	0.0		2360.0	0.0	
9	Howell to Chilly	May 26	0.0	157.5		-2202.5	0.93	162.3	142.7	14.8		14.8	-14.8	
8	Chilly to Reservoir	* May 27	1671.2	71.2		1742.4	0.00	1904.6	69.0	2.2		1688.2	-17.0	
	Disconnected													
7	Mackay Reservoir	* May 27	1514.0	0.0		1671.2	0.00	1671.2	1257.4			413.8		
6	Reservoir to 2B	May 27	1500.0	14.0		0.0	0.00	1661.7	9.5	4.5		404.3	1095.7	
5	2B to Leslie	May 28	1270.0	197.0		-33.0	0.02	1523.8	129.0	68.1		266.4	1003.6	
4	Leslie to Eastside In	May 29	918.2	180.0		-171.8	0.14	1381.1	106.7	73.3		123.6	794.6	
2a	Eastside In To Weirs	* May 29	775.6	15.0	0.0	-127.6	0.14	1347.6	16.3	-1.3		90.2	685.4	0.0
2b	Weirs To Eastside Out	* May 29	626.9	12.2	0.0	-136.5	0.18	1319.9	11.8	0.4		62.5	564.4	0.0
2c	Eastside Out To Blw Muns	* May 29	519.3	107.6	0.0	0.0	0.00	1257.4	62.5	45.1	0.0	0.0	519.3	0.0
1	Blw Munsey to Arco	May 29	422.0	0.0		-97.3	0.19	1249.3	0.0	0.0		0.0	519.3	
3	River blw Moore Div	May 29	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	1809.7	207.1	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 25	0.0		20090101	12%	1	18800630	3.2	556.5	171.4	
9	Howell to Chilly	May 26	-2202.5		20090101	12%	2	18810630	1.7	294.0	91.0	
8	Chilly to Reservoir	May 27	0.0		20090101	12%	3	18880601	3.2	556.5	171.4	
	Disconnected						4	18960601	6.4	1113.0	342.7	
7	Mackay Reservoir	May 27	0.0		20090101	12%	5	19020301	0.8	140.0	42.8	
6	Reservoir to 2B	May 27	0.0	0.0	20090101	12%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 28	-8.9	-24.1	20090101	12%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 29	-36.0	-135.8	20090101	12%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 29	-17.2	-110.4	0.0	20090101	12%	9	Add Vol	Unlimited	200000.0	81765.2
2b	Weirs To Eastside Out	May 29	-15.9	-120.6	0.0	20090101	12%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 29	0.0	0.0	0.0	20090101	12%		TOTAL		296511.0	126435.6
1	Blw Munsey to Arco	May 29	0.0	-519.3	0.0	20090101	12%					
3	River blw Moore Div	May 29	0.0	0.0		20090101	12%					
	TOTAL		-2280.4	-910.3	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
21800.0	22100.0		300.0	151.2	5.9	335.8	190.0	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	57735.6
Total Storage Loss	-43183.1
Total Storage Deliver	-8575.7
Total Evaporation	-357.9
Accounting Balance	22099.0
Current Res Content	22100.0
Storage Balance Error	-1.0

DAILY STORAGE BALANCE

21800.0 Reservoir Content Previous Day [ac-ft]
22100.0 Reservoir Content Current Day [ac-ft]
300.0 Physical Change in Storage [ac-ft]

2494.1 Storage Allocated to Mackay Reservoir [ac-ft]
-1805.6 Stored Flow Losses [ac-ft]
-24.1 2B to Leslie [cfs]
-135.8 Leslie to Moore [cfs]
-750.4 Eastside [cfs]
0.0 River blw Moore [cfs]
-377.1 Storage Delivered [ac-ft]
4.5 Reservoir to 2B [cfs]
68.1 2B to Leslie [cfs]
73.3 Leslie to Moore [cfs]
44.2 Eastside to blw Munsey [cfs]
-11.8 Evaporation [ac-ft]
299.6 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1671.2 Natural Flow into Mackay Reservoir [cfs]

1257.4 Reservoir Rights Diverted [cfs]
70.5 Natural Flow Losses below Reservoir [cfs]
-8.9 2B to Leslie [cfs]
-36.0 Leslie to Moore [cfs]
-25.6 Eastside as River [cfs]
343.2 Natural Flow Delivered [cfs]
9.5 Reservoir to 2B [cfs]
129.0 2B to Leslie [cfs]
106.7 Leslie to Moore [cfs]
98.0 Eastside to blw Munsey [cfs]
1671.1 Natural Flow Delivered & Lost [cfs]

0.1 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	Flow Out
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	918.2			15.0	-2.4	386.3	389.3	-127.6	13.9%	775.6
Natural Flow	123.6			16.3	-2.6			-17.2		90.2
Stored Flow	794.6			-1.3	0.2			-110.4		685.4
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	386.3	389.3		12.2	-5.0	626.9	-136.5	17.6%	-256.7
Natural Flow				11.8	-4.8	62.5	-15.9		-25.6
Stored Flow				0.4	-0.2	564.4	-120.6		-231.1
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	626.9		519.3	107.6
Natural Flow	62.5		0.0	62.5
Stored Flow	564.4		519.3	45.1
Exchange Flow	0.0		0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	34.6	883.6	14.8	760.8	626.9
Natural Flow	35.5	88.1	14.3	75.9	62.5
Stored Flow	-0.9	795.5	0.5	684.9	564.4
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	14.0	4.5	120.2
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	32.0	13.4	341.2
9 BITTON	0.0	0.0	69.4	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.0	6.0	201.3	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	26.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	168.6	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	107.0	27.8	1279.8
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	1296.2
9 NEILSEN	50.5	4.4	197.3	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	0.0	11.9	5 SUTTER	6.0	2.7	101.3
9 CHILLY	65.0	0.4	218.2	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	16.0	10.8	555.5
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	0.0	269.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	4.8	4 3IN1	24.0	5.0	284.7
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	140.0	57.4	2612.1
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	135.0	2 EASTSIDE FHDiv	34.6	-0.9	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	56.9	564.4	23146.5
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.2	0.0	0.0	2 MUNSEY	50.7	564.4	23146.5
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.3	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	1.3	35.8	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 26, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	May 26, 2017	4.36	4.36	4.36	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 27, 2017	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 27, 2017	0.59	0.59	0.59	100.0%
18800601	370	530	ARCO	13132365	2	May 29, 2017	0.15	0.25	0.15	100.0%
18800601	93	723	ARCO	13132365	2	May 29, 2017	0.04	0.07	0.04	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 27, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 27, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 27, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 27, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 27, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 26, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 27, 2017	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	May 29, 2017	0.79	0.93	0.79	100.0%
18830601	645	464	MOORE	13132050	4	May 29, 2017	0.11	0.13	0.11	100.0%
18830601	106	1082	MOORE	13132050	4	May 29, 2017	1.16	1.37	1.16	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	May 29, 2017	0.21	0.25	0.21	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 29, 2017	0.43	0.51	0.43	100.0%
18830810	96	449	MOORE	13132050	4	May 29, 2017	0.48	0.57	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	May 29, 2017	1.38	1.63	1.38	100.0%
18830810	85	1583	MOORE	13132050	4	May 29, 2017	0.18	0.21	0.18	100.0%
18830810	263	393	MOORE	13132050	4	May 29, 2017	0.18	0.21	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 28, 2017	0.68	0.70	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 29, 2017	1.64	1.94	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	May 29, 2017	0.14	0.17	0.14	100.0%
18840422	201	83	SWAUGER	13127600	5	May 28, 2017	1.12	1.15	1.12	100.0%
18840422	585	951	SWAUGER	13127600	5	May 28, 2017	0.18	0.18	0.18	100.0%
18840422	347	938	SWAUGER	13127600	5	May 28, 2017	0.82	0.84	0.82	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 28, 2017	0.07	0.07	0.07	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 28, 2017	1.63	1.67	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 28, 2017	2.17	2.22	2.17	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 28, 2017	1.44	1.47	1.44	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 28, 2017	0.55	0.56	0.55	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 28, 2017	0.20	0.20	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 28, 2017	0.96	0.98	0.96	100.0%
18840422	360	133	BURNETT	13127750	5	May 28, 2017	2.00	2.04	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	May 28, 2017	0.50	0.51	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	May 28, 2017	1.92	1.96	1.92	100.0%
18840422	390	406	SHARP	13126500	6	May 27, 2017	0.09	0.09	0.09	100.0%
18840422	544	1067	SHARP	13126500	6	May 27, 2017	1.00	1.00	1.00	100.0%
18840422	632	1539	SHARP	13126500	6	May 27, 2017	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	May 27, 2017	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	May 27, 2017	3.18	3.18	3.18	100.0%
18840422	2525	407	SHARP	13126500	6	May 27, 2017	0.08	0.08	0.08	100.0%
18840422	397	10	SHARP	13126500	6	May 27, 2017	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	May 27, 2017	0.08	0.08	0.08	100.0%
18840430	119	1366	BURNETT	13127750	5	May 28, 2017	0.40	0.41	0.40	100.0%
18840430	623	1519	BURNETT	13127750	5	May 28, 2017	0.40	0.41	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	May 28, 2017	1.60	1.64	1.60	100.0%
18840430	73	194	BURNETT	13127750	5	May 28, 2017	0.77	0.79	0.77	100.0%
18840430	73	193	BURNETT	13127750	5	May 28, 2017	1.23	1.26	1.23	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 27, 2017	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 27, 2017	1.80	1.80	1.80	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 29, 2017	1.15	1.36	1.15	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 29, 2017	0.16	0.19	0.16	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 29, 2017	0.16	0.19	0.16	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 29, 2017	0.80	0.95	0.80	100.0%
18840520	433	271	MOORE	13132050	4	May 29, 2017	0.54	0.64	0.54	100.0%
18840520	263	394	MOORE	13132050	4	May 29, 2017	0.22	0.26	0.22	100.0%

18840520	2335	265	MOORE	13132050	4	May 29, 2017	0.66	0.78	0.66	100.0%
18840520	427	1	MOORE	13132050	4	May 29, 2017	0.80	0.95	0.80	100.0%
18840520	2333	657	MOORE	13132050	4	May 29, 2017	0.78	0.92	0.78	100.0%
18840520	219	547	MOORE	13132050	4	May 29, 2017	1.12	1.32	1.12	100.0%
18840520	459	1478	MOORE	13132050	4	May 29, 2017	0.01	0.01	0.01	100.0%
18840520	459	797	MOORE	13132050	4	May 29, 2017	1.20	1.42	1.20	100.0%
18840520	2331	463	MOORE	13132050	4	May 29, 2017	2.24	2.65	2.24	100.0%
18840520	96	451	MOORE	13132050	4	May 29, 2017	0.58	0.69	0.58	100.0%
18840520	645	462	MOORE	13132050	4	May 29, 2017	0.27	0.32	0.27	100.0%
18840520	2331	471	MOORE	13132050	4	May 29, 2017	1.35	1.60	1.35	100.0%
18840520	85	1584	MOORE	13132050	4	May 29, 2017	0.22	0.26	0.22	100.0%
18840520	66	266	MOORE	13132050	4	May 29, 2017	0.02	0.02	0.02	100.0%
18840520	340	816	MOORE	13132050	4	May 29, 2017	0.28	0.33	0.28	100.0%
18840531	338	122	DARLINGTON	13127735	5	May 28, 2017	0.72	0.74	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	May 29, 2017	1.28	1.51	1.28	100.0%
18840601	15	131	MOORE	13132050	4	May 29, 2017	0.37	0.44	0.37	100.0%
18840601	263	395	MOORE	13132050	4	May 29, 2017	0.08	0.09	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	May 29, 2017	0.09	0.11	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	May 29, 2017	0.54	0.64	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	May 29, 2017	0.08	0.09	0.08	100.0%
18840601	96	453	MOORE	13132050	4	May 29, 2017	0.21	0.25	0.21	100.0%
18840601	138	441	BURNETT	13127750	5	May 28, 2017	0.04	0.04	0.04	100.0%
18840601	73	200	BURNETT	13127750	5	May 28, 2017	0.23	0.24	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	May 28, 2017	0.73	0.75	0.73	100.0%
18840601	360	693	BURNETT	13127750	5	May 28, 2017	0.80	0.82	0.80	100.0%
18840601	297	712	BURNETT	13127750	5	May 28, 2017	0.80	0.82	0.80	100.0%
18840601	623	1493	BURNETT	13127750	5	May 28, 2017	0.20	0.20	0.20	100.0%
18840601	623	1505	BURNETT	13127750	5	May 28, 2017	0.40	0.41	0.40	100.0%
18840601	623	1504	BURNETT	13127750	5	May 28, 2017	0.27	0.27	0.27	100.0%
18840601	151	1042	BURNETT	13127750	5	May 28, 2017	0.23	0.24	0.23	100.0%
18840601	73	199	BURNETT	13127750	5	May 28, 2017	0.37	0.38	0.37	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 27, 2017	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 26, 2017	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 26, 2017	0.80	0.80	0.80	100.0%
18840715	15	799	MOORE	13132050	4	May 29, 2017	0.80	0.95	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 29, 2017	0.76	0.90	0.76	100.0%
18840715	417	1194	MOORE	13132050	4	May 29, 2017	1.20	1.42	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	May 29, 2017	0.80	0.95	0.80	100.0%
18840715	115	323	MOORE	13132050	4	May 29, 2017	0.76	0.90	0.76	100.0%
18840715	459	1195	MOORE	13132050	4	May 29, 2017	1.20	1.42	1.20	100.0%
18840731	44	1132	MOORE	13132050	4	May 29, 2017	0.48	0.57	0.48	100.0%
18840731	44	1131	MOORE	13132050	4	May 29, 2017	0.80	0.95	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 29, 2017	0.20	0.24	0.20	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 29, 2017	0.50	0.59	0.50	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 29, 2017	0.29	0.34	0.29	100.0%
18840831	180	276	Upper Eastside &	13132101	2	May 29, 2017	1.31	1.55	1.31	100.0%
18840831	638	772	Upper Eastside &	13132101	2	May 29, 2017	0.40	0.47	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	May 29, 2017	3.20	3.78	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 27, 2017	1.74	1.74	1.74	100.0%
18840914	360	68	BURNETT	13127750	5	May 28, 2017	0.80	0.82	0.80	100.0%
18840914	623	1494	BURNETT	13127750	5	May 28, 2017	0.40	0.41	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	May 28, 2017	0.40	0.41	0.40	100.0%
18841012	205	557	BECK	13130525	4	May 29, 2017	1.76	2.08	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	May 29, 2017	1.25	1.48	1.25	100.0%
18841012	459	342	MOORE	13132050	4	May 29, 2017	0.58	0.69	0.58	100.0%
18841012	70	341	MOORE	13132050	4	May 29, 2017	0.31	0.37	0.31	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 28, 2017	3.30	3.37	3.30	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 28, 2017	0.81	0.83	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 28, 2017	2.77	2.83	2.77	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 28, 2017	0.80	0.82	0.80	100.0%
18841012	524	11	SWAUGER	13127600	5	May 28, 2017	2.78	2.84	2.78	100.0%
18841012	190	418	SWAUGER	13127600	5	May 28, 2017	0.11	0.11	0.11	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 28, 2017	0.22	0.22	0.22	100.0%
18841012	317	385	SWAUGER	13127600	5	May 28, 2017	0.74	0.76	0.74	100.0%

18841012	347	1141	SHARP	13126500	6	May 27, 2017	0.84	0.84	0.84	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 28, 2017	1.10	1.12	1.10	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 28, 2017	2.00	2.04	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 28, 2017	0.61	0.62	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 28, 2017	1.65	1.69	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 28, 2017	0.79	0.81	0.79	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	May 29, 2017	1.62	1.92	1.62	100.0%
18850501	672	1630	Lower Eastside &	13132291	2	May 29, 2017	0.20	0.24	0.20	100.0%
18850501	672	1629	Lower Eastside &	13132291	2	May 29, 2017	1.80	2.13	1.80	100.0%
18850501	423	186	Lower Eastside &	13132291	2	May 29, 2017	0.26	0.31	0.26	100.0%
18850501	426	887	ARCO	13132365	2	May 29, 2017	0.64	1.07	0.64	100.0%
18850501	468	59	ARCO	13132365	2	May 29, 2017	0.74	1.23	0.74	100.0%
18850501	423	87	Lower Eastside &	13132291	2	May 29, 2017	0.20	0.24	0.20	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 26, 2017	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	May 26, 2017	0.50	0.50	0.50	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	May 29, 2017	0.20	0.24	0.20	100.0%
18850512	251	22	Upper Eastside &	13132101	2	May 29, 2017	0.12	0.14	0.12	100.0%
18850515	359	1034	MOORE	13132050	4	May 29, 2017	0.38	0.45	0.38	100.0%
18850530	282	1190	SUTTER	13128105	5	May 28, 2017	0.20	0.20	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	May 29, 2017	2.50	2.96	2.50	100.0%
18850531	63	1354	MOORE	13132050	4	May 29, 2017	1.12	1.32	1.12	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 28, 2017	3.20	3.27	3.20	100.0%
18850601	205	554	BECK	13130525	4	May 29, 2017	0.59	0.70	0.59	100.0%
18850601	15	859	MOORE	13132050	4	May 29, 2017	0.50	0.59	0.50	100.0%
18850601	20	949	DARLINGTON	13127735	5	May 28, 2017	0.40	0.41	0.40	100.0%
18850601	212	315	DARLINGTON	13127735	5	May 28, 2017	0.94	0.96	0.94	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 28, 2017	2.60	2.66	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	May 28, 2017	1.54	1.57	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	May 27, 2017	1.16	1.16	1.16	100.0%
18850601	544	1184	SHARP	13126500	6	May 27, 2017	0.76	0.76	0.76	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 26, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 28, 2017	3.08	3.15	3.08	100.0%
18851002	370	1592	ARCO	13132365	2	May 29, 2017	1.16	1.93	1.16	100.0%
18851002	437	62	ARCO	13132365	2	May 29, 2017	1.54	2.57	1.54	100.0%
18851002	468	61	ARCO	13132365	2	May 29, 2017	3.60	6.00	3.60	100.0%
18851002	93	726	ARCO	13132365	2	May 29, 2017	0.50	0.83	0.50	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 27, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 29, 2017	4.56	5.39	4.56	100.0%
18860501	305	927	3IN1	13130605	4	May 29, 2017	0.86	1.02	0.86	100.0%
18860501	417	1050	MOORE	13132050	4	May 29, 2017	2.80	3.31	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 29, 2017	1.20	1.42	1.20	100.0%
18860512	85	1588	MOORE	13132050	4	May 29, 2017	0.18	0.21	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 29, 2017	0.48	0.57	0.48	100.0%
18860512	263	398	MOORE	13132050	4	May 29, 2017	0.18	0.21	0.18	100.0%
18860601	482	867	Upper Eastside &	13132101	2	May 29, 2017	1.24	1.47	1.24	100.0%
18860601	69	881	Upper Eastside &	13132101	2	May 29, 2017	1.54	1.82	1.54	100.0%
18860601	339	1010	MOORE	13132050	4	May 29, 2017	0.68	0.80	0.68	100.0%
18860601	16	1009	MOORE	13132050	4	May 29, 2017	2.52	2.98	2.52	100.0%
18860601	357	1288	BURNETT	13127750	5	May 28, 2017	1.60	1.64	1.60	100.0%
18860601	622	1517	BURNETT	13127750	5	May 28, 2017	1.60	1.64	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 27, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 27, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 29, 2017	0.92	1.09	0.92	100.0%
18860721	336	294	BURNETT	13127750	5	May 28, 2017	0.80	0.82	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 28, 2017	3.00	3.07	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 29, 2017	0.84	0.99	0.84	100.0%
18860901	256	758	MUNSEY	13132375	2	May 29, 2017	1.98	3.30	1.98	100.0%
18860901	165	1248	BURNETT	13127750	5	May 28, 2017	1.60	1.64	1.60	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 27, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 28, 2017	1.08	1.10	1.08	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	May 29, 2017	0.80	0.95	0.80	100.0%
18870313	433	683	MOORE	13132050	4	May 29, 2017	0.70	0.83	0.70	100.0%
18870313	70	337	MOORE	13132050	4	May 29, 2017	0.23	0.27	0.23	100.0%
18870313	459	338	MOORE	13132050	4	May 29, 2017	0.42	0.50	0.42	100.0%

18870313	360	681	BURNETT	13127750	5	May 28, 2017	0.80	0.82	0.80	100.0%
18870313	73	202	BURNETT	13127750	5	May 28, 2017	0.65	0.66	0.65	100.0%
18870313	73	201	BURNETT	13127750	5	May 28, 2017	1.05	1.07	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 26, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 27, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	May 29, 2017	3.20	5.33	3.20	100.0%
18870601	423	1028	Lower Eastside &	13132291	2	May 29, 2017	1.80	2.13	1.80	100.0%
18870601	423	76	Lower Eastside &	13132291	2	May 29, 2017	0.22	0.26	0.22	100.0%
18870601	468	893	ARCO	13132365	2	May 29, 2017	1.40	2.33	1.40	100.0%
18870601	305	1351	3IN1	13130605	4	May 29, 2017	1.00	1.18	1.00	100.0%
18870601	252	353	DARLINGTON	13127735	5	May 28, 2017	0.43	0.44	0.43	100.0%
18870601	73	195	BURNETT	13127750	5	May 28, 2017	1.11	1.13	1.11	100.0%
18870601	73	196	BURNETT	13127750	5	May 28, 2017	0.69	0.71	0.69	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 27, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 27, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 26, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 26, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	May 29, 2017	0.80	0.95	0.80	100.0%
18870630	165	980	BURNETT	13127750	5	May 28, 2017	0.80	0.82	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 28, 2017	0.80	0.82	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 28, 2017	0.80	0.82	0.80	100.0%
18870701	423	102	Lower Eastside &	13132291	2	May 29, 2017	0.40	0.47	0.40	100.0%
18870801	623	1508	BURNETT	13127750	5	May 28, 2017	0.53	0.54	0.53	100.0%
18870801	119	1166	BURNETT	13127750	5	May 28, 2017	0.27	0.27	0.27	100.0%
18870801	73	190	BURNETT	13127750	5	May 28, 2017	0.38	0.39	0.38	100.0%
18870801	73	189	BURNETT	13127750	5	May 28, 2017	0.62	0.63	0.62	100.0%
18870831	623	1507	BURNETT	13127750	5	May 28, 2017	1.20	1.23	1.20	100.0%
18870831	119	1154	BURNETT	13127750	5	May 28, 2017	1.20	1.23	1.20	100.0%
18880601	437	670	ARCO	13132365	2	May 29, 2017	0.33	0.55	0.33	100.0%
18880601	427	669	ARCO	13132365	2	May 29, 2017	0.81	1.34	0.81	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 28, 2017	0.33	0.33	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 28, 2017	0.98	1.00	0.98	100.0%
18880601	347	1138	SHARP	13126500	6	May 27, 2017	1.27	1.27	1.27	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 27, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 26, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 26, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	May 25, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	May 29, 2017	0.16	0.19	0.16	100.0%
18890601	441	205	MOORE	13132050	4	May 29, 2017	0.97	1.15	0.97	100.0%
18890601	463	1396	MOORE	13132050	4	May 29, 2017	0.20	0.24	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	May 29, 2017	0.35	0.41	0.35	100.0%
18890601	652	1566	MOORE	13132050	4	May 29, 2017	0.50	0.59	0.50	100.0%
18890601	623	1503	BURNETT	13127750	5	May 28, 2017	0.80	0.82	0.80	100.0%
18890601	119	996	BURNETT	13127750	5	May 28, 2017	0.40	0.41	0.40	100.0%
18890601	475	969	BURNETT	13127750	5	May 28, 2017	1.20	1.23	1.20	100.0%
18890601	589	716	BURNETT	13127750	5	May 28, 2017	2.70	2.76	2.70	100.0%
18890601	336	979	BURNETT	13127750	5	May 28, 2017	0.52	0.53	0.52	100.0%
18900601	372	886	ARCO	13132365	2	May 29, 2017	0.59	0.98	0.59	100.0%
18900601	416	591	3IN1	13130605	4	May 29, 2017	0.75	0.89	0.75	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 27, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 27, 2017	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 26, 2017	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 26, 2017	0.24	0.24	0.24	100.0%
18910630	205	555	BECK	13130525	4	May 29, 2017	0.25	0.30	0.25	100.0%
18910801	307	77	CHILLY	13121105	9	May 26, 2017	5.20	5.20	5.20	100.0%
18920501	468	60	ARCO	13132365	2	May 29, 2017	1.04	1.73	1.04	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 27, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 27, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 29, 2017	0.22	0.26	0.22	100.0%
18930323	77	688	MOORE	13132050	4	May 29, 2017	1.50	1.77	1.50	100.0%
18930323	77	366	MOORE	13132050	4	May 29, 2017	1.60	1.89	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 27, 2017	0.74	0.74	0.74	100.0%
18940310	357	15	BURNETT	13127750	5	May 28, 2017	1.14	1.17	1.14	100.0%
18940310	265	1223	BURNETT	13127750	5	May 28, 2017	2.80	2.86	2.80	100.0%

18940310	475	989	BURNETT	13127750	5	May 28, 2017	0.44	0.45	0.44	100.0%
18940310	386	268	SUTTER	13128105	5	May 28, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 26, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 27, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 29, 2017	0.80	0.95	0.80	100.0%
18940531	77	800	MOORE	13132050	4	May 29, 2017	0.74	0.87	0.74	100.0%
18940531	5	776	MOORE	13132050	4	May 29, 2017	0.20	0.24	0.20	100.0%
18940601	482	1301	Upper Eastside &	13132101	2	May 29, 2017	0.50	0.59	0.50	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 29, 2017	3.20	3.78	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 29, 2017	0.15	0.18	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 28, 2017	0.11	0.11	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	May 28, 2017	1.60	1.64	1.60	100.0%
18940601	390	408	SHARP	13126500	6	May 27, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 26, 2017	1.20	1.20	1.20	100.0%
18940926	381	866	DARLINGTON	13127735	5	May 28, 2017	0.38	0.39	0.38	100.0%
18940926	252	357	DARLINGTON	13127735	5	May 28, 2017	0.30	0.31	0.30	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 28, 2017	1.10	1.12	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 26, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	May 29, 2017	0.80	0.95	0.80	100.0%
18950601	417	378	MOORE	13132050	4	May 29, 2017	0.10	0.12	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 28, 2017	1.88	1.92	1.88	100.0%
18950601	445	411	NEILSEN	13120805	9	May 26, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 26, 2017	0.18	0.18	0.18	100.0%
18950610	416	592	3IN1	13130605	4	May 29, 2017	2.25	2.66	2.25	100.0%
18950630	265	1224	BURNETT	13127750	5	May 28, 2017	2.62	2.68	2.62	100.0%
18960302	309	873	MOORE	13132050	4	May 29, 2017	0.25	0.30	0.25	100.0%
18960302	402	872	MOORE	13132050	4	May 29, 2017	0.25	0.30	0.25	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 27, 2017	3.20	3.20	3.20	100.0%
18960601	180	278	Upper Eastside &	13132101	2	May 29, 2017	0.41	0.48	0.41	100.0%
18960601	45	998	Lower Eastside &	13132291	2	May 29, 2017	0.18	0.21	0.18	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 29, 2017	0.70	0.83	0.70	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	May 29, 2017	0.04	0.04	0.04	100.0%
18960601	263	399	MOORE	13132050	4	May 29, 2017	0.27	0.32	0.27	100.0%
18960601	15	1106	MOORE	13132050	4	May 29, 2017	1.17	1.38	1.17	100.0%
18960601	96	457	MOORE	13132050	4	May 29, 2017	0.92	1.09	0.92	100.0%
18960601	417	992	MOORE	13132050	4	May 29, 2017	1.20	1.42	1.20	100.0%
18960601	652	1567	MOORE	13132050	4	May 29, 2017	0.34	0.40	0.34	100.0%
18960601	417	381	MOORE	13132050	4	May 29, 2017	2.40	2.84	2.40	100.0%
18960601	13	1119	MOORE	13132050	4	May 29, 2017	0.40	0.47	0.40	100.0%
18960601	441	207	MOORE	13132050	4	May 29, 2017	1.00	1.18	1.00	100.0%
18960601	96	461	MOORE	13132050	4	May 29, 2017	0.11	0.13	0.11	100.0%
18960601	309	877	MOORE	13132050	4	May 29, 2017	0.08	0.10	0.08	100.0%
18960601	459	993	MOORE	13132050	4	May 29, 2017	0.40	0.47	0.40	100.0%
18960601	263	397	MOORE	13132050	4	May 29, 2017	0.35	0.41	0.35	100.0%
18960601	85	1521	MOORE	13132050	4	May 29, 2017	0.23	0.27	0.23	100.0%
18960601	463	128	MOORE	13132050	4	May 29, 2017	1.60	1.89	1.60	100.0%
18960601	2334	1495	MOORE	13132050	4	May 29, 2017	2.40	2.84	2.40	100.0%
18960601	85	1522	MOORE	13132050	4	May 29, 2017	0.14	0.17	0.14	100.0%
18960601	402	876	MOORE	13132050	4	May 29, 2017	0.08	0.10	0.08	100.0%
18960601	339	1118	MOORE	13132050	4	May 29, 2017	1.57	1.86	1.57	100.0%
18960601	381	1180	DARLINGTON	13127735	5	May 28, 2017	1.15	1.18	1.15	100.0%
18960601	252	359	DARLINGTON	13127735	5	May 28, 2017	0.79	0.81	0.79	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 27, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 29, 2017	2.00	3.33	2.00	100.0%
18960801	280	1186	SHARP	13126500	6	May 27, 2017	0.10	0.10	0.10	100.0%
18960901	437	671	ARCO	13132365	2	May 29, 2017	0.13	0.22	0.13	100.0%
18960901	427	672	ARCO	13132365	2	May 29, 2017	0.32	0.53	0.32	100.0%
18960928	392	840	MUNSEY	13132375	2	May 29, 2017	4.40	7.33	4.40	100.0%
18960928	150	215	MUNSEY	13132375	2	May 29, 2017	1.97	3.28	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	May 29, 2017	0.03	0.05	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	May 29, 2017	0.51	0.85	0.51	100.0%
18970510	427	6	ARCO	13132365	2	May 29, 2017	4.29	7.14	4.29	100.0%
18970510	437	664	ARCO	13132365	2	May 29, 2017	1.74	2.90	1.74	100.0%
18970510	411	674	DARLINGTON	13127735	5	May 28, 2017	1.73	1.77	1.73	100.0%

18970510	47	92	DARLINGTON	13127735	5	May 28, 2017	3.72	3.80	0.26	7.0%
18970510	73	192	BURNETT	13127750	5	May 28, 2017	0.58	0.59	0.58	100.0%
18970510	73	191	BURNETT	13127750	5	May 28, 2017	0.92	0.94	0.92	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 29, 2017	1.34	1.59	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 26, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 28, 2017	3.20	3.27	3.20	100.0%
18970615	180	280	Upper Eastside &	13132101	2	May 29, 2017	0.13	0.15	0.13	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 29, 2017	0.24	0.28	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 27, 2017	2.40	2.40	2.40	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	May 29, 2017	0.65	0.77	0.65	100.0%
18980601	437	1310	ARCO	13132365	2	May 29, 2017	1.60	2.67	1.60	100.0%
18980601	483	1274	CHILLY	13121105	9	May 26, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 26, 2017	2.01	2.01	2.01	100.0%
18980901	268	562	ARCO	13132365	2	May 29, 2017	1.57	2.62	1.57	100.0%
18980901	122	821	ARCO	13132365	2	May 29, 2017	0.10	0.17	0.10	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 27, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 27, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	May 29, 2017	0.98	1.16	0.98	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 29, 2017	0.84	0.99	0.84	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 29, 2017	0.15	0.17	0.15	100.0%
18990327	180	468	Upper Eastside &	13132101	2	May 29, 2017	0.05	0.06	0.05	100.0%
18990327	459	1090	MOORE	13132050	4	May 29, 2017	0.60	0.71	0.60	100.0%
18990327	433	272	MOORE	13132050	4	May 29, 2017	0.48	0.57	0.48	100.0%
18990327	459	1477	MOORE	13132050	4	May 29, 2017	0.01	0.01	0.01	100.0%
18990501	427	934	ARCO	13132365	2	May 29, 2017	0.26	0.43	0.26	100.0%
18990518	73	204	BURNETT	13127750	5	May 28, 2017	0.15	0.15	0.15	100.0%
18990518	138	443	BURNETT	13127750	5	May 28, 2017	0.02	0.02	0.02	100.0%
18990518	151	1044	BURNETT	13127750	5	May 28, 2017	0.15	0.15	0.15	100.0%
18990518	73	203	BURNETT	13127750	5	May 28, 2017	0.25	0.26	0.25	100.0%
18990601	201	705	SWAUGER	13127600	5	May 28, 2017	0.28	0.29	0.28	100.0%
18990601	165	982	BURNETT	13127750	5	May 28, 2017	0.80	0.82	0.80	100.0%
18990601	360	704	BURNETT	13127750	5	May 28, 2017	1.20	1.23	1.20	100.0%
18990601	490	981	BURNETT	13127750	5	May 28, 2017	0.80	0.82	0.80	100.0%
18990601	307	72	NEILSEN	13120805	9	May 26, 2017	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 26, 2017	0.60	0.60	0.60	100.0%
19000323	77	44	MOORE	13132050	4	May 29, 2017	3.00	3.55	3.00	100.0%
19000601	386	270	SUTTER	13128105	5	May 28, 2017	0.08	0.08	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 26, 2017	6.40	6.40	6.40	100.0%
19010722	427	926	ARCO	13132365	2	May 29, 2017	1.60	2.67	1.60	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 27, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 27, 2017	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	May 29, 2017	0.10	0.12	0.10	100.0%
19010901	433	685	MOORE	13132050	4	May 29, 2017	0.50	0.59	0.50	100.0%
19010901	459	340	MOORE	13132050	4	May 29, 2017	0.23	0.27	0.23	100.0%
19010901	151	1039	BURNETT	13127750	5	May 28, 2017	0.02	0.02	0.02	100.0%
19010901	138	439	BURNETT	13127750	5	May 28, 2017	0.02	0.02	0.02	100.0%
19010901	73	197	BURNETT	13127750	5	May 28, 2017	0.14	0.14	0.14	100.0%
19011001	263	396	MOORE	13132050	4	May 29, 2017	0.14	0.17	0.14	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 26, 2017	2.60	2.60	2.60	100.0%
19020115	392	765	MUNSEY	13132375	2	May 29, 2017	1.60	2.67	1.60	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	May 29, 2017	0.20	0.24	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	May 29, 2017	0.31	0.36	0.31	100.0%
19020301	15	81	MOORE	13132050	4	May 29, 2017	0.22	0.26	0.22	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 27, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 26, 2017	0.90	0.90	0.90	100.0%
19020301	307	834	CHILLY	13121105	9	May 26, 2017	2.40	2.40	2.40	100.0%
19020301	483	1500	CHILLY	13121105	9	May 26, 2017	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 26, 2017	3.40	3.40	3.40	100.0%
19020301	310	836	CHILLY	13121105	9	May 26, 2017	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	May 26, 2017	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 26, 2017	3.20	3.20	3.20	100.0%
19020301	307	676	CHILLY	13121105	9	May 26, 2017	3.85	3.85	3.85	100.0%
19020304	129	1062	CHILLY	13121105	9	May 26, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 26, 2017	0.80	0.80	0.80	100.0%

19020415	483	376	LONGHURST	13121505	9	May 26, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 29, 2017	1.38	1.63	1.38	100.0%
19020501	310	631	CHILLY	13121105	9	May 26, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 25, 2017	0.62	0.62	0.62	100.0%
19020601	16	1014	MOORE	13132050	4	May 29, 2017	0.92	1.09	0.92	100.0%
19020601	339	1015	MOORE	13132050	4	May 29, 2017	0.66	0.78	0.66	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 27, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 26, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 26, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 27, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 27, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 29, 2017	1.46	1.73	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	May 28, 2017	0.08	0.08	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 28, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	May 26, 2017	1.40	1.40	1.40	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 27, 2017	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 27, 2017	0.02	0.02	0.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 27, 2017	0.13	0.13	0.13	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 26, 2017	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 26, 2017	0.62	0.62	0.62	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 26, 2017	3.00	3.00	3.00	100.0%
19050501	130	74	NEILSEN	13120805	9	May 26, 2017	1.30	1.30	1.30	100.0%
19050501	255	402	NEILSEN	13120805	9	May 26, 2017	0.50	0.50	0.50	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 26, 2017	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 26, 2017	0.65	0.65	0.65	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 26, 2017	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	May 26, 2017	0.30	0.30	0.30	100.0%
19050501	310	115	CHILLY	13121105	9	May 26, 2017	1.90	1.90	1.90	100.0%
19050501	373	432	CHILLY	13121105	9	May 26, 2017	0.58	0.58	0.58	100.0%
19050501	129	1063	CHILLY	13121105	9	May 26, 2017	0.80	0.80	0.80	100.0%
19050501	364	690	CHILLY	13121105	9	May 26, 2017	1.10	1.10	1.10	100.0%
19050501	364	629	CHILLY	13121105	9	May 26, 2017	0.40	0.40	0.40	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 26, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 25, 2017	2.58	2.58	2.58	100.0%
19060501	185	392	Upper Eastside &	13132101	2	May 29, 2017	0.19	0.22	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	May 26, 2017	0.50	0.50	0.50	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 26, 2017	1.08	1.08	1.08	100.0%
19070501	575	322	NEILSEN	13120805	9	May 26, 2017	1.48	1.48	1.48	100.0%
19070501	358	321	NEILSEN	13120805	9	May 26, 2017	1.52	1.52	1.52	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 26, 2017	1.30	1.30	1.30	100.0%
19080401	314	73	NEILSEN	13120805	9	May 26, 2017	2.04	2.04	2.04	100.0%
19080401	483	848	LONGHURST	13121505	9	May 26, 2017	2.10	2.10	2.10	100.0%
19080715	364	692	CHILLY	13121105	9	May 26, 2017	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	May 29, 2017	0.33	0.39	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 27, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 27, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 26, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 26, 2017	0.80	0.80	0.80	100.0%
19120227	364	954	CHILLY	13121105	9	May 26, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 27, 2017	1.20	1.20	1.20	100.0%
19120401	483	13	LONGHURST	13121505	9	May 26, 2017	1.71	1.71	1.71	100.0%
19120501	310	632	CHILLY	13121105	9	May 26, 2017	0.80	0.80	0.80	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 26, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 26, 2017	0.03	0.03	0.03	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 26, 2017	2.40	2.40	2.40	100.0%
19121014	403	813	NEILSEN	13120805	9	May 26, 2017	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	May 26, 2017	1.70	1.70	1.70	100.0%
19131206	575	1379	NEILSEN	13120805	9	May 26, 2017	1.72	1.72	1.72	100.0%
19131224	373	25	CHILLY	13121105	9	May 26, 2017	1.60	1.60	1.60	100.0%
19140601	445	412	NEILSEN	13120805	9	May 26, 2017	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	May 26, 2017	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	May 26, 2017	0.59	0.59	0.59	100.0%
19150504	310	636	CHILLY	13121105	9	May 26, 2017	0.42	0.42	0.42	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 26, 2017	1.58	1.58	1.58	100.0%

19160501	310	634	CHILLY	13121105	9	May 26, 2017	0.80	0.80	0.80	100.0%
19160501	373	26	CHILLY	13121105	9	May 26, 2017	0.41	0.41	0.41	100.0%
19160501	129	633	CHILLY	13121105	9	May 26, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 27, 2017	1.36	1.36	1.36	100.0%
19170620	307	71	NEILSEN	13120805	9	May 26, 2017	0.80	0.80	0.80	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 27, 2017	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	May 29, 2017	0.01	0.02	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	May 29, 2017	0.79	1.32	0.79	100.0%
19240806	417	695	MOORE	13132050	4	May 29, 2017	0.50	0.59	0.50	100.0%
19440508	437	737	ARCO	13132365	2	May 29, 2017	1.04	1.73	1.04	100.0%
19440508	427	733	ARCO	13132365	2	May 29, 2017	0.33	0.55	0.33	100.0%
19600824	185	390	Upper Eastside &	13132101	2	May 29, 2017	0.11	0.13	0.11	100.0%
19740402	150	220	MUNSEY	13132375	2	May 29, 2017	0.02	0.03	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 29, 2017	4.40	7.33	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 29, 2017	14.74	24.57	14.74	100.0%
19770529	327	176	MUNSEY	13132375	2	May 29, 2017	1.34	2.23	1.34	100.0%
19950203	476	1272	3IN1	13130605	4	May 29, 2017	14.10	16.67	14.10	100.0%
19950203	476	1272	MOORE	13132050	4	May 29, 2017	8.34	9.86	8.34	100.0%
19950411	476	1273	BURNETT	13127750	5	May 28, 2017	21.34	21.82	21.34	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 26, 2017	4.00	4.00	4.00	100.0%
19950411	476	1273	CHILLY	13121105	9	May 26, 2017	10.00	10.00	10.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 27, 2017	10000.00	10000.00	1242.14	12.4%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 26	2010.0	4.8		2014.8	0.00	2014.8	4.8	0.0		2010.0	0.0	
9	Howell to Chilly	May 27	0.0	157.5		-1852.5	0.92	162.3	142.7	14.8		14.8	-14.8	
8	Chilly to Reservoir	* May 28	1389.8	71.2		1461.0	0.00	1623.3	69.0	2.2		1406.8	-17.0	
	Disconnected													
7	Mackay Reservoir	* May 28	1504.0	0.0		1389.8	0.00	1389.8	969.1			420.7		
6	Reservoir to 2B	May 28	1490.0	14.0		0.0	0.00	1380.3	9.5	4.5		411.2	1078.8	
5	2B to Leslie	May 29	1220.0	202.0		-68.0	0.05	1233.3	128.2	73.8		264.2	955.8	
4	Leslie to Eastside In	May 30	876.0	177.0		-167.0	0.14	1093.2	104.0	73.0		124.1	751.9	
2a	Eastside In To Weirs	* May 30	731.8	15.2	0.0	-129.0	0.15	1058.7	16.2	-1.0		89.6	642.2	0.0
2b	Weirs To Eastside Out	* May 30	587.7	12.4	0.0	-131.7	0.18	1030.0	12.6	-0.2		60.8	526.9	0.0
2c	Eastside Out To Blw Muns	* May 30	483.9	103.8	0.0	0.0	0.00	969.1	60.8	43.0	0.0	0.0	483.9	0.0
1	Blw Munsey to Arco	May 30	389.0	0.0		-94.9	0.20	960.5	0.0	0.0		0.0	483.9	
3	River blw Moore Div	May 30	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
							TOTAL		1517.0	210.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 26	0.0		20090101	10%	1	18800630	3.2	556.5	177.7	
9	Howell to Chilly	May 27	-1852.5		20090101	10%	2	18810630	1.7	294.0	94.4	
8	Chilly to Reservoir	May 28	0.0		20090101	10%	3	18880601	3.2	556.5	177.7	
	Disconnected						4	18960601	6.4	1113.0	355.4	
7	Mackay Reservoir	May 28	0.0		20090101	10%	5	19020301	0.8	140.0	44.4	
6	Reservoir to 2B	May 28	0.0	0.0	20090101	10%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 29	-18.8	-49.2	20090101	10%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 30	-36.2	-130.8	20090101	10%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 30	-18.3	-110.7	0.0	20090101	10%	9	Add Vol	Unlimited	200000.0	83657.2
2b	Weirs To Eastside Out	May 30	-16.1	-115.6	0.0	20090101	10%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 30	0.0	0.0	0.0	20090101	10%	TOTAL		296511.0	128357.9	
1	Blw Munsey to Arco	May 30	0.0	-483.9	0.0	20090101	10%					
3	River blw Moore Div	May 30	0.0	0.0	20090101	10%						
	TOTAL		-1941.9	-890.5	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
22100.0	21860.0		-240.0	-121.0	6.8	331.4	192.7	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	59657.9
Total Storage Loss	-44949.4
Total Storage Deliver	-8957.9
Total Evaporation	-371.5
Accounting Balance	21859.2
Current Res Content	21860.0
Storage Balance Error	-0.8

DAILY STORAGE BALANCE

22100.0 Reservoir Content Previous Day [ac-ft]
21860.0 Reservoir Content Current Day [ac-ft]
-240.0 Physical Change in Storage [ac-ft]

1922.3 Storage Allocated to Mackay Reservoir [ac-ft]
-1766.3 Stored Flow Losses [ac-ft]
-49.2 2B to Leslie [cfs]
-130.8 Leslie to Moore [cfs]
-710.5 Eastside [cfs]
0.0 River blw Moore [cfs]
-382.2 Storage Delivered [ac-ft]
4.5 Reservoir to 2B [cfs]
73.8 2B to Leslie [cfs]
73.0 Leslie to Moore [cfs]
41.4 Eastside to blw Munsey [cfs]
-13.6 Evaporation [ac-ft]
-239.8 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1389.8 Natural Flow into Mackay Reservoir [cfs]

969.1 Reservoir Rights Diverted [cfs]
81.2 Natural Flow Losses below Reservoir [cfs]
-18.8 2B to Leslie [cfs]
-36.2 Leslie to Moore [cfs]
-26.2 Eastside as River [cfs]
339.6 Natural Flow Delivered [cfs]
9.5 Reservoir to 2B [cfs]
128.2 2B to Leslie [cfs]
104.0 Leslie to Moore [cfs]
97.9 Eastside to blw Munsey [cfs]
1389.9 Natural Flow Delivered & Lost [cfs]

-0.1 Balance [CFS]

Upper Eastside And Island Details										
	Inflow			Outflow				Calculations		
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	Flow Out
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	876.0			15.2	-2.6	365.9	365.9	-129.0	14.7%	731.8
Natural Flow	124.1			16.2	-2.8			-18.3		89.6
Stored Flow	751.9			-1.0	0.2			-110.7		642.2
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details										
	Inflow			Outflow			Calculations			
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss	
Gage #	13132159	13132292		13132291		13132350				
Actual Flow	365.9	365.9		12.4	-5.3	587.7	-131.7	18.0%	-252.7	
Natural Flow				12.6	-5.4	60.8	-16.1		-26.2	
Stored Flow				-0.2	0.1	526.9	-115.6		-226.6	
Exchange Flow			0.0			0.0	0.0			

End of Reach Details				
	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	587.7	103.8	483.9	
Natural Flow	60.8	60.8	0.0	
Stored Flow	526.9	43.0	483.9	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations					
	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060		13132350	
Actual Flow	35.6	840.4	15.1	716.7	587.7
Natural Flow	37.1	87.0	15.4	74.2	60.8
Stored Flow	-1.5	753.5	-0.3	642.5	526.9
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	14.0	4.5	129.2
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	32.0	13.4	367.7
9 BITTON	0.0	0.0	69.4	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.0	6.0	213.2	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	31.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	176.5	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	107.0	33.6	1346.4
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	1344.3
9 NEILSEN	50.5	4.4	206.0	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	0.0	11.9	5 SUTTER	6.0	2.6	106.5
9 CHILLY	65.0	0.4	219.0	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	13.0	7.2	569.8
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	0.0	269.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	4.8	4 3IN1	24.0	5.0	294.7
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	140.0	60.8	2732.6
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	136.8	2 EASTSIDE FHDiv	35.6	-1.5	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	56.6	526.9	24191.5
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.2	0.0	0.0	2 MUNSEY	47.2	526.9	24191.5
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.3	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	1.3	38.3	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 27, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	May 27, 2017	4.36	4.36	4.36	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 28, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 28, 2017	0.01	0.01	0.01	100.0%
18800601	370	530	ARCO	13132365	2	May 30, 2017	0.15	0.26	0.15	100.0%
18800601	93	723	ARCO	13132365	2	May 30, 2017	0.04	0.07	0.04	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 28, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 28, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 28, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 28, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 28, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 27, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 28, 2017	3.00	3.00	3.00	100.0%
18830601	224	854	MOORE	13132050	4	May 30, 2017	2.72	3.30	2.72	100.0%
18830601	645	464	MOORE	13132050	4	May 30, 2017	0.11	0.13	0.11	100.0%
18830601	2331	465	MOORE	13132050	4	May 30, 2017	0.79	0.96	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	May 30, 2017	1.14	1.38	1.14	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 30, 2017	0.43	0.52	0.43	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	May 30, 2017	0.21	0.26	0.21	100.0%
18830810	85	1583	MOORE	13132050	4	May 30, 2017	0.18	0.22	0.18	100.0%
18830810	96	449	MOORE	13132050	4	May 30, 2017	0.48	0.58	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	May 30, 2017	1.36	1.65	1.36	100.0%
18830810	263	393	MOORE	13132050	4	May 30, 2017	0.18	0.22	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 29, 2017	0.68	0.71	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 30, 2017	1.64	1.99	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	May 30, 2017	0.14	0.17	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	May 29, 2017	0.82	0.86	0.82	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 29, 2017	0.07	0.07	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	May 29, 2017	0.18	0.19	0.18	100.0%
18840422	201	83	SWAUGER	13127600	5	May 29, 2017	1.12	1.17	1.12	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 29, 2017	2.17	2.27	2.17	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 29, 2017	1.63	1.71	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 29, 2017	0.55	0.58	0.55	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 29, 2017	1.44	1.51	1.44	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 29, 2017	0.20	0.21	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 29, 2017	0.96	1.01	0.96	100.0%
18840422	336	1390	BURNETT	13127750	5	May 29, 2017	0.50	0.52	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	May 29, 2017	1.92	2.01	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	May 29, 2017	2.00	2.10	2.00	100.0%
18840422	347	938	SHARP	13126500	6	May 28, 2017	3.18	3.18	3.18	100.0%
18840422	24	120	SHARP	13126500	6	May 28, 2017	0.08	0.08	0.08	100.0%
18840422	2525	407	SHARP	13126500	6	May 28, 2017	0.08	0.08	0.08	100.0%
18840422	544	1067	SHARP	13126500	6	May 28, 2017	1.00	1.00	1.00	100.0%
18840422	632	1539	SHARP	13126500	6	May 28, 2017	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	May 28, 2017	0.64	0.64	0.64	100.0%
18840422	390	406	SHARP	13126500	6	May 28, 2017	0.09	0.09	0.09	100.0%
18840422	397	10	SHARP	13126500	6	May 28, 2017	0.12	0.12	0.12	100.0%
18840430	73	194	BURNETT	13127750	5	May 29, 2017	0.77	0.81	0.77	100.0%
18840430	73	193	BURNETT	13127750	5	May 29, 2017	1.23	1.29	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	May 29, 2017	0.40	0.42	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	May 29, 2017	1.60	1.68	1.60	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 28, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 28, 2017	0.22	0.22	0.22	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 30, 2017	0.16	0.19	0.16	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 30, 2017	0.16	0.19	0.16	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 30, 2017	1.15	1.40	1.15	100.0%
18840520	251	796	Upper Eastside &	13132101	2	May 30, 2017	0.80	0.97	0.80	100.0%
18840520	2333	657	MOORE	13132050	4	May 30, 2017	0.76	0.92	0.76	100.0%
18840520	459	797	MOORE	13132050	4	May 30, 2017	1.20	1.46	1.20	100.0%

18840520	433	271	MOORE	13132050	4	May 30, 2017	0.54	0.66	0.54	100.0%
18840520	85	1584	MOORE	13132050	4	May 30, 2017	0.22	0.27	0.22	100.0%
18840520	459	1478	MOORE	13132050	4	May 30, 2017	0.01	0.01	0.01	100.0%
18840520	427	1	MOORE	13132050	4	May 30, 2017	0.78	0.95	0.78	100.0%
18840520	219	547	MOORE	13132050	4	May 30, 2017	1.08	1.31	1.08	100.0%
18840520	340	816	MOORE	13132050	4	May 30, 2017	0.28	0.34	0.28	100.0%
18840520	263	394	MOORE	13132050	4	May 30, 2017	0.22	0.27	0.22	100.0%
18840520	2331	471	MOORE	13132050	4	May 30, 2017	1.27	1.54	1.27	100.0%
18840520	2331	463	MOORE	13132050	4	May 30, 2017	2.24	2.72	2.24	100.0%
18840520	645	462	MOORE	13132050	4	May 30, 2017	0.27	0.33	0.27	100.0%
18840520	2335	265	MOORE	13132050	4	May 30, 2017	0.66	0.80	0.66	100.0%
18840520	96	451	MOORE	13132050	4	May 30, 2017	0.58	0.70	0.58	100.0%
18840520	66	266	MOORE	13132050	4	May 30, 2017	0.02	0.02	0.02	100.0%
18840531	338	122	DARLINGTON	13127735	5	May 29, 2017	0.72	0.75	0.72	100.0%
18840601	96	453	MOORE	13132050	4	May 30, 2017	0.21	0.25	0.21	100.0%
18840601	85	1585	MOORE	13132050	4	May 30, 2017	0.08	0.10	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	May 30, 2017	0.54	0.66	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	May 30, 2017	0.09	0.11	0.09	100.0%
18840601	263	395	MOORE	13132050	4	May 30, 2017	0.08	0.10	0.08	100.0%
18840601	15	131	MOORE	13132050	4	May 30, 2017	0.37	0.45	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	May 30, 2017	1.28	1.55	1.28	100.0%
18840601	119	56	BURNETT	13127750	5	May 29, 2017	0.73	0.77	0.73	100.0%
18840601	360	693	BURNETT	13127750	5	May 29, 2017	0.80	0.84	0.80	100.0%
18840601	138	441	BURNETT	13127750	5	May 29, 2017	0.04	0.04	0.04	100.0%
18840601	151	1042	BURNETT	13127750	5	May 29, 2017	0.23	0.24	0.23	100.0%
18840601	73	199	BURNETT	13127750	5	May 29, 2017	0.37	0.39	0.37	100.0%
18840601	73	200	BURNETT	13127750	5	May 29, 2017	0.23	0.24	0.23	100.0%
18840601	297	712	BURNETT	13127750	5	May 29, 2017	0.80	0.84	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 28, 2017	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 27, 2017	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 27, 2017	0.80	0.80	0.80	100.0%
18840715	133	324	MOORE	13132050	4	May 30, 2017	0.74	0.90	0.74	100.0%
18840715	115	323	MOORE	13132050	4	May 30, 2017	0.74	0.90	0.74	100.0%
18840715	44	1005	MOORE	13132050	4	May 30, 2017	0.80	0.97	0.80	100.0%
18840715	15	799	MOORE	13132050	4	May 30, 2017	0.80	0.97	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	May 30, 2017	1.20	1.46	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	May 30, 2017	1.20	1.46	1.20	100.0%
18840731	44	1131	MOORE	13132050	4	May 30, 2017	0.80	0.97	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	May 30, 2017	0.44	0.53	0.44	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 30, 2017	0.20	0.24	0.20	100.0%
18840831	638	772	Upper Eastside &	13132101	2	May 30, 2017	0.40	0.49	0.40	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 30, 2017	0.50	0.61	0.50	100.0%
18840831	180	276	Upper Eastside &	13132101	2	May 30, 2017	1.31	1.59	1.31	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 30, 2017	0.29	0.35	0.29	100.0%
18840901	441	1107	MOORE	13132050	4	May 30, 2017	3.20	3.88	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 28, 2017	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	May 29, 2017	0.40	0.42	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	May 29, 2017	0.80	0.84	0.80	100.0%
18841012	205	557	BECK	13130525	4	May 30, 2017	1.76	2.14	1.76	100.0%
18841012	459	342	MOORE	13132050	4	May 30, 2017	0.58	0.70	0.58	100.0%
18841012	70	341	MOORE	13132050	4	May 30, 2017	0.31	0.38	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	May 30, 2017	1.25	1.52	1.25	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 29, 2017	2.77	2.90	2.77	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 29, 2017	0.80	0.84	0.80	100.0%
18841012	524	11	SWAUGER	13127600	5	May 29, 2017	2.78	2.91	2.78	100.0%
18841012	317	385	SWAUGER	13127600	5	May 29, 2017	0.74	0.78	0.74	100.0%
18841012	190	418	SWAUGER	13127600	5	May 29, 2017	0.11	0.12	0.11	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 29, 2017	0.81	0.85	0.81	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 29, 2017	3.30	3.46	3.30	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 29, 2017	0.22	0.23	0.22	100.0%
18841012	347	1141	SHARP	13126500	6	May 28, 2017	0.84	0.84	0.84	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 29, 2017	1.10	1.15	1.10	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 29, 2017	0.61	0.64	0.61	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 29, 2017	2.00	2.10	2.00	100.0%

18850218	381	806	DARLINGTON	13127735	5	May 29, 2017	0.79	0.83	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 29, 2017	1.65	1.73	1.65	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	May 30, 2017	1.64	1.99	1.64	100.0%
18850501	672	1630	Lower Eastside &	13132291	2	May 30, 2017	0.20	0.24	0.20	100.0%
18850501	672	1629	Lower Eastside &	13132291	2	May 30, 2017	1.80	2.19	1.80	100.0%
18850501	468	59	ARCO	13132365	2	May 30, 2017	0.74	1.28	0.74	100.0%
18850501	423	87	Lower Eastside &	13132291	2	May 30, 2017	0.20	0.24	0.20	100.0%
18850501	423	186	Lower Eastside &	13132291	2	May 30, 2017	0.26	0.32	0.26	100.0%
18850501	426	887	ARCO	13132365	2	May 30, 2017	0.64	1.11	0.64	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 27, 2017	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	May 27, 2017	0.50	0.50	0.50	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	May 30, 2017	0.20	0.24	0.20	100.0%
18850512	251	22	Upper Eastside &	13132101	2	May 30, 2017	0.14	0.17	0.14	100.0%
18850515	359	1034	MOORE	13132050	4	May 30, 2017	0.36	0.44	0.36	100.0%
18850530	282	1190	SUTTER	13128105	5	May 29, 2017	0.20	0.21	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	May 30, 2017	2.54	3.08	2.54	100.0%
18850531	63	1354	MOORE	13132050	4	May 30, 2017	1.08	1.31	1.08	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 29, 2017	3.20	3.35	3.20	100.0%
18850601	205	554	BECK	13130525	4	May 30, 2017	0.59	0.72	0.59	100.0%
18850601	15	859	MOORE	13132050	4	May 30, 2017	0.50	0.61	0.50	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 29, 2017	2.60	2.72	2.60	100.0%
18850601	20	949	DARLINGTON	13127735	5	May 29, 2017	0.40	0.42	0.40	100.0%
18850601	212	315	DARLINGTON	13127735	5	May 29, 2017	0.94	0.98	0.94	100.0%
18850601	525	1464	BURNETT	13127750	5	May 29, 2017	1.54	1.61	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	May 28, 2017	0.76	0.76	0.76	100.0%
18850601	280	1183	SHARP	13126500	6	May 28, 2017	1.16	1.16	1.16	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 27, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 29, 2017	3.08	3.23	3.08	100.0%
18851002	437	62	ARCO	13132365	2	May 30, 2017	1.54	2.67	1.54	100.0%
18851002	468	61	ARCO	13132365	2	May 30, 2017	3.60	6.25	3.60	100.0%
18851002	93	726	ARCO	13132365	2	May 30, 2017	0.50	0.87	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	May 30, 2017	1.16	2.01	1.16	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 28, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 30, 2017	4.62	5.61	4.62	100.0%
18860501	305	927	3IN1	13130605	4	May 30, 2017	0.86	1.05	0.86	100.0%
18860501	417	1050	MOORE	13132050	4	May 30, 2017	2.80	3.40	2.80	100.0%
18860501	417	644	MOORE	13132050	4	May 30, 2017	1.20	1.46	1.20	100.0%
18860512	263	398	MOORE	13132050	4	May 30, 2017	0.18	0.22	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	May 30, 2017	0.18	0.22	0.18	100.0%
18860512	96	459	MOORE	13132050	4	May 30, 2017	0.48	0.58	0.48	100.0%
18860601	69	881	Upper Eastside &	13132101	2	May 30, 2017	1.56	1.89	1.56	100.0%
18860601	482	867	Upper Eastside &	13132101	2	May 30, 2017	1.24	1.51	1.24	100.0%
18860601	16	1009	MOORE	13132050	4	May 30, 2017	2.52	3.06	2.52	100.0%
18860601	339	1010	MOORE	13132050	4	May 30, 2017	0.68	0.83	0.68	100.0%
18860601	357	1288	BURNETT	13127750	5	May 29, 2017	1.60	1.68	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 28, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 28, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 30, 2017	0.92	1.12	0.92	100.0%
18860721	336	294	BURNETT	13127750	5	May 29, 2017	0.80	0.84	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 29, 2017	3.00	3.14	3.00	100.0%
18860901	256	758	MUNSEY	13132375	2	May 30, 2017	1.86	3.23	1.86	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 30, 2017	0.84	1.02	0.84	100.0%
18860901	165	1248	BURNETT	13127750	5	May 29, 2017	1.60	1.68	1.60	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 28, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 29, 2017	1.08	1.13	1.08	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	May 30, 2017	0.80	0.97	0.80	100.0%
18870313	459	338	MOORE	13132050	4	May 30, 2017	0.42	0.51	0.42	100.0%
18870313	70	337	MOORE	13132050	4	May 30, 2017	0.23	0.28	0.23	100.0%
18870313	433	683	MOORE	13132050	4	May 30, 2017	0.70	0.85	0.70	100.0%
18870313	360	681	BURNETT	13127750	5	May 29, 2017	0.80	0.84	0.80	100.0%
18870313	73	202	BURNETT	13127750	5	May 29, 2017	0.65	0.68	0.65	100.0%
18870313	73	201	BURNETT	13127750	5	May 29, 2017	1.05	1.10	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 27, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 28, 2017	3.30	3.30	3.30	100.0%

18870501	468	1309	ARCO	13132365	2	May 30, 2017	3.20	5.56	3.20	100.0%
18870601	468	893	ARCO	13132365	2	May 30, 2017	1.40	2.43	1.40	100.0%
18870601	423	76	Lower Eastside &	13132291	2	May 30, 2017	0.22	0.27	0.22	100.0%
18870601	423	1028	Lower Eastside &	13132291	2	May 30, 2017	1.80	2.19	1.80	100.0%
18870601	305	1351	3IN1	13130605	4	May 30, 2017	1.00	1.21	1.00	100.0%
18870601	252	353	DARLINGTON	13127735	5	May 29, 2017	0.43	0.45	0.43	100.0%
18870601	73	196	BURNETT	13127750	5	May 29, 2017	0.69	0.72	0.69	100.0%
18870601	73	195	BURNETT	13127750	5	May 29, 2017	1.11	1.16	1.11	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 28, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 28, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 27, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 27, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	May 30, 2017	0.80	0.97	0.80	100.0%
18870630	165	980	BURNETT	13127750	5	May 29, 2017	0.80	0.84	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 29, 2017	0.80	0.84	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 29, 2017	0.80	0.84	0.80	100.0%
18870701	423	102	Lower Eastside &	13132291	2	May 30, 2017	0.38	0.46	0.38	100.0%
18870801	73	189	BURNETT	13127750	5	May 29, 2017	0.62	0.65	0.62	100.0%
18870801	73	190	BURNETT	13127750	5	May 29, 2017	0.38	0.40	0.38	100.0%
18870801	119	1166	BURNETT	13127750	5	May 29, 2017	0.27	0.28	0.27	100.0%
18870831	119	1154	BURNETT	13127750	5	May 29, 2017	1.20	1.26	1.20	100.0%
18880601	437	670	ARCO	13132365	2	May 30, 2017	0.33	0.57	0.33	100.0%
18880601	427	669	ARCO	13132365	2	May 30, 2017	0.81	1.40	0.81	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 29, 2017	0.33	0.34	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 29, 2017	0.98	1.03	0.98	100.0%
18880601	347	1138	SHARP	13126500	6	May 28, 2017	1.27	1.27	1.27	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 28, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 27, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 27, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	May 26, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	May 30, 2017	0.44	0.53	0.44	100.0%
18890601	463	1396	MOORE	13132050	4	May 30, 2017	0.20	0.24	0.20	100.0%
18890601	441	205	MOORE	13132050	4	May 30, 2017	0.97	1.18	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	May 30, 2017	0.50	0.61	0.50	100.0%
18890601	599	1552	MOORE	13132050	4	May 30, 2017	0.35	0.42	0.35	100.0%
18890601	589	716	BURNETT	13127750	5	May 29, 2017	2.70	2.83	2.70	100.0%
18890601	475	969	BURNETT	13127750	5	May 29, 2017	1.20	1.26	1.20	100.0%
18890601	119	996	BURNETT	13127750	5	May 29, 2017	0.40	0.42	0.40	100.0%
18890601	336	979	BURNETT	13127750	5	May 29, 2017	0.52	0.54	0.52	100.0%
18900601	372	886	ARCO	13132365	2	May 30, 2017	0.59	1.02	0.59	100.0%
18900601	416	591	3IN1	13130605	4	May 30, 2017	0.75	0.91	0.75	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 28, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 28, 2017	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 27, 2017	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 27, 2017	0.24	0.24	0.24	100.0%
18910630	205	555	BECK	13130525	4	May 30, 2017	0.53	0.64	0.53	100.0%
18910801	307	77	CHILLY	13121105	9	May 27, 2017	5.20	5.20	5.20	100.0%
18920501	468	60	ARCO	13132365	2	May 30, 2017	1.00	1.74	1.00	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 28, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 28, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 30, 2017	0.22	0.27	0.22	100.0%
18930323	77	688	MOORE	13132050	4	May 30, 2017	1.50	1.82	1.50	100.0%
18930323	77	366	MOORE	13132050	4	May 30, 2017	1.60	1.94	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 28, 2017	0.74	0.74	0.74	100.0%
18940310	475	989	BURNETT	13127750	5	May 29, 2017	0.44	0.46	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	May 29, 2017	1.14	1.19	1.14	100.0%
18940310	265	1223	BURNETT	13127750	5	May 29, 2017	2.80	2.93	2.80	100.0%
18940310	386	268	SUTTER	13128105	5	May 29, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 27, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 28, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 30, 2017	0.80	0.97	0.80	100.0%
18940531	77	800	MOORE	13132050	4	May 30, 2017	0.74	0.90	0.74	100.0%
18940531	5	776	MOORE	13132050	4	May 30, 2017	0.20	0.24	0.20	100.0%
18940601	482	1301	Upper Eastside &	13132101	2	May 30, 2017	0.52	0.63	0.52	100.0%

18940601	223	1363	Upper Eastside &	13132101	2	May 30, 2017	3.20	3.88	3.20	100.0%
18940601	417	379	MOORE	13132050	4	May 30, 2017	0.15	0.18	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 29, 2017	0.11	0.12	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	May 29, 2017	1.60	1.68	1.60	100.0%
18940601	390	408	SHARP	13126500	6	May 28, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 27, 2017	1.20	1.20	1.20	100.0%
18940926	381	866	DARLINGTON	13127735	5	May 29, 2017	0.38	0.40	0.38	100.0%
18940926	252	357	DARLINGTON	13127735	5	May 29, 2017	0.30	0.31	0.30	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 29, 2017	1.10	1.15	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 27, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	May 30, 2017	0.80	0.97	0.80	100.0%
18950601	417	378	MOORE	13132050	4	May 30, 2017	0.10	0.12	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 29, 2017	1.88	1.97	1.88	100.0%
18950601	445	410	NEILSEN	13120805	9	May 27, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 27, 2017	0.02	0.02	0.02	100.0%
18950610	416	592	3IN1	13130605	4	May 30, 2017	2.25	2.73	2.25	100.0%
18950630	265	1224	BURNETT	13127750	5	May 29, 2017	2.62	2.75	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 28, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	May 30, 2017	1.47	1.78	1.47	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 30, 2017	0.70	0.85	0.70	100.0%
18960601	180	278	Upper Eastside &	13132101	2	May 30, 2017	0.41	0.50	0.41	100.0%
18960601	45	998	Lower Eastside &	13132291	2	May 30, 2017	0.18	0.22	0.18	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	May 30, 2017	0.04	0.04	0.04	100.0%
18960601	15	1106	MOORE	13132050	4	May 30, 2017	1.17	1.42	1.17	100.0%
18960601	417	992	MOORE	13132050	4	May 30, 2017	1.20	1.46	1.20	100.0%
18960601	459	993	MOORE	13132050	4	May 30, 2017	0.40	0.49	0.40	100.0%
18960601	417	381	MOORE	13132050	4	May 30, 2017	2.40	2.91	2.40	100.0%
18960601	339	1118	MOORE	13132050	4	May 30, 2017	1.57	1.91	1.57	100.0%
18960601	96	461	MOORE	13132050	4	May 30, 2017	0.05	0.06	0.05	100.0%
18960601	2334	1495	MOORE	13132050	4	May 30, 2017	2.40	2.91	2.40	100.0%
18960601	96	457	MOORE	13132050	4	May 30, 2017	0.92	1.12	0.92	100.0%
18960601	463	128	MOORE	13132050	4	May 30, 2017	1.60	1.94	1.60	100.0%
18960601	652	1567	MOORE	13132050	4	May 30, 2017	0.32	0.39	0.32	100.0%
18960601	263	399	MOORE	13132050	4	May 30, 2017	0.27	0.33	0.27	100.0%
18960601	441	207	MOORE	13132050	4	May 30, 2017	1.00	1.21	1.00	100.0%
18960601	263	397	MOORE	13132050	4	May 30, 2017	0.35	0.42	0.35	100.0%
18960601	13	1119	MOORE	13132050	4	May 30, 2017	0.40	0.49	0.40	100.0%
18960601	85	1521	MOORE	13132050	4	May 30, 2017	0.23	0.28	0.23	100.0%
18960601	85	1522	MOORE	13132050	4	May 30, 2017	0.12	0.15	0.12	100.0%
18960601	381	1180	DARLINGTON	13127735	5	May 29, 2017	1.15	1.20	1.15	100.0%
18960601	252	359	DARLINGTON	13127735	5	May 29, 2017	0.89	0.93	0.89	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 28, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 30, 2017	2.00	3.47	2.00	100.0%
18960801	280	1186	SHARP	13126500	6	May 28, 2017	0.10	0.10	0.10	100.0%
18960901	427	672	ARCO	13132365	2	May 30, 2017	0.32	0.56	0.32	100.0%
18960901	437	671	ARCO	13132365	2	May 30, 2017	0.13	0.23	0.13	100.0%
18960928	407	307	MUNSEY	13132375	2	May 30, 2017	0.51	0.89	0.51	100.0%
18960928	392	840	MUNSEY	13132375	2	May 30, 2017	4.40	7.64	4.40	100.0%
18960928	150	216	MUNSEY	13132375	2	May 30, 2017	0.03	0.05	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	May 30, 2017	1.97	3.42	1.97	100.0%
18970510	437	664	ARCO	13132365	2	May 30, 2017	1.74	3.02	1.74	100.0%
18970510	427	6	ARCO	13132365	2	May 30, 2017	4.29	7.44	4.29	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 29, 2017	3.44	3.60	3.44	100.0%
18970510	411	674	DARLINGTON	13127735	5	May 29, 2017	1.99	2.09	1.99	100.0%
18970510	47	92	DARLINGTON	13127735	5	May 29, 2017	3.88	4.07	1.46	37.6%
18970510	73	191	BURNETT	13127750	5	May 29, 2017	0.92	0.96	0.92	100.0%
18970510	73	192	BURNETT	13127750	5	May 29, 2017	0.58	0.61	0.58	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 30, 2017	1.34	1.63	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 27, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 29, 2017	3.20	3.35	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 30, 2017	0.24	0.29	0.24	100.0%
18970615	180	280	Upper Eastside &	13132101	2	May 30, 2017	0.13	0.16	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 28, 2017	2.40	2.40	2.40	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	May 30, 2017	0.65	0.79	0.65	100.0%

18980601	437	1310	ARCO	13132365	2	May 30, 2017	1.60	2.78	1.60	100.0%
18980601	483	1274	CHILLY	13121105	9	May 27, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 27, 2017	2.01	2.01	2.01	100.0%
18980901	122	821	ARCO	13132365	2	May 30, 2017	0.10	0.18	0.10	100.0%
18980901	268	562	ARCO	13132365	2	May 30, 2017	1.57	2.73	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 28, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 28, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	May 30, 2017	1.00	1.21	1.00	100.0%
18990327	180	468	Upper Eastside &	13132101	2	May 30, 2017	0.05	0.06	0.05	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 30, 2017	0.84	1.02	0.84	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 30, 2017	0.07	0.08	0.07	100.0%
18990327	459	1477	MOORE	13132050	4	May 30, 2017	0.01	0.01	0.01	100.0%
18990327	433	272	MOORE	13132050	4	May 30, 2017	0.48	0.58	0.48	100.0%
18990327	459	1090	MOORE	13132050	4	May 30, 2017	0.60	0.73	0.60	100.0%
18990501	427	934	ARCO	13132365	2	May 30, 2017	0.26	0.45	0.26	100.0%
18990518	151	1044	BURNETT	13127750	5	May 29, 2017	0.15	0.16	0.15	100.0%
18990518	138	443	BURNETT	13127750	5	May 29, 2017	0.02	0.02	0.02	100.0%
18990518	73	204	BURNETT	13127750	5	May 29, 2017	0.15	0.16	0.15	100.0%
18990518	73	203	BURNETT	13127750	5	May 29, 2017	0.25	0.26	0.25	100.0%
18990601	201	705	SWAUGER	13127600	5	May 29, 2017	0.28	0.30	0.28	100.0%
18990601	360	704	BURNETT	13127750	5	May 29, 2017	1.20	1.26	1.20	100.0%
18990601	165	982	BURNETT	13127750	5	May 29, 2017	0.80	0.84	0.80	100.0%
18990601	490	981	BURNETT	13127750	5	May 29, 2017	0.80	0.84	0.80	100.0%
18990601	307	72	NEILSEN	13120805	9	May 27, 2017	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 27, 2017	0.60	0.60	0.60	100.0%
19000323	77	44	MOORE	13132050	4	May 30, 2017	0.24	0.29	0.24	100.0%
19000601	386	270	SUTTER	13128105	5	May 29, 2017	0.08	0.08	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 27, 2017	6.40	6.40	6.40	100.0%
19010722	427	926	ARCO	13132365	2	May 30, 2017	1.60	2.78	1.60	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 28, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 28, 2017	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	May 30, 2017	0.23	0.28	0.23	100.0%
19010901	70	339	MOORE	13132050	4	May 30, 2017	0.08	0.10	0.08	100.0%
19010901	433	685	MOORE	13132050	4	May 30, 2017	0.50	0.61	0.50	100.0%
19010901	73	197	BURNETT	13127750	5	May 29, 2017	0.14	0.15	0.14	100.0%
19010901	138	439	BURNETT	13127750	5	May 29, 2017	0.02	0.02	0.02	100.0%
19010901	151	1039	BURNETT	13127750	5	May 29, 2017	0.08	0.08	0.08	100.0%
19011001	263	396	MOORE	13132050	4	May 30, 2017	0.14	0.17	0.14	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 27, 2017	2.60	2.60	2.60	100.0%
19020115	392	765	MUNSEY	13132375	2	May 30, 2017	1.18	2.05	1.18	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	May 30, 2017	0.20	0.24	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	May 30, 2017	0.31	0.37	0.31	100.0%
19020301	15	81	MOORE	13132050	4	May 30, 2017	0.16	0.20	0.16	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 28, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 27, 2017	0.90	0.90	0.90	100.0%
19020301	307	834	CHILLY	13121105	9	May 27, 2017	2.40	2.40	2.40	100.0%
19020301	307	676	CHILLY	13121105	9	May 27, 2017	3.85	3.85	3.85	100.0%
19020301	373	24	CHILLY	13121105	9	May 27, 2017	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 27, 2017	3.40	3.40	3.40	100.0%
19020301	364	952	CHILLY	13121105	9	May 27, 2017	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	May 27, 2017	0.80	0.80	0.80	100.0%
19020301	483	1500	CHILLY	13121105	9	May 27, 2017	1.60	1.60	1.60	100.0%
19020304	129	1062	CHILLY	13121105	9	May 27, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 27, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 27, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 30, 2017	1.36	1.65	1.36	100.0%
19020501	310	631	CHILLY	13121105	9	May 27, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 26, 2017	0.62	0.62	0.62	100.0%
19020601	339	1015	MOORE	13132050	4	May 30, 2017	0.66	0.80	0.66	100.0%
19020601	16	1014	MOORE	13132050	4	May 30, 2017	0.92	1.12	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 28, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 27, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 27, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 28, 2017	1.74	1.74	1.74	100.0%

19030401	364	970	Upper Fish Hatch	13124160	8	May 28, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 30, 2017	1.46	1.77	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	May 29, 2017	0.08	0.08	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 29, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	May 27, 2017	1.40	1.40	1.40	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 28, 2017	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 28, 2017	0.02	0.02	0.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 28, 2017	0.13	0.13	0.13	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 27, 2017	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 27, 2017	0.02	0.02	0.02	100.0%
19050501	255	402	NEILSEN	13120805	9	May 27, 2017	0.50	0.50	0.50	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 27, 2017	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	May 27, 2017	1.30	1.30	1.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 27, 2017	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 27, 2017	0.82	0.82	0.82	100.0%
19050501	403	811	NEILSEN	13120805	9	May 27, 2017	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 27, 2017	0.40	0.40	0.40	100.0%
19050501	310	115	CHILLY	13121105	9	May 27, 2017	1.90	1.90	1.90	100.0%
19050501	364	690	CHILLY	13121105	9	May 27, 2017	1.10	1.10	1.10	100.0%
19050501	364	629	CHILLY	13121105	9	May 27, 2017	0.40	0.40	0.40	100.0%
19050501	129	1063	CHILLY	13121105	9	May 27, 2017	0.80	0.80	0.80	100.0%
19050501	373	432	CHILLY	13121105	9	May 27, 2017	0.58	0.58	0.58	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 27, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 26, 2017	2.58	2.58	2.58	100.0%
19060501	185	392	Upper Eastside &	13132101	2	May 30, 2017	0.19	0.23	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	May 27, 2017	0.50	0.50	0.50	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 27, 2017	1.08	1.08	1.08	100.0%
19070501	358	321	NEILSEN	13120805	9	May 27, 2017	1.52	1.52	1.52	100.0%
19070501	575	322	NEILSEN	13120805	9	May 27, 2017	1.48	1.48	1.48	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 27, 2017	1.30	1.30	1.30	100.0%
19080401	314	73	NEILSEN	13120805	9	May 27, 2017	2.04	2.04	2.04	100.0%
19080401	483	848	LONGHURST	13121505	9	May 27, 2017	2.10	2.10	2.10	100.0%
19080715	364	692	CHILLY	13121105	9	May 27, 2017	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	May 30, 2017	0.33	0.40	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 28, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 28, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 27, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 27, 2017	0.80	0.80	0.80	100.0%
19120227	364	954	CHILLY	13121105	9	May 27, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 28, 2017	1.20	1.20	1.20	100.0%
19120401	483	13	LONGHURST	13121505	9	May 27, 2017	1.71	1.71	1.71	100.0%
19120501	310	632	CHILLY	13121105	9	May 27, 2017	0.80	0.80	0.80	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 27, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 27, 2017	0.03	0.03	0.03	100.0%
19121014	130	75	NEILSEN	13120805	9	May 27, 2017	1.70	1.70	1.70	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 27, 2017	2.40	2.40	2.40	100.0%
19121014	403	813	NEILSEN	13120805	9	May 27, 2017	2.10	2.10	2.10	100.0%
19131206	575	1379	NEILSEN	13120805	9	May 27, 2017	1.72	1.72	1.72	100.0%
19131224	373	25	CHILLY	13121105	9	May 27, 2017	1.60	1.60	1.60	100.0%
19140601	445	412	NEILSEN	13120805	9	May 27, 2017	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	May 27, 2017	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	May 27, 2017	0.59	0.59	0.59	100.0%
19150504	310	636	CHILLY	13121105	9	May 27, 2017	0.42	0.42	0.42	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 27, 2017	1.58	1.58	1.58	100.0%
19160501	373	26	CHILLY	13121105	9	May 27, 2017	0.41	0.41	0.41	100.0%
19160501	129	633	CHILLY	13121105	9	May 27, 2017	0.80	0.80	0.80	100.0%
19160501	310	634	CHILLY	13121105	9	May 27, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 28, 2017	1.36	1.36	1.36	100.0%
19170620	307	71	NEILSEN	13120805	9	May 27, 2017	0.80	0.80	0.80	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 28, 2017	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	May 30, 2017	0.79	1.37	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	May 30, 2017	0.01	0.02	0.01	100.0%
19240806	417	695	MOORE	13132050	4	May 30, 2017	0.50	0.61	0.50	100.0%
19440508	437	737	ARCO	13132365	2	May 30, 2017	1.00	1.74	1.00	100.0%

19440508	427	733	ARCO	13132365	2	May 30, 2017	0.29	0.50	0.29	100.0%
19600824	185	390	Upper Eastside &	13132101	2	May 30, 2017	0.11	0.13	0.11	100.0%
19740402	150	220	MUNSEY	13132375	2	May 30, 2017	0.02	0.03	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 30, 2017	4.40	7.64	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 30, 2017	13.72	23.82	13.72	100.0%
19770529	327	176	MUNSEY	13132375	2	May 30, 2017	1.34	2.33	1.34	100.0%
19950203	476	1272	3IN1	13130605	4	May 30, 2017	14.10	17.12	14.10	100.0%
19950203	476	1272	MOORE	13132050	4	May 30, 2017	6.26	7.60	6.26	100.0%
19950411	476	1273	BURNETT	13127750	5	May 29, 2017	21.34	22.36	21.34	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 27, 2017	4.00	4.00	4.00	100.0%
19950411	476	1273	CHILLY	13121105	9	May 27, 2017	10.00	10.00	10.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 28, 2017	10000.00	10000.00	953.84	9.5%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 27	1630.0	4.8		1634.8	0.00	1634.8	4.8	0.0		1630.0	0.0	
9	Howell to Chilly	May 28	0.0	157.5		-1472.5	0.90	162.3	142.7	14.8		14.8	-14.8	
8	Chilly to Reservoir	* May 29	1482.7	71.2		1553.9	0.00	1716.2	69.0	2.2		1499.7	-17.0	
	Disconnected													
7	Mackay Reservoir	* May 29	1344.0	0.0		1482.7	0.00	1642.8	1129.5			513.3		
6	Reservoir to 2B	May 29	1330.0	14.0		0.0	0.00	1633.3	9.5	4.5		503.8	826.2	
5	2B to Leslie	May 30	786.0	202.0		-342.0	0.26	1372.3	131.5	70.5		242.7	543.3	
4	Leslie to Eastside In	May 31	759.1	187.0		160.1	0.00	1263.4	108.9	78.1		133.9	625.2	
2a	Eastside In To Weirs	* May 31	615.0	16.7	0.0	-127.4	0.17	1224.5	16.4	0.3		95.0	520.0	0.0
2b	Weirs To Eastside Out	* May 31	470.9	12.9	0.0	-131.2	0.21	1192.3	11.9	1.0		62.8	408.1	0.0
2c	Eastside Out To Blw Muns	* May 31	377.8	93.1	0.0	0.0	0.00	1129.5	62.8	30.3	0.0	0.0	377.8	0.0
1	Blw Munsey to Arco	May 31	278.0	0.0		-99.8	0.26	1120.3	0.0	0.0		0.0	377.8	
3	River blw Moore Div	May 31	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	1687.0	201.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 27	0.0		20090101	11%	1	18800630	3.2	556.5	184.1	
9	Howell to Chilly	May 28	-1472.5		20090101	11%	2	18810630	1.7	294.0	97.8	
8	Chilly to Reservoir	May 29	0.0		20090101	11%	3	18880601	3.2	556.5	184.1	
	Disconnected						4	18960601	6.4	1113.0	368.1	
7	Mackay Reservoir	May 29	0.0		20090101	11%	5	19020301	0.8	140.0	46.0	
6	Reservoir to 2B	May 29	0.0	0.0	20090101	11%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 30	-129.6	-212.4	20090101	11%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	May 31	0.0	0.0	20090101	11%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	May 31	-22.5	-104.9	0.0	20090101	11%	9	Add Vol	Unlimited	200000.0	85867.2
2b	Weirs To Eastside Out	May 31	-20.3	-110.9	0.0	20090101	11%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	May 31	0.0	0.0	0.0	20090101	11%		TOTAL		296511.0	130598.3
1	Blw Munsey to Arco	May 31	0.0	-377.8	0.0	20090101	11%					
3	River blw Moore Div	May 31	0.0	0.0	20090101	11%						
	TOTAL		-1644.8	-805.5	0.0							

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
21860.0	22120.0		260.0	131.1	7.7	341.0	185.2	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	61898.3
Total Storage Loss	-46547.1
Total Storage Deliver	-9325.4
Total Evaporation	-386.6
Accounting Balance	<u>22119.1</u>
Current Res Content	22120.0
Storage Balance Error	-0.9

DAILY STORAGE BALANCE

21860.0 Reservoir Content Previous Day [ac-ft]
22120.0 Reservoir Content Current Day [ac-ft]
260.0 Physical Change in Storage [ac-ft]

2240.4 Storage Allocated to Mackay Reservoir [ac-ft]
-1597.7 Stored Flow Losses [ac-ft]
-212.4 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-593.1 Eastside [cfs]
0.0 River blw Moore [cfs]
-367.5 Storage Delivered [ac-ft]
4.5 Reservoir to 2B [cfs]
70.5 2B to Leslie [cfs]
78.1 Leslie to Moore [cfs]
32.2 Eastside to blw Munsey [cfs]
-15.2 Evaporation [ac-ft]
260.0 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1642.8 Natural Flow into Mackay Reservoir [cfs]

1129.5 Reservoir Rights Diverted [cfs]
162.7 Natural Flow Losses below Reservoir [cfs]
-129.6 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-33.1 Eastside as River [cfs]
350.6 Natural Flow Delivered [cfs]
9.5 Reservoir to 2B [cfs]
131.5 2B to Leslie [cfs]
108.9 Leslie to Moore [cfs]
100.7 Eastside to blw Munsey [cfs]
1642.8 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	759.1			16.7	-3.4	307.5	307.5	-127.4	16.8%	615.0
Natural Flow	133.9			16.4	-3.3			-22.5		95.0
Stored Flow	625.2			0.3	-0.1			-104.9		520.0
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	307.5	307.5		12.9	-6.8	470.9	-131.2	21.3%	-248.4
Natural Flow				11.9	-6.3	62.8	-20.3		-33.1
Stored Flow				1.0	-0.5	408.1	-110.9		-215.3
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	470.9		93.1	377.8
Natural Flow	62.8		62.8	0.0
Stored Flow	408.1		30.3	377.8
Exchange Flow	0.0		0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060			13132350
Actual Flow	39.8	719.3	16.4	598.6	470.9
Natural Flow	37.9	96.0	15.1	79.8	62.8
Stored Flow	1.9	623.4	1.3	518.8	408.1
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	14.0	4.5	138.1
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	32.0	13.4	394.2
9 BITTON	0.0	0.0	69.4	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.0	6.0	225.1	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	31.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	184.5	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	107.0	30.3	1406.4
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	1392.3
9 NEILSEN	50.5	4.4	214.7	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	0.0	11.9	5 SUTTER	6.0	2.6	111.7
9 CHILLY	65.0	0.4	219.8	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	13.0	7.2	584.2
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	0.0	269.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	4.8	4 3IN1	24.0	5.0	304.7
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	150.0	65.8	2863.2
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	138.6	2 EASTSIDE FHDiv	39.8	1.9	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	50.6	408.1	25001.0
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.2	0.0	0.0	2 MUNSEY	42.5	408.1	25001.0
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.3	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	1.3	40.8	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 28, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	May 28, 2017	4.36	4.36	4.36	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 29, 2017	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 29, 2017	0.59	0.59	0.59	100.0%
18800601	370	530	ARCO	13132365	2	May 31, 2017	0.15	0.31	0.15	100.0%
18800601	93	723	ARCO	13132365	2	May 31, 2017	0.04	0.08	0.04	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 29, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 29, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 29, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 29, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 29, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 28, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 29, 2017	3.00	3.00	3.00	100.0%
18830601	22	1083	MOORE	13132050	4	May 31, 2017	0.06	0.08	0.06	100.0%
18830601	224	854	MOORE	13132050	4	May 31, 2017	2.80	3.77	2.80	100.0%
18830601	645	464	MOORE	13132050	4	May 31, 2017	0.11	0.15	0.11	100.0%
18830601	106	1082	MOORE	13132050	4	May 31, 2017	1.18	1.59	1.18	100.0%
18830601	2331	465	MOORE	13132050	4	May 31, 2017	0.79	1.06	0.79	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	May 31, 2017	0.43	0.58	0.43	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	May 31, 2017	0.21	0.29	0.21	100.0%
18830810	263	393	MOORE	13132050	4	May 31, 2017	0.18	0.24	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	May 31, 2017	1.50	2.02	1.50	100.0%
18830810	96	449	MOORE	13132050	4	May 31, 2017	0.48	0.65	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	May 31, 2017	0.18	0.24	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 30, 2017	0.68	0.92	0.68	100.0%
18840422	236	30	BECK	13130525	4	May 31, 2017	1.64	2.21	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	May 31, 2017	0.14	0.19	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 30, 2017	0.07	0.09	0.07	100.0%
18840422	201	83	SWAUGER	13127600	5	May 30, 2017	1.12	1.51	1.12	100.0%
18840422	585	951	SWAUGER	13127600	5	May 30, 2017	0.18	0.24	0.18	100.0%
18840422	347	938	SWAUGER	13127600	5	May 30, 2017	0.82	1.10	0.82	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 30, 2017	1.44	1.94	1.44	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 30, 2017	0.55	0.74	0.55	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 30, 2017	2.17	2.92	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 30, 2017	0.20	0.27	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 30, 2017	0.96	1.29	0.96	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 30, 2017	1.63	2.19	1.63	100.0%
18840422	525	1465	BURNETT	13127750	5	May 30, 2017	1.92	2.58	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	May 30, 2017	0.50	0.67	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	May 30, 2017	2.00	2.69	2.00	100.0%
18840422	347	938	SHARP	13126500	6	May 29, 2017	3.18	3.18	3.18	100.0%
18840422	632	1539	SHARP	13126500	6	May 29, 2017	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	May 29, 2017	0.64	0.64	0.64	100.0%
18840422	397	10	SHARP	13126500	6	May 29, 2017	0.12	0.12	0.12	100.0%
18840422	544	1067	SHARP	13126500	6	May 29, 2017	1.00	1.00	1.00	100.0%
18840422	390	406	SHARP	13126500	6	May 29, 2017	0.09	0.09	0.09	100.0%
18840422	24	120	SHARP	13126500	6	May 29, 2017	0.08	0.08	0.08	100.0%
18840422	2525	407	SHARP	13126500	6	May 29, 2017	0.08	0.08	0.08	100.0%
18840430	73	193	BURNETT	13127750	5	May 30, 2017	1.23	1.66	1.23	100.0%
18840430	73	194	BURNETT	13127750	5	May 30, 2017	0.77	1.04	0.77	100.0%
18840430	623	1519	BURNETT	13127750	5	May 30, 2017	0.40	0.54	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	May 30, 2017	1.60	2.15	1.60	100.0%
18840430	119	1366	BURNETT	13127750	5	May 30, 2017	0.40	0.54	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	May 30, 2017	0.80	1.08	0.80	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 29, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 29, 2017	0.22	0.22	0.22	100.0%
18840520	604	436	Lower Eastside &	13132291	2	May 31, 2017	1.15	1.55	1.15	100.0%
18840520	187	16	Lower Eastside &	13132291	2	May 31, 2017	0.16	0.22	0.16	100.0%
18840520	180	470	Upper Eastside &	13132101	2	May 31, 2017	0.16	0.22	0.16	100.0%

18840520	251	796	Upper Eastside &	13132101	2	May 31, 2017	0.80	1.08	0.80	100.0%
18840520	96	451	MOORE	13132050	4	May 31, 2017	0.58	0.78	0.58	100.0%
18840520	2333	657	MOORE	13132050	4	May 31, 2017	0.98	1.32	0.98	100.0%
18840520	85	1584	MOORE	13132050	4	May 31, 2017	0.22	0.30	0.22	100.0%
18840520	2331	471	MOORE	13132050	4	May 31, 2017	1.39	1.87	1.39	100.0%
18840520	2332	753	MOORE	13132050	4	May 31, 2017	0.42	0.57	0.42	100.0%
18840520	2331	463	MOORE	13132050	4	May 31, 2017	2.24	3.02	2.24	100.0%
18840520	427	1	MOORE	13132050	4	May 31, 2017	0.82	1.10	0.82	100.0%
18840520	2335	265	MOORE	13132050	4	May 31, 2017	0.84	1.13	0.84	100.0%
18840520	2332	752	MOORE	13132050	4	May 31, 2017	0.36	0.48	0.36	100.0%
18840520	433	271	MOORE	13132050	4	May 31, 2017	0.54	0.73	0.54	100.0%
18840520	263	394	MOORE	13132050	4	May 31, 2017	0.22	0.30	0.22	100.0%
18840520	340	816	MOORE	13132050	4	May 31, 2017	0.28	0.38	0.28	100.0%
18840520	459	797	MOORE	13132050	4	May 31, 2017	1.20	1.62	1.20	100.0%
18840520	459	1478	MOORE	13132050	4	May 31, 2017	0.01	0.01	0.01	100.0%
18840520	219	547	MOORE	13132050	4	May 31, 2017	1.12	1.51	1.12	100.0%
18840520	645	462	MOORE	13132050	4	May 31, 2017	0.29	0.39	0.29	100.0%
18840520	66	266	MOORE	13132050	4	May 31, 2017	0.02	0.03	0.02	100.0%
18840531	338	122	DARLINGTON	13127735	5	May 30, 2017	0.72	0.97	0.72	100.0%
18840601	263	395	MOORE	13132050	4	May 31, 2017	0.08	0.11	0.08	100.0%
18840601	96	453	MOORE	13132050	4	May 31, 2017	0.21	0.28	0.21	100.0%
18840601	85	1544	MOORE	13132050	4	May 31, 2017	0.09	0.12	0.09	100.0%
18840601	85	1545	MOORE	13132050	4	May 31, 2017	0.54	0.73	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	May 31, 2017	0.08	0.11	0.08	100.0%
18840601	15	131	MOORE	13132050	4	May 31, 2017	0.37	0.50	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	May 31, 2017	1.28	1.72	1.28	100.0%
18840601	73	200	BURNETT	13127750	5	May 30, 2017	0.23	0.31	0.23	100.0%
18840601	138	441	BURNETT	13127750	5	May 30, 2017	0.04	0.05	0.04	100.0%
18840601	119	56	BURNETT	13127750	5	May 30, 2017	0.73	0.99	0.73	100.0%
18840601	297	712	BURNETT	13127750	5	May 30, 2017	0.80	1.08	0.80	100.0%
18840601	623	1493	BURNETT	13127750	5	May 30, 2017	0.20	0.27	0.20	100.0%
18840601	623	1504	BURNETT	13127750	5	May 30, 2017	0.27	0.36	0.27	100.0%
18840601	139	711	BURNETT	13127750	5	May 30, 2017	0.80	1.08	0.80	100.0%
18840601	151	1042	BURNETT	13127750	5	May 30, 2017	0.23	0.31	0.23	100.0%
18840601	623	1505	BURNETT	13127750	5	May 30, 2017	0.40	0.54	0.40	100.0%
18840601	360	693	BURNETT	13127750	5	May 30, 2017	0.80	1.08	0.80	100.0%
18840601	73	199	BURNETT	13127750	5	May 30, 2017	0.37	0.50	0.37	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 29, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 28, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 28, 2017	0.40	0.40	0.40	100.0%
18840715	115	323	MOORE	13132050	4	May 31, 2017	0.76	1.02	0.76	100.0%
18840715	133	324	MOORE	13132050	4	May 31, 2017	0.76	1.02	0.76	100.0%
18840715	417	1194	MOORE	13132050	4	May 31, 2017	1.20	1.62	1.20	100.0%
18840715	15	799	MOORE	13132050	4	May 31, 2017	0.80	1.08	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	May 31, 2017	0.80	1.08	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	May 31, 2017	1.20	1.62	1.20	100.0%
18840731	44	1132	MOORE	13132050	4	May 31, 2017	0.80	1.08	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	May 31, 2017	0.80	1.08	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	May 31, 2017	0.20	0.27	0.20	100.0%
18840831	638	772	Upper Eastside &	13132101	2	May 31, 2017	0.40	0.54	0.40	100.0%
18840831	180	276	Upper Eastside &	13132101	2	May 31, 2017	1.31	1.76	1.31	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	May 31, 2017	0.33	0.44	0.33	100.0%
18840831	251	773	Upper Eastside &	13132101	2	May 31, 2017	0.50	0.67	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	May 31, 2017	3.20	4.31	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 29, 2017	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	May 30, 2017	0.40	0.54	0.40	100.0%
18840914	623	1494	BURNETT	13127750	5	May 30, 2017	0.40	0.54	0.40	100.0%
18840914	360	68	BURNETT	13127750	5	May 30, 2017	0.80	1.08	0.80	100.0%
18841012	205	557	BECK	13130525	4	May 31, 2017	1.76	2.37	1.76	100.0%
18841012	70	341	MOORE	13132050	4	May 31, 2017	0.31	0.42	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	May 31, 2017	1.25	1.68	1.25	100.0%
18841012	459	342	MOORE	13132050	4	May 31, 2017	0.58	0.78	0.58	100.0%
18841012	524	11	SWAUGER	13127600	5	May 30, 2017	2.78	3.74	2.78	100.0%
18841012	603	1448	SWAUGER	13127600	5	May 30, 2017	0.80	1.08	0.80	100.0%

18841012	347	1141	SWAUGER	13127600	5	May 30, 2017	0.22	0.29	0.22	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 30, 2017	0.81	1.09	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 30, 2017	2.77	3.73	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	May 30, 2017	0.74	1.00	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 30, 2017	3.30	4.44	3.30	100.0%
18841012	190	418	SWAUGER	13127600	5	May 30, 2017	0.11	0.15	0.11	100.0%
18841012	347	1141	SHARP	13126500	6	May 29, 2017	0.84	0.84	0.84	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 30, 2017	0.79	1.06	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 30, 2017	1.65	2.22	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 30, 2017	2.00	2.69	2.00	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 30, 2017	1.10	1.48	1.10	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 30, 2017	0.61	0.82	0.61	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	May 31, 2017	1.72	2.32	1.72	100.0%
18850501	672	1629	Lower Eastside &	13132291	2	May 31, 2017	1.80	2.42	1.80	100.0%
18850501	672	1630	Lower Eastside &	13132291	2	May 31, 2017	0.20	0.27	0.20	100.0%
18850501	426	887	ARCO	13132365	2	May 31, 2017	0.56	1.15	0.56	100.0%
18850501	423	186	Lower Eastside &	13132291	2	May 31, 2017	0.26	0.35	0.26	100.0%
18850501	423	87	Lower Eastside &	13132291	2	May 31, 2017	0.20	0.27	0.20	100.0%
18850501	468	59	ARCO	13132365	2	May 31, 2017	0.74	1.52	0.74	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 28, 2017	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	May 28, 2017	0.50	0.50	0.50	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	May 31, 2017	0.20	0.27	0.20	100.0%
18850512	251	22	Upper Eastside &	13132101	2	May 31, 2017	1.04	1.40	1.04	100.0%
18850515	359	1034	MOORE	13132050	4	May 31, 2017	0.40	0.54	0.40	100.0%
18850530	282	1190	SUTTER	13128105	5	May 30, 2017	0.20	0.27	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	May 31, 2017	2.64	3.55	2.64	100.0%
18850531	63	1354	MOORE	13132050	4	May 31, 2017	1.12	1.51	1.12	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 30, 2017	3.20	4.31	3.20	100.0%
18850601	205	554	BECK	13130525	4	May 31, 2017	0.59	0.79	0.59	100.0%
18850601	15	859	MOORE	13132050	4	May 31, 2017	0.50	0.67	0.50	100.0%
18850601	212	315	DARLINGTON	13127735	5	May 30, 2017	0.94	1.27	0.94	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 30, 2017	2.60	3.50	2.60	100.0%
18850601	20	949	DARLINGTON	13127735	5	May 30, 2017	0.40	0.54	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	May 30, 2017	1.54	2.07	1.54	100.0%
18850601	280	1183	SHARP	13126500	6	May 29, 2017	1.16	1.16	1.16	100.0%
18850601	544	1184	SHARP	13126500	6	May 29, 2017	0.76	0.76	0.76	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 28, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 30, 2017	3.08	4.15	3.08	100.0%
18851002	370	1592	ARCO	13132365	2	May 31, 2017	1.16	2.39	1.16	100.0%
18851002	93	726	ARCO	13132365	2	May 31, 2017	0.50	1.03	0.50	100.0%
18851002	437	62	ARCO	13132365	2	May 31, 2017	1.54	3.17	1.54	100.0%
18851002	468	61	ARCO	13132365	2	May 31, 2017	3.60	7.40	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 29, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	May 31, 2017	4.82	6.49	4.82	100.0%
18860501	305	927	3IN1	13130605	4	May 31, 2017	0.86	1.16	0.86	100.0%
18860501	417	644	MOORE	13132050	4	May 31, 2017	1.20	1.62	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	May 31, 2017	2.80	3.77	2.80	100.0%
18860512	96	459	MOORE	13132050	4	May 31, 2017	0.48	0.65	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	May 31, 2017	0.18	0.24	0.18	100.0%
18860512	263	398	MOORE	13132050	4	May 31, 2017	0.18	0.24	0.18	100.0%
18860601	482	867	Upper Eastside &	13132101	2	May 31, 2017	1.24	1.67	1.24	100.0%
18860601	69	881	Upper Eastside &	13132101	2	May 31, 2017	1.60	2.15	1.60	100.0%
18860601	16	1009	MOORE	13132050	4	May 31, 2017	2.52	3.39	2.52	100.0%
18860601	339	1010	MOORE	13132050	4	May 31, 2017	0.68	0.92	0.68	100.0%
18860601	622	1517	BURNETT	13127750	5	May 30, 2017	1.60	2.15	1.60	100.0%
18860601	357	1288	BURNETT	13127750	5	May 30, 2017	1.60	2.15	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 29, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 29, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	May 31, 2017	0.96	1.29	0.96	100.0%
18860721	336	294	BURNETT	13127750	5	May 30, 2017	0.80	1.08	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 30, 2017	3.00	4.04	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	May 31, 2017	0.80	1.08	0.80	100.0%
18860901	256	758	MUNSEY	13132375	2	May 31, 2017	1.52	3.13	1.52	100.0%
18860901	165	1248	BURNETT	13127750	5	May 30, 2017	1.60	2.15	1.60	100.0%

18860901	605	955	Stoecklein 1	13124173	8	May 29, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 30, 2017	0.26	0.35	0.26	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	May 31, 2017	0.80	1.08	0.80	100.0%
18870313	459	338	MOORE	13132050	4	May 31, 2017	0.42	0.57	0.42	100.0%
18870313	70	337	MOORE	13132050	4	May 31, 2017	0.23	0.31	0.23	100.0%
18870313	433	683	MOORE	13132050	4	May 31, 2017	0.70	0.94	0.70	100.0%
18870313	73	202	BURNETT	13127750	5	May 30, 2017	0.65	0.88	0.65	100.0%
18870313	360	681	BURNETT	13127750	5	May 30, 2017	0.80	1.08	0.80	100.0%
18870313	73	201	BURNETT	13127750	5	May 30, 2017	1.05	1.41	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 28, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 29, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	May 31, 2017	3.20	6.58	3.20	100.0%
18870601	468	893	ARCO	13132365	2	May 31, 2017	1.34	2.76	1.34	100.0%
18870601	423	76	Lower Eastside &	13132291	2	May 31, 2017	0.22	0.30	0.22	100.0%
18870601	423	1028	Lower Eastside &	13132291	2	May 31, 2017	1.80	2.42	1.80	100.0%
18870601	305	1351	3IN1	13130605	4	May 31, 2017	1.00	1.35	1.00	100.0%
18870601	252	353	DARLINGTON	13127735	5	May 30, 2017	0.43	0.58	0.43	100.0%
18870601	73	196	BURNETT	13127750	5	May 30, 2017	0.69	0.93	0.69	100.0%
18870601	73	195	BURNETT	13127750	5	May 30, 2017	1.11	1.49	1.11	100.0%
18870601	139	845	BURNETT	13127750	5	May 30, 2017	0.42	0.57	0.42	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 29, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 29, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 28, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 28, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	May 31, 2017	0.80	1.08	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 30, 2017	0.80	1.08	0.80	100.0%
18870630	165	980	BURNETT	13127750	5	May 30, 2017	0.80	1.08	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 30, 2017	0.80	1.08	0.80	100.0%
18870701	423	102	Lower Eastside &	13132291	2	May 31, 2017	0.08	0.11	0.08	100.0%
18870801	119	1166	BURNETT	13127750	5	May 30, 2017	0.27	0.36	0.27	100.0%
18870801	623	1508	BURNETT	13127750	5	May 30, 2017	0.53	0.72	0.53	100.0%
18870801	73	189	BURNETT	13127750	5	May 30, 2017	0.62	0.83	0.62	100.0%
18870801	73	190	BURNETT	13127750	5	May 30, 2017	0.38	0.51	0.38	100.0%
18870831	119	1154	BURNETT	13127750	5	May 30, 2017	1.20	1.62	1.20	100.0%
18870831	623	1507	BURNETT	13127750	5	May 30, 2017	1.20	1.62	1.20	100.0%
18880601	427	669	ARCO	13132365	2	May 31, 2017	0.81	1.66	0.81	100.0%
18880601	437	670	ARCO	13132365	2	May 31, 2017	0.33	0.68	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 30, 2017	0.98	1.32	0.98	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 30, 2017	0.33	0.44	0.33	100.0%
18880601	347	1138	SHARP	13126500	6	May 29, 2017	1.27	1.27	1.27	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 29, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 28, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 28, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	May 27, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	May 31, 2017	0.44	0.59	0.44	100.0%
18880801	442	750	MUNSEY	13132375	2	May 31, 2017	0.40	0.82	0.40	100.0%
18890601	599	1552	MOORE	13132050	4	May 31, 2017	0.35	0.47	0.35	100.0%
18890601	652	1566	MOORE	13132050	4	May 31, 2017	0.50	0.67	0.50	100.0%
18890601	441	205	MOORE	13132050	4	May 31, 2017	0.97	1.31	0.97	100.0%
18890601	463	1396	MOORE	13132050	4	May 31, 2017	0.20	0.27	0.20	100.0%
18890601	623	1503	BURNETT	13127750	5	May 30, 2017	0.80	1.08	0.80	100.0%
18890601	589	716	BURNETT	13127750	5	May 30, 2017	2.70	3.63	2.70	100.0%
18890601	336	979	BURNETT	13127750	5	May 30, 2017	1.42	1.91	1.42	100.0%
18890601	475	969	BURNETT	13127750	5	May 30, 2017	1.20	1.62	1.20	100.0%
18890601	119	996	BURNETT	13127750	5	May 30, 2017	0.40	0.54	0.40	100.0%
18900601	372	886	ARCO	13132365	2	May 31, 2017	0.59	1.21	0.59	100.0%
18900601	416	591	3IN1	13130605	4	May 31, 2017	0.75	1.01	0.75	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 29, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 29, 2017	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 28, 2017	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 28, 2017	0.24	0.24	0.24	100.0%
18910630	205	555	BECK	13130525	4	May 31, 2017	0.53	0.71	0.53	100.0%
18910630	44	1253	MOORE	13132050	4	May 31, 2017	0.76	1.02	0.76	100.0%
18910630	2332	1254	MOORE	13132050	4	May 31, 2017	0.48	0.65	0.48	100.0%

18910630	2332	1255	MOORE	13132050	4	May 31, 2017	0.32	0.43	0.32	100.0%
18910630	44	1003	MOORE	13132050	4	May 31, 2017	0.76	1.02	0.76	100.0%
18910801	307	77	CHILLY	13121105	9	May 28, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 29, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 29, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	May 31, 2017	0.22	0.30	0.22	100.0%
18930323	77	688	MOORE	13132050	4	May 31, 2017	1.50	2.02	1.50	100.0%
18930323	77	366	MOORE	13132050	4	May 31, 2017	1.60	2.15	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 29, 2017	0.74	0.74	0.74	100.0%
18940310	475	989	BURNETT	13127750	5	May 30, 2017	0.44	0.59	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	May 30, 2017	0.86	1.16	0.86	100.0%
18940310	265	1223	BURNETT	13127750	5	May 30, 2017	2.80	3.77	2.80	100.0%
18940310	386	268	SUTTER	13128105	5	May 30, 2017	0.02	0.03	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 28, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 29, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	May 31, 2017	0.80	1.08	0.80	100.0%
18940531	5	776	MOORE	13132050	4	May 31, 2017	0.20	0.27	0.20	100.0%
18940531	77	800	MOORE	13132050	4	May 31, 2017	0.74	1.00	0.74	100.0%
18940601	482	1301	Upper Eastside &	13132101	2	May 31, 2017	0.60	0.81	0.60	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	May 31, 2017	2.64	3.55	2.64	100.0%
18940601	417	379	MOORE	13132050	4	May 31, 2017	0.15	0.20	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 30, 2017	0.11	0.15	0.11	100.0%
18940601	360	698	BURNETT	13127750	5	May 30, 2017	1.60	2.15	1.60	100.0%
18940601	390	408	SHARP	13126500	6	May 29, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 28, 2017	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	May 30, 2017	0.30	0.40	0.30	100.0%
18940926	381	866	DARLINGTON	13127735	5	May 30, 2017	0.38	0.51	0.38	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 30, 2017	1.10	1.48	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 28, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	May 31, 2017	0.80	1.08	0.80	100.0%
18950601	417	378	MOORE	13132050	4	May 31, 2017	0.10	0.13	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 30, 2017	1.38	1.86	1.38	100.0%
18950601	445	411	NEILSEN	13120805	9	May 28, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 28, 2017	0.18	0.18	0.18	100.0%
18950610	416	592	3IN1	13130605	4	May 31, 2017	2.25	3.03	2.25	100.0%
18950630	265	1224	BURNETT	13127750	5	May 30, 2017	2.10	2.83	2.10	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 29, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	May 31, 2017	1.47	1.98	1.47	100.0%
18960601	45	998	Lower Eastside &	13132291	2	May 31, 2017	0.22	0.30	0.22	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	May 31, 2017	0.04	0.05	0.04	100.0%
18960601	180	278	Upper Eastside &	13132101	2	May 31, 2017	0.41	0.55	0.41	100.0%
18960601	144	741	Lower Eastside &	13132291	2	May 31, 2017	0.70	0.94	0.70	100.0%
18960601	263	399	MOORE	13132050	4	May 31, 2017	0.27	0.36	0.27	100.0%
18960601	96	461	MOORE	13132050	4	May 31, 2017	0.13	0.18	0.13	100.0%
18960601	96	457	MOORE	13132050	4	May 31, 2017	0.92	1.24	0.92	100.0%
18960601	417	381	MOORE	13132050	4	May 31, 2017	2.40	3.23	2.40	100.0%
18960601	263	397	MOORE	13132050	4	May 31, 2017	0.35	0.47	0.35	100.0%
18960601	85	1521	MOORE	13132050	4	May 31, 2017	0.23	0.31	0.23	100.0%
18960601	652	1567	MOORE	13132050	4	May 31, 2017	0.34	0.46	0.34	100.0%
18960601	441	207	MOORE	13132050	4	May 31, 2017	1.00	1.35	1.00	100.0%
18960601	15	1106	MOORE	13132050	4	May 31, 2017	1.17	1.58	1.17	100.0%
18960601	459	993	MOORE	13132050	4	May 31, 2017	0.40	0.54	0.40	100.0%
18960601	339	1118	MOORE	13132050	4	May 31, 2017	1.57	2.11	1.57	100.0%
18960601	13	1119	MOORE	13132050	4	May 31, 2017	0.40	0.54	0.40	100.0%
18960601	463	128	MOORE	13132050	4	May 31, 2017	1.60	2.15	1.60	100.0%
18960601	85	1522	MOORE	13132050	4	May 31, 2017	0.16	0.22	0.16	100.0%
18960601	2334	1495	MOORE	13132050	4	May 31, 2017	2.40	3.23	2.40	100.0%
18960601	417	992	MOORE	13132050	4	May 31, 2017	1.20	1.62	1.20	100.0%
18960601	381	1180	DARLINGTON	13127735	5	May 30, 2017	1.15	1.55	1.15	100.0%
18960601	252	359	DARLINGTON	13127735	5	May 30, 2017	0.89	1.20	0.89	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 29, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	May 31, 2017	2.00	4.11	2.00	100.0%
18960801	280	1186	SHARP	13126500	6	May 29, 2017	0.10	0.10	0.10	100.0%
18960901	427	672	ARCO	13132365	2	May 31, 2017	0.32	0.66	0.32	100.0%

18960901	437	671	ARCO	13132365	2	May 31, 2017	0.13	0.27	0.13	100.0%
18960928	392	840	MUNSEY	13132375	2	May 31, 2017	4.40	9.05	4.40	100.0%
18960928	150	215	MUNSEY	13132375	2	May 31, 2017	1.97	4.05	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	May 31, 2017	0.03	0.06	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	May 31, 2017	0.46	0.95	0.46	100.0%
18970510	437	664	ARCO	13132365	2	May 31, 2017	1.74	3.58	1.74	100.0%
18970510	427	6	ARCO	13132365	2	May 31, 2017	4.29	8.81	4.29	100.0%
18970510	47	92	DARLINGTON	13127735	5	May 30, 2017	3.88	5.22	3.88	100.0%
18970510	411	674	DARLINGTON	13127735	5	May 30, 2017	1.99	2.68	1.99	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 30, 2017	3.44	4.63	1.02	29.7%
18970510	73	192	BURNETT	13127750	5	May 30, 2017	0.16	0.22	0.16	100.0%
18970510	73	191	BURNETT	13127750	5	May 30, 2017	0.92	1.24	0.92	100.0%
18970515	604	43	Lower Eastside &	13132291	2	May 31, 2017	1.34	1.81	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 28, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 30, 2017	3.20	4.31	3.20	100.0%
18970615	180	280	Upper Eastside &	13132101	2	May 31, 2017	0.13	0.18	0.13	100.0%
18970615	144	744	Lower Eastside &	13132291	2	May 31, 2017	0.24	0.32	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 29, 2017	2.40	2.40	2.40	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	May 31, 2017	0.65	0.88	0.65	100.0%
18980601	437	1310	ARCO	13132365	2	May 31, 2017	1.60	3.29	1.60	100.0%
18980601	483	1274	CHILLY	13121105	9	May 28, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 28, 2017	2.01	2.01	2.01	100.0%
18980901	268	562	ARCO	13132365	2	May 31, 2017	1.57	3.23	1.57	100.0%
18980901	122	821	ARCO	13132365	2	May 31, 2017	0.10	0.21	0.10	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 29, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 29, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	May 31, 2017	1.04	1.40	1.04	100.0%
18990327	604	41	Lower Eastside &	13132291	2	May 31, 2017	0.84	1.13	0.84	100.0%
18990327	180	468	Upper Eastside &	13132101	2	May 31, 2017	0.05	0.07	0.05	100.0%
18990327	604	437	Lower Eastside &	13132291	2	May 31, 2017	0.17	0.22	0.17	100.0%
18990327	459	1477	MOORE	13132050	4	May 31, 2017	0.01	0.01	0.01	100.0%
18990327	459	1090	MOORE	13132050	4	May 31, 2017	0.60	0.81	0.60	100.0%
18990327	433	272	MOORE	13132050	4	May 31, 2017	0.48	0.65	0.48	100.0%
18990501	427	934	ARCO	13132365	2	May 31, 2017	0.26	0.53	0.26	100.0%
18990509	442	1364	MUNSEY	13132375	2	May 31, 2017	2.80	5.76	2.80	100.0%
18990518	138	443	BURNETT	13127750	5	May 30, 2017	0.02	0.03	0.02	100.0%
18990518	151	1044	BURNETT	13127750	5	May 30, 2017	0.15	0.20	0.15	100.0%
18990601	201	705	SWAUGER	13127600	5	May 30, 2017	0.28	0.38	0.28	100.0%
18990601	165	982	BURNETT	13127750	5	May 30, 2017	0.80	1.08	0.80	100.0%
18990601	360	704	BURNETT	13127750	5	May 30, 2017	1.20	1.62	1.20	100.0%
18990601	490	981	BURNETT	13127750	5	May 30, 2017	0.80	1.08	0.80	100.0%
18990601	307	72	NEILSEN	13120805	9	May 28, 2017	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 28, 2017	0.60	0.60	0.60	100.0%
18990901	442	1374	MUNSEY	13132375	2	May 31, 2017	0.80	1.65	0.80	100.0%
19000323	77	44	MOORE	13132050	4	May 31, 2017	0.36	0.48	0.36	100.0%
19000601	386	270	SUTTER	13128105	5	May 30, 2017	0.08	0.11	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 28, 2017	6.40	6.40	6.40	100.0%
19010501	69	879	Upper Eastside &	13132101	2	May 31, 2017	0.04	0.05	0.04	100.0%
19010722	427	926	ARCO	13132365	2	May 31, 2017	1.09	2.24	1.09	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	May 29, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 29, 2017	3.20	3.20	3.20	100.0%
19010901	433	685	MOORE	13132050	4	May 31, 2017	0.50	0.67	0.50	100.0%
19010901	459	340	MOORE	13132050	4	May 31, 2017	0.23	0.31	0.23	100.0%
19010901	70	339	MOORE	13132050	4	May 31, 2017	0.10	0.13	0.10	100.0%
19010901	151	1039	BURNETT	13127750	5	May 30, 2017	0.02	0.03	0.02	100.0%
19010901	138	439	BURNETT	13127750	5	May 30, 2017	0.02	0.03	0.02	100.0%
19011001	263	396	MOORE	13132050	4	May 31, 2017	0.14	0.19	0.14	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 28, 2017	2.60	2.60	2.60	100.0%
19020115	392	765	MUNSEY	13132375	2	May 31, 2017	0.20	0.41	0.20	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	May 31, 2017	0.20	0.27	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	May 31, 2017	0.31	0.41	0.31	100.0%
19020301	15	81	MOORE	13132050	4	May 31, 2017	0.24	0.33	0.24	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 29, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 28, 2017	0.90	0.90	0.90	100.0%

19020301	609	1492	CHILLY	13121105	9	May 28, 2017	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	May 28, 2017	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	May 28, 2017	3.20	3.20	3.20	100.0%
19020301	307	676	CHILLY	13121105	9	May 28, 2017	3.85	3.85	3.85	100.0%
19020301	483	1500	CHILLY	13121105	9	May 28, 2017	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	May 28, 2017	0.80	0.80	0.80	100.0%
19020301	307	834	CHILLY	13121105	9	May 28, 2017	2.40	2.40	2.40	100.0%
19020304	129	1062	CHILLY	13121105	9	May 28, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 28, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 28, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	May 31, 2017	1.40	1.88	1.40	100.0%
19020501	310	631	CHILLY	13121105	9	May 28, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 27, 2017	0.62	0.62	0.62	100.0%
19020601	16	1014	MOORE	13132050	4	May 31, 2017	0.92	1.24	0.92	100.0%
19020601	339	1015	MOORE	13132050	4	May 31, 2017	0.66	0.89	0.66	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 29, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 28, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 28, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 29, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 29, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	May 31, 2017	1.46	1.97	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	May 30, 2017	0.08	0.11	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 30, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	May 28, 2017	1.40	1.40	1.40	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 29, 2017	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 29, 2017	0.02	0.02	0.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 29, 2017	0.13	0.13	0.13	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 28, 2017	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 28, 2017	0.62	0.62	0.62	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 28, 2017	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 28, 2017	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	May 28, 2017	1.30	1.30	1.30	100.0%
19050501	403	811	NEILSEN	13120805	9	May 28, 2017	0.30	0.30	0.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 28, 2017	3.00	3.00	3.00	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 28, 2017	0.40	0.40	0.40	100.0%
19050501	255	402	NEILSEN	13120805	9	May 28, 2017	0.50	0.50	0.50	100.0%
19050501	364	629	CHILLY	13121105	9	May 28, 2017	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	May 28, 2017	0.58	0.58	0.58	100.0%
19050501	129	1063	CHILLY	13121105	9	May 28, 2017	0.80	0.80	0.80	100.0%
19050501	310	115	CHILLY	13121105	9	May 28, 2017	1.90	1.90	1.90	100.0%
19050501	364	690	CHILLY	13121105	9	May 28, 2017	1.10	1.10	1.10	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 28, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 27, 2017	2.58	2.58	2.58	100.0%
19060501	185	392	Upper Eastside &	13132101	2	May 31, 2017	0.19	0.26	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	May 28, 2017	0.50	0.50	0.50	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 28, 2017	1.08	1.08	1.08	100.0%
19070501	358	321	NEILSEN	13120805	9	May 28, 2017	1.52	1.52	1.52	100.0%
19070501	575	322	NEILSEN	13120805	9	May 28, 2017	1.48	1.48	1.48	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 28, 2017	1.30	1.30	1.30	100.0%
19080401	314	73	NEILSEN	13120805	9	May 28, 2017	2.04	2.04	2.04	100.0%
19080401	483	848	LONGHURST	13121505	9	May 28, 2017	2.10	2.10	2.10	100.0%
19080715	364	692	CHILLY	13121105	9	May 28, 2017	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	May 31, 2017	0.33	0.44	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 29, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 29, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 28, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 28, 2017	0.80	0.80	0.80	100.0%
19120227	364	954	CHILLY	13121105	9	May 28, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 29, 2017	1.20	1.20	1.20	100.0%
19120401	483	13	LONGHURST	13121505	9	May 28, 2017	1.71	1.71	1.71	100.0%
19120501	310	632	CHILLY	13121105	9	May 28, 2017	0.80	0.80	0.80	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 28, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 28, 2017	0.03	0.03	0.03	100.0%
19121014	403	813	NEILSEN	13120805	9	May 28, 2017	2.10	2.10	2.10	100.0%

19121014	403	1197	NEILSEN	13120805	9	May 28, 2017	2.40	2.40	2.40	100.0%
19121014	130	75	NEILSEN	13120805	9	May 28, 2017	1.70	1.70	1.70	100.0%
19131206	575	1379	NEILSEN	13120805	9	May 28, 2017	1.72	1.72	1.72	100.0%
19131224	373	25	CHILLY	13121105	9	May 28, 2017	1.60	1.60	1.60	100.0%
19140601	445	412	NEILSEN	13120805	9	May 28, 2017	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	May 28, 2017	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	May 28, 2017	0.59	0.59	0.59	100.0%
19150504	310	636	CHILLY	13121105	9	May 28, 2017	0.42	0.42	0.42	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 28, 2017	1.58	1.58	1.58	100.0%
19160501	373	26	CHILLY	13121105	9	May 28, 2017	0.41	0.41	0.41	100.0%
19160501	310	634	CHILLY	13121105	9	May 28, 2017	0.80	0.80	0.80	100.0%
19160501	129	633	CHILLY	13121105	9	May 28, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 29, 2017	1.36	1.36	1.36	100.0%
19170620	307	71	NEILSEN	13120805	9	May 28, 2017	0.80	0.80	0.80	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 29, 2017	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	May 31, 2017	0.79	1.62	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	May 31, 2017	0.01	0.02	0.01	100.0%
19240806	417	695	MOORE	13132050	4	May 31, 2017	0.50	0.67	0.50	100.0%
19440508	437	737	ARCO	13132365	2	May 31, 2017	0.34	0.70	0.34	100.0%
19540821	2526	717	MUNSEY	13132375	2	May 31, 2017	1.20	2.47	1.20	100.0%
19600824	185	390	Upper Eastside &	13132101	2	May 31, 2017	0.11	0.15	0.11	100.0%
19740402	150	220	MUNSEY	13132375	2	May 31, 2017	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	May 31, 2017	4.40	9.05	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	May 31, 2017	15.16	31.17	15.16	100.0%
19770529	327	176	MUNSEY	13132375	2	May 31, 2017	0.66	1.36	0.66	100.0%
19950203	476	1272	3IN1	13130605	4	May 31, 2017	14.10	18.98	14.10	100.0%
19950203	476	1272	MOORE	13132050	4	May 31, 2017	6.26	8.43	6.26	100.0%
19950411	476	1273	BURNETT	13127750	5	May 30, 2017	19.06	25.66	19.06	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 28, 2017	4.00	4.00	4.00	100.0%
19950411	476	1273	CHILLY	13121105	9	May 28, 2017	10.00	10.00	10.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 29, 2017	10000.00	10000.00	1114.22	11.1%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 28	1490.0	4.8		1494.8	0.00	1494.8	4.8	0.0		1490.0	0.0	
9	Howell to Chilly	May 29	0.0	157.5		-1332.5	0.89	162.3	142.7	14.8		14.8	-14.8	
8	Chilly to Reservoir	* May 30	1692.8	67.2		1760.0	0.00	1922.3	65.0	2.2		1709.8	-17.0	
	Disconnected													
7	Mackay Reservoir	* May 30	1014.0	0.0		1692.8	0.00	1848.3	1428.5			419.8		
6	Reservoir to 2B	May 30	1000.0	14.0		0.0	0.00	1838.8	9.5	4.5		410.3	589.7	
5	2B to Leslie	May 31	714.0	187.0		-99.0	0.10	1679.2	119.0	68.0		250.7	463.3	
4	Leslie to Eastside In	Jun 1	682.5	187.0		155.5	0.00	1569.5	109.7	77.3		141.0	541.5	
2a	Eastside In To Weirs	* Jun 1	539.0	19.1	0.0	-124.4	0.18	1525.8	18.0	1.1		97.3	441.7	0.0
2b	Weirs To Eastside Out	* Jun 1	395.3	13.7	0.0	-130.0	0.24	1490.9	11.4	2.3		62.5	332.8	0.0
2c	Eastside Out To Blw Muns	* Jun 1	303.9	91.4	0.0	0.0	0.00	1428.5	62.5	28.9	0.0	0.0	303.9	0.0
1	Blw Munsey to Arco	Jun 1	197.0	0.0		-106.9	0.35	1419.2	0.0	0.0		0.0	303.9	
3	River blw Moore Div	Jun 1	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
* - Indicates flow estimated, not measured							TOTAL		1971.0	199.2	0.0			

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 28	0.0		20090101	14%	1	18800630	3.2	556.5	190.4	
9	Howell to Chilly	May 29	-1332.5		20090101	14%	2	18810630	1.7	294.0	101.2	
8	Chilly to Reservoir	May 30	0.0		20090101	14%	3	18880601	3.2	556.5	190.4	
	Disconnected						4	18960601	6.4	1113.0	380.8	
7	Mackay Reservoir	May 30	0.0		20090101	14%	5	19020301	0.8	140.0	47.6	
6	Reservoir to 2B	May 30	0.0	0.0	20090101	14%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	May 31	-40.6	-58.4	20090101	14%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	Jun 1	0.0	0.0	20090101	14%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	Jun 1	-25.7	-98.7	0.0	20090101	14%	9	Add Vol	Unlimited	200000.0	88670.3
2b	Weirs To Eastside Out	Jun 1	-23.5	-106.5	0.0	20090101	14%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	Jun 1	0.0	0.0	0.0	20090101	14%		TOTAL		296511.0	133431.7
1	Blw Munsey to Arco	Jun 1	0.0	-303.9	0.0	20090101	14%					
3	River blw Moore Div	Jun 1	0.0	0.0		20090101	14%					
TOTAL			-1422.3	-565.9	0.0							

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
22120.0	23450.0		1330.0	670.5	8.3	330.0	183.8	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	64731.7
Total Storage Loss	-47669.5
Total Storage Deliver	-9690.0
Total Evaporation	-403.0
Accounting Balance	<u>23449.2</u>
Current Res Content	23450.0
Storage Balance Error	-0.8

DAILY STORAGE BALANCE

22120.0 Reservoir Content Previous Day [ac-ft]
23450.0 Reservoir Content Current Day [ac-ft]
1330.0 Physical Change in Storage [ac-ft]

2833.4 Storage Allocated to Mackay Reservoir [ac-ft]
-1122.5 Stored Flow Losses [ac-ft]
-58.4 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-507.5 Eastside [cfs]
0.0 River blw Moore [cfs]
-364.6 Storage Delivered [ac-ft]
4.5 Reservoir to 2B [cfs]
68.0 2B to Leslie [cfs]
77.3 Leslie to Moore [cfs]
34.0 Eastside to blw Munsey [cfs]
-16.4 Evaporation [ac-ft]
1329.9 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

1848.3 Natural Flow into Mackay Reservoir [cfs]

1428.5 Reservoir Rights Diverted [cfs]
78.8 Natural Flow Losses below Reservoir [cfs]
-40.6 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-38.2 Eastside as River [cfs]
341.0 Natural Flow Delivered [cfs]
9.5 Reservoir to 2B [cfs]
119.0 2B to Leslie [cfs]
109.7 Leslie to Moore [cfs]
102.8 Eastside to blw Munsey [cfs]
1848.3 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	682.5			19.1	-4.3	269.5	269.5	-124.4	18.2%	539.0
Natural Flow	141.0			18.0	-4.0			-25.7		97.3
Stored Flow	541.5			1.1	-0.2			-98.7		441.7
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	269.5	269.5		13.7	-8.4	395.3	-130.0	24.1%	-241.8
Natural Flow				11.4	-7.0	62.5	-23.5		-38.2
Stored Flow				2.3	-1.4	332.8	-106.5		-203.6
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	395.3	91.4	303.9	
Natural Flow	62.5	62.5	0.0	
Stored Flow	332.8	28.9	303.9	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
	Gage #	13132060	13132060		
Actual Flow	45.4	637.1	18.1	520.9	395.3
Natural Flow	40.3	100.7	15.0	82.3	62.5
Stored Flow	5.1	536.4	3.0	438.6	332.8
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	14.0	4.5	147.0
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	32.0	13.4	420.9
9 BITTON	0.0	0.0	69.4	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.0	6.0	237.0	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	27.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	192.4	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	96.0	27.7	1461.4
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	1440.3
9 NEILSEN	50.5	4.4	223.4	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	0.0	11.9	5 SUTTER	6.0	2.6	116.9
9 CHILLY	65.0	0.4	220.6	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	13.0	7.2	598.5
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	0.0	269.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	4.8	4 3IN1	24.0	5.0	314.7
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	150.0	65.0	2992.2
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	140.4	2 EASTSIDE FHDiv	45.4	5.1	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	7.0	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	45.0	332.8	25661.1
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.2	0.0	0.0	2 MUNSEY	46.4	332.8	25661.1
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.3	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	1.3	43.3	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 29, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	May 29, 2017	4.36	4.36	4.36	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 30, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 30, 2017	0.01	0.01	0.01	100.0%
18800601	370	530	ARCO	13132365	2	Jun 01, 2017	0.15	0.27	0.15	100.0%
18800601	93	723	ARCO	13132365	2	Jun 01, 2017	0.04	0.07	0.04	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 30, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 30, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 30, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 30, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 30, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 29, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 30, 2017	3.00	3.00	3.00	100.0%
18830601	224	854	MOORE	13132050	4	Jun 01, 2017	2.78	3.09	2.78	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 01, 2017	1.16	1.29	1.16	100.0%
18830601	645	464	MOORE	13132050	4	Jun 01, 2017	0.11	0.12	0.11	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 01, 2017	0.79	0.88	0.79	100.0%
18830601	22	1083	MOORE	13132050	4	Jun 01, 2017	0.06	0.07	0.06	100.0%
18830810	192	1109	Upper Eastside &	13132101	2	Jun 01, 2017	0.21	0.24	0.21	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	Jun 01, 2017	0.43	0.48	0.43	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	Jun 01, 2017	0.21	0.24	0.21	100.0%
18830810	263	393	MOORE	13132050	4	Jun 01, 2017	0.18	0.20	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 01, 2017	0.18	0.20	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 01, 2017	0.48	0.53	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	Jun 01, 2017	1.50	1.66	1.50	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	May 31, 2017	0.68	0.75	0.68	100.0%
18840422	236	30	BECK	13130525	4	Jun 01, 2017	1.64	1.82	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 01, 2017	0.14	0.16	0.14	100.0%
18840422	201	83	SWAUGER	13127600	5	May 31, 2017	1.12	1.24	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	May 31, 2017	0.07	0.08	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	May 31, 2017	0.77	0.86	0.77	100.0%
18840422	585	951	SWAUGER	13127600	5	May 31, 2017	0.18	0.20	0.18	100.0%
18840422	139	1293	DARLINGTON	13127735	5	May 31, 2017	0.20	0.22	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	May 31, 2017	1.44	1.60	1.44	100.0%
18840422	381	134	DARLINGTON	13127735	5	May 31, 2017	0.96	1.07	0.96	100.0%
18840422	338	579	DARLINGTON	13127735	5	May 31, 2017	0.55	0.61	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	May 31, 2017	1.63	1.81	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	May 31, 2017	2.17	2.41	2.17	100.0%
18840422	360	133	BURNETT	13127750	5	May 31, 2017	2.00	2.22	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	May 31, 2017	1.92	2.13	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	May 31, 2017	0.50	0.55	0.50	100.0%
18840422	347	938	SHARP	13126500	6	May 30, 2017	3.18	3.18	3.18	100.0%
18840422	632	1539	SHARP	13126500	6	May 30, 2017	0.12	0.12	0.12	100.0%
18840422	397	10	SHARP	13126500	6	May 30, 2017	0.12	0.12	0.12	100.0%
18840422	544	1067	SHARP	13126500	6	May 30, 2017	1.00	1.00	1.00	100.0%
18840422	24	120	SHARP	13126500	6	May 30, 2017	0.08	0.08	0.08	100.0%
18840422	2525	407	SHARP	13126500	6	May 30, 2017	0.08	0.08	0.08	100.0%
18840422	390	406	SHARP	13126500	6	May 30, 2017	0.09	0.09	0.09	100.0%
18840422	103	1289	SHARP	13126500	6	May 30, 2017	0.64	0.64	0.64	100.0%
18840430	360	67	BURNETT	13127750	5	May 31, 2017	0.10	0.11	0.10	100.0%
18840430	73	194	BURNETT	13127750	5	May 31, 2017	0.77	0.85	0.77	100.0%
18840430	139	1368	BURNETT	13127750	5	May 31, 2017	0.80	0.89	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	May 31, 2017	0.40	0.44	0.40	100.0%
18840430	623	1519	BURNETT	13127750	5	May 31, 2017	0.40	0.44	0.40	100.0%
18840430	73	193	BURNETT	13127750	5	May 31, 2017	1.23	1.37	1.23	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 30, 2017	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 30, 2017	1.80	1.80	1.80	100.0%
18840520	604	436	Lower Eastside &	13132291	2	Jun 01, 2017	1.15	1.28	1.15	100.0%
18840520	187	16	Lower Eastside &	13132291	2	Jun 01, 2017	0.16	0.18	0.16	100.0%

18840520	180	470	Upper Eastside &	13132101	2	Jun 01, 2017	0.16	0.18	0.16	100.0%
18840520	251	796	Upper Eastside &	13132101	2	Jun 01, 2017	0.80	0.89	0.80	100.0%
18840520	645	462	MOORE	13132050	4	Jun 01, 2017	0.27	0.30	0.27	100.0%
18840520	219	547	MOORE	13132050	4	Jun 01, 2017	1.10	1.22	1.10	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 01, 2017	0.22	0.24	0.22	100.0%
18840520	2332	752	MOORE	13132050	4	Jun 01, 2017	0.36	0.40	0.36	100.0%
18840520	459	797	MOORE	13132050	4	Jun 01, 2017	1.20	1.33	1.20	100.0%
18840520	2335	265	MOORE	13132050	4	Jun 01, 2017	0.84	0.93	0.84	100.0%
18840520	433	271	MOORE	13132050	4	Jun 01, 2017	0.54	0.60	0.54	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 01, 2017	0.01	0.01	0.01	100.0%
18840520	263	394	MOORE	13132050	4	Jun 01, 2017	0.22	0.24	0.22	100.0%
18840520	427	1	MOORE	13132050	4	Jun 01, 2017	0.80	0.89	0.80	100.0%
18840520	66	266	MOORE	13132050	4	Jun 01, 2017	0.02	0.02	0.02	100.0%
18840520	2332	753	MOORE	13132050	4	Jun 01, 2017	0.42	0.47	0.42	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 01, 2017	0.98	1.09	0.98	100.0%
18840520	96	451	MOORE	13132050	4	Jun 01, 2017	0.58	0.64	0.58	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 01, 2017	1.35	1.50	1.35	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 01, 2017	2.24	2.49	2.24	100.0%
18840520	340	816	MOORE	13132050	4	Jun 01, 2017	0.28	0.31	0.28	100.0%
18840531	338	122	DARLINGTON	13127735	5	May 31, 2017	0.72	0.80	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 01, 2017	1.28	1.42	1.28	100.0%
18840601	96	453	MOORE	13132050	4	Jun 01, 2017	0.21	0.23	0.21	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 01, 2017	0.08	0.09	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 01, 2017	0.54	0.60	0.54	100.0%
18840601	263	395	MOORE	13132050	4	Jun 01, 2017	0.08	0.09	0.08	100.0%
18840601	15	131	MOORE	13132050	4	Jun 01, 2017	0.37	0.41	0.37	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 01, 2017	0.09	0.10	0.09	100.0%
18840601	297	712	BURNETT	13127750	5	May 31, 2017	0.80	0.89	0.80	100.0%
18840601	623	1493	BURNETT	13127750	5	May 31, 2017	0.20	0.22	0.20	100.0%
18840601	73	199	BURNETT	13127750	5	May 31, 2017	0.37	0.41	0.37	100.0%
18840601	623	1505	BURNETT	13127750	5	May 31, 2017	0.40	0.44	0.40	100.0%
18840601	151	1042	BURNETT	13127750	5	May 31, 2017	0.23	0.26	0.23	100.0%
18840601	138	441	BURNETT	13127750	5	May 31, 2017	0.04	0.04	0.04	100.0%
18840601	623	1504	BURNETT	13127750	5	May 31, 2017	0.27	0.30	0.27	100.0%
18840601	139	711	BURNETT	13127750	5	May 31, 2017	0.80	0.89	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	May 31, 2017	0.73	0.81	0.73	100.0%
18840601	73	200	BURNETT	13127750	5	May 31, 2017	0.23	0.26	0.23	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 30, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 29, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 29, 2017	0.40	0.40	0.40	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 01, 2017	0.80	0.89	0.80	100.0%
18840715	115	323	MOORE	13132050	4	Jun 01, 2017	0.74	0.82	0.74	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 01, 2017	1.20	1.33	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 01, 2017	0.74	0.82	0.74	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 01, 2017	1.20	1.33	1.20	100.0%
18840715	15	799	MOORE	13132050	4	Jun 01, 2017	0.80	0.89	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Jun 01, 2017	0.80	0.89	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 01, 2017	0.80	0.89	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	Jun 01, 2017	0.20	0.22	0.20	100.0%
18840831	251	773	Upper Eastside &	13132101	2	Jun 01, 2017	0.50	0.55	0.50	100.0%
18840831	192	772	Upper Eastside &	13132101	2	Jun 01, 2017	0.40	0.44	0.40	100.0%
18840831	180	276	Upper Eastside &	13132101	2	Jun 01, 2017	1.31	1.45	1.31	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	Jun 01, 2017	0.44	0.49	0.44	100.0%
18840831	638	772	Upper Eastside &	13132101	2	Jun 01, 2017	0.40	0.44	0.40	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 01, 2017	3.20	3.55	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 30, 2017	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	May 31, 2017	0.40	0.44	0.40	100.0%
18840914	623	1494	BURNETT	13127750	5	May 31, 2017	0.40	0.44	0.40	100.0%
18841012	205	557	BECK	13130525	4	Jun 01, 2017	1.76	1.95	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 01, 2017	1.25	1.39	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jun 01, 2017	0.31	0.34	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jun 01, 2017	0.58	0.64	0.58	100.0%
18841012	317	385	SWAUGER	13127600	5	May 31, 2017	0.74	0.82	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	May 31, 2017	2.77	3.07	2.77	100.0%

18841012	603	1448	SWAUGER	13127600	5	May 31, 2017	0.80	0.89	0.80	100.0%
18841012	347	1141	SWAUGER	13127600	5	May 31, 2017	0.21	0.23	0.21	100.0%
18841012	317	1485	SWAUGER	13127600	5	May 31, 2017	0.81	0.90	0.81	100.0%
18841012	314	1444	SWAUGER	13127600	5	May 31, 2017	3.30	3.66	3.30	100.0%
18841012	190	418	SWAUGER	13127600	5	May 31, 2017	0.11	0.12	0.11	100.0%
18841012	524	11	SWAUGER	13127600	5	May 31, 2017	2.78	3.09	2.78	100.0%
18841012	347	1141	SHARP	13126500	6	May 30, 2017	0.84	0.84	0.84	100.0%
18850218	47	1383	DARLINGTON	13127735	5	May 31, 2017	2.00	2.22	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	May 31, 2017	0.61	0.68	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	May 31, 2017	1.65	1.83	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	May 31, 2017	0.79	0.88	0.79	100.0%
18850218	660	1654	DARLINGTON	13127735	5	May 31, 2017	1.10	1.22	1.10	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	Jun 01, 2017	1.82	2.02	1.82	100.0%
18850501	672	1630	Lower Eastside &	13132291	2	Jun 01, 2017	0.20	0.22	0.20	100.0%
18850501	672	1629	Lower Eastside &	13132291	2	Jun 01, 2017	1.80	2.00	1.80	100.0%
18850501	423	87	Lower Eastside &	13132291	2	Jun 01, 2017	0.20	0.22	0.20	100.0%
18850501	423	186	Lower Eastside &	13132291	2	Jun 01, 2017	0.26	0.29	0.26	100.0%
18850501	426	887	ARCO	13132365	2	Jun 01, 2017	0.50	0.89	0.50	100.0%
18850501	468	59	ARCO	13132365	2	Jun 01, 2017	0.74	1.32	0.74	100.0%
18850501	255	401	NEILSEN	13120805	9	May 29, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 29, 2017	2.80	2.80	2.80	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	Jun 01, 2017	0.20	0.22	0.20	100.0%
18850512	192	1399	Upper Eastside &	13132101	2	Jun 01, 2017	0.20	0.22	0.20	100.0%
18850512	251	22	Upper Eastside &	13132101	2	Jun 01, 2017	1.20	1.33	1.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 01, 2017	1.50	1.66	1.50	100.0%
18850530	282	1190	SUTTER	13128105	5	May 31, 2017	0.20	0.22	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	Jun 01, 2017	2.80	3.11	2.80	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 01, 2017	1.10	1.22	1.10	100.0%
18850531	411	827	DARLINGTON	13127735	5	May 31, 2017	3.20	3.55	3.20	100.0%
18850601	205	554	BECK	13130525	4	Jun 01, 2017	0.59	0.65	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Jun 01, 2017	0.50	0.55	0.50	100.0%
18850601	212	315	DARLINGTON	13127735	5	May 31, 2017	0.94	1.04	0.94	100.0%
18850601	139	728	DARLINGTON	13127735	5	May 31, 2017	2.60	2.89	2.60	100.0%
18850601	20	949	DARLINGTON	13127735	5	May 31, 2017	0.40	0.44	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	May 31, 2017	1.54	1.71	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	May 30, 2017	0.76	0.76	0.76	100.0%
18850601	280	1183	SHARP	13126500	6	May 30, 2017	1.16	1.16	1.16	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 29, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	May 31, 2017	3.08	3.42	3.08	100.0%
18851002	93	726	ARCO	13132365	2	Jun 01, 2017	0.50	0.89	0.50	100.0%
18851002	468	61	ARCO	13132365	2	Jun 01, 2017	3.60	6.44	3.60	100.0%
18851002	370	1592	ARCO	13132365	2	Jun 01, 2017	1.16	2.07	1.16	100.0%
18851002	437	62	ARCO	13132365	2	Jun 01, 2017	1.54	2.75	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 30, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	Jun 01, 2017	5.12	5.68	5.12	100.0%
18860501	305	927	3IN1	13130605	4	Jun 01, 2017	0.86	0.96	0.86	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 01, 2017	2.80	3.11	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 01, 2017	1.20	1.33	1.20	100.0%
18860512	634	1543	Upper Eastside &	13132101	2	Jun 01, 2017	0.07	0.08	0.07	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 01, 2017	0.18	0.20	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Jun 01, 2017	0.18	0.20	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 01, 2017	0.48	0.53	0.48	100.0%
18860601	69	881	Upper Eastside &	13132101	2	Jun 01, 2017	1.60	1.78	1.60	100.0%
18860601	482	867	Upper Eastside &	13132101	2	Jun 01, 2017	1.24	1.38	1.24	100.0%
18860601	16	1009	MOORE	13132050	4	Jun 01, 2017	2.52	2.80	2.52	100.0%
18860601	339	1010	MOORE	13132050	4	Jun 01, 2017	0.68	0.75	0.68	100.0%
18860601	357	1288	BURNETT	13127750	5	May 31, 2017	1.60	1.78	1.60	100.0%
18860601	622	1517	BURNETT	13127750	5	May 31, 2017	1.60	1.78	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 30, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 30, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	Jun 01, 2017	1.02	1.13	1.02	100.0%
18860721	336	294	BURNETT	13127750	5	May 31, 2017	0.80	0.89	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	May 31, 2017	3.00	3.33	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	Jun 01, 2017	0.84	0.93	0.84	100.0%

18860901	256	758	MUNSEY	13132375	2	Jun 01, 2017	1.66	2.97	1.66	100.0%
18860901	165	1248	BURNETT	13127750	5	May 31, 2017	1.60	1.78	1.60	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 30, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	May 31, 2017	0.04	0.04	0.04	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	Jun 01, 2017	0.80	0.89	0.80	100.0%
18870313	70	337	MOORE	13132050	4	Jun 01, 2017	0.23	0.26	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jun 01, 2017	0.70	0.78	0.70	100.0%
18870313	459	338	MOORE	13132050	4	Jun 01, 2017	0.42	0.47	0.42	100.0%
18870313	73	202	BURNETT	13127750	5	May 31, 2017	0.65	0.72	0.65	100.0%
18870313	73	201	BURNETT	13127750	5	May 31, 2017	1.05	1.17	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 29, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 30, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 01, 2017	3.20	5.72	3.20	100.0%
18870601	468	893	ARCO	13132365	2	Jun 01, 2017	0.34	0.61	0.34	100.0%
18870601	423	1028	Lower Eastside &	13132291	2	Jun 01, 2017	1.60	1.78	1.60	100.0%
18870601	423	76	Lower Eastside &	13132291	2	Jun 01, 2017	0.22	0.24	0.22	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 01, 2017	1.00	1.11	1.00	100.0%
18870601	252	353	DARLINGTON	13127735	5	May 31, 2017	0.43	0.48	0.43	100.0%
18870601	139	845	BURNETT	13127750	5	May 31, 2017	0.34	0.38	0.34	100.0%
18870601	73	196	BURNETT	13127750	5	May 31, 2017	0.69	0.77	0.69	100.0%
18870601	73	195	BURNETT	13127750	5	May 31, 2017	1.11	1.23	1.11	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 30, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 30, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 29, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 29, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	Jun 01, 2017	0.80	0.89	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	May 31, 2017	0.80	0.89	0.80	100.0%
18870630	165	980	BURNETT	13127750	5	May 31, 2017	0.80	0.89	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	May 31, 2017	0.80	0.89	0.80	100.0%
18870801	73	190	BURNETT	13127750	5	May 31, 2017	0.38	0.42	0.38	100.0%
18870801	73	189	BURNETT	13127750	5	May 31, 2017	0.62	0.69	0.62	100.0%
18870801	119	1166	BURNETT	13127750	5	May 31, 2017	0.27	0.30	0.27	100.0%
18870801	623	1508	BURNETT	13127750	5	May 31, 2017	0.53	0.59	0.53	100.0%
18870831	623	1507	BURNETT	13127750	5	May 31, 2017	1.20	1.33	1.20	100.0%
18870831	119	1154	BURNETT	13127750	5	May 31, 2017	1.20	1.33	1.20	100.0%
18880601	437	670	ARCO	13132365	2	Jun 01, 2017	0.33	0.59	0.33	100.0%
18880601	427	669	ARCO	13132365	2	Jun 01, 2017	0.81	1.44	0.81	100.0%
18880601	201	1139	SWAUGER	13127600	5	May 31, 2017	0.98	1.09	0.98	100.0%
18880601	347	1138	SWAUGER	13127600	5	May 31, 2017	0.31	0.34	0.31	100.0%
18880601	347	1138	SHARP	13126500	6	May 30, 2017	1.27	1.27	1.27	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 30, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 29, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 29, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	May 28, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	Jun 01, 2017	0.44	0.49	0.44	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 01, 2017	0.40	0.72	0.40	100.0%
18890601	599	1552	MOORE	13132050	4	Jun 01, 2017	0.35	0.39	0.35	100.0%
18890601	441	205	MOORE	13132050	4	Jun 01, 2017	0.97	1.08	0.97	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 01, 2017	0.50	0.55	0.50	100.0%
18890601	463	1396	MOORE	13132050	4	Jun 01, 2017	0.20	0.22	0.20	100.0%
18890601	119	996	BURNETT	13127750	5	May 31, 2017	0.40	0.44	0.40	100.0%
18890601	475	969	BURNETT	13127750	5	May 31, 2017	1.20	1.33	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	May 31, 2017	1.34	1.49	1.34	100.0%
18890601	623	1503	BURNETT	13127750	5	May 31, 2017	0.80	0.89	0.80	100.0%
18890601	589	716	BURNETT	13127750	5	May 31, 2017	2.70	3.00	2.70	100.0%
18900601	372	886	ARCO	13132365	2	Jun 01, 2017	0.59	1.06	0.59	100.0%
18900601	416	591	3IN1	13130605	4	Jun 01, 2017	0.75	0.83	0.75	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 30, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 30, 2017	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 29, 2017	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 29, 2017	1.76	1.76	1.76	100.0%
18910630	205	555	BECK	13130525	4	Jun 01, 2017	0.53	0.59	0.53	100.0%
18910630	44	1003	MOORE	13132050	4	Jun 01, 2017	0.76	0.84	0.76	100.0%
18910630	2332	1255	MOORE	13132050	4	Jun 01, 2017	0.28	0.31	0.28	100.0%

18910630	44	1253	MOORE	13132050	4	Jun 01, 2017	0.72	0.80	0.72	100.0%
18910630	2332	1254	MOORE	13132050	4	Jun 01, 2017	0.48	0.53	0.48	100.0%
18910801	307	77	CHILLY	13121105	9	May 29, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 30, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 30, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jun 01, 2017	0.22	0.24	0.22	100.0%
18930323	77	366	MOORE	13132050	4	Jun 01, 2017	1.60	1.78	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 01, 2017	1.50	1.66	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 30, 2017	0.74	0.74	0.74	100.0%
18940310	357	15	BURNETT	13127750	5	May 31, 2017	0.76	0.84	0.76	100.0%
18940310	265	1223	BURNETT	13127750	5	May 31, 2017	2.80	3.11	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	May 31, 2017	0.44	0.49	0.44	100.0%
18940310	386	268	SUTTER	13128105	5	May 31, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 29, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	May 30, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jun 01, 2017	0.80	0.89	0.80	100.0%
18940531	77	800	MOORE	13132050	4	Jun 01, 2017	0.74	0.82	0.74	100.0%
18940531	5	776	MOORE	13132050	4	Jun 01, 2017	0.20	0.22	0.20	100.0%
18940601	482	1301	Upper Eastside &	13132101	2	Jun 01, 2017	0.72	0.80	0.72	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	Jun 01, 2017	2.88	3.20	2.88	100.0%
18940601	417	379	MOORE	13132050	4	Jun 01, 2017	0.15	0.17	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	May 31, 2017	0.11	0.12	0.11	100.0%
18940601	390	408	SHARP	13126500	6	May 30, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	May 29, 2017	1.20	1.20	1.20	100.0%
18940926	381	866	DARLINGTON	13127735	5	May 31, 2017	0.38	0.42	0.38	100.0%
18940926	252	357	DARLINGTON	13127735	5	May 31, 2017	0.30	0.33	0.30	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	May 31, 2017	1.10	1.22	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 29, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	Jun 01, 2017	0.80	0.89	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jun 01, 2017	0.10	0.11	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	May 31, 2017	1.24	1.38	1.24	100.0%
18950601	445	410	NEILSEN	13120805	9	May 29, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 29, 2017	0.02	0.02	0.02	100.0%
18950610	416	592	3IN1	13130605	4	Jun 01, 2017	2.25	2.50	2.25	100.0%
18950630	265	1224	BURNETT	13127750	5	May 31, 2017	1.94	2.15	1.94	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 30, 2017	3.20	3.20	0.50	15.6%
18960601	144	53	Lower Eastside &	13132291	2	Jun 01, 2017	1.47	1.63	1.47	100.0%
18960601	180	278	Upper Eastside &	13132101	2	Jun 01, 2017	0.41	0.46	0.41	100.0%
18960601	144	741	Lower Eastside &	13132291	2	Jun 01, 2017	0.70	0.78	0.70	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	Jun 01, 2017	0.04	0.04	0.04	100.0%
18960601	192	1405	Upper Eastside &	13132101	2	Jun 01, 2017	0.04	0.04	0.04	100.0%
18960601	45	998	Lower Eastside &	13132291	2	Jun 01, 2017	0.30	0.33	0.30	100.0%
18960601	15	1106	MOORE	13132050	4	Jun 01, 2017	1.17	1.30	1.17	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 01, 2017	2.40	2.66	2.40	100.0%
18960601	96	457	MOORE	13132050	4	Jun 01, 2017	0.92	1.02	0.92	100.0%
18960601	417	381	MOORE	13132050	4	Jun 01, 2017	2.40	2.66	2.40	100.0%
18960601	96	461	MOORE	13132050	4	Jun 01, 2017	0.11	0.12	0.11	100.0%
18960601	339	1118	MOORE	13132050	4	Jun 01, 2017	1.57	1.74	1.57	100.0%
18960601	417	992	MOORE	13132050	4	Jun 01, 2017	1.20	1.33	1.20	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 01, 2017	0.14	0.16	0.14	100.0%
18960601	441	207	MOORE	13132050	4	Jun 01, 2017	1.00	1.11	1.00	100.0%
18960601	263	399	MOORE	13132050	4	Jun 01, 2017	0.27	0.30	0.27	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 01, 2017	0.23	0.26	0.23	100.0%
18960601	459	993	MOORE	13132050	4	Jun 01, 2017	0.40	0.44	0.40	100.0%
18960601	263	397	MOORE	13132050	4	Jun 01, 2017	0.35	0.39	0.35	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 01, 2017	0.40	0.44	0.40	100.0%
18960601	463	128	MOORE	13132050	4	Jun 01, 2017	1.60	1.78	1.60	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 01, 2017	0.34	0.38	0.34	100.0%
18960601	252	359	DARLINGTON	13127735	5	May 31, 2017	0.89	0.99	0.89	100.0%
18960601	381	1180	DARLINGTON	13127735	5	May 31, 2017	1.15	1.28	1.15	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 30, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 01, 2017	2.00	3.58	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	May 31, 2017	0.34	0.38	0.34	100.0%
18960801	280	1186	SHARP	13126500	6	May 30, 2017	0.10	0.10	0.10	100.0%

18960901	437	671	ARCO	13132365	2	Jun 01, 2017	0.13	0.23	0.13	100.0%
18960901	427	672	ARCO	13132365	2	Jun 01, 2017	0.32	0.57	0.32	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 01, 2017	1.97	3.52	1.97	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 01, 2017	0.51	0.91	0.51	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 01, 2017	0.03	0.05	0.03	100.0%
18960928	392	840	MUNSEY	13132375	2	Jun 01, 2017	4.40	7.87	4.40	100.0%
18970510	437	664	ARCO	13132365	2	Jun 01, 2017	1.74	3.11	1.74	100.0%
18970510	427	6	ARCO	13132365	2	Jun 01, 2017	4.29	7.67	4.29	100.0%
18970510	411	673	DARLINGTON	13127735	5	May 31, 2017	3.44	3.82	2.55	74.1%
18970510	73	191	BURNETT	13127750	5	May 31, 2017	0.80	0.89	0.80	100.0%
18970515	604	43	Lower Eastside &	13132291	2	Jun 01, 2017	1.34	1.49	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 29, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	May 31, 2017	3.20	3.55	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	Jun 01, 2017	0.24	0.27	0.24	100.0%
18970615	180	280	Upper Eastside &	13132101	2	Jun 01, 2017	0.13	0.14	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 30, 2017	2.40	2.40	2.40	100.0%
18980601	192	1406	Upper Eastside &	13132101	2	Jun 01, 2017	0.29	0.32	0.29	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	Jun 01, 2017	0.65	0.72	0.65	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 01, 2017	1.30	2.33	1.30	100.0%
18980601	483	1274	CHILLY	13121105	9	May 29, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 29, 2017	2.01	2.01	2.01	100.0%
18980901	122	821	ARCO	13132365	2	Jun 01, 2017	0.10	0.18	0.10	100.0%
18980901	268	562	ARCO	13132365	2	Jun 01, 2017	1.57	2.81	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 30, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 30, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	Jun 01, 2017	1.12	1.24	1.12	100.0%
18990327	180	468	Upper Eastside &	13132101	2	Jun 01, 2017	0.05	0.06	0.05	100.0%
18990327	604	437	Lower Eastside &	13132291	2	Jun 01, 2017	0.13	0.14	0.13	100.0%
18990327	604	41	Lower Eastside &	13132291	2	Jun 01, 2017	0.84	0.93	0.84	100.0%
18990327	433	272	MOORE	13132050	4	Jun 01, 2017	0.48	0.53	0.48	100.0%
18990327	459	1090	MOORE	13132050	4	Jun 01, 2017	0.60	0.67	0.60	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 01, 2017	0.01	0.01	0.01	100.0%
18990501	427	934	ARCO	13132365	2	Jun 01, 2017	0.26	0.47	0.26	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 01, 2017	2.80	5.01	2.80	100.0%
18990518	151	1044	BURNETT	13127750	5	May 31, 2017	0.15	0.17	0.15	100.0%
18990518	138	443	BURNETT	13127750	5	May 31, 2017	0.02	0.02	0.02	100.0%
18990601	201	705	SWAUGER	13127600	5	May 31, 2017	0.28	0.31	0.28	100.0%
18990601	490	981	BURNETT	13127750	5	May 31, 2017	0.80	0.89	0.80	100.0%
18990601	165	982	BURNETT	13127750	5	May 31, 2017	0.76	0.84	0.76	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 29, 2017	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 29, 2017	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jun 01, 2017	0.80	1.43	0.80	100.0%
19000323	77	44	MOORE	13132050	4	Jun 01, 2017	0.32	0.36	0.32	100.0%
19000601	386	270	SUTTER	13128105	5	May 31, 2017	0.08	0.09	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 29, 2017	6.40	6.40	6.40	100.0%
19010501	69	879	Upper Eastside &	13132101	2	Jun 01, 2017	0.14	0.16	0.14	100.0%
19010722	427	926	ARCO	13132365	2	Jun 01, 2017	0.33	0.59	0.33	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 30, 2017	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jun 01, 2017	0.23	0.26	0.23	100.0%
19010901	433	685	MOORE	13132050	4	Jun 01, 2017	0.50	0.55	0.50	100.0%
19010901	70	339	MOORE	13132050	4	Jun 01, 2017	0.10	0.11	0.10	100.0%
19010901	138	439	BURNETT	13127750	5	May 31, 2017	0.02	0.02	0.02	100.0%
19010901	151	1039	BURNETT	13127750	5	May 31, 2017	0.02	0.02	0.02	100.0%
19011001	263	396	MOORE	13132050	4	Jun 01, 2017	0.14	0.16	0.14	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 29, 2017	2.60	2.60	2.60	100.0%
19020115	392	765	MUNSEY	13132375	2	Jun 01, 2017	0.62	1.11	0.62	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	Jun 01, 2017	0.20	0.22	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 01, 2017	0.31	0.34	0.31	100.0%
19020301	15	81	MOORE	13132050	4	Jun 01, 2017	0.20	0.22	0.20	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 30, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 29, 2017	0.90	0.90	0.90	100.0%
19020301	307	676	CHILLY	13121105	9	May 29, 2017	3.85	3.85	3.85	100.0%
19020301	373	24	CHILLY	13121105	9	May 29, 2017	1.60	1.60	1.60	100.0%
19020301	310	836	CHILLY	13121105	9	May 29, 2017	0.80	0.80	0.80	100.0%

19020301	307	834	CHILLY	13121105	9	May 29, 2017	2.40	2.40	2.40	100.0%
19020301	483	1500	CHILLY	13121105	9	May 29, 2017	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 29, 2017	3.40	3.40	3.40	100.0%
19020301	364	952	CHILLY	13121105	9	May 29, 2017	3.20	3.20	3.20	100.0%
19020304	129	1062	CHILLY	13121105	9	May 29, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 29, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 29, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 01, 2017	1.38	1.53	1.38	100.0%
19020501	310	631	CHILLY	13121105	9	May 29, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 28, 2017	0.62	0.62	0.62	100.0%
19020601	16	1014	MOORE	13132050	4	Jun 01, 2017	0.92	1.02	0.92	100.0%
19020601	339	1015	MOORE	13132050	4	Jun 01, 2017	0.66	0.73	0.66	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 30, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 29, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 29, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 30, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	May 30, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	Jun 01, 2017	1.46	1.62	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	May 31, 2017	0.08	0.09	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	May 31, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	May 29, 2017	1.40	1.40	1.40	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 30, 2017	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 30, 2017	0.02	0.02	0.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 30, 2017	0.13	0.13	0.13	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 29, 2017	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 29, 2017	0.02	0.02	0.02	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 29, 2017	0.82	0.82	0.82	100.0%
19050501	255	402	NEILSEN	13120805	9	May 29, 2017	0.50	0.50	0.50	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 29, 2017	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	May 29, 2017	0.30	0.30	0.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 29, 2017	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 29, 2017	3.00	3.00	3.00	100.0%
19050501	130	74	NEILSEN	13120805	9	May 29, 2017	1.30	1.30	1.30	100.0%
19050501	364	629	CHILLY	13121105	9	May 29, 2017	0.40	0.40	0.40	100.0%
19050501	310	115	CHILLY	13121105	9	May 29, 2017	1.90	1.90	1.90	100.0%
19050501	129	1063	CHILLY	13121105	9	May 29, 2017	0.80	0.80	0.80	100.0%
19050501	373	432	CHILLY	13121105	9	May 29, 2017	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	May 29, 2017	1.10	1.10	1.10	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 29, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 28, 2017	2.58	2.58	2.58	100.0%
19060501	185	392	Upper Eastside &	13132101	2	Jun 01, 2017	0.19	0.21	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	May 29, 2017	0.50	0.50	0.50	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 29, 2017	1.08	1.08	1.08	100.0%
19070501	358	321	NEILSEN	13120805	9	May 29, 2017	1.52	1.52	1.52	100.0%
19070501	575	322	NEILSEN	13120805	9	May 29, 2017	1.48	1.48	1.48	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 29, 2017	1.30	1.30	1.30	100.0%
19080401	314	73	NEILSEN	13120805	9	May 29, 2017	2.04	2.04	2.04	100.0%
19080401	483	848	LONGHURST	13121505	9	May 29, 2017	2.10	2.10	2.10	100.0%
19080715	364	692	CHILLY	13121105	9	May 29, 2017	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 01, 2017	0.33	0.37	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 30, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 30, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 29, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 29, 2017	0.80	0.80	0.80	100.0%
19120227	364	954	CHILLY	13121105	9	May 29, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 30, 2017	1.20	1.20	1.20	100.0%
19120401	483	13	LONGHURST	13121505	9	May 29, 2017	1.71	1.71	1.71	100.0%
19120501	310	632	CHILLY	13121105	9	May 29, 2017	0.80	0.80	0.80	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 29, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 29, 2017	0.03	0.03	0.03	100.0%
19121014	403	813	NEILSEN	13120805	9	May 29, 2017	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	May 29, 2017	1.70	1.70	1.70	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 29, 2017	2.40	2.40	2.40	100.0%
19131206	575	1379	NEILSEN	13120805	9	May 29, 2017	1.72	1.72	1.72	100.0%

19131224	373	25	CHILLY	13121105	9	May 29, 2017	1.60	1.60	1.60	100.0%
19140601	445	412	NEILSEN	13120805	9	May 29, 2017	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	May 29, 2017	0.02	0.02	0.02	100.0%
19150504	310	636	CHILLY	13121105	9	May 29, 2017	0.42	0.42	0.42	100.0%
19150504	373	434	CHILLY	13121105	9	May 29, 2017	0.59	0.59	0.59	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 29, 2017	1.58	1.58	1.58	100.0%
19160501	129	633	CHILLY	13121105	9	May 29, 2017	0.80	0.80	0.80	100.0%
19160501	310	634	CHILLY	13121105	9	May 29, 2017	0.80	0.80	0.80	100.0%
19160501	373	26	CHILLY	13121105	9	May 29, 2017	0.41	0.41	0.41	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 30, 2017	1.36	1.36	1.36	100.0%
19170620	307	71	NEILSEN	13120805	9	May 29, 2017	0.80	0.80	0.80	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 30, 2017	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	Jun 01, 2017	0.79	1.41	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jun 01, 2017	0.01	0.02	0.01	100.0%
19240806	417	695	MOORE	13132050	4	Jun 01, 2017	0.50	0.55	0.50	100.0%
19540821	2526	717	MUNSEY	13132375	2	Jun 01, 2017	1.20	2.15	1.20	100.0%
19600824	185	390	Upper Eastside &	13132101	2	Jun 01, 2017	0.11	0.12	0.11	100.0%
19740402	150	220	MUNSEY	13132375	2	Jun 01, 2017	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 01, 2017	4.40	7.87	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 01, 2017	16.00	28.62	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jun 01, 2017	1.32	2.36	1.32	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 01, 2017	14.10	15.65	14.10	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 01, 2017	6.38	7.08	6.38	100.0%
19950411	476	1273	BURNETT	13127750	5	May 31, 2017	18.42	20.44	18.42	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 29, 2017	4.00	4.00	4.00	100.0%
19950411	476	1273	CHILLY	13121105	9	May 29, 2017	10.00	10.00	10.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 30, 2017	10000.00	10000.00	1413.18	14.1%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 29	1750.0	4.8		1754.8	0.00	1754.8	4.8	0.0		1750.0	0.0	
9	Howell to Chilly	May 30	0.0	157.5		-1592.5	0.91	162.3	142.7	14.8		14.8	-14.8	
8	Chilly to Reservoir	* May 31	2056.1	67.2		2123.3	0.00	2285.6	65.0	2.2		2073.1	-17.0	
	Disconnected													
7	Mackay Reservoir	* May 31	923.0	0.0		2056.1	0.00	2309.8	1847.6			462.2		
6	Reservoir to 2B	May 31	908.0	15.0		0.0	0.00	2300.0	9.8	5.2		452.4	455.6	
5	2B to Leslie	Jun 1	558.0	171.0		-179.0	0.20	2102.3	108.5	62.5		254.7	303.3	
4	Leslie to Eastside In	Jun 2	622.7	189.0		253.7	0.00	1991.7	110.6	78.4		144.1	478.6	
2a	Eastside In To Weirs	* Jun 2	480.0	17.7	0.0	-125.0	0.20	1945.7	17.1	0.6		98.1	381.9	0.0
2b	Weirs To Eastside Out	* Jun 2	337.4	12.7	0.0	-129.9	0.27	1908.9	10.2	2.5		61.3	276.1	0.0
2c	Eastside Out To Blw Muns	* Jun 2	234.6	102.8	0.0	0.0	0.00	1847.6	61.3	41.5	0.0	0.0	234.6	0.0
1	Blw Munsey to Arco	Jun 2	138.0	0.0		-96.6	0.41	1838.7	0.0	0.0		0.0	234.6	
3	River blw Moore Div	Jun 2	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	2377.7	207.7	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 29	0.0		20090101	18%	1	18800630	3.2	556.5	196.8	
9	Howell to Chilly	May 30	-1592.5		20090101	18%	2	18810630	1.7	294.0	104.5	
8	Chilly to Reservoir	May 31	0.0		20090101	18%	3	18880601	3.2	556.5	196.8	
	Disconnected						4	18960601	6.4	1113.0	393.5	
7	Mackay Reservoir	May 31	0.0		20090101	18%	5	19020301	0.8	140.0	49.2	
6	Reservoir to 2B	May 31	0.0	0.0	20090101	18%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	Jun 1	-89.2	-89.8	20090101	18%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	Jun 2	0.0	0.0	20090101	18%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	Jun 2	-28.9	-96.1	0.0	20090101	18%	9	Add Vol	Unlimited	200000.0	92304.7
2b	Weirs To Eastside Out	Jun 2	-26.6	-103.3	0.0	20090101	18%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	Jun 2	0.0	0.0	0.0	20090101	18%		TOTAL		296511.0	137096.4
1	Blw Munsey to Arco	Jun 2	0.0	-234.6	0.0	20090101	18%					
3	River blw Moore Div	Jun 2	0.0	0.0	20090101	18%						
	TOTAL		-1737.2	-521.9	0.0							

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
23450.0	25680.0		2230.0	1124.3	8.8	317.5	192.6	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	68396.4
Total Storage Loss	-48704.7
Total Storage Deliver	-10072.0
Total Evaporation	-420.6
Accounting Balance	25679.2
Current Res Content	25680.0
Storage Balance Error	-0.8

DAILY STORAGE BALANCE

23450.0 Reservoir Content Previous Day [ac-ft]
25680.0 Reservoir Content Current Day [ac-ft]
2230.0 Physical Change in Storage [ac-ft]

3664.7 Storage Allocated to Mackay Reservoir [ac-ft]
-1035.2 Stored Flow Losses [ac-ft]
-89.8 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-432.1 Eastside [cfs]
0.0 River blw Moore [cfs]
-382.0 Storage Delivered [ac-ft]
5.2 Reservoir to 2B [cfs]
62.5 2B to Leslie [cfs]
78.4 Leslie to Moore [cfs]
46.5 Eastside to blw Munsey [cfs]
-17.5 Evaporation [ac-ft]
2230.0 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

2309.8 Natural Flow into Mackay Reservoir [cfs]

1847.6 Reservoir Rights Diverted [cfs]
133.1 Natural Flow Losses below Reservoir [cfs]
-89.2 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-43.9 Eastside as River [cfs]
329.1 Natural Flow Delivered [cfs]
9.8 Reservoir to 2B [cfs]
108.5 2B to Leslie [cfs]
110.6 Leslie to Moore [cfs]
100.2 Eastside to blw Munsey [cfs]
2309.8 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details										
	Inflow			Outflow				Calculations		
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	Flow Out
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	622.7			17.7	-4.4	240.0	240.0	-125.0	20.1%	480.0
Natural Flow	144.1			17.1	-4.3			-28.9		98.1
Stored Flow	478.6			0.6	-0.2			-96.1		381.9
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details										
	Inflow			Outflow			Calculations			
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss	
Gage #	13132159	13132292		13132291		13132350				
Actual Flow	240.0	240.0		12.7	-9.1	337.4	-129.9	27.1%	-241.4	
Natural Flow				10.2	-7.3	61.3	-26.6		-43.9	
Stored Flow				2.5	-1.8	276.1	-103.3		-197.5	
Exchange Flow			0.0			0.0	0.0			

End of Reach Details				
	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	337.4	102.8	234.6	
Natural Flow	61.3	61.3	0.0	
Stored Flow	276.1	41.5	234.6	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations					
	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060		13132350	
Actual Flow	43.9	578.8	17.4	462.6	337.4
Natural Flow	38.9	105.2	14.0	84.1	61.3
Stored Flow	5.0	473.6	3.4	378.5	276.1
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	15.0	5.2	157.3
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	28.0	10.0	440.7
9 BITTON	0.0	0.0	69.4	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.0	6.0	248.9	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	27.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	200.3	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	84.0	25.7	1512.4
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	1488.4
9 NEILSEN	50.5	4.4	232.1	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	0.0	11.9	5 SUTTER	6.0	2.6	122.1
9 CHILLY	65.0	0.4	221.4	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	15.0	8.3	615.0
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	0.0	269.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	4.8	4 3IN1	24.0	5.0	324.6
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	150.0	65.0	3121.2
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	142.2	2 EASTSIDE FHDiv	43.9	5.0	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	7.0	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	41.3	276.1	26208.7
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.2	0.0	0.0	2 MUNSEY	61.5	276.1	26208.7
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.3	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	1.3	45.9	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 30, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	May 30, 2017	4.36	4.36	4.36	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	May 31, 2017	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	May 31, 2017	0.59	0.59	0.59	100.0%
18800601	93	723	ARCO	13132365	2	Jun 02, 2017	0.04	0.09	0.04	100.0%
18800601	370	530	ARCO	13132365	2	Jun 02, 2017	0.15	0.32	0.15	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	May 31, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	May 31, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	May 31, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	May 31, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	May 31, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 30, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	May 31, 2017	3.00	3.00	3.00	100.0%
18830601	224	854	MOORE	13132050	4	Jun 02, 2017	2.78	3.46	2.78	100.0%
18830601	645	464	MOORE	13132050	4	Jun 02, 2017	0.11	0.14	0.11	100.0%
18830601	22	1083	MOORE	13132050	4	Jun 02, 2017	0.06	0.07	0.06	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 02, 2017	0.79	0.98	0.79	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 02, 2017	1.16	1.44	1.16	100.0%
18830810	192	1109	Upper Eastside &	13132101	2	Jun 02, 2017	0.21	0.26	0.21	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	Jun 02, 2017	0.21	0.26	0.21	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	Jun 02, 2017	0.43	0.54	0.43	100.0%
18830810	2332	1088	MOORE	13132050	4	Jun 02, 2017	1.50	1.87	1.50	100.0%
18830810	263	393	MOORE	13132050	4	Jun 02, 2017	0.18	0.22	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 02, 2017	0.48	0.60	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 02, 2017	0.18	0.22	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	Jun 01, 2017	0.68	0.85	0.68	100.0%
18840422	236	30	BECK	13130525	4	Jun 02, 2017	1.64	2.04	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 02, 2017	0.14	0.17	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 01, 2017	0.99	1.23	0.99	100.0%
18840422	201	83	SWAUGER	13127600	5	Jun 01, 2017	1.12	1.40	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 01, 2017	0.07	0.09	0.07	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 01, 2017	0.18	0.22	0.18	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 01, 2017	1.44	1.79	1.44	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 01, 2017	2.17	2.70	2.17	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 01, 2017	1.63	2.03	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 01, 2017	0.55	0.69	0.55	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 01, 2017	0.20	0.25	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 01, 2017	0.96	1.20	0.96	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 01, 2017	1.92	2.39	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 01, 2017	2.00	2.49	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 01, 2017	0.50	0.62	0.50	100.0%
18840422	544	1067	SHARP	13126500	6	May 31, 2017	1.00	1.00	1.00	100.0%
18840422	347	938	SHARP	13126500	6	May 31, 2017	3.23	3.23	3.23	100.0%
18840422	103	1289	SHARP	13126500	6	May 31, 2017	0.64	0.64	0.64	100.0%
18840422	397	10	SHARP	13126500	6	May 31, 2017	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	May 31, 2017	0.08	0.08	0.08	100.0%
18840422	632	1539	SHARP	13126500	6	May 31, 2017	0.12	0.12	0.12	100.0%
18840422	2525	407	SHARP	13126500	6	May 31, 2017	0.08	0.08	0.08	100.0%
18840422	390	406	SHARP	13126500	6	May 31, 2017	0.09	0.09	0.09	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 01, 2017	0.40	0.50	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 01, 2017	0.80	1.00	0.80	100.0%
18840430	623	1519	BURNETT	13127750	5	Jun 01, 2017	0.40	0.50	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	May 31, 2017	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	May 31, 2017	1.80	1.80	1.80	100.0%
18840520	187	16	Lower Eastside &	13132291	2	Jun 02, 2017	0.16	0.20	0.16	100.0%
18840520	180	470	Upper Eastside &	13132101	2	Jun 02, 2017	0.16	0.20	0.16	100.0%
18840520	604	436	Lower Eastside &	13132291	2	Jun 02, 2017	1.15	1.43	1.15	100.0%
18840520	251	796	Upper Eastside &	13132101	2	Jun 02, 2017	0.80	1.00	0.80	100.0%
18840520	96	451	MOORE	13132050	4	Jun 02, 2017	0.58	0.72	0.58	100.0%

18840520	433	271	MOORE	13132050	4	Jun 02, 2017	0.54	0.67	0.54	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 02, 2017	0.98	1.22	0.98	100.0%
18840520	427	1	MOORE	13132050	4	Jun 02, 2017	0.80	1.00	0.80	100.0%
18840520	340	816	MOORE	13132050	4	Jun 02, 2017	0.28	0.35	0.28	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 02, 2017	0.22	0.27	0.22	100.0%
18840520	219	547	MOORE	13132050	4	Jun 02, 2017	1.10	1.37	1.10	100.0%
18840520	459	797	MOORE	13132050	4	Jun 02, 2017	1.20	1.49	1.20	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 02, 2017	0.01	0.01	0.01	100.0%
18840520	2335	265	MOORE	13132050	4	Jun 02, 2017	0.84	1.05	0.84	100.0%
18840520	2332	753	MOORE	13132050	4	Jun 02, 2017	0.42	0.52	0.42	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 02, 2017	1.35	1.68	1.35	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 02, 2017	2.24	2.79	2.24	100.0%
18840520	263	394	MOORE	13132050	4	Jun 02, 2017	0.22	0.27	0.22	100.0%
18840520	645	462	MOORE	13132050	4	Jun 02, 2017	0.27	0.34	0.27	100.0%
18840520	2332	752	MOORE	13132050	4	Jun 02, 2017	0.36	0.45	0.36	100.0%
18840520	66	266	MOORE	13132050	4	Jun 02, 2017	0.02	0.02	0.02	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 01, 2017	0.72	0.90	0.72	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 02, 2017	0.54	0.67	0.54	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 02, 2017	0.08	0.10	0.08	100.0%
18840601	15	131	MOORE	13132050	4	Jun 02, 2017	0.37	0.46	0.37	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 02, 2017	0.09	0.11	0.09	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 02, 2017	1.28	1.59	1.28	100.0%
18840601	263	395	MOORE	13132050	4	Jun 02, 2017	0.08	0.10	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jun 02, 2017	0.21	0.26	0.21	100.0%
18840601	151	1042	BURNETT	13127750	5	Jun 01, 2017	0.23	0.29	0.23	100.0%
18840601	623	1493	BURNETT	13127750	5	Jun 01, 2017	0.20	0.25	0.20	100.0%
18840601	138	441	BURNETT	13127750	5	Jun 01, 2017	0.04	0.05	0.04	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 01, 2017	0.73	0.91	0.73	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 01, 2017	0.80	1.00	0.80	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 01, 2017	0.80	1.00	0.80	100.0%
18840601	623	1504	BURNETT	13127750	5	Jun 01, 2017	0.27	0.33	0.27	100.0%
18840601	623	1505	BURNETT	13127750	5	Jun 01, 2017	0.40	0.50	0.40	100.0%
18840601	317	940	No Tellum 1	13123060	8	May 31, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 30, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 30, 2017	0.40	0.40	0.40	100.0%
18840715	15	799	MOORE	13132050	4	Jun 02, 2017	0.80	1.00	0.80	100.0%
18840715	115	323	MOORE	13132050	4	Jun 02, 2017	0.74	0.92	0.74	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 02, 2017	0.80	1.00	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 02, 2017	1.20	1.49	1.20	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 02, 2017	1.20	1.49	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 02, 2017	0.74	0.92	0.74	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 02, 2017	0.80	1.00	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Jun 02, 2017	0.80	1.00	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	Jun 02, 2017	0.20	0.25	0.20	100.0%
18840831	180	276	Upper Eastside &	13132101	2	Jun 02, 2017	1.31	1.63	1.31	100.0%
18840831	192	772	Upper Eastside &	13132101	2	Jun 02, 2017	0.40	0.50	0.40	100.0%
18840831	251	773	Upper Eastside &	13132101	2	Jun 02, 2017	0.50	0.62	0.50	100.0%
18840831	638	772	Upper Eastside &	13132101	2	Jun 02, 2017	0.40	0.50	0.40	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	Jun 02, 2017	0.43	0.54	0.43	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 02, 2017	3.20	3.99	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	May 31, 2017	1.74	1.74	1.74	100.0%
18840914	623	1494	BURNETT	13127750	5	Jun 01, 2017	0.40	0.50	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 01, 2017	0.40	0.50	0.40	100.0%
18841012	205	557	BECK	13130525	4	Jun 02, 2017	1.76	2.19	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Jun 02, 2017	0.58	0.72	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 02, 2017	1.25	1.56	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jun 02, 2017	0.31	0.39	0.31	100.0%
18841012	347	1141	SWAUGER	13127600	5	Jun 01, 2017	0.26	0.33	0.26	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 01, 2017	0.81	1.01	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 01, 2017	2.77	3.45	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 01, 2017	0.74	0.92	0.74	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 01, 2017	2.78	3.46	2.78	100.0%
18841012	190	418	SWAUGER	13127600	5	Jun 01, 2017	0.11	0.14	0.11	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 01, 2017	0.80	1.00	0.80	100.0%

18841012	314	1444	SWAUGER	13127600	5	Jun 01, 2017	2.40	2.99	2.40	100.0%
18841012	347	1141	SHARP	13126500	6	May 31, 2017	0.86	0.86	0.86	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 01, 2017	1.10	1.37	1.10	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 01, 2017	2.00	2.49	2.00	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 01, 2017	0.79	0.98	0.79	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jun 01, 2017	0.61	0.76	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 01, 2017	1.65	2.06	1.65	100.0%
18850501	672	1629	Lower Eastside &	13132291	2	Jun 02, 2017	1.80	2.24	1.80	100.0%
18850501	672	1630	Lower Eastside &	13132291	2	Jun 02, 2017	0.20	0.25	0.20	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	Jun 02, 2017	1.70	2.12	1.70	100.0%
18850501	468	59	ARCO	13132365	2	Jun 02, 2017	0.74	1.58	0.74	100.0%
18850501	426	887	ARCO	13132365	2	Jun 02, 2017	0.46	0.98	0.46	100.0%
18850501	423	186	Lower Eastside &	13132291	2	Jun 02, 2017	0.26	0.32	0.26	100.0%
18850501	423	87	Lower Eastside &	13132291	2	Jun 02, 2017	0.20	0.25	0.20	100.0%
18850501	255	401	NEILSEN	13120805	9	May 30, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 30, 2017	2.80	2.80	2.80	100.0%
18850512	251	22	Upper Eastside &	13132101	2	Jun 02, 2017	1.02	1.27	1.02	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	Jun 02, 2017	0.20	0.25	0.20	100.0%
18850512	192	1399	Upper Eastside &	13132101	2	Jun 02, 2017	0.20	0.25	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 02, 2017	1.50	1.87	1.50	100.0%
18850530	282	1190	SUTTER	13128105	5	Jun 01, 2017	0.20	0.25	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	Jun 02, 2017	2.60	3.24	2.60	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 02, 2017	1.10	1.37	1.10	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 01, 2017	3.20	3.99	3.20	100.0%
18850601	205	554	BECK	13130525	4	Jun 02, 2017	0.59	0.73	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Jun 02, 2017	0.50	0.62	0.50	100.0%
18850601	212	315	DARLINGTON	13127735	5	Jun 01, 2017	0.94	1.17	0.94	100.0%
18850601	20	949	DARLINGTON	13127735	5	Jun 01, 2017	0.40	0.50	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 01, 2017	2.60	3.24	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 01, 2017	1.54	1.92	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	May 31, 2017	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	May 31, 2017	1.16	1.16	1.16	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 30, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 01, 2017	2.82	3.51	2.82	100.0%
18851002	437	62	ARCO	13132365	2	Jun 02, 2017	1.54	3.29	1.54	100.0%
18851002	93	726	ARCO	13132365	2	Jun 02, 2017	0.50	1.07	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	Jun 02, 2017	1.16	2.48	1.16	100.0%
18851002	468	61	ARCO	13132365	2	Jun 02, 2017	3.60	7.69	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	May 31, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	Jun 02, 2017	4.74	5.90	4.74	100.0%
18860501	305	927	3IN1	13130605	4	Jun 02, 2017	0.86	1.08	0.86	100.0%
18860501	417	644	MOORE	13132050	4	Jun 02, 2017	1.20	1.49	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 02, 2017	2.80	3.49	2.80	100.0%
18860512	96	459	MOORE	13132050	4	Jun 02, 2017	0.48	0.60	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Jun 02, 2017	0.18	0.22	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 02, 2017	0.18	0.22	0.18	100.0%
18860601	482	867	Upper Eastside &	13132101	2	Jun 02, 2017	1.24	1.54	1.24	100.0%
18860601	69	881	Upper Eastside &	13132101	2	Jun 02, 2017	1.60	1.99	1.60	100.0%
18860601	16	1009	MOORE	13132050	4	Jun 02, 2017	2.52	3.14	2.52	100.0%
18860601	339	1010	MOORE	13132050	4	Jun 02, 2017	0.68	0.85	0.68	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 01, 2017	1.60	1.99	1.60	100.0%
18860601	622	1517	BURNETT	13127750	5	Jun 01, 2017	1.60	1.99	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	May 31, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	May 31, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	Jun 02, 2017	0.94	1.17	0.94	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 01, 2017	0.80	1.00	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	Jun 01, 2017	3.00	3.74	3.00	100.0%
18860901	180	2	Upper Eastside &	13132101	2	Jun 02, 2017	0.84	1.05	0.84	100.0%
18860901	256	758	MUNSEY	13132375	2	Jun 02, 2017	2.06	4.40	2.06	100.0%
18860901	165	1248	BURNETT	13127750	5	Jun 01, 2017	1.60	1.99	1.60	100.0%
18860901	605	955	Stoecklein 1	13124173	8	May 31, 2017	3.20	3.20	3.20	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	Jun 02, 2017	0.80	1.00	0.80	100.0%
18870313	459	338	MOORE	13132050	4	Jun 02, 2017	0.42	0.52	0.42	100.0%
18870313	70	337	MOORE	13132050	4	Jun 02, 2017	0.23	0.29	0.23	100.0%

18870313	433	683	MOORE	13132050	4	Jun 02, 2017	0.70	0.87	0.70	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 30, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	May 31, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 02, 2017	2.92	6.24	2.92	100.0%
18870601	423	1028	Lower Eastside &	13132291	2	Jun 02, 2017	1.40	1.74	1.40	100.0%
18870601	423	76	Lower Eastside &	13132291	2	Jun 02, 2017	0.22	0.27	0.22	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 02, 2017	1.00	1.25	1.00	100.0%
18870601	252	353	DARLINGTON	13127735	5	Jun 01, 2017	0.43	0.54	0.43	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 01, 2017	0.26	0.32	0.26	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	May 31, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	May 31, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 30, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 30, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	Jun 02, 2017	0.80	1.00	0.80	100.0%
18870630	165	980	BURNETT	13127750	5	Jun 01, 2017	0.80	1.00	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Jun 01, 2017	0.80	1.00	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 01, 2017	0.80	1.00	0.80	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 01, 2017	0.27	0.33	0.27	100.0%
18870801	623	1508	BURNETT	13127750	5	Jun 01, 2017	0.53	0.66	0.53	100.0%
18870831	623	1507	BURNETT	13127750	5	Jun 01, 2017	1.20	1.49	1.20	100.0%
18870831	119	1154	BURNETT	13127750	5	Jun 01, 2017	1.20	1.49	1.20	100.0%
18880601	427	669	ARCO	13132365	2	Jun 02, 2017	0.81	1.72	0.81	100.0%
18880601	437	670	ARCO	13132365	2	Jun 02, 2017	0.33	0.71	0.33	100.0%
18880601	347	1138	SWAUGER	13127600	5	Jun 01, 2017	0.39	0.49	0.39	100.0%
18880601	201	1139	SWAUGER	13127600	5	Jun 01, 2017	0.98	1.22	0.98	100.0%
18880601	347	1138	SHARP	13126500	6	May 31, 2017	1.29	1.29	1.29	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	May 31, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 30, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 30, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	May 29, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	Jun 02, 2017	0.90	1.12	0.90	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 02, 2017	0.40	0.85	0.40	100.0%
18890601	599	1552	MOORE	13132050	4	Jun 02, 2017	0.35	0.44	0.35	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 02, 2017	0.50	0.62	0.50	100.0%
18890601	463	1396	MOORE	13132050	4	Jun 02, 2017	0.20	0.25	0.20	100.0%
18890601	441	205	MOORE	13132050	4	Jun 02, 2017	0.97	1.21	0.97	100.0%
18890601	623	1503	BURNETT	13127750	5	Jun 01, 2017	0.80	1.00	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 01, 2017	1.20	1.49	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 01, 2017	1.22	1.52	1.22	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 01, 2017	2.70	3.36	2.70	100.0%
18890601	119	996	BURNETT	13127750	5	Jun 01, 2017	0.40	0.50	0.40	100.0%
18900601	372	886	ARCO	13132365	2	Jun 02, 2017	0.59	1.26	0.59	100.0%
18900601	416	591	3IN1	13130605	4	Jun 02, 2017	0.75	0.93	0.75	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	May 31, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	May 31, 2017	3.00	3.00	3.00	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 30, 2017	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 30, 2017	0.24	0.24	0.24	100.0%
18910630	205	555	BECK	13130525	4	Jun 02, 2017	0.99	1.23	0.99	100.0%
18910630	2332	1254	MOORE	13132050	4	Jun 02, 2017	0.48	0.60	0.48	100.0%
18910630	44	1253	MOORE	13132050	4	Jun 02, 2017	0.72	0.90	0.72	100.0%
18910630	44	1003	MOORE	13132050	4	Jun 02, 2017	0.76	0.95	0.76	100.0%
18910630	2332	1255	MOORE	13132050	4	Jun 02, 2017	0.28	0.35	0.28	100.0%
18910801	307	77	CHILLY	13121105	9	May 30, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	May 31, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	May 31, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jun 02, 2017	0.22	0.27	0.22	100.0%
18930323	77	366	MOORE	13132050	4	Jun 02, 2017	1.60	1.99	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 02, 2017	1.50	1.87	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	May 31, 2017	0.74	0.74	0.74	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 01, 2017	0.66	0.82	0.66	100.0%
18940310	265	1223	BURNETT	13127750	5	Jun 01, 2017	2.80	3.49	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 01, 2017	0.44	0.55	0.44	100.0%
18940310	386	268	SUTTER	13128105	5	Jun 01, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	May 30, 2017	2.60	2.60	2.60	100.0%

18940501	575	1372	Broken River Pum	13124050	8	May 31, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jun 02, 2017	0.80	1.00	0.80	100.0%
18940531	5	776	MOORE	13132050	4	Jun 02, 2017	0.20	0.25	0.20	100.0%
18940531	77	800	MOORE	13132050	4	Jun 02, 2017	0.74	0.92	0.74	100.0%
18940601	482	1301	Upper Eastside &	13132101	2	Jun 02, 2017	0.58	0.72	0.58	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	Jun 02, 2017	3.20	3.99	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jun 02, 2017	0.15	0.19	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jun 01, 2017	0.11	0.14	0.11	100.0%
18940601	390	408	SHARP	13126500	6	May 31, 2017	0.07	0.07	0.07	100.0%
18940601	307	39	CHILLY	13121105	9	May 30, 2017	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	Jun 01, 2017	0.30	0.37	0.30	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jun 01, 2017	0.38	0.47	0.38	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	Jun 01, 2017	1.10	1.37	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 30, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	Jun 02, 2017	0.80	1.00	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jun 02, 2017	0.10	0.12	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	Jun 01, 2017	1.06	1.32	1.06	100.0%
18950601	445	411	NEILSEN	13120805	9	May 30, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	May 30, 2017	0.18	0.18	0.18	100.0%
18950610	416	592	3IN1	13130605	4	Jun 02, 2017	2.25	2.80	2.25	100.0%
18950630	265	1224	BURNETT	13127750	5	Jun 01, 2017	1.72	2.14	1.72	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	May 31, 2017	3.20	3.20	0.50	15.6%
18960601	144	53	Lower Eastside &	13132291	2	Jun 02, 2017	1.47	1.83	1.47	100.0%
18960601	192	1405	Upper Eastside &	13132101	2	Jun 02, 2017	0.04	0.04	0.04	100.0%
18960601	144	741	Lower Eastside &	13132291	2	Jun 02, 2017	0.70	0.87	0.70	100.0%
18960601	45	998	Lower Eastside &	13132291	2	Jun 02, 2017	0.22	0.27	0.22	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	Jun 02, 2017	0.04	0.04	0.04	100.0%
18960601	180	278	Upper Eastside &	13132101	2	Jun 02, 2017	0.41	0.51	0.41	100.0%
18960601	339	1118	MOORE	13132050	4	Jun 02, 2017	1.57	1.96	1.57	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 02, 2017	0.14	0.17	0.14	100.0%
18960601	263	399	MOORE	13132050	4	Jun 02, 2017	0.27	0.34	0.27	100.0%
18960601	459	993	MOORE	13132050	4	Jun 02, 2017	0.40	0.50	0.40	100.0%
18960601	263	397	MOORE	13132050	4	Jun 02, 2017	0.35	0.44	0.35	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 02, 2017	0.23	0.29	0.23	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 02, 2017	2.40	2.99	2.40	100.0%
18960601	463	128	MOORE	13132050	4	Jun 02, 2017	1.60	1.99	1.60	100.0%
18960601	96	461	MOORE	13132050	4	Jun 02, 2017	0.11	0.14	0.11	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 02, 2017	0.34	0.42	0.34	100.0%
18960601	15	1106	MOORE	13132050	4	Jun 02, 2017	1.17	1.46	1.17	100.0%
18960601	417	992	MOORE	13132050	4	Jun 02, 2017	1.20	1.49	1.20	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 02, 2017	0.40	0.50	0.40	100.0%
18960601	96	457	MOORE	13132050	4	Jun 02, 2017	0.92	1.15	0.92	100.0%
18960601	441	207	MOORE	13132050	4	Jun 02, 2017	1.00	1.25	1.00	100.0%
18960601	417	381	MOORE	13132050	4	Jun 02, 2017	2.40	2.99	2.40	100.0%
18960601	252	359	DARLINGTON	13127735	5	Jun 01, 2017	0.89	1.11	0.89	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jun 01, 2017	1.15	1.43	1.15	100.0%
18960601	56	118	MACKAY DAM	13126000	7	May 31, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 02, 2017	2.00	4.27	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	Jun 01, 2017	0.34	0.42	0.34	100.0%
18960801	544	1187	SHARP	13126500	6	May 31, 2017	0.08	0.08	0.08	100.0%
18960801	280	1186	SHARP	13126500	6	May 31, 2017	0.22	0.22	0.22	100.0%
18960901	427	672	ARCO	13132365	2	Jun 02, 2017	0.32	0.68	0.32	100.0%
18960901	437	671	ARCO	13132365	2	Jun 02, 2017	0.13	0.28	0.13	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 02, 2017	0.03	0.06	0.03	100.0%
18960928	392	840	MUNSEY	13132375	2	Jun 02, 2017	4.40	9.40	4.40	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 02, 2017	0.51	1.09	0.51	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 02, 2017	1.97	4.21	1.97	100.0%
18970510	437	664	ARCO	13132365	2	Jun 02, 2017	1.74	3.72	1.74	100.0%
18970510	427	6	ARCO	13132365	2	Jun 02, 2017	4.29	9.16	4.29	100.0%
18970510	411	674	DARLINGTON	13127735	5	Jun 01, 2017	2.79	3.48	2.55	91.4%
18970515	604	43	Lower Eastside &	13132291	2	Jun 02, 2017	1.34	1.67	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 30, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 01, 2017	3.20	3.99	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	Jun 02, 2017	0.24	0.30	0.24	100.0%

18970615	180	280	Upper Eastside &	13132101	2	Jun 02, 2017	0.13	0.16	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	May 31, 2017	2.40	2.40	2.40	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	Jun 02, 2017	0.65	0.81	0.65	100.0%
18980601	192	1406	Upper Eastside &	13132101	2	Jun 02, 2017	0.21	0.26	0.21	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 02, 2017	0.90	1.92	0.90	100.0%
18980601	483	1274	CHILLY	13121105	9	May 30, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 30, 2017	2.01	2.01	2.01	100.0%
18980901	268	562	ARCO	13132365	2	Jun 02, 2017	1.57	3.35	1.57	100.0%
18980901	122	821	ARCO	13132365	2	Jun 02, 2017	0.10	0.22	0.10	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	May 31, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	May 31, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	Jun 02, 2017	1.04	1.30	1.04	100.0%
18990327	180	468	Upper Eastside &	13132101	2	Jun 02, 2017	0.05	0.06	0.05	100.0%
18990327	604	41	Lower Eastside &	13132291	2	Jun 02, 2017	0.84	1.05	0.84	100.0%
18990327	604	437	Lower Eastside &	13132291	2	Jun 02, 2017	0.13	0.16	0.13	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 02, 2017	0.01	0.01	0.01	100.0%
18990327	459	1090	MOORE	13132050	4	Jun 02, 2017	0.60	0.75	0.60	100.0%
18990327	433	272	MOORE	13132050	4	Jun 02, 2017	0.48	0.60	0.48	100.0%
18990501	427	934	ARCO	13132365	2	Jun 02, 2017	0.09	0.19	0.09	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 02, 2017	2.80	5.98	2.80	100.0%
18990518	138	443	BURNETT	13127750	5	Jun 01, 2017	0.02	0.02	0.02	100.0%
18990518	151	1044	BURNETT	13127750	5	Jun 01, 2017	0.15	0.19	0.15	100.0%
18990601	201	705	SWAUGER	13127600	5	Jun 01, 2017	0.28	0.35	0.28	100.0%
18990601	165	982	BURNETT	13127750	5	Jun 01, 2017	0.62	0.77	0.62	100.0%
18990601	490	981	BURNETT	13127750	5	Jun 01, 2017	0.80	1.00	0.80	100.0%
18990601	307	72	NEILSEN	13120805	9	May 30, 2017	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 30, 2017	0.60	0.60	0.60	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jun 02, 2017	0.80	1.71	0.80	100.0%
19000323	77	44	MOORE	13132050	4	Jun 02, 2017	0.32	0.40	0.32	100.0%
19000601	386	270	SUTTER	13128105	5	Jun 01, 2017	0.08	0.10	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	May 30, 2017	6.40	6.40	6.40	100.0%
19010501	69	879	Upper Eastside &	13132101	2	Jun 02, 2017	0.02	0.02	0.02	100.0%
19010731	130	1284	Donahue 2	13122950	8	May 31, 2017	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	Jun 02, 2017	0.10	0.12	0.10	100.0%
19010901	459	340	MOORE	13132050	4	Jun 02, 2017	0.23	0.29	0.23	100.0%
19010901	433	685	MOORE	13132050	4	Jun 02, 2017	0.50	0.62	0.50	100.0%
19010901	138	439	BURNETT	13127750	5	Jun 01, 2017	0.02	0.02	0.02	100.0%
19011001	263	396	MOORE	13132050	4	Jun 02, 2017	0.14	0.17	0.14	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 30, 2017	2.60	2.60	2.60	100.0%
19020115	392	765	MUNSEY	13132375	2	Jun 02, 2017	1.82	3.89	1.82	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	Jun 02, 2017	0.20	0.25	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 02, 2017	0.31	0.38	0.31	100.0%
19020301	15	81	MOORE	13132050	4	Jun 02, 2017	0.20	0.25	0.20	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	May 31, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 30, 2017	0.90	0.90	0.90	100.0%
19020301	307	834	CHILLY	13121105	9	May 30, 2017	2.40	2.40	2.40	100.0%
19020301	310	836	CHILLY	13121105	9	May 30, 2017	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	May 30, 2017	3.85	3.85	3.85	100.0%
19020301	364	952	CHILLY	13121105	9	May 30, 2017	3.20	3.20	3.20	100.0%
19020301	483	1500	CHILLY	13121105	9	May 30, 2017	1.60	1.60	1.60	100.0%
19020301	373	24	CHILLY	13121105	9	May 30, 2017	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 30, 2017	3.40	3.40	3.40	100.0%
19020304	129	1062	CHILLY	13121105	9	May 30, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 30, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 30, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 02, 2017	1.38	1.72	1.38	100.0%
19020501	310	631	CHILLY	13121105	9	May 30, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 29, 2017	0.62	0.62	0.62	100.0%
19020601	339	1015	MOORE	13132050	4	Jun 02, 2017	0.66	0.82	0.66	100.0%
19020601	16	1014	MOORE	13132050	4	Jun 02, 2017	0.92	1.15	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	May 31, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 30, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 30, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	May 31, 2017	1.74	1.74	1.74	100.0%

19030401	364	970	Upper Fish Hatch	13124160	8	May 31, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	Jun 02, 2017	1.46	1.82	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	Jun 01, 2017	0.08	0.10	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	Jun 01, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	May 30, 2017	1.40	1.40	1.40	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	May 31, 2017	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	May 31, 2017	0.02	0.02	0.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	May 31, 2017	0.13	0.13	0.13	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 30, 2017	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 30, 2017	0.62	0.62	0.62	100.0%
19050501	403	811	NEILSEN	13120805	9	May 30, 2017	0.30	0.30	0.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 30, 2017	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	May 30, 2017	1.30	1.30	1.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 30, 2017	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 30, 2017	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 30, 2017	3.00	3.00	3.00	100.0%
19050501	255	402	NEILSEN	13120805	9	May 30, 2017	0.50	0.50	0.50	100.0%
19050501	129	1063	CHILLY	13121105	9	May 30, 2017	0.80	0.80	0.80	100.0%
19050501	364	629	CHILLY	13121105	9	May 30, 2017	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	May 30, 2017	1.10	1.10	1.10	100.0%
19050501	310	115	CHILLY	13121105	9	May 30, 2017	1.90	1.90	1.90	100.0%
19050501	373	432	CHILLY	13121105	9	May 30, 2017	0.58	0.58	0.58	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 30, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 29, 2017	2.58	2.58	2.58	100.0%
19060501	185	392	Upper Eastside &	13132101	2	Jun 02, 2017	0.19	0.24	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	May 30, 2017	0.50	0.50	0.50	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 30, 2017	1.08	1.08	1.08	100.0%
19070501	358	321	NEILSEN	13120805	9	May 30, 2017	1.52	1.52	1.52	100.0%
19070501	575	322	NEILSEN	13120805	9	May 30, 2017	1.48	1.48	1.48	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 30, 2017	1.30	1.30	1.30	100.0%
19080401	314	73	NEILSEN	13120805	9	May 30, 2017	2.04	2.04	2.04	100.0%
19080401	483	848	LONGHURST	13121505	9	May 30, 2017	2.10	2.10	2.10	100.0%
19080715	364	692	CHILLY	13121105	9	May 30, 2017	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 02, 2017	0.33	0.41	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	May 31, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	May 31, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 30, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 30, 2017	0.80	0.80	0.80	100.0%
19120227	364	954	CHILLY	13121105	9	May 30, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	May 31, 2017	1.20	1.20	1.20	100.0%
19120401	483	13	LONGHURST	13121505	9	May 30, 2017	1.71	1.71	1.71	100.0%
19120501	310	632	CHILLY	13121105	9	May 30, 2017	0.80	0.80	0.80	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 30, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 30, 2017	0.03	0.03	0.03	100.0%
19121014	130	75	NEILSEN	13120805	9	May 30, 2017	1.70	1.70	1.70	100.0%
19121014	403	813	NEILSEN	13120805	9	May 30, 2017	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 30, 2017	2.40	2.40	2.40	100.0%
19131206	575	1379	NEILSEN	13120805	9	May 30, 2017	1.72	1.72	1.72	100.0%
19131224	373	25	CHILLY	13121105	9	May 30, 2017	1.60	1.60	1.60	100.0%
19140601	445	412	NEILSEN	13120805	9	May 30, 2017	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	May 30, 2017	0.02	0.02	0.02	100.0%
19150504	310	636	CHILLY	13121105	9	May 30, 2017	0.42	0.42	0.42	100.0%
19150504	373	434	CHILLY	13121105	9	May 30, 2017	0.59	0.59	0.59	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 30, 2017	1.58	1.58	1.58	100.0%
19160501	310	634	CHILLY	13121105	9	May 30, 2017	0.80	0.80	0.80	100.0%
19160501	129	633	CHILLY	13121105	9	May 30, 2017	0.80	0.80	0.80	100.0%
19160501	373	26	CHILLY	13121105	9	May 30, 2017	0.41	0.41	0.41	100.0%
19160601	501	679	Zollinger 1	13122245	8	May 31, 2017	1.36	1.36	1.36	100.0%
19170620	307	71	NEILSEN	13120805	9	May 30, 2017	0.80	0.80	0.80	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	May 31, 2017	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	Jun 02, 2017	0.01	0.02	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	Jun 02, 2017	0.79	1.69	0.79	100.0%
19240806	417	695	MOORE	13132050	4	Jun 02, 2017	0.50	0.62	0.50	100.0%
19600824	185	390	Upper Eastside &	13132101	2	Jun 02, 2017	0.11	0.14	0.11	100.0%

19740402	150	220	MUNSEY	13132375	2	Jun 02, 2017	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 02, 2017	4.40	9.40	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 02, 2017	16.00	34.19	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jun 02, 2017	1.34	2.86	1.34	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 02, 2017	14.10	17.56	14.10	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 02, 2017	6.38	7.95	6.38	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 01, 2017	17.58	21.90	17.58	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 30, 2017	4.00	4.00	4.00	100.0%
19950411	476	1273	CHILLY	13121105	9	May 30, 2017	10.00	10.00	10.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	May 31, 2017	10000.00	10000.00	1832.32	18.3%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	May 30	2280.0	4.8		2284.8	0.00	2284.8	4.8	0.0		2280.0	0.0	
9	Howell to Chilly	May 31	0.0	157.5		-2122.5	0.93	162.3	142.7	14.8		14.8	-14.8	
8	Chilly to Reservoir ***Disconnected***	* Jun 1	2354.7	67.2		2421.9	0.00	2584.2	65.0	2.2		2371.6	-17.0	
7	Mackay Reservoir	* Jun 1	819.0	0.0		2354.7	0.00	2675.3	2280.5			394.8		
6	Reservoir to 2B	Jun 1	808.0	11.0		0.0	0.00	2667.0	8.3	2.7		386.5	421.5	
5	2B to Leslie	Jun 2	719.0	195.0		106.0	0.00	2538.4	128.6	66.4		257.9	461.1	
4	Leslie to Eastside In	Jun 3	744.6	189.0		214.6	0.00	2423.3	115.1	73.9		142.9	601.7	
2a	Eastside In To Weirs	* Jun 3	596.2	16.3	0.0	-132.1	0.18	2379.8	18.2	-1.9		99.4	496.8	0.0
2b	Weirs To Eastside Out	* Jun 3	447.9	11.7	0.0	-136.6	0.23	2346.1	11.0	0.7		65.6	382.3	0.0
2c	Eastside Out To Blw Muns	* Jun 3	333.2	114.7	0.0	0.0	0.00	2280.5	65.6	49.1	0.0	0.0	333.2	0.0
1	Blw Munsey to Arco	Jun 3	230.0	0.0		-103.2	0.31	2271.0	0.0	0.0		0.0	333.2	
3	River blw Moore Div	Jun 3	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
* - Indicates flow estimated, not measured							TOTAL		2839.7	207.9	0.0			

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	May 30	0.0		20090101	23%	1	18800630	3.2	556.5	203.1	
9	Howell to Chilly	May 31	-2122.5		20090101	23%	2	18810630	1.7	294.0	107.9	
8	Chilly to Reservoir ***Disconnected***	Jun 1	0.0		20090101	23%	3	18880601	3.2	556.5	203.1	
7	Mackay Reservoir	Jun 1	0.0		20090101	23%	4	18960601	6.4	1113.0	406.2	
6	Reservoir to 2B	Jun 1	0.0	0.0	20090101	23%	5	19020301	0.8	140.0	50.8	
5	2B to Leslie	Jun 2	0.0	0.0	20090101	23%	6	19051002	Unlimited	20646.0	20646.0	
4	Leslie to Eastside In	Jun 3	0.0	0.0	20090101	23%	7	19160207	Unlimited	17205.0	17205.0	
2a	Eastside In To Weirs	Jun 3	-25.3	-106.8	0.0	20090101	23%	8	19590902	Unlimited	6000.0	6000.0
2b	Weirs To Eastside Out	Jun 3	-22.8	-113.8	0.0	20090101	23%	9	Add Vol	Unlimited	200000.0	96797.6
2c	Eastside Out To Blw Muns	Jun 3	0.0	0.0	0.0	20090101	23%	10	Rotation	Unlimited	50000.0	0.0
1	Blw Munsey to Arco	Jun 3	0.0	-333.2	0.0	20090101	23%		TOTAL		296511.0	141619.7
3	River blw Moore Div	Jun 3	0.0	0.0	20090101	23%						
TOTAL			-2170.6	-553.8	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
25680.0	28710.0		3030.0	1527.6	8.1	346.7	191.0	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	72919.7
Total Storage Loss	-49803.1
Total Storage Deliver	-10450.7
Total Evaporation	-436.6
Accounting Balance	<u>28709.4</u>
Current Res Content	28710.0
Storage Balance Error	-0.6

DAILY STORAGE BALANCE

25680.0 Reservoir Content Previous Day [ac-ft]
28710.0 Reservoir Content Current Day [ac-ft]
3030.0 Physical Change in Storage [ac-ft]

4523.3 Storage Allocated to Mackay Reservoir [ac-ft]
-1098.5 Stored Flow Losses [ac-ft]
0.0 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-553.8 Eastside [cfs]
0.0 River blw Moore [cfs]
-378.7 Storage Delivered [ac-ft]
2.7 Reservoir to 2B [cfs]
66.4 2B to Leslie [cfs]
73.9 Leslie to Moore [cfs]
47.9 Eastside to blw Munsey [cfs]
-16.0 Evaporation [ac-ft]
3030.1 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

2675.3 Natural Flow into Mackay Reservoir [cfs]

2280.5 Reservoir Rights Diverted [cfs]
37.8 Natural Flow Losses below Reservoir [cfs]
0.0 2B to Leslie [cfs]
0.0 Leslie to Moore [cfs]
-37.8 Eastside as River [cfs]
357.0 Natural Flow Delivered [cfs]
8.3 Reservoir to 2B [cfs]
128.6 2B to Leslie [cfs]
115.1 Leslie to Moore [cfs]
105.0 Eastside to blw Munsey [cfs]
2675.3 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	744.6			16.3	-3.5	298.1	298.1	-132.1	17.7%	596.2
Natural Flow	142.9			18.2	-3.9			-25.3		99.4
Stored Flow	601.7			-1.9	0.4			-106.8		496.8
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	298.1	298.1		11.7	-6.8	447.9	-136.6	22.9%	-258.4
Natural Flow				11.0	-6.4	65.6	-22.8		-37.8
Stored Flow				0.7	-0.4	382.3	-113.8		-220.6
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	447.9	114.7	333.2	
Natural Flow	65.6	65.6	0.0	
Stored Flow	382.3	49.1	333.2	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060		13132350	
Actual Flow	38.3	706.3	15.2	581.0	447.9
Natural Flow	39.4	103.4	14.3	85.1	65.6
Stored Flow	-1.2	602.9	0.9	495.9	382.3
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	11.0	2.7	162.7
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	30.0	11.4	463.2
9 BITTON	0.0	0.0	69.4	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.0	6.0	260.8	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	27.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	208.3	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	110.0	30.8	1573.5
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	26.0	24.2	1536.4
9 NEILSEN	50.5	4.4	240.8	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	3.0	0.0	11.9	5 SUTTER	2.0	0.0	122.1
9 CHILLY	65.0	0.4	222.1	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	15.0	8.3	631.5
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	0.0	269.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.0	0.0	4.8	4 3IN1	24.0	5.0	334.6
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	150.0	60.6	3241.4
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	144.0	2 EASTSIDE FHDiv	38.3	-1.2	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	0.0	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	7.0	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	48.6	382.3	26967.1
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.2	0.0	0.0	2 MUNSEY	66.1	382.3	26967.1
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	0.0	0.0	0.0	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	0.0	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.3	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	1.3	48.4	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	May 31, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	May 31, 2017	4.36	4.36	4.36	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 01, 2017	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 01, 2017	0.59	0.59	0.59	100.0%
18800601	93	723	ARCO	13132365	2	Jun 03, 2017	0.04	0.06	0.04	100.0%
18800601	370	530	ARCO	13132365	2	Jun 03, 2017	0.15	0.24	0.15	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	Jun 01, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	Jun 01, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 01, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 01, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 01, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	May 31, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 01, 2017	3.00	3.00	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 03, 2017	1.16	1.16	1.16	100.0%
18830601	645	464	MOORE	13132050	4	Jun 03, 2017	0.11	0.11	0.11	100.0%
18830601	22	1083	MOORE	13132050	4	Jun 03, 2017	0.06	0.06	0.06	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 03, 2017	0.79	0.79	0.79	100.0%
18830601	224	854	MOORE	13132050	4	Jun 03, 2017	2.76	2.76	2.76	100.0%
18830630	223	1192	Upper Eastside &	13132101	2	Jun 03, 2017	1.66	1.66	1.66	100.0%
18830810	192	1109	Upper Eastside &	13132101	2	Jun 03, 2017	0.21	0.21	0.21	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	Jun 03, 2017	0.43	0.43	0.43	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	Jun 03, 2017	0.21	0.21	0.21	100.0%
18830810	263	393	MOORE	13132050	4	Jun 03, 2017	0.18	0.18	0.18	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 03, 2017	0.18	0.18	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	Jun 03, 2017	1.50	1.50	1.50	100.0%
18830810	96	449	MOORE	13132050	4	Jun 03, 2017	0.48	0.48	0.48	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	Jun 02, 2017	0.68	0.68	0.68	100.0%
18840422	236	30	BECK	13130525	4	Jun 03, 2017	1.64	1.64	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 03, 2017	0.14	0.14	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 02, 2017	0.07	0.07	0.07	100.0%
18840422	201	83	SWAUGER	13127600	5	Jun 02, 2017	1.12	1.12	1.12	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 02, 2017	0.18	0.18	0.18	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 02, 2017	0.82	0.82	0.82	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 02, 2017	0.96	0.96	0.96	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 02, 2017	1.44	1.44	1.44	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 02, 2017	2.17	2.17	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 02, 2017	0.20	0.20	0.20	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 02, 2017	1.63	1.63	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 02, 2017	0.55	0.55	0.55	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 02, 2017	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 02, 2017	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 02, 2017	1.92	1.92	1.92	100.0%
18840422	632	1539	SHARP	13126500	6	Jun 01, 2017	0.10	0.10	0.10	100.0%
18840422	390	406	SHARP	13126500	6	Jun 01, 2017	0.09	0.09	0.09	100.0%
18840422	347	938	SHARP	13126500	6	Jun 01, 2017	3.01	3.01	3.01	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 01, 2017	0.52	0.52	0.52	100.0%
18840422	544	1067	SHARP	13126500	6	Jun 01, 2017	1.00	1.00	1.00	100.0%
18840422	24	120	SHARP	13126500	6	Jun 01, 2017	0.08	0.08	0.08	100.0%
18840422	397	10	SHARP	13126500	6	Jun 01, 2017	0.10	0.10	0.10	100.0%
18840422	2525	407	SHARP	13126500	6	Jun 01, 2017	0.06	0.06	0.06	100.0%
18840430	73	194	BURNETT	13127750	5	Jun 02, 2017	0.77	0.77	0.77	100.0%
18840430	73	193	BURNETT	13127750	5	Jun 02, 2017	1.23	1.23	1.23	100.0%
18840430	623	1519	BURNETT	13127750	5	Jun 02, 2017	0.40	0.40	0.40	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 02, 2017	0.40	0.40	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 02, 2017	0.24	0.24	0.24	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 02, 2017	0.80	0.80	0.80	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 01, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 01, 2017	0.22	0.22	0.22	100.0%
18840520	180	470	Upper Eastside &	13132101	2	Jun 03, 2017	0.16	0.16	0.16	100.0%

18840520	604	436	Lower Eastside &	13132291	2	Jun 03, 2017	1.15	1.15	1.15	100.0%
18840520	187	16	Lower Eastside &	13132291	2	Jun 03, 2017	0.16	0.16	0.16	100.0%
18840520	251	796	Upper Eastside &	13132101	2	Jun 03, 2017	0.80	0.80	0.80	100.0%
18840520	96	451	MOORE	13132050	4	Jun 03, 2017	0.58	0.58	0.58	100.0%
18840520	2332	752	MOORE	13132050	4	Jun 03, 2017	0.36	0.36	0.36	100.0%
18840520	340	816	MOORE	13132050	4	Jun 03, 2017	0.28	0.28	0.28	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 03, 2017	2.24	2.24	2.24	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 03, 2017	1.33	1.33	1.33	100.0%
18840520	459	797	MOORE	13132050	4	Jun 03, 2017	1.20	1.20	1.20	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 03, 2017	0.96	0.96	0.96	100.0%
18840520	2335	265	MOORE	13132050	4	Jun 03, 2017	0.82	0.82	0.82	100.0%
18840520	2332	753	MOORE	13132050	4	Jun 03, 2017	0.42	0.42	0.42	100.0%
18840520	427	1	MOORE	13132050	4	Jun 03, 2017	0.80	0.80	0.80	100.0%
18840520	433	271	MOORE	13132050	4	Jun 03, 2017	0.54	0.54	0.54	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 03, 2017	0.01	0.01	0.01	100.0%
18840520	645	462	MOORE	13132050	4	Jun 03, 2017	0.27	0.27	0.27	100.0%
18840520	66	266	MOORE	13132050	4	Jun 03, 2017	0.02	0.02	0.02	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 03, 2017	0.22	0.22	0.22	100.0%
18840520	219	547	MOORE	13132050	4	Jun 03, 2017	1.10	1.10	1.10	100.0%
18840520	263	394	MOORE	13132050	4	Jun 03, 2017	0.22	0.22	0.22	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 02, 2017	0.72	0.72	0.72	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 03, 2017	0.08	0.08	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 03, 2017	0.54	0.54	0.54	100.0%
18840601	96	453	MOORE	13132050	4	Jun 03, 2017	0.21	0.21	0.21	100.0%
18840601	263	395	MOORE	13132050	4	Jun 03, 2017	0.08	0.08	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 03, 2017	0.09	0.09	0.09	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 03, 2017	1.28	1.28	1.28	100.0%
18840601	15	131	MOORE	13132050	4	Jun 03, 2017	0.37	0.37	0.37	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 02, 2017	0.80	0.80	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 02, 2017	0.73	0.73	0.73	100.0%
18840601	138	441	BURNETT	13127750	5	Jun 02, 2017	0.04	0.04	0.04	100.0%
18840601	623	1505	BURNETT	13127750	5	Jun 02, 2017	0.40	0.40	0.40	100.0%
18840601	73	199	BURNETT	13127750	5	Jun 02, 2017	0.37	0.37	0.37	100.0%
18840601	73	200	BURNETT	13127750	5	Jun 02, 2017	0.23	0.23	0.23	100.0%
18840601	623	1504	BURNETT	13127750	5	Jun 02, 2017	0.27	0.27	0.27	100.0%
18840601	623	1493	BURNETT	13127750	5	Jun 02, 2017	0.20	0.20	0.20	100.0%
18840601	151	1042	BURNETT	13127750	5	Jun 02, 2017	0.23	0.23	0.23	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 02, 2017	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 01, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	May 31, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	May 31, 2017	0.40	0.40	0.40	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 03, 2017	1.20	1.20	1.20	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 03, 2017	0.80	0.80	0.80	100.0%
18840715	115	323	MOORE	13132050	4	Jun 03, 2017	0.74	0.74	0.74	100.0%
18840715	15	799	MOORE	13132050	4	Jun 03, 2017	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 03, 2017	1.20	1.20	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 03, 2017	0.74	0.74	0.74	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 03, 2017	0.80	0.80	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Jun 03, 2017	0.80	0.80	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	Jun 03, 2017	0.20	0.20	0.20	100.0%
18840831	180	276	Upper Eastside &	13132101	2	Jun 03, 2017	1.31	1.31	1.31	100.0%
18840831	638	772	Upper Eastside &	13132101	2	Jun 03, 2017	0.40	0.40	0.40	100.0%
18840831	192	772	Upper Eastside &	13132101	2	Jun 03, 2017	0.40	0.40	0.40	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	Jun 03, 2017	0.37	0.37	0.37	100.0%
18840831	251	773	Upper Eastside &	13132101	2	Jun 03, 2017	0.50	0.50	0.50	100.0%
18840901	441	1107	MOORE	13132050	4	Jun 03, 2017	3.20	3.20	3.20	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 01, 2017	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 02, 2017	0.40	0.40	0.40	100.0%
18840914	623	1494	BURNETT	13127750	5	Jun 02, 2017	0.40	0.40	0.40	100.0%
18841012	205	557	BECK	13130525	4	Jun 03, 2017	1.76	1.76	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jun 03, 2017	0.31	0.31	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 03, 2017	1.25	1.25	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jun 03, 2017	0.58	0.58	0.58	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 02, 2017	0.80	0.80	0.80	100.0%

18841012	190	418	SWAUGER	13127600	5	Jun 02, 2017	0.11	0.11	0.11	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 02, 2017	3.30	3.30	3.30	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 02, 2017	0.74	0.74	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 02, 2017	2.77	2.77	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 02, 2017	0.81	0.81	0.81	100.0%
18841012	347	1141	SWAUGER	13127600	5	Jun 02, 2017	0.22	0.22	0.22	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 02, 2017	2.78	2.78	2.78	100.0%
18841012	440	1256	DARLINGTON	13127735	5	Jun 02, 2017	0.75	0.75	0.75	100.0%
18841012	347	1141	SHARP	13126500	6	Jun 01, 2017	0.80	0.80	0.80	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 02, 2017	1.65	1.65	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 02, 2017	0.79	0.79	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 02, 2017	2.00	2.00	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jun 02, 2017	0.61	0.61	0.61	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 02, 2017	1.10	1.10	1.10	100.0%
18850501	672	1630	Lower Eastside &	13132291	2	Jun 03, 2017	0.20	0.20	0.20	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	Jun 03, 2017	1.56	1.56	1.56	100.0%
18850501	672	1629	Lower Eastside &	13132291	2	Jun 03, 2017	1.80	1.80	1.80	100.0%
18850501	468	59	ARCO	13132365	2	Jun 03, 2017	0.74	1.17	0.74	100.0%
18850501	423	87	Lower Eastside &	13132291	2	Jun 03, 2017	0.20	0.20	0.20	100.0%
18850501	423	186	Lower Eastside &	13132291	2	Jun 03, 2017	0.26	0.26	0.26	100.0%
18850501	426	887	ARCO	13132365	2	Jun 03, 2017	0.54	0.85	0.54	100.0%
18850501	255	401	NEILSEN	13120805	9	May 31, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	May 31, 2017	2.80	2.80	2.80	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	Jun 03, 2017	0.20	0.20	0.20	100.0%
18850512	192	1399	Upper Eastside &	13132101	2	Jun 03, 2017	0.20	0.20	0.20	100.0%
18850512	251	22	Upper Eastside &	13132101	2	Jun 03, 2017	0.84	0.84	0.84	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 03, 2017	1.48	1.48	1.48	100.0%
18850530	282	1190	SUTTER	13128105	5	Jun 02, 2017	0.20	0.20	0.20	100.0%
18850531	2338	1294	Upper Eastside &	13132101	2	Jun 03, 2017	2.40	2.40	2.40	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 03, 2017	1.10	1.10	1.10	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 02, 2017	3.20	3.20	3.20	100.0%
18850601	205	554	BECK	13130525	4	Jun 03, 2017	0.59	0.59	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Jun 03, 2017	0.50	0.50	0.50	100.0%
18850601	20	949	DARLINGTON	13127735	5	Jun 02, 2017	0.40	0.40	0.40	100.0%
18850601	212	315	DARLINGTON	13127735	5	Jun 02, 2017	0.94	0.94	0.94	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 02, 2017	2.60	2.60	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 02, 2017	1.54	1.54	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	Jun 01, 2017	0.38	0.38	0.38	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 01, 2017	0.88	0.88	0.88	100.0%
18850601	101	1201	NEILSEN	13120805	9	May 31, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 02, 2017	3.08	3.08	3.08	100.0%
18851002	93	726	ARCO	13132365	2	Jun 03, 2017	0.50	0.79	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	Jun 03, 2017	1.16	1.83	1.16	100.0%
18851002	437	62	ARCO	13132365	2	Jun 03, 2017	1.54	2.43	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 03, 2017	3.60	5.68	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 01, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	Jun 03, 2017	4.38	4.38	4.38	100.0%
18860501	305	927	3IN1	13130605	4	Jun 03, 2017	0.86	0.86	0.86	100.0%
18860501	417	644	MOORE	13132050	4	Jun 03, 2017	1.20	1.20	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 03, 2017	2.80	2.80	2.80	100.0%
18860512	96	459	MOORE	13132050	4	Jun 03, 2017	0.48	0.48	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 03, 2017	0.18	0.18	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Jun 03, 2017	0.18	0.18	0.18	100.0%
18860601	482	867	Upper Eastside &	13132101	2	Jun 03, 2017	1.24	1.24	1.24	100.0%
18860601	69	881	Upper Eastside &	13132101	2	Jun 03, 2017	1.48	1.48	1.48	100.0%
18860601	339	1010	MOORE	13132050	4	Jun 03, 2017	0.68	0.68	0.68	100.0%
18860601	16	1009	MOORE	13132050	4	Jun 03, 2017	2.52	2.52	2.52	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 02, 2017	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 01, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 01, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	Jun 03, 2017	0.88	0.88	0.88	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 02, 2017	0.80	0.80	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	Jun 02, 2017	1.80	1.80	1.80	100.0%
18860901	256	758	MUNSEY	13132375	2	Jun 03, 2017	2.20	3.47	2.20	100.0%

18860901	180	2	Upper Eastside &	13132101	2	Jun 03, 2017	0.84	0.84	0.84	100.0%
18860901	256	759	MUNSEY	13132375	2	Jun 03, 2017	0.14	0.22	0.14	100.0%
18860901	165	1248	BURNETT	13127750	5	Jun 02, 2017	1.60	1.60	1.60	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 01, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	Jun 02, 2017	0.44	0.44	0.44	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	Jun 03, 2017	0.80	0.80	0.80	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 03, 2017	3.20	3.20	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jun 03, 2017	0.94	0.94	0.94	100.0%
18870313	459	338	MOORE	13132050	4	Jun 03, 2017	0.42	0.42	0.42	100.0%
18870313	70	337	MOORE	13132050	4	Jun 03, 2017	0.23	0.23	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jun 03, 2017	0.70	0.70	0.70	100.0%
18870313	73	201	BURNETT	13127750	5	Jun 02, 2017	1.05	1.05	1.05	100.0%
18870313	73	202	BURNETT	13127750	5	Jun 02, 2017	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	May 31, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 01, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 03, 2017	3.20	5.05	3.20	100.0%
18870601	468	893	ARCO	13132365	2	Jun 03, 2017	1.00	1.58	1.00	100.0%
18870601	423	1028	Lower Eastside &	13132291	2	Jun 03, 2017	1.78	1.78	1.78	100.0%
18870601	423	76	Lower Eastside &	13132291	2	Jun 03, 2017	0.22	0.22	0.22	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 03, 2017	1.00	1.00	1.00	100.0%
18870601	252	353	DARLINGTON	13127735	5	Jun 02, 2017	0.43	0.43	0.43	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 02, 2017	0.46	0.46	0.46	100.0%
18870601	73	195	BURNETT	13127750	5	Jun 02, 2017	1.11	1.11	1.11	100.0%
18870601	73	196	BURNETT	13127750	5	Jun 02, 2017	0.69	0.69	0.69	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 01, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 01, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	May 31, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	May 31, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	Jun 03, 2017	0.80	0.80	0.80	100.0%
18870630	165	980	BURNETT	13127750	5	Jun 02, 2017	0.80	0.80	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Jun 02, 2017	0.80	0.80	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 02, 2017	0.80	0.80	0.80	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 02, 2017	0.27	0.27	0.27	100.0%
18870801	73	189	BURNETT	13127750	5	Jun 02, 2017	0.62	0.62	0.62	100.0%
18870801	623	1508	BURNETT	13127750	5	Jun 02, 2017	0.53	0.53	0.53	100.0%
18870801	73	190	BURNETT	13127750	5	Jun 02, 2017	0.38	0.38	0.38	100.0%
18870831	119	1154	BURNETT	13127750	5	Jun 02, 2017	1.20	1.20	1.20	100.0%
18870831	623	1507	BURNETT	13127750	5	Jun 02, 2017	1.20	1.20	1.20	100.0%
18880601	427	669	ARCO	13132365	2	Jun 03, 2017	0.81	1.27	0.81	100.0%
18880601	437	670	ARCO	13132365	2	Jun 03, 2017	0.33	0.52	0.33	100.0%
18880601	347	1138	SWAUGER	13127600	5	Jun 02, 2017	0.33	0.33	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	Jun 02, 2017	0.98	0.98	0.98	100.0%
18880601	347	1138	SHARP	13126500	6	Jun 01, 2017	1.21	1.21	1.21	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	Jun 01, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	May 31, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	May 31, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	May 30, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	Jun 03, 2017	0.90	0.90	0.90	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 03, 2017	0.40	0.63	0.40	100.0%
18890601	463	1396	MOORE	13132050	4	Jun 03, 2017	0.20	0.20	0.20	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 03, 2017	0.50	0.50	0.50	100.0%
18890601	599	1552	MOORE	13132050	4	Jun 03, 2017	0.35	0.35	0.35	100.0%
18890601	441	205	MOORE	13132050	4	Jun 03, 2017	0.97	0.97	0.97	100.0%
18890601	623	1503	BURNETT	13127750	5	Jun 02, 2017	0.80	0.80	0.80	100.0%
18890601	119	996	BURNETT	13127750	5	Jun 02, 2017	0.40	0.40	0.40	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 02, 2017	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 02, 2017	1.50	1.50	1.50	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 02, 2017	2.70	2.70	2.70	100.0%
18900601	372	886	ARCO	13132365	2	Jun 03, 2017	0.59	0.93	0.59	100.0%
18900601	416	591	3IN1	13130605	4	Jun 03, 2017	0.75	0.75	0.75	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 01, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 01, 2017	3.00	3.00	3.00	100.0%
18910531	498	778	BRADSHAW	13120705	9	May 31, 2017	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	May 31, 2017	1.76	1.76	1.76	100.0%

18910630	205	555	BECK	13130525	4	Jun 03, 2017	0.99	0.99	0.99	100.0%
18910630	2332	1254	MOORE	13132050	4	Jun 03, 2017	0.48	0.48	0.48	100.0%
18910630	2332	1255	MOORE	13132050	4	Jun 03, 2017	0.28	0.28	0.28	100.0%
18910630	44	1003	MOORE	13132050	4	Jun 03, 2017	0.76	0.76	0.76	100.0%
18910630	44	1253	MOORE	13132050	4	Jun 03, 2017	0.72	0.72	0.72	100.0%
18910801	307	77	CHILLY	13121105	9	May 31, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 01, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 01, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jun 03, 2017	0.22	0.22	0.22	100.0%
18930323	77	688	MOORE	13132050	4	Jun 03, 2017	1.50	1.50	1.50	100.0%
18930323	77	366	MOORE	13132050	4	Jun 03, 2017	1.60	1.60	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 01, 2017	0.74	0.74	0.74	100.0%
18940310	265	1223	BURNETT	13127750	5	Jun 02, 2017	2.80	2.80	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 02, 2017	0.92	0.92	0.92	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 02, 2017	0.44	0.44	0.44	100.0%
18940310	609	1496	CHILLY	13121105	9	May 31, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 01, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jun 03, 2017	0.80	0.80	0.80	100.0%
18940531	77	800	MOORE	13132050	4	Jun 03, 2017	0.74	0.74	0.74	100.0%
18940531	5	776	MOORE	13132050	4	Jun 03, 2017	0.20	0.20	0.20	100.0%
18940601	482	1301	Upper Eastside &	13132101	2	Jun 03, 2017	0.44	0.44	0.44	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	Jun 03, 2017	3.20	3.20	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jun 03, 2017	0.15	0.15	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jun 02, 2017	0.11	0.11	0.11	100.0%
18940601	390	408	SHARP	13126500	6	Jun 01, 2017	0.03	0.03	0.03	100.0%
18940601	307	39	CHILLY	13121105	9	May 31, 2017	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	Jun 02, 2017	0.30	0.30	0.30	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jun 02, 2017	0.38	0.38	0.38	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	Jun 02, 2017	1.10	1.10	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	May 31, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	Jun 03, 2017	0.80	0.80	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jun 03, 2017	0.10	0.10	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	Jun 02, 2017	1.48	1.48	1.48	100.0%
18950601	445	410	NEILSEN	13120805	9	May 31, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	May 31, 2017	0.02	0.02	0.02	100.0%
18950610	416	592	3IN1	13130605	4	Jun 03, 2017	2.25	2.25	2.25	100.0%
18950630	265	1224	BURNETT	13127750	5	Jun 02, 2017	2.62	2.62	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 01, 2017	3.20	3.20	0.50	15.6%
18960601	144	53	Lower Eastside &	13132291	2	Jun 03, 2017	1.47	1.47	1.47	100.0%
18960601	45	998	Lower Eastside &	13132291	2	Jun 03, 2017	0.14	0.14	0.14	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	Jun 03, 2017	0.04	0.04	0.04	100.0%
18960601	192	1405	Upper Eastside &	13132101	2	Jun 03, 2017	0.04	0.04	0.04	100.0%
18960601	144	741	Lower Eastside &	13132291	2	Jun 03, 2017	0.70	0.70	0.70	100.0%
18960601	180	278	Upper Eastside &	13132101	2	Jun 03, 2017	0.41	0.41	0.41	100.0%
18960601	263	397	MOORE	13132050	4	Jun 03, 2017	0.35	0.35	0.35	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 03, 2017	0.23	0.23	0.23	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 03, 2017	0.32	0.32	0.32	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 03, 2017	0.40	0.40	0.40	100.0%
18960601	463	128	MOORE	13132050	4	Jun 03, 2017	1.60	1.60	1.60	100.0%
18960601	459	993	MOORE	13132050	4	Jun 03, 2017	0.40	0.40	0.40	100.0%
18960601	417	381	MOORE	13132050	4	Jun 03, 2017	2.40	2.40	2.40	100.0%
18960601	15	1106	MOORE	13132050	4	Jun 03, 2017	1.17	1.17	1.17	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 03, 2017	2.40	2.40	2.40	100.0%
18960601	441	207	MOORE	13132050	4	Jun 03, 2017	1.00	1.00	1.00	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 03, 2017	0.14	0.14	0.14	100.0%
18960601	339	1118	MOORE	13132050	4	Jun 03, 2017	1.57	1.57	1.57	100.0%
18960601	96	457	MOORE	13132050	4	Jun 03, 2017	0.92	0.92	0.92	100.0%
18960601	96	461	MOORE	13132050	4	Jun 03, 2017	0.09	0.09	0.09	100.0%
18960601	417	992	MOORE	13132050	4	Jun 03, 2017	1.20	1.20	1.20	100.0%
18960601	263	399	MOORE	13132050	4	Jun 03, 2017	0.27	0.27	0.27	100.0%
18960601	252	359	DARLINGTON	13127735	5	Jun 02, 2017	0.89	0.89	0.89	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jun 02, 2017	1.15	1.15	1.15	100.0%
18960601	56	118	MACKAY DAM	13126000	7	Jun 01, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 03, 2017	2.00	3.15	2.00	100.0%

18960801	252	363	DARLINGTON	13127735	5	Jun 02, 2017	0.54	0.54	0.54	100.0%
18960901	427	672	ARCO	13132365	2	Jun 03, 2017	0.32	0.50	0.32	100.0%
18960901	437	671	ARCO	13132365	2	Jun 03, 2017	0.13	0.21	0.13	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 03, 2017	0.03	0.05	0.03	100.0%
18960928	392	840	MUNSEY	13132375	2	Jun 03, 2017	4.40	6.94	4.40	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 03, 2017	1.97	3.11	1.97	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 03, 2017	0.51	0.80	0.51	100.0%
18970510	437	664	ARCO	13132365	2	Jun 03, 2017	1.74	2.74	1.74	100.0%
18970510	427	6	ARCO	13132365	2	Jun 03, 2017	4.29	6.76	4.29	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 02, 2017	3.44	3.44	1.60	46.5%
18970510	73	191	BURNETT	13127750	5	Jun 02, 2017	0.92	0.92	0.92	100.0%
18970510	73	192	BURNETT	13127750	5	Jun 02, 2017	0.58	0.58	0.58	100.0%
18970515	604	43	Lower Eastside &	13132291	2	Jun 03, 2017	1.34	1.34	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	May 31, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 02, 2017	3.20	3.20	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	Jun 03, 2017	0.24	0.24	0.24	100.0%
18970615	180	280	Upper Eastside &	13132101	2	Jun 03, 2017	0.13	0.13	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 01, 2017	2.40	2.40	2.40	100.0%
18980601	192	1406	Upper Eastside &	13132101	2	Jun 03, 2017	0.13	0.13	0.13	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	Jun 03, 2017	0.65	0.65	0.65	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 03, 2017	1.60	2.52	1.60	100.0%
18980601	483	1274	CHILLY	13121105	9	May 31, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	May 31, 2017	2.01	2.01	2.01	100.0%
18980901	122	821	ARCO	13132365	2	Jun 03, 2017	0.10	0.16	0.10	100.0%
18980901	268	562	ARCO	13132365	2	Jun 03, 2017	1.57	2.48	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 01, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 01, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	Jun 03, 2017	0.96	0.96	0.96	100.0%
18990327	604	437	Lower Eastside &	13132291	2	Jun 03, 2017	0.13	0.13	0.13	100.0%
18990327	604	41	Lower Eastside &	13132291	2	Jun 03, 2017	0.84	0.84	0.84	100.0%
18990327	180	468	Upper Eastside &	13132101	2	Jun 03, 2017	0.05	0.05	0.05	100.0%
18990327	459	1090	MOORE	13132050	4	Jun 03, 2017	0.60	0.60	0.60	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 03, 2017	0.01	0.01	0.01	100.0%
18990327	433	272	MOORE	13132050	4	Jun 03, 2017	0.48	0.48	0.48	100.0%
18990501	427	934	ARCO	13132365	2	Jun 03, 2017	0.26	0.41	0.26	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 03, 2017	2.80	4.42	2.80	100.0%
18990518	73	204	BURNETT	13127750	5	Jun 02, 2017	0.09	0.09	0.09	100.0%
18990518	73	203	BURNETT	13127750	5	Jun 02, 2017	0.25	0.25	0.25	100.0%
18990518	138	443	BURNETT	13127750	5	Jun 02, 2017	0.02	0.02	0.02	100.0%
18990518	151	1044	BURNETT	13127750	5	Jun 02, 2017	0.15	0.15	0.15	100.0%
18990601	201	705	SWAUGER	13127600	5	Jun 02, 2017	0.28	0.28	0.28	100.0%
18990601	165	982	BURNETT	13127750	5	Jun 02, 2017	0.80	0.80	0.80	100.0%
18990601	490	981	BURNETT	13127750	5	Jun 02, 2017	0.80	0.80	0.80	100.0%
18990601	130	1076	NEILSEN	13120805	9	May 31, 2017	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	May 31, 2017	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jun 03, 2017	0.80	1.26	0.80	100.0%
19000323	77	44	MOORE	13132050	4	Jun 03, 2017	0.30	0.30	0.30	100.0%
19001101	310	833	CHILLY	13121105	9	May 31, 2017	6.40	6.40	6.40	100.0%
19010722	427	926	ARCO	13132365	2	Jun 03, 2017	0.81	1.27	0.81	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 01, 2017	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	Jun 03, 2017	0.10	0.10	0.10	100.0%
19010901	433	685	MOORE	13132050	4	Jun 03, 2017	0.50	0.50	0.50	100.0%
19010901	459	340	MOORE	13132050	4	Jun 03, 2017	0.23	0.23	0.23	100.0%
19010901	151	1039	BURNETT	13127750	5	Jun 02, 2017	0.04	0.04	0.04	100.0%
19010901	138	439	BURNETT	13127750	5	Jun 02, 2017	0.02	0.02	0.02	100.0%
19011001	263	396	MOORE	13132050	4	Jun 03, 2017	0.14	0.14	0.14	100.0%
19020103	548	1436	BRADSHAW	13120705	9	May 31, 2017	2.60	2.60	2.60	100.0%
19020115	392	765	MUNSEY	13132375	2	Jun 03, 2017	2.66	4.19	2.66	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	Jun 03, 2017	0.20	0.20	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 03, 2017	0.31	0.31	0.31	100.0%
19020301	15	81	MOORE	13132050	4	Jun 03, 2017	0.20	0.20	0.20	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	Jun 01, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	May 31, 2017	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	May 31, 2017	0.80	0.80	0.80	100.0%

19020301	373	24	CHILLY	13121105	9	May 31, 2017	1.60	1.60	1.60	100.0%
19020301	307	676	CHILLY	13121105	9	May 31, 2017	3.85	3.85	3.85	100.0%
19020301	483	1500	CHILLY	13121105	9	May 31, 2017	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	May 31, 2017	3.40	3.40	3.40	100.0%
19020301	364	952	CHILLY	13121105	9	May 31, 2017	3.20	3.20	3.20	100.0%
19020301	307	834	CHILLY	13121105	9	May 31, 2017	2.40	2.40	2.40	100.0%
19020304	129	1062	CHILLY	13121105	9	May 31, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	May 31, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	May 31, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 03, 2017	1.38	1.38	1.38	100.0%
19020501	310	631	CHILLY	13121105	9	May 31, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 30, 2017	0.62	0.62	0.62	100.0%
19020601	16	1014	MOORE	13132050	4	Jun 03, 2017	0.92	0.92	0.92	100.0%
19020601	339	1015	MOORE	13132050	4	Jun 03, 2017	0.66	0.66	0.66	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 01, 2017	3.70	3.70	3.70	100.0%
19020701	548	1435	BRADSHAW	13120705	9	May 31, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	May 31, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 01, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 01, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	Jun 03, 2017	1.46	1.46	1.46	100.0%
19040601	201	1414	SWAUGER	13127600	5	Jun 02, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	May 31, 2017	1.40	1.40	1.40	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 01, 2017	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 01, 2017	0.02	0.02	0.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 01, 2017	0.13	0.13	0.13	100.0%
19050501	498	780	BRADSHAW	13120705	9	May 31, 2017	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	May 31, 2017	0.62	0.62	0.62	100.0%
19050501	130	74	NEILSEN	13120805	9	May 31, 2017	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	May 31, 2017	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	May 31, 2017	0.65	0.65	0.65	100.0%
19050501	358	1264	NEILSEN	13120805	9	May 31, 2017	3.00	3.00	3.00	100.0%
19050501	403	1196	NEILSEN	13120805	9	May 31, 2017	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	May 31, 2017	0.30	0.30	0.30	100.0%
19050501	255	402	NEILSEN	13120805	9	May 31, 2017	0.50	0.50	0.50	100.0%
19050501	373	432	CHILLY	13121105	9	May 31, 2017	0.58	0.58	0.58	100.0%
19050501	310	115	CHILLY	13121105	9	May 31, 2017	1.90	1.90	1.90	100.0%
19050501	364	629	CHILLY	13121105	9	May 31, 2017	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	May 31, 2017	1.10	1.10	1.10	100.0%
19050501	129	1063	CHILLY	13121105	9	May 31, 2017	0.80	0.80	0.80	100.0%
19050501	483	1501	LONGHURST	13121505	9	May 31, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 30, 2017	2.58	2.58	2.58	100.0%
19060501	185	392	Upper Eastside &	13132101	2	Jun 03, 2017	0.19	0.19	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	May 31, 2017	0.50	0.50	0.50	100.0%
19060630	483	1513	LONGHURST	13121505	9	May 31, 2017	1.08	1.08	1.08	100.0%
19070501	358	321	NEILSEN	13120805	9	May 31, 2017	1.52	1.52	1.52	100.0%
19070501	575	322	NEILSEN	13120805	9	May 31, 2017	1.48	1.48	1.48	100.0%
19070508	483	1276	LONGHURST	13121505	9	May 31, 2017	1.30	1.30	1.30	100.0%
19080401	314	73	NEILSEN	13120805	9	May 31, 2017	2.04	2.04	2.04	100.0%
19080401	483	848	LONGHURST	13121505	9	May 31, 2017	2.10	2.10	2.10	100.0%
19080715	364	692	CHILLY	13121105	9	May 31, 2017	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 03, 2017	0.33	0.33	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	Jun 01, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 01, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	May 31, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	May 31, 2017	0.80	0.80	0.80	100.0%
19120227	364	954	CHILLY	13121105	9	May 31, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 01, 2017	1.20	1.20	1.20	100.0%
19120401	483	13	LONGHURST	13121505	9	May 31, 2017	1.71	1.71	1.71	100.0%
19120501	310	632	CHILLY	13121105	9	May 31, 2017	0.80	0.80	0.80	100.0%
19120513	101	1069	NEILSEN	13120805	9	May 31, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	May 31, 2017	0.03	0.03	0.03	100.0%
19121014	403	813	NEILSEN	13120805	9	May 31, 2017	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	May 31, 2017	2.40	2.40	2.40	100.0%
19121014	130	75	NEILSEN	13120805	9	May 31, 2017	1.70	1.70	1.70	100.0%

19131206	575	1379	NEILSEN	13120805	9	May 31, 2017	1.72	1.72	1.72	100.0%
19131224	373	25	CHILLY	13121105	9	May 31, 2017	1.60	1.60	1.60	100.0%
19140601	445	413	NEILSEN	13120805	9	May 31, 2017	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	May 31, 2017	0.18	0.18	0.18	100.0%
19150504	310	636	CHILLY	13121105	9	May 31, 2017	0.42	0.42	0.42	100.0%
19150504	373	434	CHILLY	13121105	9	May 31, 2017	0.59	0.59	0.59	100.0%
19160501	101	1371	NEILSEN	13120805	9	May 31, 2017	1.58	1.58	1.58	100.0%
19160501	373	26	CHILLY	13121105	9	May 31, 2017	0.41	0.41	0.41	100.0%
19160501	129	633	CHILLY	13121105	9	May 31, 2017	0.80	0.80	0.80	100.0%
19160501	310	634	CHILLY	13121105	9	May 31, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 01, 2017	1.36	1.36	1.36	100.0%
19170620	307	71	NEILSEN	13120805	9	May 31, 2017	0.80	0.80	0.80	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 01, 2017	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	Jun 03, 2017	0.01	0.02	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	Jun 03, 2017	0.79	1.25	0.79	100.0%
19240806	417	695	MOORE	13132050	4	Jun 03, 2017	0.50	0.50	0.50	100.0%
19440508	437	737	ARCO	13132365	2	Jun 03, 2017	0.10	0.16	0.10	100.0%
19600824	185	390	Upper Eastside &	13132101	2	Jun 03, 2017	0.11	0.11	0.11	100.0%
19740402	150	220	MUNSEY	13132375	2	Jun 03, 2017	0.02	0.03	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 03, 2017	4.40	6.94	4.40	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 03, 2017	16.00	25.23	16.00	100.0%
19770529	327	176	MUNSEY	13132375	2	Jun 03, 2017	1.34	2.11	1.34	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 03, 2017	14.10	14.10	14.10	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 03, 2017	6.86	6.86	6.86	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 02, 2017	27.92	27.92	27.92	100.0%
19950411	476	1273	NEILSEN	13120805	9	May 31, 2017	4.00	4.00	4.00	100.0%
19950411	476	1273	CHILLY	13121105	9	May 31, 2017	10.00	10.00	10.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	Jun 01, 2017	10000.00	10000.00	2265.17	22.7%

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	77948.5
Total Storage Loss	-51697.0
Total Storage Deliver	-10915.6
Total Evaporation	-456.5
Accounting Balance	<u>31359.3</u>
Current Res Content	31360.0
Storage Balance Error	-0.7

DAILY STORAGE BALANCE

28710.0 Reservoir Content Previous Day [ac-ft]
31360.0 Reservoir Content Current Day [ac-ft]
2650.0 Physical Change in Storage [ac-ft]

5028.7 Storage Allocated to Mackay Reservoir [ac-ft]
-1893.8 Stored Flow Losses [ac-ft]
0.0 2B to Leslie [cfs]
-230.1 Leslie to Moore [cfs]
-724.7 Eastside [cfs]
0.0 River blw Moore [cfs]
-464.9 Storage Delivered [ac-ft]
4.5 Reservoir to 2B [cfs]
87.3 2B to Leslie [cfs]
70.6 Leslie to Moore [cfs]
72.0 Eastside to blw Munsey [cfs]
-20.0 Evaporation [ac-ft]
2650.0 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

2996.1 Natural Flow into Mackay Reservoir [cfs]

2535.3 Reservoir Rights Diverted [cfs]
92.6 Natural Flow Losses below Reservoir [cfs]
0.0 2B to Leslie [cfs]
-67.6 Leslie to Moore [cfs]
-25.0 Eastside as River [cfs]
368.2 Natural Flow Delivered [cfs]
9.5 Reservoir to 2B [cfs]
128.7 2B to Leslie [cfs]
137.4 Leslie to Moore [cfs]
92.6 Eastside to blw Munsey [cfs]
2996.1 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details										
	Inflow			Outflow				Calculations		
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	Flow Out
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	914.3			13.8	-2.4	381.8	381.8	-136.9	15.0%	763.6
Natural Flow	117.6			16.1	-2.8			-17.6		83.9
Stored Flow	796.7			-2.3	0.4			-119.3		679.7
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details										
	Inflow			Outflow			Calculations			
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss	
Gage #	13132159	13132292		13132291		13132350				
Actual Flow	381.8	381.8		11.3	-5.0	613.1	-139.2	18.2%	-268.7	
Natural Flow				11.5	-5.0	57.1	-15.3		-25.0	
Stored Flow				-0.2	0.1	556.0	-123.9		-243.7	
Exchange Flow			0.0			0.0	0.0			

End of Reach Details				
	-- Inflow --		----- Outflow -----	
	Eastside Out		Arco/Munsey Diversion	Below Munsey
Gage #	13132350			13132390
Actual Flow	613.1		132.1	481.0
Natural Flow	57.1		57.1	0.0
Stored Flow	556.0		75.0	481.0
Exchange Flow	0.0		0.0	0.0

Eastside as the River and as a Diversion Calculations					
	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060			13132350
Actual Flow	32.5	881.8	13.8	749.8	613.1
Natural Flow	35.5	82.1	14.1	69.8	57.1
Stored Flow	-3.0	799.7	-0.3	680.0	556.0
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	14.0	4.5	171.7
9 KENT	0.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	44.0	25.7	514.1
9 BITTON	0.0	0.0	69.4	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.0	6.0	272.7	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	26.0	0.0	11.7
9 Thalman Hunter D	4.0	4.0	216.2	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	110.0	30.8	1634.5
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	30.0	28.2	1592.4
9 NEILSEN	50.5	4.4	249.5	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	2.0	0.0	11.9	5 SUTTER	6.0	2.6	127.3
9 CHILLY	65.0	0.4	222.9	8 Broken River Dit	0.0	0.0	23.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	15.0	8.3	648.0
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	0.0	0.0	0.0
9 LONGHURST	25.0	0.0	269.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.5	0.3	5.4	4 3IN1	43.0	4.8	344.2
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	150.0	57.4	3355.3
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	145.8	2 EASTSIDE FHDiv	32.5	-3.0	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	1.5	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	57.5	556.0	28070.0
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.5	0.3	0.6	2 MUNSEY	74.6	556.0	28070.0
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	1.2	1.2	2.4	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	1.8	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	0.0	48.4	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 01, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 01, 2017	4.36	4.36	4.36	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 02, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 02, 2017	0.01	0.01	0.01	100.0%
18800601	370	530	ARCO	13132365	2	Jun 04, 2017	0.15	0.27	0.15	100.0%
18800601	93	723	ARCO	13132365	2	Jun 04, 2017	0.04	0.07	0.04	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	Jun 02, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	Jun 02, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 02, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 02, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 02, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 01, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 02, 2017	3.00	3.00	3.00	100.0%
18830601	645	464	MOORE	13132050	4	Jun 04, 2017	0.11	0.14	0.11	100.0%
18830601	22	1083	MOORE	13132050	4	Jun 04, 2017	0.06	0.08	0.06	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 04, 2017	1.16	1.47	1.16	100.0%
18830601	224	854	MOORE	13132050	4	Jun 04, 2017	2.76	3.49	2.76	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 04, 2017	0.79	1.00	0.79	100.0%
18830630	223	1192	Upper Eastside &	13132101	2	Jun 04, 2017	1.66	2.10	1.66	100.0%
18830810	192	1109	Upper Eastside &	13132101	2	Jun 04, 2017	0.21	0.27	0.21	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	Jun 04, 2017	0.21	0.27	0.21	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	Jun 04, 2017	0.43	0.54	0.43	100.0%
18830810	96	449	MOORE	13132050	4	Jun 04, 2017	0.48	0.61	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jun 04, 2017	0.18	0.23	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	Jun 04, 2017	1.50	1.90	1.50	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 04, 2017	0.18	0.23	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	Jun 03, 2017	0.68	0.68	0.68	100.0%
18840422	236	30	BECK	13130525	4	Jun 04, 2017	1.64	2.08	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 04, 2017	0.14	0.18	0.14	100.0%
18840422	201	83	SWAUGER	13127600	5	Jun 03, 2017	1.12	1.12	1.12	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 03, 2017	0.18	0.18	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 03, 2017	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 03, 2017	0.64	0.64	0.64	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 03, 2017	1.44	1.44	1.44	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 03, 2017	1.63	1.63	1.63	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 03, 2017	0.96	0.96	0.96	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 03, 2017	0.55	0.55	0.55	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 03, 2017	2.17	2.17	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 03, 2017	0.20	0.20	0.20	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 03, 2017	1.92	1.92	1.92	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 03, 2017	2.00	2.00	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 03, 2017	0.50	0.50	0.50	100.0%
18840422	544	1067	SHARP	13126500	6	Jun 02, 2017	1.00	1.00	1.00	100.0%
18840422	24	120	SHARP	13126500	6	Jun 02, 2017	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	Jun 02, 2017	3.18	3.18	3.18	100.0%
18840422	397	10	SHARP	13126500	6	Jun 02, 2017	0.12	0.12	0.12	100.0%
18840422	632	1539	SHARP	13126500	6	Jun 02, 2017	0.12	0.12	0.12	100.0%
18840422	2525	407	SHARP	13126500	6	Jun 02, 2017	0.08	0.08	0.08	100.0%
18840422	390	406	SHARP	13126500	6	Jun 02, 2017	0.09	0.09	0.09	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 02, 2017	0.64	0.64	0.64	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 03, 2017	0.24	0.24	0.24	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 03, 2017	0.80	0.80	0.80	100.0%
18840430	623	1519	BURNETT	13127750	5	Jun 03, 2017	0.40	0.40	0.40	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 03, 2017	0.40	0.40	0.40	100.0%
18840430	73	193	BURNETT	13127750	5	Jun 03, 2017	1.23	1.23	1.23	100.0%
18840430	73	194	BURNETT	13127750	5	Jun 03, 2017	0.77	0.77	0.77	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 02, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 02, 2017	0.22	0.22	0.22	100.0%
18840520	187	16	Lower Eastside &	13132291	2	Jun 04, 2017	0.16	0.20	0.16	100.0%

18840520	180	470	Upper Eastside &	13132101	2	Jun 04, 2017	0.16	0.20	0.16	100.0%
18840520	604	436	Lower Eastside &	13132291	2	Jun 04, 2017	1.15	1.46	1.15	100.0%
18840520	251	796	Upper Eastside &	13132101	2	Jun 04, 2017	0.80	1.01	0.80	100.0%
18840520	96	451	MOORE	13132050	4	Jun 04, 2017	0.58	0.73	0.58	100.0%
18840520	459	797	MOORE	13132050	4	Jun 04, 2017	1.20	1.52	1.20	100.0%
18840520	2335	265	MOORE	13132050	4	Jun 04, 2017	0.82	1.04	0.82	100.0%
18840520	427	1	MOORE	13132050	4	Jun 04, 2017	0.80	1.01	0.80	100.0%
18840520	66	266	MOORE	13132050	4	Jun 04, 2017	0.02	0.03	0.02	100.0%
18840520	433	271	MOORE	13132050	4	Jun 04, 2017	0.54	0.68	0.54	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 04, 2017	0.96	1.21	0.96	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 04, 2017	0.22	0.28	0.22	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 04, 2017	0.01	0.01	0.01	100.0%
18840520	340	816	MOORE	13132050	4	Jun 04, 2017	0.28	0.35	0.28	100.0%
18840520	2332	753	MOORE	13132050	4	Jun 04, 2017	0.42	0.53	0.42	100.0%
18840520	2332	752	MOORE	13132050	4	Jun 04, 2017	0.36	0.46	0.36	100.0%
18840520	645	462	MOORE	13132050	4	Jun 04, 2017	0.27	0.34	0.27	100.0%
18840520	219	547	MOORE	13132050	4	Jun 04, 2017	1.10	1.39	1.10	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 04, 2017	1.33	1.68	1.33	100.0%
18840520	263	394	MOORE	13132050	4	Jun 04, 2017	0.22	0.28	0.22	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 04, 2017	2.24	2.83	2.24	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 03, 2017	0.72	0.72	0.72	100.0%
18840601	15	131	MOORE	13132050	4	Jun 04, 2017	0.37	0.47	0.37	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 04, 2017	1.28	1.62	1.28	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 04, 2017	0.08	0.10	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 04, 2017	0.09	0.11	0.09	100.0%
18840601	96	453	MOORE	13132050	4	Jun 04, 2017	0.21	0.27	0.21	100.0%
18840601	263	395	MOORE	13132050	4	Jun 04, 2017	0.08	0.10	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 04, 2017	0.54	0.68	0.54	100.0%
18840601	73	200	BURNETT	13127750	5	Jun 03, 2017	0.23	0.23	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 03, 2017	0.73	0.73	0.73	100.0%
18840601	623	1504	BURNETT	13127750	5	Jun 03, 2017	0.27	0.27	0.27	100.0%
18840601	623	1505	BURNETT	13127750	5	Jun 03, 2017	0.40	0.40	0.40	100.0%
18840601	623	1493	BURNETT	13127750	5	Jun 03, 2017	0.20	0.20	0.20	100.0%
18840601	73	199	BURNETT	13127750	5	Jun 03, 2017	0.37	0.37	0.37	100.0%
18840601	138	441	BURNETT	13127750	5	Jun 03, 2017	0.04	0.04	0.04	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 03, 2017	0.80	0.80	0.80	100.0%
18840601	151	1042	BURNETT	13127750	5	Jun 03, 2017	0.23	0.23	0.23	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 03, 2017	0.80	0.80	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 02, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 01, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 01, 2017	0.40	0.40	0.40	100.0%
18840715	15	799	MOORE	13132050	4	Jun 04, 2017	0.80	1.01	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jun 04, 2017	0.74	0.94	0.74	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 04, 2017	0.80	1.01	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 04, 2017	1.20	1.52	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 04, 2017	1.20	1.52	1.20	100.0%
18840715	115	323	MOORE	13132050	4	Jun 04, 2017	0.74	0.94	0.74	100.0%
18840731	44	1132	MOORE	13132050	4	Jun 04, 2017	0.80	1.01	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 04, 2017	0.80	1.01	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	Jun 04, 2017	0.20	0.25	0.20	100.0%
18840831	638	772	Upper Eastside &	13132101	2	Jun 04, 2017	0.40	0.51	0.40	100.0%
18840831	251	773	Upper Eastside &	13132101	2	Jun 04, 2017	0.50	0.63	0.50	100.0%
18840831	192	772	Upper Eastside &	13132101	2	Jun 04, 2017	0.40	0.51	0.40	100.0%
18840831	180	276	Upper Eastside &	13132101	2	Jun 04, 2017	1.31	1.66	1.31	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	Jun 04, 2017	0.44	0.56	0.44	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 02, 2017	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 03, 2017	0.40	0.40	0.40	100.0%
18840914	623	1494	BURNETT	13127750	5	Jun 03, 2017	0.40	0.40	0.40	100.0%
18841012	205	557	BECK	13130525	4	Jun 04, 2017	1.76	2.23	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 04, 2017	1.25	1.58	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jun 04, 2017	0.31	0.39	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jun 04, 2017	0.58	0.73	0.58	100.0%
18841012	190	418	SWAUGER	13127600	5	Jun 03, 2017	0.11	0.11	0.11	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 03, 2017	0.81	0.81	0.81	100.0%

18841012	347	1141	SWAUGER	13127600	5	Jun 03, 2017	0.17	0.17	0.17	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 03, 2017	0.80	0.80	0.80	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 03, 2017	2.77	2.77	2.77	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 03, 2017	0.74	0.74	0.74	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 03, 2017	2.78	2.78	2.78	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 03, 2017	3.30	3.30	3.30	100.0%
18841012	440	1256	DARLINGTON	13127735	5	Jun 03, 2017	0.75	0.75	0.75	100.0%
18841012	347	1141	SHARP	13126500	6	Jun 02, 2017	0.84	0.84	0.84	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 03, 2017	0.79	0.79	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 03, 2017	1.65	1.65	1.65	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 03, 2017	1.10	1.10	1.10	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 03, 2017	2.00	2.00	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jun 03, 2017	0.61	0.61	0.61	100.0%
18850501	672	1629	Lower Eastside &	13132291	2	Jun 04, 2017	1.80	2.28	1.80	100.0%
18850501	672	1630	Lower Eastside &	13132291	2	Jun 04, 2017	0.20	0.25	0.20	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	Jun 04, 2017	1.50	1.90	1.50	100.0%
18850501	468	59	ARCO	13132365	2	Jun 04, 2017	0.74	1.35	0.74	100.0%
18850501	423	87	Lower Eastside &	13132291	2	Jun 04, 2017	0.20	0.25	0.20	100.0%
18850501	423	186	Lower Eastside &	13132291	2	Jun 04, 2017	0.26	0.33	0.26	100.0%
18850501	426	887	ARCO	13132365	2	Jun 04, 2017	0.42	0.76	0.42	100.0%
18850501	675	1623	ARCO	13132365	2	Jun 04, 2017	0.22	0.40	0.22	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 01, 2017	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 01, 2017	0.50	0.50	0.50	100.0%
18850512	192	1399	Upper Eastside &	13132101	2	Jun 04, 2017	0.20	0.25	0.20	100.0%
18850512	251	22	Upper Eastside &	13132101	2	Jun 04, 2017	0.74	0.94	0.74	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	Jun 04, 2017	0.20	0.25	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 04, 2017	1.48	1.87	1.48	100.0%
18850530	282	1190	SUTTER	13128105	5	Jun 03, 2017	0.20	0.20	0.20	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 04, 2017	1.10	1.39	1.10	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 03, 2017	3.20	3.20	3.20	100.0%
18850601	205	554	BECK	13130525	4	Jun 04, 2017	0.59	0.75	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Jun 04, 2017	0.50	0.63	0.50	100.0%
18850601	212	315	DARLINGTON	13127735	5	Jun 03, 2017	0.94	0.94	0.94	100.0%
18850601	20	949	DARLINGTON	13127735	5	Jun 03, 2017	0.40	0.40	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 03, 2017	2.60	2.60	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 03, 2017	1.54	1.54	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	Jun 02, 2017	0.76	0.76	0.76	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 02, 2017	1.16	1.16	1.16	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 01, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 03, 2017	3.08	3.08	3.08	100.0%
18851002	437	62	ARCO	13132365	2	Jun 04, 2017	1.54	2.80	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 04, 2017	3.60	6.55	3.60	100.0%
18851002	370	1592	ARCO	13132365	2	Jun 04, 2017	1.16	2.11	1.16	100.0%
18851002	93	726	ARCO	13132365	2	Jun 04, 2017	0.50	0.91	0.50	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 02, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	Jun 04, 2017	4.20	5.31	4.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 04, 2017	0.86	1.09	0.86	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 04, 2017	2.80	3.54	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 04, 2017	1.20	1.52	1.20	100.0%
18860512	634	1543	Upper Eastside &	13132101	2	Jun 04, 2017	0.41	0.52	0.41	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 04, 2017	0.18	0.23	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 04, 2017	0.48	0.61	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Jun 04, 2017	0.18	0.23	0.18	100.0%
18860601	482	867	Upper Eastside &	13132101	2	Jun 04, 2017	1.24	1.57	1.24	100.0%
18860601	69	881	Upper Eastside &	13132101	2	Jun 04, 2017	1.42	1.80	1.42	100.0%
18860601	16	1009	MOORE	13132050	4	Jun 04, 2017	2.52	3.19	2.52	100.0%
18860601	339	1010	MOORE	13132050	4	Jun 04, 2017	0.68	0.86	0.68	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 03, 2017	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 02, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 02, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	Jun 04, 2017	0.84	1.06	0.84	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 03, 2017	0.80	0.80	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	Jun 03, 2017	3.00	3.00	3.00	100.0%
18860901	256	931	MUNSEY	13132375	2	Jun 04, 2017	0.16	0.29	0.16	100.0%

18860901	256	758	MUNSEY	13132375	2	Jun 04, 2017	2.20	4.00	2.20	100.0%
18860901	256	759	MUNSEY	13132375	2	Jun 04, 2017	0.34	0.62	0.34	100.0%
18860901	165	1248	BURNETT	13127750	5	Jun 03, 2017	1.60	1.60	1.60	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 02, 2017	3.20	3.20	3.20	100.0%
18860914	525	1472	BURNETT	13127750	5	Jun 03, 2017	0.44	0.44	0.44	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	Jun 04, 2017	0.80	1.01	0.80	100.0%
18870302	618	1510	MOORE	13132050	4	Jun 04, 2017	0.94	1.19	0.94	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 04, 2017	3.20	4.05	3.20	100.0%
18870313	459	338	MOORE	13132050	4	Jun 04, 2017	0.42	0.53	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jun 04, 2017	0.70	0.89	0.70	100.0%
18870313	70	337	MOORE	13132050	4	Jun 04, 2017	0.23	0.29	0.23	100.0%
18870313	73	201	BURNETT	13127750	5	Jun 03, 2017	1.05	1.05	1.05	100.0%
18870313	73	202	BURNETT	13127750	5	Jun 03, 2017	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 01, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 02, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 04, 2017	2.30	4.19	2.30	100.0%
18870601	423	1028	Lower Eastside &	13132291	2	Jun 04, 2017	1.24	1.57	1.24	100.0%
18870601	423	76	Lower Eastside &	13132291	2	Jun 04, 2017	0.22	0.28	0.22	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 04, 2017	1.00	1.27	1.00	100.0%
18870601	252	353	DARLINGTON	13127735	5	Jun 03, 2017	0.43	0.43	0.43	100.0%
18870601	73	195	BURNETT	13127750	5	Jun 03, 2017	1.11	1.11	1.11	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 03, 2017	0.46	0.46	0.46	100.0%
18870601	73	196	BURNETT	13127750	5	Jun 03, 2017	0.69	0.69	0.69	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 02, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 02, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 01, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 01, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	Jun 04, 2017	0.80	1.01	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 03, 2017	0.80	0.80	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Jun 03, 2017	0.80	0.80	0.80	100.0%
18870630	165	980	BURNETT	13127750	5	Jun 03, 2017	0.80	0.80	0.80	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 03, 2017	0.27	0.27	0.27	100.0%
18870801	73	190	BURNETT	13127750	5	Jun 03, 2017	0.38	0.38	0.38	100.0%
18870801	73	189	BURNETT	13127750	5	Jun 03, 2017	0.62	0.62	0.62	100.0%
18870801	623	1508	BURNETT	13127750	5	Jun 03, 2017	0.53	0.53	0.53	100.0%
18870831	119	1154	BURNETT	13127750	5	Jun 03, 2017	1.20	1.20	1.20	100.0%
18870831	623	1507	BURNETT	13127750	5	Jun 03, 2017	1.20	1.20	1.20	100.0%
18880601	427	669	ARCO	13132365	2	Jun 04, 2017	0.81	1.47	0.81	100.0%
18880601	437	670	ARCO	13132365	2	Jun 04, 2017	0.33	0.60	0.33	100.0%
18880601	347	1138	SWAUGER	13127600	5	Jun 03, 2017	0.26	0.26	0.26	100.0%
18880601	201	1139	SWAUGER	13127600	5	Jun 03, 2017	0.98	0.98	0.98	100.0%
18880601	347	1138	SHARP	13126500	6	Jun 02, 2017	1.27	1.27	1.27	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	Jun 02, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 01, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 01, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	May 31, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	Jun 04, 2017	0.90	1.14	0.90	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 04, 2017	0.40	0.73	0.40	100.0%
18890601	463	1396	MOORE	13132050	4	Jun 04, 2017	0.20	0.25	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	Jun 04, 2017	0.35	0.44	0.35	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 04, 2017	0.50	0.63	0.50	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 03, 2017	1.20	1.20	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 03, 2017	1.50	1.50	1.50	100.0%
18890601	119	996	BURNETT	13127750	5	Jun 03, 2017	0.40	0.40	0.40	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 03, 2017	2.70	2.70	2.70	100.0%
18890601	623	1503	BURNETT	13127750	5	Jun 03, 2017	0.80	0.80	0.80	100.0%
18900601	372	886	ARCO	13132365	2	Jun 04, 2017	0.59	1.07	0.59	100.0%
18900601	416	591	3IN1	13130605	4	Jun 04, 2017	0.75	0.95	0.75	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 02, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 02, 2017	3.20	3.20	3.20	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 01, 2017	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 01, 2017	1.76	1.76	1.76	100.0%
18910630	205	555	BECK	13130525	4	Jun 04, 2017	0.99	1.25	0.99	100.0%
18910630	44	1003	MOORE	13132050	4	Jun 04, 2017	0.76	0.96	0.76	100.0%

18910630	44	1253	MOORE	13132050	4	Jun 04, 2017	0.70	0.89	0.70	100.0%
18910630	2332	1255	MOORE	13132050	4	Jun 04, 2017	0.28	0.35	0.28	100.0%
18910630	2332	1254	MOORE	13132050	4	Jun 04, 2017	0.48	0.61	0.48	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 01, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 02, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 02, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jun 04, 2017	0.22	0.28	0.22	100.0%
18930323	77	366	MOORE	13132050	4	Jun 04, 2017	1.60	2.02	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 04, 2017	1.50	1.90	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 02, 2017	0.74	0.74	0.74	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 03, 2017	0.92	0.92	0.92	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 03, 2017	0.44	0.44	0.44	100.0%
18940310	265	1223	BURNETT	13127750	5	Jun 03, 2017	2.80	2.80	2.80	100.0%
18940310	386	268	SUTTER	13128105	5	Jun 03, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 01, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 02, 2017	2.00	2.00	2.00	100.0%
18940521	463	933	MOORE	13132050	4	Jun 04, 2017	0.80	1.01	0.80	100.0%
18940531	77	800	MOORE	13132050	4	Jun 04, 2017	0.74	0.94	0.74	100.0%
18940531	5	776	MOORE	13132050	4	Jun 04, 2017	0.20	0.25	0.20	100.0%
18940601	482	1301	Upper Eastside &	13132101	2	Jun 04, 2017	0.36	0.46	0.36	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	Jun 04, 2017	3.20	4.05	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jun 04, 2017	0.15	0.19	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jun 03, 2017	0.11	0.11	0.11	100.0%
18940601	390	408	SHARP	13126500	6	Jun 02, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 01, 2017	1.20	1.20	1.20	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jun 03, 2017	0.38	0.38	0.38	100.0%
18940926	252	357	DARLINGTON	13127735	5	Jun 03, 2017	0.30	0.30	0.30	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	Jun 03, 2017	1.10	1.10	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 01, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	Jun 04, 2017	0.80	1.01	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jun 04, 2017	0.10	0.13	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	Jun 03, 2017	1.48	1.48	1.48	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 01, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 01, 2017	0.02	0.02	0.02	100.0%
18950610	416	592	3IN1	13130605	4	Jun 04, 2017	2.25	2.85	2.25	100.0%
18950630	265	1224	BURNETT	13127750	5	Jun 03, 2017	2.62	2.62	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 02, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	Jun 04, 2017	1.47	1.86	1.47	100.0%
18960601	192	1405	Upper Eastside &	13132101	2	Jun 04, 2017	0.04	0.04	0.04	100.0%
18960601	45	998	Lower Eastside &	13132291	2	Jun 04, 2017	0.10	0.13	0.10	100.0%
18960601	144	741	Lower Eastside &	13132291	2	Jun 04, 2017	0.70	0.89	0.70	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	Jun 04, 2017	0.04	0.04	0.04	100.0%
18960601	180	278	Upper Eastside &	13132101	2	Jun 04, 2017	0.41	0.52	0.41	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 04, 2017	2.40	3.04	2.40	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 04, 2017	0.14	0.18	0.14	100.0%
18960601	263	397	MOORE	13132050	4	Jun 04, 2017	0.35	0.44	0.35	100.0%
18960601	15	1106	MOORE	13132050	4	Jun 04, 2017	1.17	1.48	1.17	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 04, 2017	0.23	0.29	0.23	100.0%
18960601	417	381	MOORE	13132050	4	Jun 04, 2017	2.40	3.04	2.40	100.0%
18960601	96	457	MOORE	13132050	4	Jun 04, 2017	0.92	1.16	0.92	100.0%
18960601	417	992	MOORE	13132050	4	Jun 04, 2017	1.20	1.52	1.20	100.0%
18960601	96	461	MOORE	13132050	4	Jun 04, 2017	0.09	0.11	0.09	100.0%
18960601	459	993	MOORE	13132050	4	Jun 04, 2017	0.40	0.51	0.40	100.0%
18960601	263	399	MOORE	13132050	4	Jun 04, 2017	0.27	0.34	0.27	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 04, 2017	0.40	0.51	0.40	100.0%
18960601	339	1118	MOORE	13132050	4	Jun 04, 2017	1.57	1.99	1.57	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 04, 2017	0.32	0.40	0.32	100.0%
18960601	463	128	MOORE	13132050	4	Jun 04, 2017	1.60	2.02	1.60	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jun 03, 2017	1.15	1.15	1.15	100.0%
18960601	252	359	DARLINGTON	13127735	5	Jun 03, 2017	0.89	0.89	0.89	100.0%
18960601	56	118	MACKAY DAM	13126000	7	Jun 02, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 04, 2017	2.00	3.64	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	Jun 03, 2017	1.32	1.32	1.14	86.4%
18960801	280	1186	SHARP	13126500	6	Jun 02, 2017	0.10	0.10	0.10	100.0%

18960901	437	671	ARCO	13132365	2	Jun 04, 2017	0.13	0.24	0.13	100.0%
18960901	427	672	ARCO	13132365	2	Jun 04, 2017	0.32	0.58	0.32	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 04, 2017	0.51	0.93	0.51	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 04, 2017	1.97	3.59	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 04, 2017	0.03	0.05	0.03	100.0%
18960928	392	840	MUNSEY	13132375	2	Jun 04, 2017	3.86	7.02	3.86	100.0%
18970510	437	664	ARCO	13132365	2	Jun 04, 2017	1.74	3.17	1.74	100.0%
18970510	427	6	ARCO	13132365	2	Jun 04, 2017	3.93	7.16	3.93	100.0%
18970510	73	192	BURNETT	13127750	5	Jun 03, 2017	0.58	0.58	0.58	100.0%
18970510	73	191	BURNETT	13127750	5	Jun 03, 2017	0.92	0.92	0.92	100.0%
18970515	604	43	Lower Eastside &	13132291	2	Jun 04, 2017	1.34	1.70	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 01, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 03, 2017	3.20	3.20	3.20	100.0%
18970615	180	280	Upper Eastside &	13132101	2	Jun 04, 2017	0.13	0.16	0.13	100.0%
18970615	144	744	Lower Eastside &	13132291	2	Jun 04, 2017	0.24	0.30	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 02, 2017	2.40	2.40	2.40	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	Jun 04, 2017	0.65	0.82	0.65	100.0%
18980601	192	1406	Upper Eastside &	13132101	2	Jun 04, 2017	0.09	0.12	0.09	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 04, 2017	0.50	0.91	0.50	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 01, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 01, 2017	2.01	2.01	2.01	100.0%
18980901	344	597	ARCO	13132365	2	Jun 04, 2017	0.04	0.07	0.04	100.0%
18980901	344	820	ARCO	13132365	2	Jun 04, 2017	0.06	0.11	0.06	100.0%
18980901	122	821	ARCO	13132365	2	Jun 04, 2017	0.10	0.18	0.10	100.0%
18980901	268	562	ARCO	13132365	2	Jun 04, 2017	1.57	2.86	1.57	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 02, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 02, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	Jun 04, 2017	0.92	1.16	0.92	100.0%
18990327	604	437	Lower Eastside &	13132291	2	Jun 04, 2017	0.13	0.16	0.13	100.0%
18990327	180	468	Upper Eastside &	13132101	2	Jun 04, 2017	0.05	0.06	0.05	100.0%
18990327	604	41	Lower Eastside &	13132291	2	Jun 04, 2017	0.84	1.06	0.84	100.0%
18990327	433	272	MOORE	13132050	4	Jun 04, 2017	0.48	0.61	0.48	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 04, 2017	0.01	0.01	0.01	100.0%
18990327	459	1090	MOORE	13132050	4	Jun 04, 2017	0.60	0.76	0.60	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 04, 2017	2.80	5.10	2.80	100.0%
18990518	138	443	BURNETT	13127750	5	Jun 03, 2017	0.02	0.02	0.02	100.0%
18990518	73	204	BURNETT	13127750	5	Jun 03, 2017	0.09	0.09	0.09	100.0%
18990518	73	203	BURNETT	13127750	5	Jun 03, 2017	0.25	0.25	0.25	100.0%
18990518	151	1044	BURNETT	13127750	5	Jun 03, 2017	0.15	0.15	0.15	100.0%
18990601	201	705	SWAUGER	13127600	5	Jun 03, 2017	0.28	0.28	0.28	100.0%
18990601	490	981	BURNETT	13127750	5	Jun 03, 2017	0.80	0.80	0.80	100.0%
18990601	165	982	BURNETT	13127750	5	Jun 03, 2017	0.80	0.80	0.80	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 01, 2017	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 01, 2017	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jun 04, 2017	0.80	1.46	0.80	100.0%
19000323	77	44	MOORE	13132050	4	Jun 04, 2017	0.30	0.38	0.30	100.0%
19000601	386	270	SUTTER	13128105	5	Jun 03, 2017	0.08	0.08	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 01, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 02, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 02, 2017	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	Jun 04, 2017	0.10	0.13	0.10	100.0%
19010901	459	340	MOORE	13132050	4	Jun 04, 2017	0.23	0.29	0.23	100.0%
19010901	433	685	MOORE	13132050	4	Jun 04, 2017	0.50	0.63	0.50	100.0%
19010901	151	1039	BURNETT	13127750	5	Jun 03, 2017	0.04	0.04	0.04	100.0%
19010901	138	439	BURNETT	13127750	5	Jun 03, 2017	0.02	0.02	0.02	100.0%
19011001	263	396	MOORE	13132050	4	Jun 04, 2017	0.14	0.18	0.14	100.0%
19020103	548	1436	BRADSHAW	13120705	9	Jun 01, 2017	2.60	2.60	2.60	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	Jun 04, 2017	0.20	0.25	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 04, 2017	0.31	0.39	0.31	100.0%
19020301	15	81	MOORE	13132050	4	Jun 04, 2017	0.20	0.26	0.20	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	Jun 02, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 01, 2017	0.90	0.90	0.90	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 01, 2017	3.85	3.85	3.85	100.0%
19020301	307	834	CHILLY	13121105	9	Jun 01, 2017	2.40	2.40	2.40	100.0%

19020301	310	836	CHILLY	13121105	9	Jun 01, 2017	0.80	0.80	0.80	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 01, 2017	3.40	3.40	3.40	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 01, 2017	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 01, 2017	3.20	3.20	3.20	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 01, 2017	1.60	1.60	1.60	100.0%
19020304	129	1062	CHILLY	13121105	9	Jun 01, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 01, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 01, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 04, 2017	1.38	1.75	1.38	100.0%
19020501	310	631	CHILLY	13121105	9	Jun 01, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	May 31, 2017	0.62	0.62	0.62	100.0%
19020601	16	1014	MOORE	13132050	4	Jun 04, 2017	0.92	1.16	0.92	100.0%
19020601	339	1015	MOORE	13132050	4	Jun 04, 2017	0.66	0.84	0.66	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 02, 2017	3.70	3.70	3.70	100.0%
19020601	154	838	Freeman Ditch	13124165	8	Jun 02, 2017	1.50	1.50	1.50	100.0%
19020701	548	1435	BRADSHAW	13120705	9	Jun 01, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 01, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 02, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 02, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	Jun 04, 2017	1.46	1.85	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	Jun 03, 2017	0.08	0.08	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	Jun 03, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	Jun 01, 2017	1.40	1.40	1.40	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 02, 2017	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 02, 2017	0.13	0.13	0.13	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 01, 2017	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 01, 2017	0.02	0.02	0.02	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 01, 2017	1.30	1.30	1.30	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 01, 2017	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 01, 2017	0.65	0.65	0.65	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 01, 2017	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 01, 2017	0.30	0.30	0.30	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 01, 2017	0.50	0.50	0.50	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 01, 2017	3.00	3.00	3.00	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 01, 2017	0.58	0.58	0.58	100.0%
19050501	310	115	CHILLY	13121105	9	Jun 01, 2017	1.90	1.90	1.90	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 01, 2017	1.10	1.10	1.10	100.0%
19050501	129	1063	CHILLY	13121105	9	Jun 01, 2017	0.80	0.80	0.80	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 01, 2017	0.40	0.40	0.40	100.0%
19050501	483	1501	LONGHURST	13121505	9	Jun 01, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	May 31, 2017	2.58	2.58	2.58	100.0%
19060501	185	392	Upper Eastside &	13132101	2	Jun 04, 2017	0.19	0.24	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	Jun 01, 2017	0.50	0.50	0.50	100.0%
19060630	483	1513	LONGHURST	13121505	9	Jun 01, 2017	1.08	1.08	1.08	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 01, 2017	1.52	1.52	1.52	100.0%
19070501	575	322	NEILSEN	13120805	9	Jun 01, 2017	1.48	1.48	1.48	100.0%
19070508	483	1276	LONGHURST	13121505	9	Jun 01, 2017	1.30	1.30	1.30	100.0%
19080401	314	73	NEILSEN	13120805	9	Jun 01, 2017	2.04	2.04	2.04	100.0%
19080401	483	848	LONGHURST	13121505	9	Jun 01, 2017	2.10	2.10	2.10	100.0%
19080715	364	692	CHILLY	13121105	9	Jun 01, 2017	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 04, 2017	0.33	0.42	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	Jun 02, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 02, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 01, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	Jun 01, 2017	0.80	0.80	0.80	100.0%
19120227	364	954	CHILLY	13121105	9	Jun 01, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 02, 2017	1.20	1.20	1.20	100.0%
19120401	483	13	LONGHURST	13121505	9	Jun 01, 2017	1.71	1.71	1.71	100.0%
19120501	310	632	CHILLY	13121105	9	Jun 01, 2017	0.80	0.80	0.80	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 01, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	Jun 01, 2017	0.03	0.03	0.03	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 01, 2017	1.70	1.70	1.70	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 01, 2017	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 01, 2017	2.40	2.40	2.40	100.0%

19131206	575	1379	NEILSEN	13120805	9	Jun 01, 2017	1.72	1.72	1.72	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 01, 2017	1.60	1.60	1.60	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 01, 2017	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 01, 2017	0.18	0.18	0.18	100.0%
19150504	310	636	CHILLY	13121105	9	Jun 01, 2017	0.42	0.42	0.42	100.0%
19150504	373	434	CHILLY	13121105	9	Jun 01, 2017	0.59	0.59	0.59	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 01, 2017	1.58	1.58	1.58	100.0%
19160501	373	26	CHILLY	13121105	9	Jun 01, 2017	0.41	0.41	0.41	100.0%
19160501	129	633	CHILLY	13121105	9	Jun 01, 2017	0.80	0.80	0.80	100.0%
19160501	310	634	CHILLY	13121105	9	Jun 01, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 02, 2017	1.36	1.36	1.36	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 01, 2017	0.80	0.80	0.80	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 02, 2017	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	Jun 04, 2017	0.79	1.44	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jun 04, 2017	0.01	0.02	0.01	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 02, 2017	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 04, 2017	0.50	0.63	0.50	100.0%
19600824	185	390	Upper Eastside &	13132101	2	Jun 04, 2017	0.11	0.14	0.11	100.0%
19740402	150	220	MUNSEY	13132375	2	Jun 04, 2017	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 04, 2017	4.38	7.97	4.38	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 04, 2017	16.00	29.12	16.00	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 04, 2017	33.30	42.13	33.30	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 04, 2017	15.20	19.23	15.20	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 03, 2017	27.92	27.92	27.92	100.0%
19950411	476	1273	NEILSEN	13120805	9	Jun 01, 2017	4.00	4.00	4.00	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 01, 2017	10.00	10.00	10.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	Jun 02, 2017	10000.00	10000.00	2519.99	25.2%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 1	3260.0	4.8		3264.8	0.00	3264.8	4.8	0.0		3260.0	0.0	
9	Howell to Chilly	Jun 2	6.3	164.5		-3089.2	0.95	175.6	139.7	24.8		31.1	-24.8	
8	Chilly to Reservoir	* Jun 3	2821.2	76.2		2891.1	0.00	3066.7	71.5	4.7		2850.7	-29.5	
	Disconnected													
7	Mackay Reservoir	* Jun 3	1919.0	0.0		2821.2	0.00	2821.2	2307.5			513.7		
6	Reservoir to 2B	Jun 3	1900.0	19.0		0.0	0.00	2810.1	11.1	7.9		502.6	1397.4	
5	2B to Leslie	Jun 4	1520.0	199.0		-181.0	0.10	2638.0	124.2	74.8		330.5	1189.5	
4	Leslie to Eastside In	Jun 5	955.8	205.4		-358.8	0.24	2422.6	137.4	68.0		115.1	840.7	
2a	Eastside In To Weirs	* Jun 5	804.4	12.9	0.0	-138.5	0.14	2390.8	15.1	-2.2		83.3	721.1	0.0
2b	Weirs To Eastside Out	* Jun 5	652.9	10.5	0.0	-141.0	0.18	2364.6	11.7	-1.2		57.1	595.8	0.0
2c	Eastside Out To Blw Muns	* Jun 5	525.7	127.2	0.0	0.0	0.00	2307.5	57.1	70.1	0.0	0.0	525.7	0.0
1	Blw Munsey to Arco	Jun 5	440.0	0.0		-85.7	0.16	2299.3	0.0	0.0		0.0	525.7	
3	River blw Moore Div	Jun 5	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	2880.0	247.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	Jun 1	0.0		20090101	23%	1	18800630	3.2	556.5	215.8	
9	Howell to Chilly	Jun 2	-3089.2		20090101	23%	2	18810630	1.7	294.0	114.6	
8	Chilly to Reservoir	Jun 3	0.0		20090101	23%	3	18880601	3.2	556.5	215.8	
	Disconnected						4	18960601	6.4	1113.0	431.6	
7	Mackay Reservoir	Jun 3	0.0		20090101	23%	5	19020301	0.8	140.0	54.0	
6	Reservoir to 2B	Jun 3	0.0	0.0	20090101	23%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	Jun 4	-47.9	-133.1	20090101	23%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	Jun 5	-78.0	-280.8	20090101	23%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	Jun 5	-16.7	-121.8	0.0	20090101	23%	9	Add Vol	Unlimited	200000.0	106342.6
2b	Weirs To Eastside Out	Jun 5	-14.6	-126.4	0.0	20090101	23%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	Jun 5	0.0	0.0	0.0	20090101	23%		TOTAL		296511.0	151225.4
1	Blw Munsey to Arco	Jun 5	0.0	-525.7	0.0	20090101	23%					
3	River blw Moore Div	Jun 5	0.0	0.0		20090101	23%					
	TOTAL		-3246.4	-1188.7	0.0							

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
31360.0	33130.0		1770.0	892.4	9.8	356.5	216.6	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	82525.4
Total Storage Loss	-54054.7
Total Storage Deliver	-11345.2
Total Evaporation	-476.0
Accounting Balance	<u>33129.4</u>
Current Res Content	33130.0
Storage Balance Error	-0.6

DAILY STORAGE BALANCE

31360.0 Reservoir Content Previous Day [ac-ft]
33130.0 Reservoir Content Current Day [ac-ft]
1770.0 Physical Change in Storage [ac-ft]

4576.9 Storage Allocated to Mackay Reservoir [ac-ft]
-2357.8 Stored Flow Losses [ac-ft]
-133.1 2B to Leslie [cfs]
-280.8 Leslie to Moore [cfs]
-774.8 Eastside [cfs]
0.0 River blw Moore [cfs]
-429.6 Storage Delivered [ac-ft]
7.9 Reservoir to 2B [cfs]
74.8 2B to Leslie [cfs]
68.0 Leslie to Moore [cfs]
65.9 Eastside to blw Munsey [cfs]
-19.5 Evaporation [ac-ft]
1770.0 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

2821.2 Natural Flow into Mackay Reservoir [cfs]

2307.5 Reservoir Rights Diverted [cfs]
149.8 Natural Flow Losses below Reservoir [cfs]
-47.9 2B to Leslie [cfs]
-78.0 Leslie to Moore [cfs]
-23.9 Eastside as River [cfs]
364.0 Natural Flow Delivered [cfs]
11.1 Reservoir to 2B [cfs]
124.2 2B to Leslie [cfs]
137.4 Leslie to Moore [cfs]
91.3 Eastside to blw Munsey [cfs]
2821.3 Natural Flow Delivered & Lost [cfs]

-0.1 Balance [CFS]

Upper Eastside And Island Details										
	Inflow			Outflow				Calculations		
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	Flow Out
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	955.8			12.9	-2.2	402.2	402.2	-138.5	14.5%	804.4
Natural Flow	115.1			15.1	-2.6			-16.7		83.3
Stored Flow	840.7			-2.2	0.4			-121.8		721.1
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details										
	Inflow			Outflow			Calculations			
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss	
Gage #	13132159	13132292		13132291		13132350				
Actual Flow	402.2	402.2		10.5	-4.4	652.9	-141.0	17.5%	-272.9	
Natural Flow				11.7	-4.9	57.1	-14.6		-23.9	
Stored Flow				-1.2	0.5	595.8	-126.4		-249.1	
Exchange Flow			0.0			0.0	0.0			

End of Reach Details				
	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	652.9	127.2	525.7	
Natural Flow	57.1	57.1	0.0	
Stored Flow	595.8	70.1	525.7	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations					
	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060		13132350	
Actual Flow	30.0	925.8	12.7	791.7	652.9
Natural Flow	34.2	80.9	14.2	69.2	57.1
Stored Flow	-4.2	844.9	-1.4	722.5	595.8
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	19.0	7.9	187.3
9 KENT	6.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	36.0	17.4	548.6
9 BITTON	0.0	6.0	81.3	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.0	6.0	284.6	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	26.0	0.0	11.7
9 Thalman Hunter D	8.0	8.0	232.1	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	101.0	26.6	1687.4
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	30.0	28.2	1648.4
9 NEILSEN	46.5	4.4	258.2	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	2.0	0.0	11.9	5 SUTTER	6.0	2.6	132.5
9 CHILLY	66.0	0.4	223.7	8 Broken River Dit	2.0	2.0	27.8	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	15.0	8.3	664.6
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	2.4	2.4	4.8
9 LONGHURST	25.0	0.0	269.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.5	0.3	6.0	4 3IN1	43.0	4.8	353.8
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	145.0	52.4	3459.3
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	147.6	2 EASTSIDE FHDiv	30.0	-4.2	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	1.5	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	57.7	595.8	29251.8
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.5	0.3	1.2	2 MUNSEY	69.5	595.8	29251.8
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	1.2	1.2	4.8	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	1.8	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	0.0	48.4	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 02, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 02, 2017	4.36	4.36	4.36	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 03, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 03, 2017	0.01	0.01	0.01	100.0%
18800601	370	530	ARCO	13132365	2	Jun 05, 2017	0.15	0.31	0.15	100.0%
18800601	93	723	ARCO	13132365	2	Jun 05, 2017	0.04	0.08	0.04	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	Jun 03, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	Jun 03, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 03, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 03, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 03, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 02, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 03, 2017	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 05, 2017	0.79	1.14	0.79	100.0%
18830601	645	464	MOORE	13132050	4	Jun 05, 2017	0.11	0.16	0.11	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 05, 2017	1.16	1.68	1.16	100.0%
18830601	224	854	MOORE	13132050	4	Jun 05, 2017	2.76	3.99	2.76	100.0%
18830601	22	1083	MOORE	13132050	4	Jun 05, 2017	0.06	0.09	0.06	100.0%
18830630	223	1192	Upper Eastside &	13132101	2	Jun 05, 2017	1.66	2.40	1.66	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	Jun 05, 2017	0.43	0.62	0.43	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	Jun 05, 2017	0.21	0.31	0.21	100.0%
18830810	192	1109	Upper Eastside &	13132101	2	Jun 05, 2017	0.21	0.31	0.21	100.0%
18830810	2332	1088	MOORE	13132050	4	Jun 05, 2017	1.50	2.17	1.50	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 05, 2017	0.18	0.26	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 05, 2017	0.48	0.69	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jun 05, 2017	0.18	0.26	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	Jun 04, 2017	0.68	0.75	0.68	100.0%
18840422	236	30	BECK	13130525	4	Jun 05, 2017	1.64	2.37	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 05, 2017	0.14	0.20	0.14	100.0%
18840422	201	83	SWAUGER	13127600	5	Jun 04, 2017	1.12	1.24	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 04, 2017	0.07	0.08	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 04, 2017	0.82	0.90	0.82	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 04, 2017	0.18	0.20	0.18	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 04, 2017	1.63	1.80	1.63	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 04, 2017	0.20	0.22	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 04, 2017	0.96	1.06	0.96	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 04, 2017	1.44	1.59	1.44	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 04, 2017	0.55	0.61	0.55	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 04, 2017	2.17	2.40	2.17	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 04, 2017	1.92	2.12	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 04, 2017	0.50	0.55	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 04, 2017	2.00	2.21	2.00	100.0%
18840422	2525	407	SHARP	13126500	6	Jun 03, 2017	0.08	0.08	0.08	100.0%
18840422	390	406	SHARP	13126500	6	Jun 03, 2017	0.09	0.09	0.09	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 03, 2017	0.64	0.64	0.64	100.0%
18840422	397	10	SHARP	13126500	6	Jun 03, 2017	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	Jun 03, 2017	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	Jun 03, 2017	3.36	3.36	3.36	100.0%
18840422	544	1067	SHARP	13126500	6	Jun 03, 2017	1.00	1.00	1.00	100.0%
18840422	632	1539	SHARP	13126500	6	Jun 03, 2017	0.12	0.12	0.12	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 04, 2017	0.06	0.07	0.06	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 04, 2017	0.80	0.88	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 04, 2017	0.40	0.44	0.40	100.0%
18840430	623	1519	BURNETT	13127750	5	Jun 04, 2017	0.40	0.44	0.40	100.0%
18840430	73	194	BURNETT	13127750	5	Jun 04, 2017	0.77	0.85	0.77	100.0%
18840430	73	193	BURNETT	13127750	5	Jun 04, 2017	1.23	1.36	1.23	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 03, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 03, 2017	0.22	0.22	0.22	100.0%
18840520	604	436	Lower Eastside &	13132291	2	Jun 05, 2017	1.15	1.66	1.15	100.0%

18840520	180	470	Upper Eastside &	13132101	2	Jun 05, 2017	0.16	0.23	0.16	100.0%
18840520	187	16	Lower Eastside &	13132291	2	Jun 05, 2017	0.16	0.23	0.16	100.0%
18840520	251	796	Upper Eastside &	13132101	2	Jun 05, 2017	0.80	1.16	0.80	100.0%
18840520	645	462	MOORE	13132050	4	Jun 05, 2017	0.27	0.39	0.27	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 05, 2017	0.01	0.01	0.01	100.0%
18840520	459	797	MOORE	13132050	4	Jun 05, 2017	1.20	1.74	1.20	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 05, 2017	2.24	3.24	2.24	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 05, 2017	1.33	1.92	1.33	100.0%
18840520	2332	753	MOORE	13132050	4	Jun 05, 2017	0.42	0.61	0.42	100.0%
18840520	433	271	MOORE	13132050	4	Jun 05, 2017	0.54	0.78	0.54	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 05, 2017	0.96	1.39	0.96	100.0%
18840520	2335	265	MOORE	13132050	4	Jun 05, 2017	0.82	1.19	0.82	100.0%
18840520	2332	752	MOORE	13132050	4	Jun 05, 2017	0.36	0.52	0.36	100.0%
18840520	427	1	MOORE	13132050	4	Jun 05, 2017	0.80	1.16	0.80	100.0%
18840520	66	266	MOORE	13132050	4	Jun 05, 2017	0.02	0.03	0.02	100.0%
18840520	96	451	MOORE	13132050	4	Jun 05, 2017	0.58	0.84	0.58	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 05, 2017	0.22	0.32	0.22	100.0%
18840520	219	547	MOORE	13132050	4	Jun 05, 2017	1.10	1.59	1.10	100.0%
18840520	340	816	MOORE	13132050	4	Jun 05, 2017	0.28	0.41	0.28	100.0%
18840520	263	394	MOORE	13132050	4	Jun 05, 2017	0.22	0.32	0.22	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 04, 2017	0.72	0.80	0.72	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 05, 2017	0.09	0.13	0.09	100.0%
18840601	15	131	MOORE	13132050	4	Jun 05, 2017	0.37	0.53	0.37	100.0%
18840601	263	395	MOORE	13132050	4	Jun 05, 2017	0.08	0.12	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 05, 2017	0.54	0.78	0.54	100.0%
18840601	96	453	MOORE	13132050	4	Jun 05, 2017	0.21	0.30	0.21	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 05, 2017	1.28	1.85	1.28	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 05, 2017	0.08	0.12	0.08	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 04, 2017	0.80	0.88	0.80	100.0%
18840601	623	1504	BURNETT	13127750	5	Jun 04, 2017	0.27	0.29	0.27	100.0%
18840601	623	1505	BURNETT	13127750	5	Jun 04, 2017	0.40	0.44	0.40	100.0%
18840601	623	1493	BURNETT	13127750	5	Jun 04, 2017	0.20	0.22	0.20	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 04, 2017	0.80	0.88	0.80	100.0%
18840601	73	199	BURNETT	13127750	5	Jun 04, 2017	0.37	0.41	0.37	100.0%
18840601	73	200	BURNETT	13127750	5	Jun 04, 2017	0.23	0.25	0.23	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 04, 2017	0.73	0.81	0.73	100.0%
18840601	138	441	BURNETT	13127750	5	Jun 04, 2017	0.04	0.04	0.04	100.0%
18840601	151	1042	BURNETT	13127750	5	Jun 04, 2017	0.23	0.25	0.23	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 03, 2017	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 02, 2017	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 02, 2017	0.80	0.80	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 05, 2017	1.20	1.74	1.20	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 05, 2017	1.20	1.74	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 05, 2017	0.74	1.07	0.74	100.0%
18840715	15	799	MOORE	13132050	4	Jun 05, 2017	0.80	1.16	0.80	100.0%
18840715	115	323	MOORE	13132050	4	Jun 05, 2017	0.74	1.07	0.74	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 05, 2017	0.80	1.16	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 05, 2017	0.80	1.16	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Jun 05, 2017	0.80	1.16	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	Jun 05, 2017	0.20	0.29	0.20	100.0%
18840831	638	772	Upper Eastside &	13132101	2	Jun 05, 2017	0.40	0.58	0.40	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	Jun 05, 2017	0.44	0.64	0.44	100.0%
18840831	180	276	Upper Eastside &	13132101	2	Jun 05, 2017	1.31	1.90	1.31	100.0%
18840831	251	773	Upper Eastside &	13132101	2	Jun 05, 2017	0.50	0.72	0.50	100.0%
18840831	192	772	Upper Eastside &	13132101	2	Jun 05, 2017	0.40	0.58	0.40	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 03, 2017	1.74	1.74	1.74	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 04, 2017	0.40	0.44	0.40	100.0%
18840914	623	1494	BURNETT	13127750	5	Jun 04, 2017	0.40	0.44	0.40	100.0%
18841012	205	557	BECK	13130525	4	Jun 05, 2017	1.76	2.55	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 05, 2017	1.25	1.81	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jun 05, 2017	0.58	0.84	0.58	100.0%
18841012	70	341	MOORE	13132050	4	Jun 05, 2017	0.31	0.45	0.31	100.0%
18841012	347	1141	SWAUGER	13127600	5	Jun 04, 2017	0.22	0.24	0.22	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 04, 2017	3.30	3.65	3.30	100.0%

18841012	317	385	SWAUGER	13127600	5	Jun 04, 2017	0.74	0.82	0.74	100.0%
18841012	190	418	SWAUGER	13127600	5	Jun 04, 2017	0.11	0.12	0.11	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 04, 2017	0.80	0.88	0.80	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 04, 2017	0.81	0.90	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 04, 2017	2.77	3.06	2.77	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 04, 2017	2.78	3.07	2.78	100.0%
18841012	440	1256	DARLINGTON	13127735	5	Jun 04, 2017	0.75	0.83	0.75	100.0%
18841012	347	1141	SHARP	13126500	6	Jun 03, 2017	0.89	0.89	0.89	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 04, 2017	1.10	1.22	1.10	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 04, 2017	0.79	0.87	0.79	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 04, 2017	2.00	2.21	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jun 04, 2017	0.61	0.67	0.61	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 04, 2017	1.65	1.82	1.65	100.0%
18850501	672	1630	Lower Eastside &	13132291	2	Jun 05, 2017	0.20	0.29	0.20	100.0%
18850501	672	1629	Lower Eastside &	13132291	2	Jun 05, 2017	1.80	2.60	1.80	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	Jun 05, 2017	1.50	2.17	1.50	100.0%
18850501	468	59	ARCO	13132365	2	Jun 05, 2017	0.74	1.52	0.74	100.0%
18850501	675	1623	ARCO	13132365	2	Jun 05, 2017	0.22	0.45	0.22	100.0%
18850501	426	887	ARCO	13132365	2	Jun 05, 2017	0.42	0.86	0.42	100.0%
18850501	423	87	Lower Eastside &	13132291	2	Jun 05, 2017	0.20	0.29	0.20	100.0%
18850501	423	186	Lower Eastside &	13132291	2	Jun 05, 2017	0.26	0.38	0.26	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 02, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 02, 2017	2.80	2.80	2.80	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	Jun 05, 2017	0.20	0.29	0.20	100.0%
18850512	192	1399	Upper Eastside &	13132101	2	Jun 05, 2017	0.20	0.29	0.20	100.0%
18850512	251	22	Upper Eastside &	13132101	2	Jun 05, 2017	0.74	1.07	0.74	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 05, 2017	1.48	2.14	1.48	100.0%
18850530	282	1190	SUTTER	13128105	5	Jun 04, 2017	0.20	0.22	0.20	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 05, 2017	1.10	1.59	1.10	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 04, 2017	3.20	3.54	3.20	100.0%
18850601	205	554	BECK	13130525	4	Jun 05, 2017	0.59	0.85	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Jun 05, 2017	0.50	0.72	0.50	100.0%
18850601	20	949	DARLINGTON	13127735	5	Jun 04, 2017	0.40	0.44	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 04, 2017	2.60	2.87	2.60	100.0%
18850601	212	315	DARLINGTON	13127735	5	Jun 04, 2017	0.94	1.04	0.94	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 04, 2017	1.54	1.70	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	Jun 03, 2017	0.80	0.80	0.80	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 03, 2017	1.16	1.16	1.16	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 02, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 04, 2017	2.96	3.27	2.96	100.0%
18851002	437	62	ARCO	13132365	2	Jun 05, 2017	1.54	3.16	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 05, 2017	3.60	7.39	3.60	100.0%
18851002	93	726	ARCO	13132365	2	Jun 05, 2017	0.50	1.03	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	Jun 05, 2017	1.16	2.38	1.16	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 03, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	Jun 05, 2017	4.20	6.08	4.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 05, 2017	0.86	1.25	0.86	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 05, 2017	2.80	4.05	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 05, 2017	1.20	1.74	1.20	100.0%
18860512	634	1543	Upper Eastside &	13132101	2	Jun 05, 2017	0.41	0.59	0.41	100.0%
18860512	263	398	MOORE	13132050	4	Jun 05, 2017	0.18	0.26	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 05, 2017	0.48	0.69	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 05, 2017	0.18	0.26	0.18	100.0%
18860601	482	867	Upper Eastside &	13132101	2	Jun 05, 2017	1.24	1.79	1.24	100.0%
18860601	69	881	Upper Eastside &	13132101	2	Jun 05, 2017	1.42	2.05	1.42	100.0%
18860601	339	1010	MOORE	13132050	4	Jun 05, 2017	0.68	0.98	0.68	100.0%
18860601	16	1009	MOORE	13132050	4	Jun 05, 2017	2.52	3.65	2.52	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 04, 2017	1.60	1.77	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 03, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 03, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	Jun 05, 2017	0.84	1.22	0.84	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 04, 2017	0.80	0.88	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	Jun 04, 2017	3.00	3.32	3.00	100.0%
18860901	256	931	MUNSEY	13132375	2	Jun 05, 2017	0.16	0.33	0.16	100.0%

18860901	256	759	MUNSEY	13132375	2	Jun 05, 2017	0.34	0.70	0.34	100.0%
18860901	256	758	MUNSEY	13132375	2	Jun 05, 2017	2.20	4.51	2.20	100.0%
18860901	165	1248	BURNETT	13127750	5	Jun 04, 2017	1.60	1.77	1.60	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 03, 2017	3.20	3.20	3.20	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	Jun 05, 2017	0.80	1.16	0.80	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 05, 2017	3.20	4.63	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jun 05, 2017	0.94	1.36	0.94	100.0%
18870313	433	683	MOORE	13132050	4	Jun 05, 2017	0.70	1.01	0.70	100.0%
18870313	459	338	MOORE	13132050	4	Jun 05, 2017	0.42	0.61	0.42	100.0%
18870313	70	337	MOORE	13132050	4	Jun 05, 2017	0.23	0.33	0.23	100.0%
18870313	73	202	BURNETT	13127750	5	Jun 04, 2017	0.65	0.72	0.65	100.0%
18870313	73	201	BURNETT	13127750	5	Jun 04, 2017	1.05	1.16	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 02, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 03, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 05, 2017	2.30	4.72	2.30	100.0%
18870601	423	76	Lower Eastside &	13132291	2	Jun 05, 2017	0.22	0.32	0.22	100.0%
18870601	423	1028	Lower Eastside &	13132291	2	Jun 05, 2017	1.24	1.79	1.24	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 05, 2017	1.00	1.45	1.00	100.0%
18870601	252	353	DARLINGTON	13127735	5	Jun 04, 2017	0.43	0.48	0.43	100.0%
18870601	73	196	BURNETT	13127750	5	Jun 04, 2017	0.69	0.76	0.69	100.0%
18870601	73	195	BURNETT	13127750	5	Jun 04, 2017	1.11	1.23	1.11	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 04, 2017	0.30	0.33	0.30	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 03, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 03, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 02, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 02, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	Jun 05, 2017	0.80	1.16	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 04, 2017	0.80	0.88	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Jun 04, 2017	0.80	0.88	0.80	100.0%
18870630	165	980	BURNETT	13127750	5	Jun 04, 2017	0.80	0.88	0.80	100.0%
18870801	73	189	BURNETT	13127750	5	Jun 04, 2017	0.62	0.69	0.62	100.0%
18870801	623	1508	BURNETT	13127750	5	Jun 04, 2017	0.53	0.59	0.53	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 04, 2017	0.27	0.29	0.27	100.0%
18870801	73	190	BURNETT	13127750	5	Jun 04, 2017	0.38	0.42	0.38	100.0%
18870831	623	1507	BURNETT	13127750	5	Jun 04, 2017	1.20	1.33	1.20	100.0%
18870831	119	1154	BURNETT	13127750	5	Jun 04, 2017	1.20	1.33	1.20	100.0%
18880601	437	670	ARCO	13132365	2	Jun 05, 2017	0.33	0.68	0.33	100.0%
18880601	427	669	ARCO	13132365	2	Jun 05, 2017	0.81	1.65	0.81	100.0%
18880601	201	1139	SWAUGER	13127600	5	Jun 04, 2017	0.98	1.08	0.98	100.0%
18880601	347	1138	SWAUGER	13127600	5	Jun 04, 2017	0.33	0.36	0.33	100.0%
18880601	347	1138	SHARP	13126500	6	Jun 03, 2017	1.35	1.35	1.35	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	Jun 03, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 02, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 02, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 01, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	Jun 05, 2017	0.90	1.30	0.90	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 05, 2017	0.40	0.82	0.40	100.0%
18890601	463	1396	MOORE	13132050	4	Jun 05, 2017	0.20	0.29	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	Jun 05, 2017	0.35	0.51	0.35	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 05, 2017	0.50	0.72	0.50	100.0%
18890601	119	996	BURNETT	13127750	5	Jun 04, 2017	0.40	0.44	0.40	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 04, 2017	1.20	1.33	1.20	100.0%
18890601	623	1503	BURNETT	13127750	5	Jun 04, 2017	0.80	0.88	0.80	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 04, 2017	2.70	2.98	2.70	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 04, 2017	1.26	1.39	1.26	100.0%
18900601	372	886	ARCO	13132365	2	Jun 05, 2017	0.59	1.21	0.59	100.0%
18900601	416	591	3IN1	13130605	4	Jun 05, 2017	0.75	1.09	0.75	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 03, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 03, 2017	3.20	3.20	3.20	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 02, 2017	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 02, 2017	1.76	1.76	1.76	100.0%
18910630	205	555	BECK	13130525	4	Jun 05, 2017	0.99	1.43	0.99	100.0%
18910630	2332	1254	MOORE	13132050	4	Jun 05, 2017	0.48	0.69	0.48	100.0%
18910630	2332	1255	MOORE	13132050	4	Jun 05, 2017	0.28	0.41	0.28	100.0%

18910630	44	1253	MOORE	13132050	4	Jun 05, 2017	0.70	1.01	0.70	100.0%
18910630	44	1003	MOORE	13132050	4	Jun 05, 2017	0.76	1.10	0.76	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 02, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 03, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 03, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jun 05, 2017	0.22	0.32	0.22	100.0%
18930323	77	688	MOORE	13132050	4	Jun 05, 2017	1.50	2.17	1.50	100.0%
18930323	77	366	MOORE	13132050	4	Jun 05, 2017	1.60	2.31	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 03, 2017	0.74	0.74	0.74	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 04, 2017	0.70	0.77	0.70	100.0%
18940310	265	1223	BURNETT	13127750	5	Jun 04, 2017	2.80	3.09	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 04, 2017	0.44	0.49	0.44	100.0%
18940310	386	268	SUTTER	13128105	5	Jun 04, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 02, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 03, 2017	2.98	2.98	2.00	67.1%
18940521	463	933	MOORE	13132050	4	Jun 05, 2017	0.80	1.16	0.80	100.0%
18940531	5	776	MOORE	13132050	4	Jun 05, 2017	0.20	0.29	0.20	100.0%
18940531	77	800	MOORE	13132050	4	Jun 05, 2017	0.74	1.07	0.74	100.0%
18940601	482	1301	Upper Eastside &	13132101	2	Jun 05, 2017	0.36	0.52	0.36	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	Jun 05, 2017	3.20	4.63	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jun 05, 2017	0.15	0.22	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jun 04, 2017	0.11	0.12	0.11	100.0%
18940601	2525	409	SHARP	13126500	6	Jun 03, 2017	0.02	0.02	0.02	100.0%
18940601	390	408	SHARP	13126500	6	Jun 03, 2017	0.11	0.11	0.11	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 02, 2017	1.20	1.20	1.20	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jun 04, 2017	0.38	0.42	0.38	100.0%
18940926	252	357	DARLINGTON	13127735	5	Jun 04, 2017	0.30	0.33	0.30	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	Jun 04, 2017	1.10	1.22	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 02, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	Jun 05, 2017	0.80	1.16	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jun 05, 2017	0.10	0.14	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	Jun 04, 2017	1.14	1.26	1.14	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 02, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 02, 2017	0.18	0.18	0.18	100.0%
18950610	416	592	3IN1	13130605	4	Jun 05, 2017	2.25	3.26	2.25	100.0%
18950630	265	1224	BURNETT	13127750	5	Jun 04, 2017	2.62	2.90	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 03, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	Jun 05, 2017	1.47	2.13	1.47	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	Jun 05, 2017	0.04	0.05	0.04	100.0%
18960601	192	1405	Upper Eastside &	13132101	2	Jun 05, 2017	0.04	0.05	0.04	100.0%
18960601	180	278	Upper Eastside &	13132101	2	Jun 05, 2017	0.41	0.59	0.41	100.0%
18960601	144	741	Lower Eastside &	13132291	2	Jun 05, 2017	0.70	1.01	0.70	100.0%
18960601	45	998	Lower Eastside &	13132291	2	Jun 05, 2017	0.10	0.14	0.10	100.0%
18960601	459	993	MOORE	13132050	4	Jun 05, 2017	0.40	0.58	0.40	100.0%
18960601	463	128	MOORE	13132050	4	Jun 05, 2017	1.60	2.31	1.60	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 05, 2017	2.40	3.47	2.40	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 05, 2017	0.32	0.46	0.32	100.0%
18960601	417	381	MOORE	13132050	4	Jun 05, 2017	2.40	3.47	2.40	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 05, 2017	0.14	0.20	0.14	100.0%
18960601	15	1106	MOORE	13132050	4	Jun 05, 2017	1.17	1.69	1.17	100.0%
18960601	96	461	MOORE	13132050	4	Jun 05, 2017	0.09	0.13	0.09	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 05, 2017	0.23	0.33	0.23	100.0%
18960601	339	1118	MOORE	13132050	4	Jun 05, 2017	1.57	2.27	1.57	100.0%
18960601	263	399	MOORE	13132050	4	Jun 05, 2017	0.27	0.39	0.27	100.0%
18960601	96	457	MOORE	13132050	4	Jun 05, 2017	0.92	1.33	0.92	100.0%
18960601	417	992	MOORE	13132050	4	Jun 05, 2017	1.20	1.74	1.20	100.0%
18960601	263	397	MOORE	13132050	4	Jun 05, 2017	0.35	0.51	0.35	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 05, 2017	0.40	0.58	0.40	100.0%
18960601	252	359	DARLINGTON	13127735	5	Jun 04, 2017	0.89	0.98	0.89	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jun 04, 2017	1.15	1.27	1.15	100.0%
18960601	56	118	MACKAY DAM	13126000	7	Jun 03, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 05, 2017	2.00	4.10	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	Jun 04, 2017	1.32	1.46	1.14	86.4%
18960801	544	1187	SHARP	13126500	6	Jun 03, 2017	0.58	0.58	0.58	100.0%

18960801	280	1186	SHARP	13126500	6	Jun 03, 2017	0.72	0.72	0.72	100.0%
18960901	437	671	ARCO	13132365	2	Jun 05, 2017	0.13	0.27	0.13	100.0%
18960901	427	672	ARCO	13132365	2	Jun 05, 2017	0.32	0.66	0.32	100.0%
18960928	392	840	MUNSEY	13132375	2	Jun 05, 2017	3.86	7.92	3.86	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 05, 2017	1.97	4.04	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 05, 2017	0.03	0.06	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 05, 2017	0.51	1.05	0.51	100.0%
18970510	427	6	ARCO	13132365	2	Jun 05, 2017	3.93	8.07	3.93	100.0%
18970510	437	664	ARCO	13132365	2	Jun 05, 2017	1.74	3.57	1.74	100.0%
18970510	73	191	BURNETT	13127750	5	Jun 04, 2017	0.92	1.02	0.92	100.0%
18970510	73	192	BURNETT	13127750	5	Jun 04, 2017	0.20	0.22	0.20	100.0%
18970515	604	43	Lower Eastside &	13132291	2	Jun 05, 2017	1.34	1.94	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 02, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 04, 2017	3.20	3.54	3.20	100.0%
18970615	180	280	Upper Eastside &	13132101	2	Jun 05, 2017	0.13	0.19	0.13	100.0%
18970615	144	744	Lower Eastside &	13132291	2	Jun 05, 2017	0.24	0.35	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 03, 2017	2.40	2.40	2.40	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	Jun 05, 2017	0.65	0.94	0.65	100.0%
18980601	192	1406	Upper Eastside &	13132101	2	Jun 05, 2017	0.09	0.13	0.09	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 05, 2017	0.50	1.03	0.50	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 02, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 02, 2017	2.01	2.01	2.01	100.0%
18980901	268	562	ARCO	13132365	2	Jun 05, 2017	1.57	3.22	1.57	100.0%
18980901	344	820	ARCO	13132365	2	Jun 05, 2017	0.06	0.12	0.06	100.0%
18980901	344	597	ARCO	13132365	2	Jun 05, 2017	0.04	0.08	0.04	100.0%
18980901	122	821	ARCO	13132365	2	Jun 05, 2017	0.10	0.21	0.10	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 03, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 03, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	Jun 05, 2017	0.92	1.33	0.16	17.0%
18990327	604	437	Lower Eastside &	13132291	2	Jun 05, 2017	0.13	0.18	0.13	100.0%
18990327	604	41	Lower Eastside &	13132291	2	Jun 05, 2017	0.84	1.22	0.84	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 05, 2017	0.01	0.01	0.01	100.0%
18990327	433	272	MOORE	13132050	4	Jun 05, 2017	0.48	0.69	0.48	100.0%
18990327	459	1090	MOORE	13132050	4	Jun 05, 2017	0.60	0.87	0.60	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 05, 2017	2.80	5.74	2.80	100.0%
18990518	151	1044	BURNETT	13127750	5	Jun 04, 2017	0.15	0.17	0.15	100.0%
18990518	138	443	BURNETT	13127750	5	Jun 04, 2017	0.02	0.02	0.02	100.0%
18990601	201	705	SWAUGER	13127600	5	Jun 04, 2017	0.28	0.31	0.28	100.0%
18990601	165	982	BURNETT	13127750	5	Jun 04, 2017	0.68	0.75	0.68	100.0%
18990601	490	981	BURNETT	13127750	5	Jun 04, 2017	0.80	0.88	0.80	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 02, 2017	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 02, 2017	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jun 05, 2017	0.80	1.64	0.80	100.0%
19000323	77	44	MOORE	13132050	4	Jun 05, 2017	0.30	0.43	0.30	100.0%
19000601	386	270	SUTTER	13128105	5	Jun 04, 2017	0.08	0.09	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 02, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 03, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 03, 2017	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jun 05, 2017	0.23	0.33	0.23	100.0%
19010901	433	685	MOORE	13132050	4	Jun 05, 2017	0.50	0.72	0.50	100.0%
19010901	70	339	MOORE	13132050	4	Jun 05, 2017	0.10	0.14	0.10	100.0%
19010901	138	439	BURNETT	13127750	5	Jun 04, 2017	0.02	0.02	0.02	100.0%
19011001	263	396	MOORE	13132050	4	Jun 05, 2017	0.14	0.20	0.14	100.0%
19020103	548	1436	BRADSHAW	13120705	9	Jun 02, 2017	2.60	2.60	2.60	100.0%
19020301	15	81	MOORE	13132050	4	Jun 05, 2017	0.20	0.29	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 05, 2017	0.31	0.44	0.31	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	Jun 03, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 02, 2017	0.90	0.90	0.90	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 02, 2017	3.40	3.40	3.40	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 02, 2017	3.85	3.85	3.85	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 02, 2017	3.20	3.20	3.20	100.0%
19020301	307	834	CHILLY	13121105	9	Jun 02, 2017	2.40	2.40	2.40	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 02, 2017	1.60	1.60	1.60	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 02, 2017	1.60	1.60	1.60	100.0%

19020301	310	836	CHILLY	13121105	9	Jun 02, 2017	0.80	0.80	0.80	100.0%
19020304	129	1062	CHILLY	13121105	9	Jun 02, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 02, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 02, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 05, 2017	1.38	2.00	1.38	100.0%
19020501	310	631	CHILLY	13121105	9	Jun 02, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 01, 2017	0.62	0.62	0.62	100.0%
19020601	339	1015	MOORE	13132050	4	Jun 05, 2017	0.66	0.95	0.66	100.0%
19020601	16	1014	MOORE	13132050	4	Jun 05, 2017	0.92	1.33	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 03, 2017	3.70	3.70	3.70	100.0%
19020601	154	838	Freeman Ditch	13124165	8	Jun 03, 2017	1.50	1.50	1.50	100.0%
19020701	548	1435	BRADSHAW	13120705	9	Jun 02, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 02, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 03, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 03, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	Jun 05, 2017	1.46	2.11	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	Jun 04, 2017	0.08	0.09	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	Jun 04, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	Jun 02, 2017	1.40	1.40	1.40	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 03, 2017	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 03, 2017	0.13	0.13	0.13	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 02, 2017	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 02, 2017	0.62	0.62	0.62	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 02, 2017	0.40	0.40	0.40	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 02, 2017	3.00	3.00	3.00	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 02, 2017	0.50	0.50	0.50	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 02, 2017	0.82	0.82	0.82	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 02, 2017	0.30	0.30	0.30	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 02, 2017	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 02, 2017	1.30	1.30	1.30	100.0%
19050501	310	115	CHILLY	13121105	9	Jun 02, 2017	1.90	1.90	1.90	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 02, 2017	0.58	0.58	0.58	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 02, 2017	1.10	1.10	1.10	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 02, 2017	0.40	0.40	0.40	100.0%
19050501	129	1063	CHILLY	13121105	9	Jun 02, 2017	0.80	0.80	0.80	100.0%
19050501	483	1501	LONGHURST	13121505	9	Jun 02, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 01, 2017	2.58	2.58	2.58	100.0%
19060620	364	691	CHILLY	13121105	9	Jun 02, 2017	0.50	0.50	0.50	100.0%
19060630	483	1513	LONGHURST	13121505	9	Jun 02, 2017	1.08	1.08	1.08	100.0%
19070501	575	322	NEILSEN	13120805	9	Jun 02, 2017	1.48	1.48	1.48	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 02, 2017	1.52	1.52	1.52	100.0%
19070508	483	1276	LONGHURST	13121505	9	Jun 02, 2017	1.30	1.30	1.30	100.0%
19080401	314	73	NEILSEN	13120805	9	Jun 02, 2017	2.04	2.04	2.04	100.0%
19080401	483	848	LONGHURST	13121505	9	Jun 02, 2017	2.10	2.10	2.10	100.0%
19080715	364	692	CHILLY	13121105	9	Jun 02, 2017	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 05, 2017	0.33	0.48	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	Jun 03, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 03, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 02, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	Jun 02, 2017	0.80	0.80	0.80	100.0%
19120227	364	954	CHILLY	13121105	9	Jun 02, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 03, 2017	1.20	1.20	1.20	100.0%
19120401	483	13	LONGHURST	13121505	9	Jun 02, 2017	1.71	1.71	1.71	100.0%
19120501	310	632	CHILLY	13121105	9	Jun 02, 2017	0.80	0.80	0.80	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 02, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	Jun 02, 2017	0.03	0.03	0.03	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 02, 2017	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 02, 2017	2.40	2.40	2.40	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 02, 2017	1.70	1.70	1.70	100.0%
19131206	575	1379	NEILSEN	13120805	9	Jun 02, 2017	1.72	1.72	1.72	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 02, 2017	1.60	1.60	1.60	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 02, 2017	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 02, 2017	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	Jun 02, 2017	0.59	0.59	0.59	100.0%

19150504	310	636	CHILLY	13121105	9	Jun 02, 2017	0.42	0.42	0.42	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 02, 2017	1.58	1.58	1.58	100.0%
19160501	129	633	CHILLY	13121105	9	Jun 02, 2017	0.80	0.80	0.80	100.0%
19160501	310	634	CHILLY	13121105	9	Jun 02, 2017	0.80	0.80	0.80	100.0%
19160501	373	26	CHILLY	13121105	9	Jun 02, 2017	0.41	0.41	0.41	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 03, 2017	1.36	1.36	1.36	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 02, 2017	0.80	0.80	0.80	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 03, 2017	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	Jun 05, 2017	0.79	1.62	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jun 05, 2017	0.01	0.02	0.01	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 03, 2017	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 05, 2017	0.50	0.72	0.50	100.0%
19740402	150	220	MUNSEY	13132375	2	Jun 05, 2017	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 05, 2017	4.38	8.99	4.38	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 05, 2017	16.00	32.83	16.00	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 05, 2017	33.30	48.18	33.30	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 05, 2017	15.20	21.99	15.20	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 04, 2017	25.66	28.36	25.66	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 02, 2017	11.00	11.00	11.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	Jun 03, 2017	10000.00	10000.00	2292.19	22.9%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 2	3370.0	4.8		3374.8	0.00	3374.8	4.8	0.0		3370.0	0.0	
9	Howell to Chilly	Jun 3	6.4	164.5		-3199.1	0.95	175.7	139.7	24.8		31.2	-24.8	
8	Chilly to Reservoir ***Disconnected***	* Jun 4	2787.2	76.2		2857.0	0.00	3032.7	71.5	4.7		2816.7	-29.5	
7	Mackay Reservoir	* Jun 4	1974.0	0.0		2787.2	0.00	2787.2	2271.9			515.3		
6	Reservoir to 2B	Jun 4	1960.0	14.0		0.0	0.00	2777.7	9.5	4.5		505.8	1454.2	
5	2B to Leslie	Jun 5	1550.0	213.0		-197.0	0.10	2597.7	129.2	83.8		325.8	1224.2	
4	Leslie to Eastside In	Jun 6	986.9	215.4		-347.7	0.22	2387.2	137.4	78.0		115.3	871.6	
2a	Eastside In To Weirs	* Jun 6	834.2	14.3	0.0	-138.4	0.14	2354.7	16.3	-2.0		82.9	751.3	0.0
2b	Weirs To Eastside Out	* Jun 6	681.5	12.1	0.0	-140.6	0.17	2329.0	11.8	0.3		57.1	624.4	0.0
2c	Eastside Out To Blw Muns	* Jun 6	547.7	133.8	0.0	0.0	0.00	2271.9	57.1	76.7	0.0	0.0	547.7	0.0
1	Blw Munsey to Arco	Jun 6	455.0	0.0		-92.7	0.17	2263.7	0.0	0.0		0.0	547.7	
3	River blw Moore Div	Jun 6	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
									TOTAL	2849.1	270.8	0.0		

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	Jun 2	0.0		20090101	23%	1	18800630	3.2	556.5	222.2	
9	Howell to Chilly	Jun 3	-3199.1		20090101	23%	2	18810630	1.7	294.0	118.0	
8	Chilly to Reservoir ***Disconnected***	Jun 4	0.0		20090101	23%	3	18880601	3.2	556.5	222.2	
7	Mackay Reservoir	Jun 4	0.0		20090101	23%	4	18960601	6.4	1113.0	444.3	
6	Reservoir to 2B	Jun 4	0.0	0.0	20090101	23%	5	19020301	0.8	140.0	55.5	
5	2B to Leslie	Jun 5	-50.8	-146.2	20090101	23%	6	19051002	Unlimited	20646.0	20646.0	
4	Leslie to Eastside In	Jun 5	-73.1	-274.6	20090101	23%	7	19160207	Unlimited	17205.0	17205.0	
2a	Eastside In To Weirs	Jun 6	-16.2	-122.2	0.0	20090101	23%	8	19590902	Unlimited	6000.0	6000.0
2b	Weirs To Eastside Out	Jun 6	-14.0	-126.6	0.0	20090101	23%	9	Add Vol	Unlimited	200000.0	110818.5
2c	Eastside Out To Blw Muns	Jun 6	0.0	0.0	0.0	20090101	23%	10	Rotation	Unlimited	50000.0	0.0
1	Blw Munsey to Arco	Jun 6	0.0	-547.7	0.0	20090101	23%	TOTAL		296511.0	155731.7	
3	River blw Moore Div	Jun 6	0.0	0.0	20090101	23%						
TOTAL			-3353.1	-1217.6	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
33130.0	34720.0		1590.0	801.6	11.6	361.2	241.1	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	87031.7
Total Storage Loss	-56469.8
Total Storage Deliver	-11823.4
Total Evaporation	-499.0
Accounting Balance	34719.4
Current Res Content	34720.0
Storage Balance Error	-0.6

DAILY STORAGE BALANCE

33130.0 Reservoir Content Previous Day [ac-ft]
34720.0 Reservoir Content Current Day [ac-ft]
1590.0 Physical Change in Storage [ac-ft]

4506.3 Storage Allocated to Mackay Reservoir [ac-ft]
-2415.1 Stored Flow Losses [ac-ft]
-146.2 2B to Leslie [cfs]
-274.6 Leslie to Moore [cfs]
-796.8 Eastside [cfs]
0.0 River blw Moore [cfs]
-478.2 Storage Delivered [ac-ft]
4.5 Reservoir to 2B [cfs]
83.8 2B to Leslie [cfs]
78.0 Leslie to Moore [cfs]
74.8 Eastside to blw Munsey [cfs]
-23.0 Evaporation [ac-ft]
1590.0 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

2787.2 Natural Flow into Mackay Reservoir [cfs]

2271.9 Reservoir Rights Diverted [cfs]
146.7 Natural Flow Losses below Reservoir [cfs]
-50.8 2B to Leslie [cfs]
-73.1 Leslie to Moore [cfs]
-22.8 Eastside as River [cfs]
368.7 Natural Flow Delivered [cfs]
9.5 Reservoir to 2B [cfs]
129.2 2B to Leslie [cfs]
137.4 Leslie to Moore [cfs]
92.6 Eastside to blw Munsey [cfs]
2787.3 Natural Flow Delivered & Lost [cfs]

-0.1 Balance [CFS]

Upper Eastside And Island Details										
	Inflow			Outflow				Calculations		
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	Flow Out
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	986.9			14.3	-2.3	417.1	417.1	-138.4	14.0%	834.2
Natural Flow	115.3			16.3	-2.7			-16.2		82.9
Stored Flow	871.6			-2.0	0.3			-122.2		751.3
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details										
	Inflow			Outflow			Calculations			
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss	
Gage #	13132159	13132292		13132291		13132350				
Actual Flow	417.1	417.1		12.1	-4.8	681.5	-140.6	16.9%	-271.8	
Natural Flow				11.8	-4.7	57.1	-14.0		-22.8	
Stored Flow				0.3	-0.1	624.4	-126.6		-249.1	
Exchange Flow			0.0			0.0	0.0			

End of Reach Details				
	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	681.5	133.8	547.7	
Natural Flow	57.1	57.1	0.0	
Stored Flow	624.4	76.7	547.7	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations					
	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060		13132350	
Actual Flow	33.6	953.3	14.6	819.6	681.5
Natural Flow	35.5	79.8	14.2	68.6	57.1
Stored Flow	-1.9	873.5	0.3	751.0	624.4
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	14.0	4.5	196.2
9 KENT	6.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	36.0	17.4	583.0
9 BITTON	0.0	6.0	93.2	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.0	6.0	296.5	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	31.0	0.0	11.7
9 Thalman Hunter D	8.0	8.0	247.9	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	110.0	35.6	1758.1
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	30.0	28.2	1704.3
9 NEILSEN	46.5	4.4	266.9	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	2.0	0.0	11.9	5 SUTTER	6.0	2.6	137.7
9 CHILLY	66.0	0.4	224.5	8 Broken River Dit	2.0	2.0	31.7	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	20.0	13.3	691.0
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	2.4	2.4	9.5
9 LONGHURST	25.0	0.0	269.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	3.5	0.3	6.5	4 3IN1	43.0	4.8	363.4
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	150.0	57.4	3573.3
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	149.4	2 EASTSIDE FHDiv	33.6	-1.9	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	1.5	0.0	0.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	57.6	624.4	30490.4
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.5	0.3	1.8	2 MUNSEY	76.2	624.4	30490.4
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	1.2	1.2	7.1	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	1.8	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	0.0	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	0.0	48.4	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 03, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 03, 2017	4.36	4.36	4.36	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 04, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 04, 2017	0.01	0.01	0.01	100.0%
18800601	93	723	ARCO	13132365	2	Jun 06, 2017	0.04	0.08	0.04	100.0%
18800601	370	530	ARCO	13132365	2	Jun 06, 2017	0.15	0.30	0.15	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	Jun 04, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	Jun 04, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 04, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 04, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 04, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 03, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 04, 2017	3.00	3.00	3.00	100.0%
18830601	645	464	MOORE	13132050	4	Jun 06, 2017	0.11	0.16	0.11	100.0%
18830601	22	1083	MOORE	13132050	4	Jun 06, 2017	0.06	0.09	0.06	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 06, 2017	0.79	1.13	0.79	100.0%
18830601	224	854	MOORE	13132050	4	Jun 06, 2017	2.76	3.96	2.76	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 06, 2017	1.16	1.66	1.16	100.0%
18830630	223	1192	Upper Eastside &	13132101	2	Jun 06, 2017	1.66	2.38	1.66	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	Jun 06, 2017	0.43	0.62	0.43	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	Jun 06, 2017	0.21	0.30	0.21	100.0%
18830810	192	1109	Upper Eastside &	13132101	2	Jun 06, 2017	0.21	0.30	0.21	100.0%
18830810	96	449	MOORE	13132050	4	Jun 06, 2017	0.48	0.69	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	Jun 06, 2017	1.50	2.15	1.50	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 06, 2017	0.18	0.26	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Jun 06, 2017	0.18	0.26	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	Jun 05, 2017	0.68	0.76	0.68	100.0%
18840422	236	30	BECK	13130525	4	Jun 06, 2017	1.64	2.35	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 06, 2017	0.14	0.20	0.14	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 05, 2017	0.18	0.20	0.18	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 05, 2017	0.82	0.91	0.82	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 05, 2017	0.07	0.08	0.07	100.0%
18840422	201	83	SWAUGER	13127600	5	Jun 05, 2017	1.12	1.25	1.12	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 05, 2017	1.44	1.60	1.44	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 05, 2017	0.55	0.61	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 05, 2017	1.63	1.81	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 05, 2017	2.17	2.41	2.17	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 05, 2017	0.96	1.07	0.96	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 05, 2017	0.20	0.22	0.20	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 05, 2017	1.92	2.13	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 05, 2017	0.50	0.56	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 05, 2017	2.00	2.22	2.00	100.0%
18840422	397	10	SHARP	13126500	6	Jun 04, 2017	0.12	0.12	0.12	100.0%
18840422	544	1067	SHARP	13126500	6	Jun 04, 2017	1.00	1.00	1.00	100.0%
18840422	347	938	SHARP	13126500	6	Jun 04, 2017	3.18	3.18	3.18	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 04, 2017	0.64	0.64	0.64	100.0%
18840422	390	406	SHARP	13126500	6	Jun 04, 2017	0.09	0.09	0.09	100.0%
18840422	2525	407	SHARP	13126500	6	Jun 04, 2017	0.08	0.08	0.08	100.0%
18840422	24	120	SHARP	13126500	6	Jun 04, 2017	0.08	0.08	0.08	100.0%
18840422	632	1539	SHARP	13126500	6	Jun 04, 2017	0.12	0.12	0.12	100.0%
18840430	623	1519	BURNETT	13127750	5	Jun 05, 2017	0.40	0.44	0.40	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 05, 2017	0.40	0.44	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 05, 2017	0.06	0.07	0.06	100.0%
18840430	73	194	BURNETT	13127750	5	Jun 05, 2017	0.77	0.86	0.77	100.0%
18840430	73	193	BURNETT	13127750	5	Jun 05, 2017	1.23	1.37	1.23	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 05, 2017	0.80	0.89	0.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 04, 2017	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 04, 2017	1.80	1.80	1.80	100.0%
18840520	604	436	Lower Eastside &	13132291	2	Jun 06, 2017	1.15	1.65	1.15	100.0%

18840520	180	470	Upper Eastside &	13132101	2	Jun 06, 2017	0.16	0.23	0.16	100.0%
18840520	187	16	Lower Eastside &	13132291	2	Jun 06, 2017	0.16	0.23	0.16	100.0%
18840520	251	796	Upper Eastside &	13132101	2	Jun 06, 2017	0.80	1.15	0.80	100.0%
18840520	66	266	MOORE	13132050	4	Jun 06, 2017	0.02	0.03	0.02	100.0%
18840520	2335	265	MOORE	13132050	4	Jun 06, 2017	0.82	1.18	0.82	100.0%
18840520	645	462	MOORE	13132050	4	Jun 06, 2017	0.27	0.39	0.27	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 06, 2017	0.22	0.32	0.22	100.0%
18840520	2332	753	MOORE	13132050	4	Jun 06, 2017	0.42	0.60	0.42	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 06, 2017	0.96	1.38	0.96	100.0%
18840520	2332	752	MOORE	13132050	4	Jun 06, 2017	0.36	0.52	0.36	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 06, 2017	1.33	1.91	1.33	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 06, 2017	2.24	3.21	2.24	100.0%
18840520	433	271	MOORE	13132050	4	Jun 06, 2017	0.54	0.77	0.54	100.0%
18840520	427	1	MOORE	13132050	4	Jun 06, 2017	0.80	1.15	0.80	100.0%
18840520	96	451	MOORE	13132050	4	Jun 06, 2017	0.58	0.83	0.58	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 06, 2017	0.01	0.01	0.01	100.0%
18840520	459	797	MOORE	13132050	4	Jun 06, 2017	1.20	1.72	1.20	100.0%
18840520	263	394	MOORE	13132050	4	Jun 06, 2017	0.22	0.32	0.22	100.0%
18840520	219	547	MOORE	13132050	4	Jun 06, 2017	1.10	1.58	1.10	100.0%
18840520	340	816	MOORE	13132050	4	Jun 06, 2017	0.28	0.40	0.28	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 05, 2017	0.72	0.80	0.72	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 06, 2017	0.09	0.13	0.09	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 06, 2017	0.08	0.11	0.08	100.0%
18840601	15	131	MOORE	13132050	4	Jun 06, 2017	0.37	0.53	0.37	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 06, 2017	0.54	0.77	0.54	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 06, 2017	1.28	1.83	1.28	100.0%
18840601	96	453	MOORE	13132050	4	Jun 06, 2017	0.21	0.30	0.21	100.0%
18840601	263	395	MOORE	13132050	4	Jun 06, 2017	0.08	0.11	0.08	100.0%
18840601	623	1493	BURNETT	13127750	5	Jun 05, 2017	0.20	0.22	0.20	100.0%
18840601	623	1504	BURNETT	13127750	5	Jun 05, 2017	0.27	0.30	0.27	100.0%
18840601	623	1505	BURNETT	13127750	5	Jun 05, 2017	0.40	0.44	0.40	100.0%
18840601	151	1042	BURNETT	13127750	5	Jun 05, 2017	0.23	0.26	0.23	100.0%
18840601	138	441	BURNETT	13127750	5	Jun 05, 2017	0.04	0.04	0.04	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 05, 2017	0.80	0.89	0.80	100.0%
18840601	73	199	BURNETT	13127750	5	Jun 05, 2017	0.37	0.41	0.37	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 05, 2017	0.73	0.82	0.73	100.0%
18840601	73	200	BURNETT	13127750	5	Jun 05, 2017	0.23	0.26	0.23	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 05, 2017	0.80	0.89	0.80	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 04, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 03, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 03, 2017	0.40	0.40	0.40	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 06, 2017	0.80	1.15	0.80	100.0%
18840715	15	799	MOORE	13132050	4	Jun 06, 2017	0.80	1.15	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jun 06, 2017	0.74	1.06	0.74	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 06, 2017	1.20	1.72	1.20	100.0%
18840715	115	323	MOORE	13132050	4	Jun 06, 2017	0.74	1.06	0.74	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 06, 2017	1.20	1.72	1.20	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 06, 2017	0.80	1.15	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Jun 06, 2017	0.80	1.15	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	Jun 06, 2017	0.20	0.29	0.20	100.0%
18840831	638	772	Upper Eastside &	13132101	2	Jun 06, 2017	0.40	0.57	0.40	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	Jun 06, 2017	0.44	0.63	0.44	100.0%
18840831	251	773	Upper Eastside &	13132101	2	Jun 06, 2017	0.50	0.72	0.50	100.0%
18840831	180	276	Upper Eastside &	13132101	2	Jun 06, 2017	1.31	1.88	1.31	100.0%
18840831	192	772	Upper Eastside &	13132101	2	Jun 06, 2017	0.40	0.57	0.40	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 04, 2017	1.74	1.74	1.74	100.0%
18840914	623	1494	BURNETT	13127750	5	Jun 05, 2017	0.40	0.44	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 05, 2017	0.40	0.44	0.40	100.0%
18841012	205	557	BECK	13130525	4	Jun 06, 2017	1.76	2.52	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jun 06, 2017	0.31	0.44	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jun 06, 2017	0.58	0.83	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 06, 2017	1.25	1.79	1.25	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 05, 2017	2.78	3.09	2.78	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 05, 2017	0.80	0.89	0.80	100.0%

18841012	314	1444	SWAUGER	13127600	5	Jun 05, 2017	3.30	3.67	3.30	100.0%
18841012	190	418	SWAUGER	13127600	5	Jun 05, 2017	0.11	0.12	0.11	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 05, 2017	0.74	0.82	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 05, 2017	2.77	3.08	2.77	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 05, 2017	0.81	0.90	0.81	100.0%
18841012	347	1141	SWAUGER	13127600	5	Jun 05, 2017	0.22	0.24	0.22	100.0%
18841012	440	1256	DARLINGTON	13127735	5	Jun 05, 2017	0.75	0.83	0.75	100.0%
18841012	347	1141	SHARP	13126500	6	Jun 04, 2017	0.84	0.84	0.84	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 05, 2017	1.10	1.22	1.10	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 05, 2017	1.65	1.83	1.65	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 05, 2017	0.79	0.88	0.79	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jun 05, 2017	0.61	0.68	0.61	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 05, 2017	2.00	2.22	2.00	100.0%
18850501	672	1629	Lower Eastside &	13132291	2	Jun 06, 2017	1.80	2.58	1.80	100.0%
18850501	672	1630	Lower Eastside &	13132291	2	Jun 06, 2017	0.20	0.29	0.20	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	Jun 06, 2017	1.50	2.15	1.50	100.0%
18850501	675	1623	ARCO	13132365	2	Jun 06, 2017	0.22	0.44	0.22	100.0%
18850501	423	186	Lower Eastside &	13132291	2	Jun 06, 2017	0.26	0.37	0.26	100.0%
18850501	423	87	Lower Eastside &	13132291	2	Jun 06, 2017	0.20	0.29	0.20	100.0%
18850501	426	887	ARCO	13132365	2	Jun 06, 2017	0.42	0.84	0.42	100.0%
18850501	468	59	ARCO	13132365	2	Jun 06, 2017	0.74	1.48	0.74	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 03, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 03, 2017	2.80	2.80	2.80	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	Jun 06, 2017	0.20	0.29	0.20	100.0%
18850512	251	22	Upper Eastside &	13132101	2	Jun 06, 2017	0.74	1.06	0.74	100.0%
18850512	192	1399	Upper Eastside &	13132101	2	Jun 06, 2017	0.20	0.29	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 06, 2017	1.48	2.12	1.48	100.0%
18850530	282	1190	SUTTER	13128105	5	Jun 05, 2017	0.20	0.22	0.20	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 06, 2017	1.10	1.58	1.10	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 05, 2017	3.20	3.56	3.20	100.0%
18850601	205	554	BECK	13130525	4	Jun 06, 2017	0.59	0.85	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Jun 06, 2017	0.50	0.72	0.50	100.0%
18850601	212	315	DARLINGTON	13127735	5	Jun 05, 2017	0.94	1.05	0.94	100.0%
18850601	20	949	DARLINGTON	13127735	5	Jun 05, 2017	0.40	0.44	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 05, 2017	2.60	2.89	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 05, 2017	1.54	1.71	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	Jun 04, 2017	0.76	0.76	0.76	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 04, 2017	1.16	1.16	1.16	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 03, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 05, 2017	2.96	3.29	2.96	100.0%
18851002	93	726	ARCO	13132365	2	Jun 06, 2017	0.50	1.00	0.50	100.0%
18851002	437	62	ARCO	13132365	2	Jun 06, 2017	1.54	3.09	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 06, 2017	3.60	7.22	3.60	100.0%
18851002	370	1592	ARCO	13132365	2	Jun 06, 2017	1.16	2.33	1.16	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 04, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	Jun 06, 2017	4.20	6.02	4.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 06, 2017	0.86	1.24	0.86	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 06, 2017	2.80	4.01	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 06, 2017	1.20	1.72	1.20	100.0%
18860512	634	1543	Upper Eastside &	13132101	2	Jun 06, 2017	0.41	0.59	0.41	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 06, 2017	0.18	0.26	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 06, 2017	0.48	0.69	0.48	100.0%
18860512	263	398	MOORE	13132050	4	Jun 06, 2017	0.18	0.26	0.18	100.0%
18860601	69	881	Upper Eastside &	13132101	2	Jun 06, 2017	1.42	2.04	1.42	100.0%
18860601	482	867	Upper Eastside &	13132101	2	Jun 06, 2017	1.24	1.78	1.24	100.0%
18860601	16	1009	MOORE	13132050	4	Jun 06, 2017	2.52	3.61	2.52	100.0%
18860601	339	1010	MOORE	13132050	4	Jun 06, 2017	0.68	0.97	0.68	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 05, 2017	1.60	1.78	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 04, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 04, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	Jun 06, 2017	0.84	1.20	0.84	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 05, 2017	0.80	0.89	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	Jun 05, 2017	3.00	3.34	3.00	100.0%
18860901	256	758	MUNSEY	13132375	2	Jun 06, 2017	2.20	4.41	2.20	100.0%

18860901	256	759	MUNSEY	13132375	2	Jun 06, 2017	0.34	0.68	0.34	100.0%
18860901	256	931	MUNSEY	13132375	2	Jun 06, 2017	0.16	0.32	0.16	100.0%
18860901	165	1248	BURNETT	13127750	5	Jun 05, 2017	1.60	1.78	1.60	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 04, 2017	3.20	3.20	3.20	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	Jun 06, 2017	0.80	1.15	0.80	100.0%
18870302	618	1510	MOORE	13132050	4	Jun 06, 2017	0.94	1.35	0.94	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 06, 2017	3.20	4.59	3.20	100.0%
18870313	70	337	MOORE	13132050	4	Jun 06, 2017	0.23	0.33	0.23	100.0%
18870313	459	338	MOORE	13132050	4	Jun 06, 2017	0.42	0.60	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jun 06, 2017	0.70	1.00	0.70	100.0%
18870313	73	201	BURNETT	13127750	5	Jun 05, 2017	1.05	1.17	1.05	100.0%
18870313	73	202	BURNETT	13127750	5	Jun 05, 2017	0.65	0.72	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 03, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 04, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 06, 2017	2.30	4.61	2.30	100.0%
18870601	423	76	Lower Eastside &	13132291	2	Jun 06, 2017	0.22	0.32	0.22	100.0%
18870601	423	1028	Lower Eastside &	13132291	2	Jun 06, 2017	1.24	1.78	1.24	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 06, 2017	1.00	1.43	1.00	100.0%
18870601	252	353	DARLINGTON	13127735	5	Jun 05, 2017	0.43	0.48	0.43	100.0%
18870601	73	195	BURNETT	13127750	5	Jun 05, 2017	1.11	1.23	1.11	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 05, 2017	0.30	0.33	0.30	100.0%
18870601	73	196	BURNETT	13127750	5	Jun 05, 2017	0.69	0.77	0.69	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 04, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 04, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 03, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 03, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	Jun 06, 2017	0.80	1.15	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Jun 05, 2017	0.80	0.89	0.80	100.0%
18870630	165	980	BURNETT	13127750	5	Jun 05, 2017	0.80	0.89	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 05, 2017	0.80	0.89	0.80	100.0%
18870801	623	1508	BURNETT	13127750	5	Jun 05, 2017	0.53	0.59	0.53	100.0%
18870801	73	190	BURNETT	13127750	5	Jun 05, 2017	0.38	0.42	0.38	100.0%
18870801	73	189	BURNETT	13127750	5	Jun 05, 2017	0.62	0.69	0.62	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 05, 2017	0.27	0.30	0.27	100.0%
18870831	623	1507	BURNETT	13127750	5	Jun 05, 2017	1.20	1.33	1.20	100.0%
18870831	119	1154	BURNETT	13127750	5	Jun 05, 2017	1.20	1.33	1.20	100.0%
18880601	437	670	ARCO	13132365	2	Jun 06, 2017	0.33	0.66	0.33	100.0%
18880601	427	669	ARCO	13132365	2	Jun 06, 2017	0.81	1.62	0.81	100.0%
18880601	201	1139	SWAUGER	13127600	5	Jun 05, 2017	0.98	1.09	0.98	100.0%
18880601	347	1138	SWAUGER	13127600	5	Jun 05, 2017	0.33	0.36	0.33	100.0%
18880601	347	1138	SHARP	13126500	6	Jun 04, 2017	1.27	1.27	1.27	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	Jun 04, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 03, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 03, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 02, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	Jun 06, 2017	0.90	1.29	0.90	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 06, 2017	0.40	0.80	0.40	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 06, 2017	0.50	0.72	0.50	100.0%
18890601	599	1552	MOORE	13132050	4	Jun 06, 2017	0.35	0.50	0.35	100.0%
18890601	463	1396	MOORE	13132050	4	Jun 06, 2017	0.20	0.29	0.20	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 05, 2017	2.70	3.00	2.70	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 05, 2017	1.20	1.33	1.20	100.0%
18890601	623	1503	BURNETT	13127750	5	Jun 05, 2017	0.80	0.89	0.80	100.0%
18890601	119	996	BURNETT	13127750	5	Jun 05, 2017	0.40	0.44	0.40	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 05, 2017	1.26	1.40	1.26	100.0%
18900601	372	886	ARCO	13132365	2	Jun 06, 2017	0.59	1.18	0.59	100.0%
18900601	416	591	3IN1	13130605	4	Jun 06, 2017	0.75	1.07	0.75	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 04, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 04, 2017	3.20	3.20	3.20	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 03, 2017	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 03, 2017	1.76	1.76	1.76	100.0%
18910630	205	555	BECK	13130525	4	Jun 06, 2017	0.99	1.42	0.99	100.0%
18910630	44	1003	MOORE	13132050	4	Jun 06, 2017	0.76	1.09	0.76	100.0%
18910630	44	1253	MOORE	13132050	4	Jun 06, 2017	0.70	1.00	0.70	100.0%

18910630	2332	1255	MOORE	13132050	4	Jun 06, 2017	0.28	0.40	0.28	100.0%
18910630	2332	1254	MOORE	13132050	4	Jun 06, 2017	0.48	0.69	0.48	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 03, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 04, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 04, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jun 06, 2017	0.22	0.32	0.22	100.0%
18930323	77	366	MOORE	13132050	4	Jun 06, 2017	1.60	2.29	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 06, 2017	1.50	2.15	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 04, 2017	0.74	0.74	0.74	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 05, 2017	0.44	0.49	0.44	100.0%
18940310	265	1223	BURNETT	13127750	5	Jun 05, 2017	2.80	3.11	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 05, 2017	0.70	0.78	0.70	100.0%
18940310	386	268	SUTTER	13128105	5	Jun 05, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 03, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 04, 2017	2.98	2.98	2.00	67.1%
18940521	463	933	MOORE	13132050	4	Jun 06, 2017	0.80	1.15	0.80	100.0%
18940531	5	776	MOORE	13132050	4	Jun 06, 2017	0.20	0.29	0.20	100.0%
18940531	77	800	MOORE	13132050	4	Jun 06, 2017	0.74	1.06	0.74	100.0%
18940601	482	1301	Upper Eastside &	13132101	2	Jun 06, 2017	0.36	0.52	0.36	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	Jun 06, 2017	3.20	4.59	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jun 06, 2017	0.15	0.21	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jun 05, 2017	0.11	0.12	0.11	100.0%
18940601	390	408	SHARP	13126500	6	Jun 04, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 03, 2017	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	Jun 05, 2017	0.30	0.33	0.30	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jun 05, 2017	0.38	0.42	0.38	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	Jun 05, 2017	1.10	1.22	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 03, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	Jun 06, 2017	0.80	1.15	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jun 06, 2017	0.10	0.14	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	Jun 05, 2017	1.14	1.27	1.14	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 03, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 03, 2017	0.02	0.02	0.02	100.0%
18950610	416	592	3IN1	13130605	4	Jun 06, 2017	2.25	3.22	2.25	100.0%
18950630	265	1224	BURNETT	13127750	5	Jun 05, 2017	2.62	2.91	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 04, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	Jun 06, 2017	1.47	2.11	1.47	100.0%
18960601	45	998	Lower Eastside &	13132291	2	Jun 06, 2017	0.10	0.14	0.10	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	Jun 06, 2017	0.04	0.05	0.04	100.0%
18960601	192	1405	Upper Eastside &	13132101	2	Jun 06, 2017	0.04	0.05	0.04	100.0%
18960601	180	278	Upper Eastside &	13132101	2	Jun 06, 2017	0.41	0.59	0.41	100.0%
18960601	144	741	Lower Eastside &	13132291	2	Jun 06, 2017	0.70	1.00	0.70	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 06, 2017	0.40	0.57	0.40	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 06, 2017	2.40	3.44	2.40	100.0%
18960601	15	1106	MOORE	13132050	4	Jun 06, 2017	1.17	1.68	1.17	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 06, 2017	0.32	0.46	0.32	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 06, 2017	0.14	0.20	0.14	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 06, 2017	0.23	0.33	0.23	100.0%
18960601	339	1118	MOORE	13132050	4	Jun 06, 2017	1.57	2.25	1.57	100.0%
18960601	459	993	MOORE	13132050	4	Jun 06, 2017	0.40	0.57	0.40	100.0%
18960601	417	992	MOORE	13132050	4	Jun 06, 2017	1.20	1.72	1.20	100.0%
18960601	96	457	MOORE	13132050	4	Jun 06, 2017	0.92	1.32	0.92	100.0%
18960601	263	399	MOORE	13132050	4	Jun 06, 2017	0.27	0.39	0.27	100.0%
18960601	263	397	MOORE	13132050	4	Jun 06, 2017	0.35	0.50	0.35	100.0%
18960601	96	461	MOORE	13132050	4	Jun 06, 2017	0.09	0.13	0.09	100.0%
18960601	417	381	MOORE	13132050	4	Jun 06, 2017	2.40	3.44	2.40	100.0%
18960601	463	128	MOORE	13132050	4	Jun 06, 2017	1.60	2.29	1.60	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jun 05, 2017	1.15	1.28	1.15	100.0%
18960601	252	359	DARLINGTON	13127735	5	Jun 05, 2017	0.89	0.99	0.89	100.0%
18960601	56	118	MACKAY DAM	13126000	7	Jun 04, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 06, 2017	2.00	4.01	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	Jun 05, 2017	1.32	1.47	1.32	100.0%
18960801	280	1186	SHARP	13126500	6	Jun 04, 2017	0.10	0.10	0.10	100.0%
18960901	427	672	ARCO	13132365	2	Jun 06, 2017	0.32	0.64	0.32	100.0%

18960901	437	671	ARCO	13132365	2	Jun 06, 2017	0.13	0.26	0.13	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 06, 2017	0.03	0.06	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 06, 2017	1.97	3.95	1.97	100.0%
18960928	392	840	MUNSEY	13132375	2	Jun 06, 2017	3.86	7.74	3.86	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 06, 2017	0.51	1.02	0.51	100.0%
18970510	437	664	ARCO	13132365	2	Jun 06, 2017	1.74	3.49	1.74	100.0%
18970510	427	6	ARCO	13132365	2	Jun 06, 2017	3.93	7.89	3.93	100.0%
18970510	411	674	DARLINGTON	13127735	5	Jun 05, 2017	2.80	3.11	2.80	100.0%
18970510	411	673	DARLINGTON	13127735	5	Jun 05, 2017	3.44	3.82	2.02	58.7%
18970510	73	191	BURNETT	13127750	5	Jun 05, 2017	0.92	1.02	0.92	100.0%
18970510	73	192	BURNETT	13127750	5	Jun 05, 2017	0.20	0.22	0.20	100.0%
18970515	604	43	Lower Eastside &	13132291	2	Jun 06, 2017	1.34	1.92	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 03, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 05, 2017	3.20	3.56	3.20	100.0%
18970615	180	280	Upper Eastside &	13132101	2	Jun 06, 2017	0.13	0.19	0.13	100.0%
18970615	144	744	Lower Eastside &	13132291	2	Jun 06, 2017	0.24	0.34	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 04, 2017	2.40	2.40	2.40	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	Jun 06, 2017	0.65	0.93	0.65	100.0%
18980601	192	1406	Upper Eastside &	13132101	2	Jun 06, 2017	0.09	0.13	0.09	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 06, 2017	0.50	1.00	0.50	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 03, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 03, 2017	2.01	2.01	2.01	100.0%
18980901	268	562	ARCO	13132365	2	Jun 06, 2017	1.57	3.15	1.57	100.0%
18980901	344	597	ARCO	13132365	2	Jun 06, 2017	0.04	0.08	0.04	100.0%
18980901	122	821	ARCO	13132365	2	Jun 06, 2017	0.10	0.20	0.10	100.0%
18980901	344	820	ARCO	13132365	2	Jun 06, 2017	0.06	0.12	0.06	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 04, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 04, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	Jun 06, 2017	0.92	1.32	0.92	100.0%
18990327	604	41	Lower Eastside &	13132291	2	Jun 06, 2017	0.84	1.20	0.84	100.0%
18990327	604	437	Lower Eastside &	13132291	2	Jun 06, 2017	0.13	0.18	0.13	100.0%
18990327	180	468	Upper Eastside &	13132101	2	Jun 06, 2017	0.05	0.07	0.05	100.0%
18990327	433	272	MOORE	13132050	4	Jun 06, 2017	0.48	0.69	0.48	100.0%
18990327	459	1090	MOORE	13132050	4	Jun 06, 2017	0.60	0.86	0.60	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 06, 2017	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 06, 2017	2.80	5.61	2.80	100.0%
18990518	138	443	BURNETT	13127750	5	Jun 05, 2017	0.02	0.02	0.02	100.0%
18990518	151	1044	BURNETT	13127750	5	Jun 05, 2017	0.15	0.17	0.15	100.0%
18990601	201	705	SWAUGER	13127600	5	Jun 05, 2017	0.28	0.31	0.28	100.0%
18990601	490	981	BURNETT	13127750	5	Jun 05, 2017	0.80	0.89	0.80	100.0%
18990601	165	982	BURNETT	13127750	5	Jun 05, 2017	0.68	0.76	0.68	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 03, 2017	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 03, 2017	0.60	0.60	0.60	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jun 06, 2017	0.80	1.60	0.80	100.0%
19000323	77	44	MOORE	13132050	4	Jun 06, 2017	0.30	0.43	0.30	100.0%
19000601	386	270	SUTTER	13128105	5	Jun 05, 2017	0.08	0.09	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 03, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 04, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 04, 2017	3.20	3.20	3.20	100.0%
19010901	70	339	MOORE	13132050	4	Jun 06, 2017	0.10	0.14	0.10	100.0%
19010901	459	340	MOORE	13132050	4	Jun 06, 2017	0.23	0.33	0.23	100.0%
19010901	433	685	MOORE	13132050	4	Jun 06, 2017	0.50	0.72	0.50	100.0%
19010901	138	439	BURNETT	13127750	5	Jun 05, 2017	0.02	0.02	0.02	100.0%
19011001	263	396	MOORE	13132050	4	Jun 06, 2017	0.14	0.20	0.14	100.0%
19020103	548	1436	BRADSHAW	13120705	9	Jun 03, 2017	2.60	2.60	2.60	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	Jun 06, 2017	0.20	0.29	0.20	100.0%
19020301	15	81	MOORE	13132050	4	Jun 06, 2017	0.20	0.29	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 06, 2017	0.31	0.44	0.31	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	Jun 04, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 03, 2017	0.90	0.90	0.90	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 03, 2017	3.85	3.85	3.85	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 03, 2017	3.20	3.20	3.20	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 03, 2017	0.80	0.80	0.80	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 03, 2017	1.60	1.60	1.60	100.0%

19020301	483	1500	CHILLY	13121105	9	Jun 03, 2017	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 03, 2017	3.40	3.40	3.40	100.0%
19020301	307	834	CHILLY	13121105	9	Jun 03, 2017	2.40	2.40	2.40	100.0%
19020304	129	1062	CHILLY	13121105	9	Jun 03, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 03, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 03, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 06, 2017	1.38	1.98	1.38	100.0%
19020501	310	631	CHILLY	13121105	9	Jun 03, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 02, 2017	0.62	0.62	0.62	100.0%
19020601	16	1014	MOORE	13132050	4	Jun 06, 2017	0.92	1.32	0.92	100.0%
19020601	339	1015	MOORE	13132050	4	Jun 06, 2017	0.66	0.95	0.66	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 04, 2017	3.70	3.70	3.70	100.0%
19020601	154	838	Freeman Ditch	13124165	8	Jun 04, 2017	1.50	1.50	1.50	100.0%
19020701	548	1435	BRADSHAW	13120705	9	Jun 03, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 03, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 04, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 04, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	Jun 06, 2017	1.46	2.09	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	Jun 05, 2017	0.08	0.09	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	Jun 05, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	Jun 03, 2017	1.40	1.40	1.40	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 04, 2017	1.40	1.40	1.40	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 04, 2017	0.13	0.13	0.13	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 03, 2017	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 03, 2017	0.02	0.02	0.02	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 03, 2017	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 03, 2017	0.65	0.65	0.65	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 03, 2017	0.30	0.30	0.30	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 03, 2017	1.30	1.30	1.30	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 03, 2017	0.50	0.50	0.50	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 03, 2017	0.40	0.40	0.40	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 03, 2017	3.00	3.00	3.00	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 03, 2017	0.58	0.58	0.58	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 03, 2017	0.40	0.40	0.40	100.0%
19050501	310	115	CHILLY	13121105	9	Jun 03, 2017	1.90	1.90	1.90	100.0%
19050501	129	1063	CHILLY	13121105	9	Jun 03, 2017	0.80	0.80	0.80	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 03, 2017	1.10	1.10	1.10	100.0%
19050501	483	1501	LONGHURST	13121505	9	Jun 03, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 02, 2017	2.58	2.58	2.58	100.0%
19060501	185	392	Upper Eastside &	13132101	2	Jun 06, 2017	0.19	0.27	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	Jun 03, 2017	0.50	0.50	0.50	100.0%
19060630	483	1513	LONGHURST	13121505	9	Jun 03, 2017	1.08	1.08	1.08	100.0%
19070501	575	322	NEILSEN	13120805	9	Jun 03, 2017	1.48	1.48	1.48	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 03, 2017	1.52	1.52	1.52	100.0%
19070508	483	1276	LONGHURST	13121505	9	Jun 03, 2017	1.30	1.30	1.30	100.0%
19080401	314	73	NEILSEN	13120805	9	Jun 03, 2017	2.04	2.04	2.04	100.0%
19080401	483	848	LONGHURST	13121505	9	Jun 03, 2017	2.10	2.10	2.10	100.0%
19080715	364	692	CHILLY	13121105	9	Jun 03, 2017	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 06, 2017	0.33	0.47	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	Jun 04, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 04, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 03, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	Jun 03, 2017	0.80	0.80	0.80	100.0%
19120227	364	954	CHILLY	13121105	9	Jun 03, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 04, 2017	1.20	1.20	1.20	100.0%
19120401	483	13	LONGHURST	13121505	9	Jun 03, 2017	1.71	1.71	1.71	100.0%
19120501	310	632	CHILLY	13121105	9	Jun 03, 2017	0.80	0.80	0.80	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 03, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	Jun 03, 2017	0.03	0.03	0.03	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 03, 2017	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 03, 2017	2.40	2.40	2.40	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 03, 2017	1.70	1.70	1.70	100.0%
19131206	575	1379	NEILSEN	13120805	9	Jun 03, 2017	1.72	1.72	1.72	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 03, 2017	1.60	1.60	1.60	100.0%

19140601	445	412	NEILSEN	13120805	9	Jun 03, 2017	0.18	0.18	0.18	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 03, 2017	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	Jun 03, 2017	0.59	0.59	0.59	100.0%
19150504	310	636	CHILLY	13121105	9	Jun 03, 2017	0.42	0.42	0.42	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 03, 2017	1.58	1.58	1.58	100.0%
19160501	373	26	CHILLY	13121105	9	Jun 03, 2017	0.41	0.41	0.41	100.0%
19160501	129	633	CHILLY	13121105	9	Jun 03, 2017	0.80	0.80	0.80	100.0%
19160501	310	634	CHILLY	13121105	9	Jun 03, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 04, 2017	1.36	1.36	1.36	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 03, 2017	0.80	0.80	0.80	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 04, 2017	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	Jun 06, 2017	0.01	0.02	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	Jun 06, 2017	0.79	1.58	0.79	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 04, 2017	1.80	1.80	1.80	100.0%
19240806	417	695	MOORE	13132050	4	Jun 06, 2017	0.50	0.72	0.50	100.0%
19600824	185	390	Upper Eastside &	13132101	2	Jun 06, 2017	0.11	0.16	0.11	100.0%
19740402	150	220	MUNSEY	13132375	2	Jun 06, 2017	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 06, 2017	4.38	8.78	4.38	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 06, 2017	16.00	32.08	16.00	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 06, 2017	33.30	47.73	33.30	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 06, 2017	15.20	21.79	15.20	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 05, 2017	25.66	28.53	25.66	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 03, 2017	11.00	11.00	11.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	Jun 04, 2017	10000.00	10000.00	2256.59	22.6%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 3	3130.0	4.8		3134.8	0.00	3134.8	4.8	0.0		3130.0	0.0	
9	Howell to Chilly	Jun 4	6.6	164.5		-2958.9	0.95	175.9	139.7	24.8		31.4	-24.8	
8	Chilly to Reservoir	* Jun 5	2914.0	79.0		2986.4	0.00	3162.3	72.9	6.1		2944.9	-30.9	
	Disconnected													
7	Mackay Reservoir	* Jun 5	2014.0	0.0		2914.0	0.00	2914.0	2390.7			523.4		
6	Reservoir to 2B	Jun 5	2000.0	14.0		0.0	0.00	2904.5	9.5	4.5		513.9	1486.1	
5	2B to Leslie	Jun 6	1580.0	213.0		-207.0	0.10	2722.2	129.2	83.8		331.5	1248.5	
4	Leslie to Eastside In	Jun 7	996.1	205.4		-378.5	0.24	2505.4	137.4	68.0		114.7	881.4	
2a	Eastside In To Weirs	* Jun 7	842.8	17.4	0.0	-135.9	0.14	2473.3	16.4	1.0		82.7	760.1	0.0
2b	Weirs To Eastside Out	* Jun 7	689.4	13.8	0.0	-139.6	0.17	2447.7	11.9	1.9		57.1	632.3	0.0
2c	Eastside Out To Blw Muns	* Jun 7	572.0	117.4	0.0	0.0	0.00	2390.7	57.1	60.3	0.0	0.0	572.0	0.0
1	Blw Munsey to Arco	Jun 7	473.0	0.0		-99.0	0.17	2382.7	0.0	0.0		0.0	572.0	
3	River blw Moore Div	Jun 7	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	2969.5	250.4	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	Jun 3	0.0		20090101	24%	1	18800630	3.2	556.5	228.5	
9	Howell to Chilly	Jun 4	-2958.9		20090101	24%	2	18810630	1.7	294.0	121.4	
8	Chilly to Reservoir	Jun 5	0.0		20090101	24%	3	18880601	3.2	556.5	228.5	
	Disconnected						4	18960601	6.4	1113.0	457.0	
7	Mackay Reservoir	Jun 5	0.0		20090101	24%	5	19020301	0.8	140.0	57.1	
6	Reservoir to 2B	Jun 5	0.0	0.0	20090101	24%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	Jun 6	-53.2	-153.8	20090101	24%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	Jun 7	-79.4	-299.1	20090101	24%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	Jun 7	-15.6	-120.3	0.0	20090101	24%	9	Add Vol	Unlimited	200000.0	115530.0
2b	Weirs To Eastside Out	Jun 7	-13.7	-125.9	0.0	20090101	24%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	Jun 7	0.0	0.0	0.0	20090101	24%		TOTAL		296511.0	160473.6
1	Blw Munsey to Arco	Jun 7	0.0	-572.0	0.0	20090101	24%					
3	River blw Moore Div	Jun 7	0.0	0.0		20090101	24%					
	TOTAL		-3120.8	-1270.2	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
34720.0	36480.0		1760.0	887.3	12.7	361.4	220.5	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	91773.6
Total Storage Loss	-58989.2
Total Storage Deliver	-12260.6
Total Evaporation	-524.2
Accounting Balance	<u>36479.6</u>
Current Res Content	36480.0
Storage Balance Error	-0.4

DAILY STORAGE BALANCE

34720.0 Reservoir Content Previous Day [ac-ft]
36480.0 Reservoir Content Current Day [ac-ft]
1760.0 Physical Change in Storage [ac-ft]

4741.9 Storage Allocated to Mackay Reservoir [ac-ft]
-2519.4 Stored Flow Losses [ac-ft]
-153.8 2B to Leslie [cfs]
-299.1 Leslie to Moore [cfs]
-817.3 Eastside [cfs]
0.0 River blw Moore [cfs]
-437.2 Storage Delivered [ac-ft]
4.5 Reservoir to 2B [cfs]
83.8 2B to Leslie [cfs]
68.0 Leslie to Moore [cfs]
64.1 Eastside to blw Munsey [cfs]
-25.2 Evaporation [ac-ft]
1760.1 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

2914.0 Natural Flow into Mackay Reservoir [cfs]

2390.7 Reservoir Rights Diverted [cfs]
154.7 Natural Flow Losses below Reservoir [cfs]
-53.2 2B to Leslie [cfs]
-79.4 Leslie to Moore [cfs]
-22.1 Eastside as River [cfs]
368.7 Natural Flow Delivered [cfs]
9.5 Reservoir to 2B [cfs]
129.2 2B to Leslie [cfs]
137.4 Leslie to Moore [cfs]
92.6 Eastside to blw Munsey [cfs]
2914.1 Natural Flow Delivered & Lost [cfs]

-0.1 Balance [CFS]

Upper Eastside And Island Details										
	Inflow			Outflow				Calculations		
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	Flow Out
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	996.1			17.4	-2.7	421.4	421.4	-135.9	13.6%	842.8
Natural Flow	114.7			16.4	-2.6			-15.6		82.7
Stored Flow	881.4			1.0	-0.2			-120.3		760.1
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details										
	Inflow			Outflow			Calculations			
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss	
Gage #	13132159	13132292		13132291		13132350				
Actual Flow	421.4	421.4		13.8	-5.4	689.4	-139.6	16.6%	-267.4	
Natural Flow				11.9	-4.6	57.1	-13.7		-22.1	
Stored Flow				1.9	-0.7	632.3	-125.9		-245.3	
Exchange Flow			0.0			0.0	0.0			

End of Reach Details					
	Inflow		Outflow		
	Eastside Out		Arco/Munsey Diversion	Below Munsey	
Gage #	13132350				13132390
Actual Flow	689.4		117.4		572.0
Natural Flow	57.1		57.1		0.0
Stored Flow	632.3		60.3		572.0
Exchange Flow	0.0		0.0		0.0

Eastside as the River and as a Diversion Calculations					
	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060			13132350
Actual Flow	39.3	956.8	16.5	826.3	689.4
Natural Flow	35.5	79.2	14.3	68.4	57.1
Stored Flow	3.8	877.6	2.2	757.9	632.3
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	14.0	4.5	205.1
9 KENT	6.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	36.0	17.4	617.5
9 BITTON	0.0	6.0	105.1	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.0	6.0	308.4	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	31.0	0.0	11.7
9 Thalman Hunter D	8.0	8.0	263.8	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	110.0	35.6	1828.8
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	30.0	28.2	1760.3
9 NEILSEN	46.5	4.4	275.6	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	5.0	1.0	13.9	5 SUTTER	6.0	2.6	142.9
9 CHILLY	66.0	0.4	225.3	8 Broken River Dit	0.0	0.0	31.7	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	20.0	13.3	717.4
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	2.4	2.4	14.3
9 LONGHURST	25.0	0.0	269.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	4.0	0.8	8.1	4 3IN1	43.0	4.8	373.0
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	140.0	47.4	3667.3
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	151.2	2 EASTSIDE FHDiv	39.3	3.8	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	2.0	0.5	1.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	57.6	632.3	31744.6
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.5	0.3	2.4	2 MUNSEY	59.8	632.3	31744.6
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	1.2	1.2	9.5	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	1.2	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.4	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	1.4	51.1	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 04, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 04, 2017	4.36	4.36	4.36	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 05, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 05, 2017	0.01	0.01	0.01	100.0%
18800601	93	723	ARCO	13132365	2	Jun 07, 2017	0.04	0.08	0.04	100.0%
18800601	370	530	ARCO	13132365	2	Jun 07, 2017	0.15	0.31	0.15	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	Jun 05, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	Jun 05, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 05, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 05, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 05, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 04, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 05, 2017	3.00	3.00	3.00	100.0%
18830601	645	464	MOORE	13132050	4	Jun 07, 2017	0.11	0.16	0.11	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 07, 2017	1.16	1.70	1.16	100.0%
18830601	224	854	MOORE	13132050	4	Jun 07, 2017	2.76	4.05	2.76	100.0%
18830601	22	1083	MOORE	13132050	4	Jun 07, 2017	0.06	0.09	0.06	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 07, 2017	0.79	1.16	0.79	100.0%
18830630	223	1192	Upper Eastside &	13132101	2	Jun 07, 2017	1.66	2.43	1.66	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	Jun 07, 2017	0.21	0.31	0.21	100.0%
18830810	192	1109	Upper Eastside &	13132101	2	Jun 07, 2017	0.21	0.31	0.21	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	Jun 07, 2017	0.43	0.63	0.43	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 07, 2017	0.18	0.26	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 07, 2017	0.48	0.70	0.48	100.0%
18830810	263	393	MOORE	13132050	4	Jun 07, 2017	0.18	0.26	0.18	100.0%
18830810	2332	1088	MOORE	13132050	4	Jun 07, 2017	1.50	2.20	1.50	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	Jun 06, 2017	0.68	0.76	0.68	100.0%
18840422	236	30	BECK	13130525	4	Jun 07, 2017	1.64	2.41	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 07, 2017	0.14	0.21	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 06, 2017	0.82	0.91	0.82	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 06, 2017	0.18	0.20	0.18	100.0%
18840422	201	83	SWAUGER	13127600	5	Jun 06, 2017	1.12	1.25	1.12	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 06, 2017	0.07	0.08	0.07	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 06, 2017	1.44	1.61	1.44	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 06, 2017	0.96	1.07	0.96	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 06, 2017	1.63	1.82	1.63	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 06, 2017	2.17	2.42	2.17	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 06, 2017	0.55	0.61	0.55	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 06, 2017	0.20	0.22	0.20	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 06, 2017	1.92	2.14	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 06, 2017	0.50	0.56	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 06, 2017	2.00	2.23	2.00	100.0%
18840422	2525	407	SHARP	13126500	6	Jun 05, 2017	0.08	0.08	0.08	100.0%
18840422	632	1539	SHARP	13126500	6	Jun 05, 2017	0.12	0.12	0.12	100.0%
18840422	544	1067	SHARP	13126500	6	Jun 05, 2017	1.00	1.00	1.00	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 05, 2017	0.64	0.64	0.64	100.0%
18840422	347	938	SHARP	13126500	6	Jun 05, 2017	3.18	3.18	3.18	100.0%
18840422	24	120	SHARP	13126500	6	Jun 05, 2017	0.08	0.08	0.08	100.0%
18840422	390	406	SHARP	13126500	6	Jun 05, 2017	0.09	0.09	0.09	100.0%
18840422	397	10	SHARP	13126500	6	Jun 05, 2017	0.12	0.12	0.12	100.0%
18840430	623	1519	BURNETT	13127750	5	Jun 06, 2017	0.40	0.45	0.40	100.0%
18840430	73	193	BURNETT	13127750	5	Jun 06, 2017	1.23	1.37	1.23	100.0%
18840430	73	194	BURNETT	13127750	5	Jun 06, 2017	0.77	0.86	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 06, 2017	0.06	0.07	0.06	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 06, 2017	0.40	0.45	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 06, 2017	0.80	0.89	0.80	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 05, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 05, 2017	0.22	0.22	0.22	100.0%
18840520	180	470	Upper Eastside &	13132101	2	Jun 07, 2017	0.16	0.23	0.16	100.0%

18840520	604	436	Lower Eastside &	13132291	2	Jun 07, 2017	1.15	1.69	1.15	100.0%
18840520	187	16	Upper Eastside &	13132291	2	Jun 07, 2017	0.16	0.23	0.16	100.0%
18840520	251	796	Upper Eastside &	13132101	2	Jun 07, 2017	0.80	1.17	0.80	100.0%
18840520	2332	752	MOORE	13132050	4	Jun 07, 2017	0.36	0.53	0.36	100.0%
18840520	2335	265	MOORE	13132050	4	Jun 07, 2017	0.82	1.20	0.82	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 07, 2017	0.96	1.41	0.96	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 07, 2017	0.01	0.01	0.01	100.0%
18840520	459	797	MOORE	13132050	4	Jun 07, 2017	1.20	1.76	1.20	100.0%
18840520	2332	753	MOORE	13132050	4	Jun 07, 2017	0.42	0.62	0.42	100.0%
18840520	433	271	MOORE	13132050	4	Jun 07, 2017	0.54	0.79	0.54	100.0%
18840520	427	1	MOORE	13132050	4	Jun 07, 2017	0.80	1.17	0.80	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 07, 2017	1.33	1.95	1.33	100.0%
18840520	645	462	MOORE	13132050	4	Jun 07, 2017	0.27	0.40	0.27	100.0%
18840520	219	547	MOORE	13132050	4	Jun 07, 2017	1.10	1.61	1.10	100.0%
18840520	340	816	MOORE	13132050	4	Jun 07, 2017	0.28	0.41	0.28	100.0%
18840520	263	394	MOORE	13132050	4	Jun 07, 2017	0.22	0.32	0.22	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 07, 2017	2.24	3.29	2.24	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 07, 2017	0.22	0.32	0.22	100.0%
18840520	66	266	MOORE	13132050	4	Jun 07, 2017	0.02	0.03	0.02	100.0%
18840520	96	451	MOORE	13132050	4	Jun 07, 2017	0.58	0.85	0.58	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 06, 2017	0.72	0.80	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 07, 2017	1.28	1.88	1.28	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 07, 2017	0.08	0.12	0.08	100.0%
18840601	15	131	MOORE	13132050	4	Jun 07, 2017	0.37	0.54	0.37	100.0%
18840601	96	453	MOORE	13132050	4	Jun 07, 2017	0.21	0.31	0.21	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 07, 2017	0.54	0.79	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 07, 2017	0.09	0.13	0.09	100.0%
18840601	263	395	MOORE	13132050	4	Jun 07, 2017	0.08	0.12	0.08	100.0%
18840601	623	1504	BURNETT	13127750	5	Jun 06, 2017	0.27	0.30	0.27	100.0%
18840601	623	1505	BURNETT	13127750	5	Jun 06, 2017	0.40	0.45	0.40	100.0%
18840601	73	199	BURNETT	13127750	5	Jun 06, 2017	0.37	0.41	0.37	100.0%
18840601	73	200	BURNETT	13127750	5	Jun 06, 2017	0.23	0.26	0.23	100.0%
18840601	623	1493	BURNETT	13127750	5	Jun 06, 2017	0.20	0.22	0.20	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 06, 2017	0.80	0.89	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 06, 2017	0.73	0.82	0.73	100.0%
18840601	151	1042	BURNETT	13127750	5	Jun 06, 2017	0.23	0.26	0.23	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 06, 2017	0.80	0.89	0.80	100.0%
18840601	138	441	BURNETT	13127750	5	Jun 06, 2017	0.04	0.04	0.04	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 05, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 04, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 04, 2017	0.40	0.40	0.40	100.0%
18840715	133	324	MOORE	13132050	4	Jun 07, 2017	0.74	1.09	0.74	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 07, 2017	0.80	1.17	0.80	100.0%
18840715	115	323	MOORE	13132050	4	Jun 07, 2017	0.74	1.09	0.74	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 07, 2017	1.20	1.76	1.20	100.0%
18840715	15	799	MOORE	13132050	4	Jun 07, 2017	0.80	1.17	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 07, 2017	1.20	1.76	1.20	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 07, 2017	0.80	1.17	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Jun 07, 2017	0.80	1.17	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	Jun 07, 2017	0.20	0.29	0.20	100.0%
18840831	251	773	Upper Eastside &	13132101	2	Jun 07, 2017	0.50	0.73	0.50	100.0%
18840831	638	772	Upper Eastside &	13132101	2	Jun 07, 2017	0.40	0.59	0.40	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	Jun 07, 2017	0.44	0.65	0.44	100.0%
18840831	192	772	Upper Eastside &	13132101	2	Jun 07, 2017	0.40	0.59	0.40	100.0%
18840831	180	276	Upper Eastside &	13132101	2	Jun 07, 2017	1.31	1.92	1.31	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 05, 2017	1.74	1.74	1.74	100.0%
18840914	623	1494	BURNETT	13127750	5	Jun 06, 2017	0.40	0.45	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 06, 2017	0.40	0.45	0.40	100.0%
18841012	205	557	BECK	13130525	4	Jun 07, 2017	1.76	2.58	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 07, 2017	1.25	1.83	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jun 07, 2017	0.31	0.45	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jun 07, 2017	0.58	0.85	0.58	100.0%
18841012	347	1141	SWAUGER	13127600	5	Jun 06, 2017	0.22	0.24	0.22	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 06, 2017	2.78	3.10	2.78	100.0%

18841012	314	1444	SWAUGER	13127600	5	Jun 06, 2017	3.30	3.68	3.30	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 06, 2017	0.81	0.90	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 06, 2017	2.77	3.09	2.77	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 06, 2017	0.80	0.89	0.80	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 06, 2017	0.74	0.83	0.74	100.0%
18841012	190	418	SWAUGER	13127600	5	Jun 06, 2017	0.11	0.12	0.11	100.0%
18841012	440	1256	DARLINGTON	13127735	5	Jun 06, 2017	0.75	0.84	0.75	100.0%
18841012	347	1141	SHARP	13126500	6	Jun 05, 2017	0.84	0.84	0.84	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 06, 2017	1.10	1.23	1.10	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 06, 2017	2.00	2.23	2.00	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 06, 2017	1.65	1.84	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jun 06, 2017	0.61	0.68	0.61	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 06, 2017	0.79	0.88	0.79	100.0%
18850501	672	1629	Lower Eastside &	13132291	2	Jun 07, 2017	1.80	2.64	1.80	100.0%
18850501	672	1630	Lower Eastside &	13132291	2	Jun 07, 2017	0.20	0.29	0.20	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	Jun 07, 2017	1.50	2.20	1.50	100.0%
18850501	675	1623	ARCO	13132365	2	Jun 07, 2017	0.22	0.45	0.22	100.0%
18850501	423	87	Lower Eastside &	13132291	2	Jun 07, 2017	0.20	0.29	0.20	100.0%
18850501	468	59	ARCO	13132365	2	Jun 07, 2017	0.74	1.51	0.74	100.0%
18850501	423	186	Lower Eastside &	13132291	2	Jun 07, 2017	0.26	0.38	0.26	100.0%
18850501	426	887	ARCO	13132365	2	Jun 07, 2017	0.42	0.86	0.42	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 04, 2017	2.80	2.80	2.80	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 04, 2017	0.50	0.50	0.50	100.0%
18850512	251	22	Upper Eastside &	13132101	2	Jun 07, 2017	0.74	1.09	0.74	100.0%
18850512	192	1399	Upper Eastside &	13132101	2	Jun 07, 2017	0.20	0.29	0.20	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	Jun 07, 2017	0.20	0.29	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 07, 2017	1.48	2.17	1.48	100.0%
18850530	282	1190	SUTTER	13128105	5	Jun 06, 2017	0.20	0.22	0.20	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 07, 2017	1.10	1.61	1.10	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 06, 2017	3.20	3.57	3.20	100.0%
18850601	205	554	BECK	13130525	4	Jun 07, 2017	0.59	0.87	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Jun 07, 2017	0.50	0.73	0.50	100.0%
18850601	20	949	DARLINGTON	13127735	5	Jun 06, 2017	0.40	0.45	0.40	100.0%
18850601	212	315	DARLINGTON	13127735	5	Jun 06, 2017	0.94	1.05	0.94	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 06, 2017	2.60	2.90	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 06, 2017	1.54	1.72	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	Jun 05, 2017	0.76	0.76	0.76	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 05, 2017	1.16	1.16	1.16	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 04, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 06, 2017	2.96	3.30	2.96	100.0%
18851002	93	726	ARCO	13132365	2	Jun 07, 2017	0.50	1.02	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	Jun 07, 2017	1.16	2.36	1.16	100.0%
18851002	437	62	ARCO	13132365	2	Jun 07, 2017	1.54	3.14	1.54	100.0%
18851002	468	61	ARCO	13132365	2	Jun 07, 2017	3.60	7.33	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 05, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	Jun 07, 2017	4.20	6.16	4.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 07, 2017	0.86	1.27	0.86	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 07, 2017	2.80	4.11	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 07, 2017	1.20	1.76	1.20	100.0%
18860512	634	1543	Upper Eastside &	13132101	2	Jun 07, 2017	0.41	0.60	0.41	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 07, 2017	0.18	0.26	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Jun 07, 2017	0.18	0.26	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 07, 2017	0.48	0.70	0.48	100.0%
18860601	482	867	Upper Eastside &	13132101	2	Jun 07, 2017	1.24	1.82	1.24	100.0%
18860601	69	881	Upper Eastside &	13132101	2	Jun 07, 2017	1.42	2.08	1.42	100.0%
18860601	339	1010	MOORE	13132050	4	Jun 07, 2017	0.68	1.00	0.68	100.0%
18860601	16	1009	MOORE	13132050	4	Jun 07, 2017	2.52	3.70	2.52	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 06, 2017	1.60	1.78	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 05, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 05, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	Jun 07, 2017	0.84	1.23	0.84	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 06, 2017	0.80	0.89	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	Jun 06, 2017	3.00	3.35	3.00	100.0%
18860901	256	931	MUNSEY	13132375	2	Jun 07, 2017	0.16	0.33	0.16	100.0%

18860901	256	758	MUNSEY	13132375	2	Jun 07, 2017	2.20	4.48	2.20	100.0%
18860901	256	759	MUNSEY	13132375	2	Jun 07, 2017	0.34	0.69	0.34	100.0%
18860901	165	1248	BURNETT	13127750	5	Jun 06, 2017	1.60	1.78	1.60	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 05, 2017	3.20	3.20	3.20	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	Jun 07, 2017	0.80	1.17	0.80	100.0%
18870302	618	1510	MOORE	13132050	4	Jun 07, 2017	0.94	1.38	0.94	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 07, 2017	3.20	4.69	3.20	100.0%
18870313	70	337	MOORE	13132050	4	Jun 07, 2017	0.23	0.34	0.23	100.0%
18870313	459	338	MOORE	13132050	4	Jun 07, 2017	0.42	0.62	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jun 07, 2017	0.70	1.03	0.70	100.0%
18870313	73	202	BURNETT	13127750	5	Jun 06, 2017	0.65	0.73	0.65	100.0%
18870313	73	201	BURNETT	13127750	5	Jun 06, 2017	1.05	1.17	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 04, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 05, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 07, 2017	2.30	4.68	2.30	100.0%
18870601	423	76	Lower Eastside &	13132291	2	Jun 07, 2017	0.22	0.32	0.22	100.0%
18870601	423	1028	Lower Eastside &	13132291	2	Jun 07, 2017	1.24	1.82	1.24	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 07, 2017	1.00	1.47	1.00	100.0%
18870601	252	353	DARLINGTON	13127735	5	Jun 06, 2017	0.43	0.48	0.43	100.0%
18870601	73	195	BURNETT	13127750	5	Jun 06, 2017	1.11	1.24	1.11	100.0%
18870601	73	196	BURNETT	13127750	5	Jun 06, 2017	0.69	0.77	0.69	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 06, 2017	0.30	0.33	0.30	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 05, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 05, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 04, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 04, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	Jun 07, 2017	0.80	1.17	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 06, 2017	0.80	0.89	0.80	100.0%
18870630	165	980	BURNETT	13127750	5	Jun 06, 2017	0.80	0.89	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Jun 06, 2017	0.80	0.89	0.80	100.0%
18870801	73	189	BURNETT	13127750	5	Jun 06, 2017	0.62	0.69	0.62	100.0%
18870801	623	1508	BURNETT	13127750	5	Jun 06, 2017	0.53	0.59	0.53	100.0%
18870801	73	190	BURNETT	13127750	5	Jun 06, 2017	0.38	0.42	0.38	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 06, 2017	0.27	0.30	0.27	100.0%
18870831	623	1507	BURNETT	13127750	5	Jun 06, 2017	1.20	1.34	1.20	100.0%
18870831	119	1154	BURNETT	13127750	5	Jun 06, 2017	1.20	1.34	1.20	100.0%
18880601	427	669	ARCO	13132365	2	Jun 07, 2017	0.81	1.64	0.81	100.0%
18880601	437	670	ARCO	13132365	2	Jun 07, 2017	0.33	0.67	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	Jun 06, 2017	0.98	1.09	0.98	100.0%
18880601	347	1138	SWAUGER	13127600	5	Jun 06, 2017	0.33	0.36	0.33	100.0%
18880601	347	1138	SHARP	13126500	6	Jun 05, 2017	1.27	1.27	1.27	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	Jun 05, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 04, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 04, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 03, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	Jun 07, 2017	0.90	1.32	0.90	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 07, 2017	0.40	0.81	0.40	100.0%
18890601	599	1552	MOORE	13132050	4	Jun 07, 2017	0.35	0.51	0.35	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 07, 2017	0.50	0.73	0.50	100.0%
18890601	463	1396	MOORE	13132050	4	Jun 07, 2017	0.20	0.29	0.20	100.0%
18890601	623	1503	BURNETT	13127750	5	Jun 06, 2017	0.80	0.89	0.80	100.0%
18890601	119	996	BURNETT	13127750	5	Jun 06, 2017	0.40	0.45	0.40	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 06, 2017	1.20	1.34	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 06, 2017	1.26	1.41	1.26	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 06, 2017	2.70	3.01	2.70	100.0%
18900601	372	886	ARCO	13132365	2	Jun 07, 2017	0.59	1.20	0.59	100.0%
18900601	416	591	3IN1	13130605	4	Jun 07, 2017	0.75	1.10	0.75	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 05, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 05, 2017	3.20	3.20	3.20	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 04, 2017	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 04, 2017	1.76	1.76	1.76	100.0%
18910630	205	555	BECK	13130525	4	Jun 07, 2017	0.99	1.45	0.99	100.0%
18910630	2332	1254	MOORE	13132050	4	Jun 07, 2017	0.48	0.70	0.48	100.0%
18910630	44	1253	MOORE	13132050	4	Jun 07, 2017	0.70	1.03	0.70	100.0%

18910630	2332	1255	MOORE	13132050	4	Jun 07, 2017	0.28	0.41	0.28	100.0%
18910630	44	1003	MOORE	13132050	4	Jun 07, 2017	0.76	1.11	0.76	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 04, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 05, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 05, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jun 07, 2017	0.22	0.32	0.22	100.0%
18930323	77	688	MOORE	13132050	4	Jun 07, 2017	1.50	2.20	1.50	100.0%
18930323	77	366	MOORE	13132050	4	Jun 07, 2017	1.60	2.35	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 05, 2017	0.74	0.74	0.74	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 06, 2017	0.44	0.49	0.44	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 06, 2017	0.70	0.78	0.70	100.0%
18940310	265	1223	BURNETT	13127750	5	Jun 06, 2017	2.80	3.12	2.80	100.0%
18940310	386	268	SUTTER	13128105	5	Jun 06, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 04, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 05, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jun 07, 2017	0.80	1.17	0.80	100.0%
18940531	5	776	MOORE	13132050	4	Jun 07, 2017	0.20	0.29	0.20	100.0%
18940531	77	800	MOORE	13132050	4	Jun 07, 2017	0.74	1.09	0.74	100.0%
18940601	482	1301	Upper Eastside &	13132101	2	Jun 07, 2017	0.36	0.53	0.36	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	Jun 07, 2017	3.20	4.69	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jun 07, 2017	0.15	0.22	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jun 06, 2017	0.11	0.12	0.11	100.0%
18940601	390	408	SHARP	13126500	6	Jun 05, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 04, 2017	1.20	1.20	1.20	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jun 06, 2017	0.38	0.42	0.38	100.0%
18940926	252	357	DARLINGTON	13127735	5	Jun 06, 2017	0.30	0.33	0.30	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	Jun 06, 2017	1.10	1.23	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 04, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	Jun 07, 2017	0.80	1.17	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jun 07, 2017	0.10	0.15	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	Jun 06, 2017	1.14	1.27	1.14	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 04, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 04, 2017	0.18	0.18	0.18	100.0%
18950610	416	592	3IN1	13130605	4	Jun 07, 2017	2.25	3.30	2.25	100.0%
18950630	265	1224	BURNETT	13127750	5	Jun 06, 2017	2.62	2.92	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 05, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	Jun 07, 2017	1.47	2.16	1.47	100.0%
18960601	144	741	Lower Eastside &	13132291	2	Jun 07, 2017	0.70	1.03	0.70	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	Jun 07, 2017	0.04	0.05	0.04	100.0%
18960601	192	1405	Upper Eastside &	13132101	2	Jun 07, 2017	0.04	0.05	0.04	100.0%
18960601	180	278	Upper Eastside &	13132101	2	Jun 07, 2017	0.41	0.60	0.41	100.0%
18960601	45	998	Lower Eastside &	13132291	2	Jun 07, 2017	0.10	0.15	0.10	100.0%
18960601	96	461	MOORE	13132050	4	Jun 07, 2017	0.09	0.13	0.09	100.0%
18960601	96	457	MOORE	13132050	4	Jun 07, 2017	0.92	1.35	0.92	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 07, 2017	2.40	3.52	2.40	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 07, 2017	0.14	0.21	0.14	100.0%
18960601	463	128	MOORE	13132050	4	Jun 07, 2017	1.60	2.35	1.60	100.0%
18960601	417	992	MOORE	13132050	4	Jun 07, 2017	1.20	1.76	1.20	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 07, 2017	0.40	0.59	0.40	100.0%
18960601	15	1106	MOORE	13132050	4	Jun 07, 2017	1.17	1.72	1.17	100.0%
18960601	459	993	MOORE	13132050	4	Jun 07, 2017	0.40	0.59	0.40	100.0%
18960601	417	381	MOORE	13132050	4	Jun 07, 2017	2.40	3.52	2.40	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 07, 2017	0.23	0.34	0.23	100.0%
18960601	263	399	MOORE	13132050	4	Jun 07, 2017	0.27	0.40	0.27	100.0%
18960601	263	397	MOORE	13132050	4	Jun 07, 2017	0.35	0.51	0.35	100.0%
18960601	339	1118	MOORE	13132050	4	Jun 07, 2017	1.57	2.30	1.57	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 07, 2017	0.32	0.47	0.32	100.0%
18960601	252	359	DARLINGTON	13127735	5	Jun 06, 2017	0.89	0.99	0.89	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jun 06, 2017	1.15	1.28	1.15	100.0%
18960601	56	118	MACKAY DAM	13126000	7	Jun 05, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 07, 2017	2.00	4.07	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	Jun 06, 2017	1.32	1.47	1.32	100.0%
18960801	280	1186	SHARP	13126500	6	Jun 05, 2017	0.10	0.10	0.10	100.0%
18960901	427	672	ARCO	13132365	2	Jun 07, 2017	0.32	0.65	0.32	100.0%

18960901	437	671	ARCO	13132365	2	Jun 07, 2017	0.13	0.26	0.13	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 07, 2017	1.97	4.01	1.97	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 07, 2017	0.03	0.06	0.03	100.0%
18960928	392	840	MUNSEY	13132375	2	Jun 07, 2017	3.86	7.86	3.86	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 07, 2017	0.51	1.04	0.51	100.0%
18970510	437	664	ARCO	13132365	2	Jun 07, 2017	1.74	3.54	1.74	100.0%
18970510	427	6	ARCO	13132365	2	Jun 07, 2017	3.93	8.01	3.93	100.0%
18970510	47	92	DARLINGTON	13127735	5	Jun 06, 2017	5.64	6.29	4.82	85.5%
18970510	73	191	BURNETT	13127750	5	Jun 06, 2017	0.92	1.03	0.92	100.0%
18970510	73	192	BURNETT	13127750	5	Jun 06, 2017	0.20	0.22	0.20	100.0%
18970515	604	43	Lower Eastside &	13132291	2	Jun 07, 2017	1.34	1.97	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 04, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 06, 2017	3.20	3.57	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	Jun 07, 2017	0.24	0.35	0.24	100.0%
18970615	180	280	Upper Eastside &	13132101	2	Jun 07, 2017	0.13	0.19	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 05, 2017	2.40	2.40	2.40	100.0%
18980601	192	1406	Upper Eastside &	13132101	2	Jun 07, 2017	0.09	0.13	0.09	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	Jun 07, 2017	0.65	0.95	0.65	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 07, 2017	0.50	1.02	0.50	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 04, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 04, 2017	2.01	2.01	2.01	100.0%
18980901	122	821	ARCO	13132365	2	Jun 07, 2017	0.10	0.20	0.10	100.0%
18980901	344	820	ARCO	13132365	2	Jun 07, 2017	0.06	0.12	0.06	100.0%
18980901	268	562	ARCO	13132365	2	Jun 07, 2017	1.57	3.20	1.57	100.0%
18980901	344	597	ARCO	13132365	2	Jun 07, 2017	0.04	0.08	0.04	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 05, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 05, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	Jun 07, 2017	0.92	1.35	0.92	100.0%
18990327	604	437	Lower Eastside &	13132291	2	Jun 07, 2017	0.13	0.19	0.13	100.0%
18990327	180	468	Upper Eastside &	13132101	2	Jun 07, 2017	0.05	0.07	0.05	100.0%
18990327	604	41	Lower Eastside &	13132291	2	Jun 07, 2017	0.84	1.23	0.84	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 07, 2017	0.01	0.01	0.01	100.0%
18990327	459	1090	MOORE	13132050	4	Jun 07, 2017	0.60	0.88	0.60	100.0%
18990327	433	272	MOORE	13132050	4	Jun 07, 2017	0.48	0.70	0.48	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 07, 2017	2.80	5.70	2.80	100.0%
18990518	151	1044	BURNETT	13127750	5	Jun 06, 2017	0.15	0.17	0.15	100.0%
18990518	138	443	BURNETT	13127750	5	Jun 06, 2017	0.02	0.02	0.02	100.0%
18990601	201	705	SWAUGER	13127600	5	Jun 06, 2017	0.28	0.31	0.28	100.0%
18990601	165	982	BURNETT	13127750	5	Jun 06, 2017	0.68	0.76	0.68	100.0%
18990601	490	981	BURNETT	13127750	5	Jun 06, 2017	0.80	0.89	0.80	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 04, 2017	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 04, 2017	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jun 07, 2017	0.80	1.63	0.80	100.0%
19000323	77	44	MOORE	13132050	4	Jun 07, 2017	0.30	0.44	0.30	100.0%
19000601	386	270	SUTTER	13128105	5	Jun 06, 2017	0.08	0.09	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 04, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 05, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 05, 2017	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jun 07, 2017	0.23	0.34	0.23	100.0%
19010901	433	685	MOORE	13132050	4	Jun 07, 2017	0.50	0.73	0.50	100.0%
19010901	70	339	MOORE	13132050	4	Jun 07, 2017	0.10	0.15	0.10	100.0%
19010901	138	439	BURNETT	13127750	5	Jun 06, 2017	0.02	0.02	0.02	100.0%
19011001	263	396	MOORE	13132050	4	Jun 07, 2017	0.14	0.21	0.14	100.0%
19020103	548	1436	BRADSHAW	13120705	9	Jun 04, 2017	2.60	2.60	2.60	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	Jun 07, 2017	0.20	0.29	0.20	100.0%
19020301	15	81	MOORE	13132050	4	Jun 07, 2017	0.20	0.30	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 07, 2017	0.31	0.45	0.31	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	Jun 05, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 04, 2017	0.90	0.90	0.90	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 04, 2017	3.85	3.85	3.85	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 04, 2017	1.60	1.60	1.60	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 04, 2017	3.40	3.40	3.40	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 04, 2017	3.20	3.20	3.20	100.0%
19020301	307	834	CHILLY	13121105	9	Jun 04, 2017	2.40	2.40	2.40	100.0%

19020301	310	836	CHILLY	13121105	9	Jun 04, 2017	0.80	0.80	0.80	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 04, 2017	1.60	1.60	1.60	100.0%
19020304	129	1062	CHILLY	13121105	9	Jun 04, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 04, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 04, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 07, 2017	1.38	2.02	1.38	100.0%
19020501	310	631	CHILLY	13121105	9	Jun 04, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 03, 2017	0.62	0.62	0.62	100.0%
19020601	16	1014	MOORE	13132050	4	Jun 07, 2017	0.92	1.35	0.92	100.0%
19020601	339	1015	MOORE	13132050	4	Jun 07, 2017	0.66	0.97	0.66	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 05, 2017	3.70	3.70	3.70	100.0%
19020601	154	838	Freeman Ditch	13124165	8	Jun 05, 2017	1.50	1.50	1.50	100.0%
19020701	548	1435	BRADSHAW	13120705	9	Jun 04, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 04, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 05, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 05, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	Jun 07, 2017	1.46	2.14	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	Jun 06, 2017	0.08	0.09	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	Jun 06, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	Jun 04, 2017	1.40	1.40	1.40	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 05, 2017	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 05, 2017	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 05, 2017	0.13	0.13	0.13	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 04, 2017	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 04, 2017	0.62	0.62	0.62	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 04, 2017	0.82	0.82	0.82	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 04, 2017	0.65	0.65	0.65	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 04, 2017	1.30	1.30	1.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 04, 2017	3.00	3.00	3.00	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 04, 2017	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 04, 2017	0.40	0.40	0.40	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 04, 2017	0.50	0.50	0.50	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 04, 2017	0.58	0.58	0.58	100.0%
19050501	310	115	CHILLY	13121105	9	Jun 04, 2017	1.90	1.90	1.90	100.0%
19050501	129	1063	CHILLY	13121105	9	Jun 04, 2017	0.80	0.80	0.80	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 04, 2017	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 04, 2017	1.10	1.10	1.10	100.0%
19050501	483	1501	LONGHURST	13121505	9	Jun 04, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 03, 2017	2.58	2.58	2.58	100.0%
19060501	185	392	Upper Eastside &	13132101	2	Jun 07, 2017	0.19	0.28	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	Jun 04, 2017	0.50	0.50	0.50	100.0%
19060630	483	1513	LONGHURST	13121505	9	Jun 04, 2017	1.08	1.08	1.08	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 04, 2017	1.52	1.52	1.52	100.0%
19070501	575	322	NEILSEN	13120805	9	Jun 04, 2017	1.48	1.48	1.48	100.0%
19070508	483	1276	LONGHURST	13121505	9	Jun 04, 2017	1.30	1.30	1.30	100.0%
19080401	314	73	NEILSEN	13120805	9	Jun 04, 2017	2.04	2.04	2.04	100.0%
19080401	483	848	LONGHURST	13121505	9	Jun 04, 2017	2.10	2.10	2.10	100.0%
19080715	364	692	CHILLY	13121105	9	Jun 04, 2017	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 07, 2017	0.33	0.48	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	Jun 05, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 05, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 04, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	Jun 04, 2017	0.80	0.80	0.80	100.0%
19120227	364	954	CHILLY	13121105	9	Jun 04, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 05, 2017	1.20	1.20	1.20	100.0%
19120401	483	13	LONGHURST	13121505	9	Jun 04, 2017	1.71	1.71	1.71	100.0%
19120501	310	632	CHILLY	13121105	9	Jun 04, 2017	0.80	0.80	0.80	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 04, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	Jun 04, 2017	0.03	0.03	0.03	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 04, 2017	2.40	2.40	2.40	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 04, 2017	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 04, 2017	1.70	1.70	1.70	100.0%
19131206	575	1379	NEILSEN	13120805	9	Jun 04, 2017	1.72	1.72	1.72	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 04, 2017	1.60	1.60	1.60	100.0%

19140601	445	413	NEILSEN	13120805	9	Jun 04, 2017	0.02	0.02	0.02	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 04, 2017	0.18	0.18	0.18	100.0%
19150504	373	434	CHILLY	13121105	9	Jun 04, 2017	0.59	0.59	0.59	100.0%
19150504	310	636	CHILLY	13121105	9	Jun 04, 2017	0.42	0.42	0.42	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 04, 2017	1.58	1.58	1.58	100.0%
19160501	310	634	CHILLY	13121105	9	Jun 04, 2017	0.80	0.80	0.80	100.0%
19160501	129	633	CHILLY	13121105	9	Jun 04, 2017	0.80	0.80	0.80	100.0%
19160501	373	26	CHILLY	13121105	9	Jun 04, 2017	0.41	0.41	0.41	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 05, 2017	1.36	1.36	1.36	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 04, 2017	0.80	0.80	0.80	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 05, 2017	0.27	0.27	0.27	100.0%
19200601	150	218	MUNSEY	13132375	2	Jun 07, 2017	0.01	0.02	0.01	100.0%
19200601	150	217	MUNSEY	13132375	2	Jun 07, 2017	0.79	1.61	0.79	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 05, 2017	1.80	1.80	1.20	66.7%
19240806	417	695	MOORE	13132050	4	Jun 07, 2017	0.50	0.73	0.50	100.0%
19600824	185	390	Upper Eastside &	13132101	2	Jun 07, 2017	0.11	0.16	0.11	100.0%
19740402	150	220	MUNSEY	13132375	2	Jun 07, 2017	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 07, 2017	4.38	8.92	4.38	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 07, 2017	16.00	32.57	16.00	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 07, 2017	33.30	48.85	33.30	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 07, 2017	15.20	22.30	15.20	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 06, 2017	25.66	28.62	25.66	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 04, 2017	11.00	11.00	11.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	Jun 05, 2017	10000.00	10000.00	2375.36	23.8%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 4	3180.0	4.8		3184.8	0.00	3184.8	4.8	0.0		3180.0	0.0	
9	Howell to Chilly	Jun 5	6.1	160.3		-3013.6	0.95	171.2	139.7	20.6		26.7	-20.6	
8	Chilly to Reservoir	* Jun 6	3074.4	79.0		3147.3	0.00	3318.5	72.9	6.1		3101.1	-26.7	
	Disconnected													
7	Mackay Reservoir	* Jun 6	2044.0	0.0		3074.4	0.00	3074.4	2551.8			522.6		
6	Reservoir to 2B	Jun 6	2030.0	14.0		0.0	0.00	3064.9	9.5	4.5		513.1	1516.9	
5	2B to Leslie	Jun 7	1600.0	208.0		-222.0	0.11	2884.7	124.2	83.8		332.8	1267.2	
4	Leslie to Eastside In	Jun 8	1010.8	195.4		-393.8	0.25	2665.3	137.4	58.0		113.5	897.3	
2a	Eastside In To Weirs	* Jun 8	861.6	16.6	0.0	-132.6	0.13	2634.0	16.5	0.1		82.1	779.5	0.0
2b	Weirs To Eastside Out	* Jun 8	712.5	13.1	0.0	-136.0	0.16	2608.9	12.1	1.0		57.1	655.4	0.0
2c	Eastside Out To Blw Muns	* Jun 8	595.6	116.9	0.0	0.0	0.00	2551.8	57.1	59.8	0.0	0.0	595.6	0.0
1	Blw Munsey to Arco	Jun 8	501.0	0.0		-94.6	0.16	2544.1	0.0	0.0		0.0	595.6	
3	River blw Moore Div	Jun 8	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	3125.9	234.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	Jun 4	0.0		20090101	25%	1	18800630	3.2	556.5	234.8	
9	Howell to Chilly	Jun 5	-3013.6		20090101	25%	2	18810630	1.7	294.0	124.8	
8	Chilly to Reservoir	Jun 6	0.0		20090101	25%	3	18880601	3.2	556.5	234.8	
	Disconnected						4	18960601	6.4	1113.0	469.7	
7	Mackay Reservoir	Jun 6	0.0		20090101	25%	5	19020301	0.8	140.0	58.7	
6	Reservoir to 2B	Jun 6	0.0	0.0	20090101	25%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	Jun 7	-56.1	-165.9	20090101	25%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	Jun 8	-81.9	-311.9	20090101	25%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	Jun 8	-14.9	-117.7	0.0	20090101	25%	9	Add Vol	Unlimited	200000.0	120561.3
2b	Weirs To Eastside Out	Jun 8	-13.0	-123.0	0.0	20090101	25%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	Jun 8	0.0	0.0	0.0	20090101	25%		TOTAL		296511.0	165535.1
1	Blw Munsey to Arco	Jun 8	0.0	-595.6	0.0	20090101	25%					
3	River blw Moore Div	Jun 8	0.0	0.0		20090101	25%					
	TOTAL		-3179.5	-1313.8	0.0							

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
36480.0	38500.0		2020.0	1018.4	12.0	356.7	207.7	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	96835.1
Total Storage Loss	-61595.0
Total Storage Deliver	-12672.4
Total Evaporation	-548.0
Accounting Balance	<u>38499.7</u>
Current Res Content	38500.0
Storage Balance Error	-0.3

DAILY STORAGE BALANCE

36480.0 Reservoir Content Previous Day [ac-ft]
38500.0 Reservoir Content Current Day [ac-ft]
2020.0 Physical Change in Storage [ac-ft]

5061.6 Storage Allocated to Mackay Reservoir [ac-ft]
-2605.9 Stored Flow Losses [ac-ft]
-165.9 2B to Leslie [cfs]
-311.9 Leslie to Moore [cfs]
-836.0 Eastside [cfs]
0.0 River blw Moore [cfs]
-411.8 Storage Delivered [ac-ft]
4.5 Reservoir to 2B [cfs]
83.8 2B to Leslie [cfs]
58.0 Leslie to Moore [cfs]
61.3 Eastside to blw Munsey [cfs]
-23.8 Evaporation [ac-ft]
2020.1 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

3074.4 Natural Flow into Mackay Reservoir [cfs]

2551.8 Reservoir Rights Diverted [cfs]
158.9 Natural Flow Losses below Reservoir [cfs]
-56.1 2B to Leslie [cfs]
-81.9 Leslie to Moore [cfs]
-20.9 Eastside as River [cfs]
363.7 Natural Flow Delivered [cfs]
9.5 Reservoir to 2B [cfs]
124.2 2B to Leslie [cfs]
137.4 Leslie to Moore [cfs]
92.6 Eastside to blw Munsey [cfs]
3074.4 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details										
	Inflow			Outflow				Calculations		
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	Flow Out
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	1010.8			16.6	-2.5	430.8	430.8	-132.6	13.1%	861.6
Natural Flow	113.5			16.5	-2.5			-14.9		82.1
Stored Flow	897.3			0.1	0.0			-117.7		779.5
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details										
	Inflow			Outflow			Calculations			
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss	
Gage #	13132159	13132292		13132291		13132350				
Actual Flow	430.8	430.8		13.1	-4.8	712.5	-136.0	15.8%	-261.3	
Natural Flow				12.1	-4.4	57.1	-13.0		-20.9	
Stored Flow				1.0	-0.4	655.4	-123.0		-240.4	
Exchange Flow			0.0			0.0	0.0			

End of Reach Details					
	Inflow		Outflow		
	Eastside Out		Arco/Munsey Diversion	Below Munsey	
Gage #	13132350			13132390	
Actual Flow	712.5		116.9	595.6	
Natural Flow	57.1		57.1	0.0	
Stored Flow	655.4		59.8	595.6	
Exchange Flow	0.0		0.0	0.0	

Eastside as the River and as a Diversion Calculations					
	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060		13132350	
Actual Flow	37.0	973.8	15.6	846.0	712.5
Natural Flow	35.5	78.0	14.4	67.8	57.1
Stored Flow	1.5	895.8	1.2	778.3	655.4
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	14.0	4.5	214.1
9 KENT	5.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	36.0	17.4	651.9
9 BITTON	0.0	5.0	115.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.0	6.0	320.3	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	26.0	0.0	11.7
9 Thalman Hunter D	4.6	4.6	272.9	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	110.0	35.6	1899.5
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	30.0	28.2	1816.3
9 NEILSEN	42.7	0.6	276.9	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	5.0	1.0	15.9	5 SUTTER	6.0	2.6	148.0
9 CHILLY	70.0	4.4	234.0	8 Broken River Dit	0.0	0.0	31.7	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	20.0	13.3	743.8
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	2.4	2.4	19.0
9 LONGHURST	25.0	0.0	269.0	8 Freeman/Hill Pum	0.0	0.0	0.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	4.0	0.8	9.7	4 3IN1	43.0	4.8	382.6
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	130.0	37.4	3741.6
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	153.0	2 EASTSIDE FHDiv	37.0	1.5	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	2.0	0.5	2.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	59.1	655.4	33044.7
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.5	0.3	3.0	2 MUNSEY	57.8	655.4	33044.7
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	1.2	1.2	11.9	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	1.2	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.4	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	1.4	53.8	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 05, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 05, 2017	4.36	4.36	4.36	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 06, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 06, 2017	0.01	0.01	0.01	100.0%
18800601	93	723	ARCO	13132365	2	Jun 08, 2017	0.04	0.08	0.04	100.0%
18800601	370	530	ARCO	13132365	2	Jun 08, 2017	0.15	0.31	0.15	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	Jun 06, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	Jun 06, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 06, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 06, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 06, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 05, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 06, 2017	3.00	3.00	3.00	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 08, 2017	0.79	1.18	0.79	100.0%
18830601	224	854	MOORE	13132050	4	Jun 08, 2017	2.76	4.11	2.76	100.0%
18830601	22	1083	MOORE	13132050	4	Jun 08, 2017	0.06	0.09	0.06	100.0%
18830601	645	464	MOORE	13132050	4	Jun 08, 2017	0.11	0.16	0.11	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 08, 2017	1.16	1.73	1.16	100.0%
18830630	223	1192	Upper Eastside &	13132101	2	Jun 08, 2017	1.66	2.47	1.66	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	Jun 08, 2017	0.43	0.64	0.43	100.0%
18830810	192	1109	Upper Eastside &	13132101	2	Jun 08, 2017	0.21	0.32	0.21	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	Jun 08, 2017	0.21	0.32	0.21	100.0%
18830810	263	393	MOORE	13132050	4	Jun 08, 2017	0.18	0.27	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 08, 2017	0.48	0.71	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	Jun 08, 2017	1.50	2.23	1.50	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 08, 2017	0.18	0.27	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	Jun 07, 2017	0.68	0.76	0.68	100.0%
18840422	236	30	BECK	13130525	4	Jun 08, 2017	1.64	2.44	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 08, 2017	0.14	0.21	0.14	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 07, 2017	0.82	0.92	0.82	100.0%
18840422	201	83	SWAUGER	13127600	5	Jun 07, 2017	1.12	1.26	1.12	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 07, 2017	0.18	0.20	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 07, 2017	0.07	0.08	0.07	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 07, 2017	2.17	2.44	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 07, 2017	0.20	0.22	0.20	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 07, 2017	1.44	1.62	1.44	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 07, 2017	1.63	1.83	1.63	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 07, 2017	0.55	0.62	0.55	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 07, 2017	0.96	1.08	0.96	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 07, 2017	2.00	2.25	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 07, 2017	1.92	2.16	1.92	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 07, 2017	0.50	0.56	0.50	100.0%
18840422	632	1539	SHARP	13126500	6	Jun 06, 2017	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	Jun 06, 2017	0.08	0.08	0.08	100.0%
18840422	2525	407	SHARP	13126500	6	Jun 06, 2017	0.08	0.08	0.08	100.0%
18840422	390	406	SHARP	13126500	6	Jun 06, 2017	0.09	0.09	0.09	100.0%
18840422	544	1067	SHARP	13126500	6	Jun 06, 2017	1.00	1.00	1.00	100.0%
18840422	347	938	SHARP	13126500	6	Jun 06, 2017	3.18	3.18	3.18	100.0%
18840422	397	10	SHARP	13126500	6	Jun 06, 2017	0.12	0.12	0.12	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 06, 2017	0.64	0.64	0.64	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 07, 2017	0.80	0.90	0.80	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 07, 2017	0.40	0.45	0.40	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 07, 2017	0.06	0.07	0.06	100.0%
18840430	73	194	BURNETT	13127750	5	Jun 07, 2017	0.77	0.86	0.77	100.0%
18840430	73	193	BURNETT	13127750	5	Jun 07, 2017	1.23	1.38	1.23	100.0%
18840430	623	1519	BURNETT	13127750	5	Jun 07, 2017	0.40	0.45	0.40	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 06, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 06, 2017	0.22	0.22	0.22	100.0%
18840520	180	470	Upper Eastside &	13132101	2	Jun 08, 2017	0.16	0.24	0.16	100.0%

18840520	604	436	Lower Eastside &	13132291	2	Jun 08, 2017	1.15	1.71	1.15	100.0%
18840520	187	16	Upper Eastside &	13132291	2	Jun 08, 2017	0.16	0.24	0.16	100.0%
18840520	251	796	Upper Eastside &	13132101	2	Jun 08, 2017	0.80	1.19	0.80	100.0%
18840520	219	547	MOORE	13132050	4	Jun 08, 2017	1.10	1.64	1.10	100.0%
18840520	340	816	MOORE	13132050	4	Jun 08, 2017	0.28	0.42	0.28	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 08, 2017	1.33	1.98	1.33	100.0%
18840520	2335	265	MOORE	13132050	4	Jun 08, 2017	0.82	1.22	0.82	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 08, 2017	2.24	3.34	2.24	100.0%
18840520	2332	753	MOORE	13132050	4	Jun 08, 2017	0.42	0.63	0.42	100.0%
18840520	427	1	MOORE	13132050	4	Jun 08, 2017	0.80	1.19	0.80	100.0%
18840520	96	451	MOORE	13132050	4	Jun 08, 2017	0.58	0.86	0.58	100.0%
18840520	66	266	MOORE	13132050	4	Jun 08, 2017	0.02	0.03	0.02	100.0%
18840520	645	462	MOORE	13132050	4	Jun 08, 2017	0.27	0.40	0.27	100.0%
18840520	433	271	MOORE	13132050	4	Jun 08, 2017	0.54	0.80	0.54	100.0%
18840520	263	394	MOORE	13132050	4	Jun 08, 2017	0.22	0.33	0.22	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 08, 2017	0.96	1.43	0.96	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 08, 2017	0.01	0.01	0.01	100.0%
18840520	459	797	MOORE	13132050	4	Jun 08, 2017	1.20	1.79	1.20	100.0%
18840520	2332	752	MOORE	13132050	4	Jun 08, 2017	0.36	0.54	0.36	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 08, 2017	0.22	0.33	0.22	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 07, 2017	0.72	0.81	0.72	100.0%
18840601	15	131	MOORE	13132050	4	Jun 08, 2017	0.37	0.55	0.37	100.0%
18840601	96	453	MOORE	13132050	4	Jun 08, 2017	0.21	0.31	0.21	100.0%
18840601	263	395	MOORE	13132050	4	Jun 08, 2017	0.08	0.12	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 08, 2017	0.54	0.80	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 08, 2017	0.09	0.13	0.09	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 08, 2017	1.28	1.91	1.28	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 08, 2017	0.08	0.12	0.08	100.0%
18840601	623	1505	BURNETT	13127750	5	Jun 07, 2017	0.40	0.45	0.40	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 07, 2017	0.80	0.90	0.80	100.0%
18840601	623	1493	BURNETT	13127750	5	Jun 07, 2017	0.20	0.22	0.20	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 07, 2017	0.80	0.90	0.80	100.0%
18840601	73	200	BURNETT	13127750	5	Jun 07, 2017	0.23	0.26	0.23	100.0%
18840601	73	199	BURNETT	13127750	5	Jun 07, 2017	0.37	0.42	0.37	100.0%
18840601	138	441	BURNETT	13127750	5	Jun 07, 2017	0.04	0.04	0.04	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 07, 2017	0.73	0.82	0.73	100.0%
18840601	623	1504	BURNETT	13127750	5	Jun 07, 2017	0.27	0.30	0.27	100.0%
18840601	151	1042	BURNETT	13127750	5	Jun 07, 2017	0.23	0.26	0.23	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 06, 2017	1.60	1.60	1.60	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 05, 2017	0.80	0.80	0.80	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 05, 2017	0.40	0.40	0.40	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 08, 2017	0.80	1.19	0.80	100.0%
18840715	115	323	MOORE	13132050	4	Jun 08, 2017	0.74	1.10	0.74	100.0%
18840715	15	799	MOORE	13132050	4	Jun 08, 2017	0.80	1.19	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 08, 2017	1.20	1.79	1.20	100.0%
18840715	133	324	MOORE	13132050	4	Jun 08, 2017	0.74	1.10	0.74	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 08, 2017	1.20	1.79	1.20	100.0%
18840731	44	1132	MOORE	13132050	4	Jun 08, 2017	0.80	1.19	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 08, 2017	0.80	1.19	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	Jun 08, 2017	0.20	0.30	0.20	100.0%
18840831	192	772	Upper Eastside &	13132101	2	Jun 08, 2017	0.40	0.60	0.40	100.0%
18840831	251	773	Upper Eastside &	13132101	2	Jun 08, 2017	0.50	0.74	0.50	100.0%
18840831	180	276	Upper Eastside &	13132101	2	Jun 08, 2017	1.31	1.95	1.31	100.0%
18840831	638	772	Upper Eastside &	13132101	2	Jun 08, 2017	0.40	0.60	0.40	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	Jun 08, 2017	0.44	0.66	0.44	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 06, 2017	1.74	1.74	1.74	100.0%
18840914	623	1494	BURNETT	13127750	5	Jun 07, 2017	0.40	0.45	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 07, 2017	0.40	0.45	0.40	100.0%
18841012	205	557	BECK	13130525	4	Jun 08, 2017	1.76	2.62	1.76	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 08, 2017	1.25	1.86	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jun 08, 2017	0.31	0.46	0.31	100.0%
18841012	459	342	MOORE	13132050	4	Jun 08, 2017	0.58	0.86	0.58	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 07, 2017	0.74	0.83	0.74	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 07, 2017	2.77	3.11	2.77	100.0%

18841012	317	1485	SWAUGER	13127600	5	Jun 07, 2017	0.81	0.91	0.81	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 07, 2017	3.30	3.71	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 07, 2017	2.78	3.12	2.78	100.0%
18841012	347	1141	SWAUGER	13127600	5	Jun 07, 2017	0.22	0.24	0.22	100.0%
18841012	190	418	SWAUGER	13127600	5	Jun 07, 2017	0.11	0.12	0.11	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 07, 2017	0.80	0.90	0.80	100.0%
18841012	440	1256	DARLINGTON	13127735	5	Jun 07, 2017	0.75	0.84	0.75	100.0%
18841012	347	1141	SHARP	13126500	6	Jun 06, 2017	0.84	0.84	0.84	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 07, 2017	0.79	0.89	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 07, 2017	1.65	1.85	1.65	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jun 07, 2017	0.61	0.68	0.61	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 07, 2017	1.10	1.24	1.10	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 07, 2017	2.00	2.25	2.00	100.0%
18850501	672	1629	Lower Eastside &	13132291	2	Jun 08, 2017	1.80	2.68	1.80	100.0%
18850501	672	1630	Lower Eastside &	13132291	2	Jun 08, 2017	0.20	0.30	0.20	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	Jun 08, 2017	1.50	2.23	1.50	100.0%
18850501	468	59	ARCO	13132365	2	Jun 08, 2017	0.74	1.51	0.74	100.0%
18850501	426	887	ARCO	13132365	2	Jun 08, 2017	0.42	0.85	0.42	100.0%
18850501	423	87	Lower Eastside &	13132291	2	Jun 08, 2017	0.20	0.30	0.20	100.0%
18850501	675	1623	ARCO	13132365	2	Jun 08, 2017	0.22	0.45	0.22	100.0%
18850501	423	186	Lower Eastside &	13132291	2	Jun 08, 2017	0.26	0.39	0.26	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 05, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 05, 2017	2.80	2.80	2.80	100.0%
18850512	251	22	Upper Eastside &	13132101	2	Jun 08, 2017	0.74	1.10	0.74	100.0%
18850512	192	1399	Upper Eastside &	13132101	2	Jun 08, 2017	0.20	0.30	0.20	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	Jun 08, 2017	0.20	0.30	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 08, 2017	1.48	2.20	1.48	100.0%
18850530	282	1190	SUTTER	13128105	5	Jun 07, 2017	0.20	0.22	0.20	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 08, 2017	1.10	1.64	1.10	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 07, 2017	3.20	3.59	3.20	100.0%
18850601	205	554	BECK	13130525	4	Jun 08, 2017	0.59	0.88	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Jun 08, 2017	0.50	0.74	0.50	100.0%
18850601	212	315	DARLINGTON	13127735	5	Jun 07, 2017	0.94	1.06	0.94	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 07, 2017	2.60	2.92	2.60	100.0%
18850601	20	949	DARLINGTON	13127735	5	Jun 07, 2017	0.40	0.45	0.40	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 07, 2017	1.54	1.73	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	Jun 06, 2017	0.76	0.76	0.76	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 06, 2017	1.16	1.16	1.16	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 05, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 07, 2017	2.96	3.32	2.96	100.0%
18851002	437	62	ARCO	13132365	2	Jun 08, 2017	1.54	3.13	1.54	100.0%
18851002	370	1592	ARCO	13132365	2	Jun 08, 2017	1.16	2.36	1.16	100.0%
18851002	93	726	ARCO	13132365	2	Jun 08, 2017	0.50	1.02	0.50	100.0%
18851002	468	61	ARCO	13132365	2	Jun 08, 2017	3.60	7.33	3.60	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 06, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	Jun 08, 2017	4.20	6.26	4.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 08, 2017	0.86	1.29	0.86	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 08, 2017	2.80	4.17	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 08, 2017	1.20	1.79	1.20	100.0%
18860512	634	1543	Upper Eastside &	13132101	2	Jun 08, 2017	0.41	0.61	0.41	100.0%
18860512	96	459	MOORE	13132050	4	Jun 08, 2017	0.48	0.71	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 08, 2017	0.18	0.27	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Jun 08, 2017	0.18	0.27	0.18	100.0%
18860601	482	867	Upper Eastside &	13132101	2	Jun 08, 2017	1.24	1.85	1.24	100.0%
18860601	69	881	Upper Eastside &	13132101	2	Jun 08, 2017	1.42	2.11	1.42	100.0%
18860601	339	1010	MOORE	13132050	4	Jun 08, 2017	0.68	1.01	0.68	100.0%
18860601	16	1009	MOORE	13132050	4	Jun 08, 2017	2.52	3.75	2.52	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 07, 2017	1.60	1.80	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 06, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 06, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	Jun 08, 2017	0.84	1.25	0.84	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 07, 2017	0.80	0.90	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	Jun 07, 2017	3.00	3.37	3.00	100.0%
18860901	256	758	MUNSEY	13132375	2	Jun 08, 2017	2.20	4.48	2.20	100.0%

18860901	256	931	MUNSEY	13132375	2	Jun 08, 2017	0.16	0.33	0.16	100.0%
18860901	256	759	MUNSEY	13132375	2	Jun 08, 2017	0.34	0.69	0.34	100.0%
18860901	165	1248	BURNETT	13127750	5	Jun 07, 2017	1.60	1.80	1.60	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 06, 2017	3.20	3.20	3.20	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	Jun 08, 2017	0.80	1.19	0.80	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 08, 2017	3.20	4.77	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jun 08, 2017	0.94	1.40	0.94	100.0%
18870313	70	337	MOORE	13132050	4	Jun 08, 2017	0.23	0.34	0.23	100.0%
18870313	459	338	MOORE	13132050	4	Jun 08, 2017	0.42	0.63	0.42	100.0%
18870313	433	683	MOORE	13132050	4	Jun 08, 2017	0.70	1.04	0.70	100.0%
18870313	73	202	BURNETT	13127750	5	Jun 07, 2017	0.65	0.73	0.65	100.0%
18870313	73	201	BURNETT	13127750	5	Jun 07, 2017	1.05	1.18	1.05	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 05, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 06, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 08, 2017	2.30	4.68	2.30	100.0%
18870601	423	1028	Lower Eastside &	13132291	2	Jun 08, 2017	1.24	1.85	1.24	100.0%
18870601	423	76	Lower Eastside &	13132291	2	Jun 08, 2017	0.22	0.33	0.22	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 08, 2017	1.00	1.49	1.00	100.0%
18870601	252	353	DARLINGTON	13127735	5	Jun 07, 2017	0.43	0.48	0.43	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 07, 2017	0.30	0.34	0.30	100.0%
18870601	73	196	BURNETT	13127750	5	Jun 07, 2017	0.69	0.77	0.69	100.0%
18870601	73	195	BURNETT	13127750	5	Jun 07, 2017	1.11	1.25	1.11	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 06, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 06, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 05, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 05, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	Jun 08, 2017	0.80	1.19	0.80	100.0%
18870630	165	980	BURNETT	13127750	5	Jun 07, 2017	0.80	0.90	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 07, 2017	0.80	0.90	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Jun 07, 2017	0.80	0.90	0.80	100.0%
18870801	73	189	BURNETT	13127750	5	Jun 07, 2017	0.62	0.70	0.62	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 07, 2017	0.27	0.30	0.27	100.0%
18870801	623	1508	BURNETT	13127750	5	Jun 07, 2017	0.53	0.60	0.53	100.0%
18870801	73	190	BURNETT	13127750	5	Jun 07, 2017	0.38	0.43	0.38	100.0%
18870831	623	1507	BURNETT	13127750	5	Jun 07, 2017	1.20	1.35	1.20	100.0%
18870831	119	1154	BURNETT	13127750	5	Jun 07, 2017	1.20	1.35	1.20	100.0%
18880601	427	669	ARCO	13132365	2	Jun 08, 2017	0.81	1.64	0.81	100.0%
18880601	437	670	ARCO	13132365	2	Jun 08, 2017	0.33	0.67	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	Jun 07, 2017	0.98	1.10	0.98	100.0%
18880601	347	1138	SWAUGER	13127600	5	Jun 07, 2017	0.33	0.37	0.33	100.0%
18880601	347	1138	SHARP	13126500	6	Jun 06, 2017	1.27	1.27	1.27	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	Jun 06, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 05, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 05, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 04, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	Jun 08, 2017	0.90	1.34	0.90	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 08, 2017	0.40	0.81	0.40	100.0%
18890601	463	1396	MOORE	13132050	4	Jun 08, 2017	0.20	0.30	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	Jun 08, 2017	0.35	0.52	0.35	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 08, 2017	0.50	0.74	0.50	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 07, 2017	2.70	3.03	2.70	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 07, 2017	1.26	1.41	1.26	100.0%
18890601	623	1503	BURNETT	13127750	5	Jun 07, 2017	0.80	0.90	0.80	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 07, 2017	1.20	1.35	1.20	100.0%
18890601	119	996	BURNETT	13127750	5	Jun 07, 2017	0.40	0.45	0.40	100.0%
18900601	372	886	ARCO	13132365	2	Jun 08, 2017	0.59	1.20	0.59	100.0%
18900601	416	591	3IN1	13130605	4	Jun 08, 2017	0.75	1.12	0.75	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 06, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 06, 2017	3.20	3.20	3.20	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 05, 2017	1.76	1.76	1.76	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 05, 2017	0.24	0.24	0.24	100.0%
18910630	205	555	BECK	13130525	4	Jun 08, 2017	0.99	1.47	0.99	100.0%
18910630	2332	1254	MOORE	13132050	4	Jun 08, 2017	0.48	0.71	0.48	100.0%
18910630	2332	1255	MOORE	13132050	4	Jun 08, 2017	0.28	0.42	0.28	100.0%

18910630	44	1253	MOORE	13132050	4	Jun 08, 2017	0.70	1.04	0.70	100.0%
18910630	44	1003	MOORE	13132050	4	Jun 08, 2017	0.76	1.13	0.76	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 05, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 06, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 06, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jun 08, 2017	0.22	0.33	0.22	100.0%
18930323	77	366	MOORE	13132050	4	Jun 08, 2017	1.60	2.38	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 08, 2017	1.50	2.23	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 06, 2017	0.74	0.74	0.74	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 07, 2017	0.44	0.49	0.44	100.0%
18940310	265	1223	BURNETT	13127750	5	Jun 07, 2017	2.80	3.14	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 07, 2017	0.70	0.79	0.70	100.0%
18940310	386	268	SUTTER	13128105	5	Jun 07, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 05, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 06, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jun 08, 2017	0.80	1.19	0.80	100.0%
18940531	5	776	MOORE	13132050	4	Jun 08, 2017	0.20	0.30	0.20	100.0%
18940531	77	800	MOORE	13132050	4	Jun 08, 2017	0.74	1.10	0.74	100.0%
18940601	482	1301	Upper Eastside &	13132101	2	Jun 08, 2017	0.36	0.54	0.36	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	Jun 08, 2017	3.20	4.77	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jun 08, 2017	0.15	0.22	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jun 07, 2017	0.11	0.12	0.11	100.0%
18940601	390	408	SHARP	13126500	6	Jun 06, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 05, 2017	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	Jun 07, 2017	0.30	0.34	0.30	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jun 07, 2017	0.38	0.43	0.38	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	Jun 07, 2017	1.10	1.24	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 05, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	Jun 08, 2017	0.80	1.19	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jun 08, 2017	0.10	0.15	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	Jun 07, 2017	1.14	1.28	1.14	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 05, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 05, 2017	0.02	0.02	0.02	100.0%
18950610	416	592	3IN1	13130605	4	Jun 08, 2017	2.25	3.35	2.25	100.0%
18950630	265	1224	BURNETT	13127750	5	Jun 07, 2017	2.62	2.94	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 06, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	Jun 08, 2017	1.47	2.19	1.47	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	Jun 08, 2017	0.04	0.05	0.04	100.0%
18960601	45	998	Lower Eastside &	13132291	2	Jun 08, 2017	0.10	0.15	0.10	100.0%
18960601	144	741	Lower Eastside &	13132291	2	Jun 08, 2017	0.70	1.04	0.70	100.0%
18960601	192	1405	Upper Eastside &	13132101	2	Jun 08, 2017	0.04	0.05	0.04	100.0%
18960601	180	278	Upper Eastside &	13132101	2	Jun 08, 2017	0.41	0.61	0.41	100.0%
18960601	339	1118	MOORE	13132050	4	Jun 08, 2017	1.57	2.34	1.57	100.0%
18960601	15	1106	MOORE	13132050	4	Jun 08, 2017	1.17	1.74	1.17	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 08, 2017	2.40	3.57	2.40	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 08, 2017	0.40	0.60	0.40	100.0%
18960601	96	461	MOORE	13132050	4	Jun 08, 2017	0.09	0.13	0.09	100.0%
18960601	417	381	MOORE	13132050	4	Jun 08, 2017	2.40	3.57	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Jun 08, 2017	1.20	1.79	1.20	100.0%
18960601	96	457	MOORE	13132050	4	Jun 08, 2017	0.92	1.37	0.92	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 08, 2017	0.14	0.21	0.14	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 08, 2017	0.23	0.34	0.23	100.0%
18960601	463	128	MOORE	13132050	4	Jun 08, 2017	1.60	2.38	1.60	100.0%
18960601	263	399	MOORE	13132050	4	Jun 08, 2017	0.27	0.40	0.27	100.0%
18960601	459	993	MOORE	13132050	4	Jun 08, 2017	0.40	0.60	0.40	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 08, 2017	0.32	0.48	0.32	100.0%
18960601	263	397	MOORE	13132050	4	Jun 08, 2017	0.35	0.52	0.35	100.0%
18960601	252	359	DARLINGTON	13127735	5	Jun 07, 2017	0.89	1.00	0.89	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jun 07, 2017	1.15	1.29	1.15	100.0%
18960601	56	118	MACKAY DAM	13126000	7	Jun 06, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 08, 2017	2.00	4.07	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	Jun 07, 2017	1.32	1.48	1.14	86.4%
18960801	280	1186	SHARP	13126500	6	Jun 06, 2017	0.10	0.10	0.10	100.0%
18960901	437	671	ARCO	13132365	2	Jun 08, 2017	0.13	0.26	0.13	100.0%

18960901	427	672	ARCO	13132365	2	Jun 08, 2017	0.32	0.65	0.32	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 08, 2017	1.97	4.01	1.97	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 08, 2017	0.51	1.04	0.51	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 08, 2017	0.03	0.06	0.03	100.0%
18960928	392	840	MUNSEY	13132375	2	Jun 08, 2017	3.86	7.86	3.86	100.0%
18970510	437	664	ARCO	13132365	2	Jun 08, 2017	1.74	3.54	1.74	100.0%
18970510	427	6	ARCO	13132365	2	Jun 08, 2017	3.93	8.01	3.93	100.0%
18970510	73	191	BURNETT	13127750	5	Jun 07, 2017	0.92	1.03	0.92	100.0%
18970510	73	192	BURNETT	13127750	5	Jun 07, 2017	0.20	0.22	0.20	100.0%
18970515	604	43	Lower Eastside &	13132291	2	Jun 08, 2017	1.34	2.00	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 05, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 07, 2017	3.20	3.59	3.20	100.0%
18970615	180	280	Upper Eastside &	13132101	2	Jun 08, 2017	0.13	0.19	0.13	100.0%
18970615	144	744	Lower Eastside &	13132291	2	Jun 08, 2017	0.24	0.36	0.24	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 06, 2017	2.40	2.40	2.40	100.0%
18980601	192	1406	Upper Eastside &	13132101	2	Jun 08, 2017	0.09	0.14	0.09	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	Jun 08, 2017	0.65	0.97	0.65	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 08, 2017	0.50	1.02	0.50	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 05, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 05, 2017	2.01	2.01	2.01	100.0%
18980901	344	597	ARCO	13132365	2	Jun 08, 2017	0.04	0.08	0.04	100.0%
18980901	268	562	ARCO	13132365	2	Jun 08, 2017	1.57	3.20	1.57	100.0%
18980901	122	821	ARCO	13132365	2	Jun 08, 2017	0.10	0.20	0.10	100.0%
18980901	344	820	ARCO	13132365	2	Jun 08, 2017	0.06	0.12	0.06	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 06, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 06, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	Jun 08, 2017	0.92	1.37	0.92	100.0%
18990327	604	437	Lower Eastside &	13132291	2	Jun 08, 2017	0.13	0.19	0.13	100.0%
18990327	604	41	Lower Eastside &	13132291	2	Jun 08, 2017	0.84	1.25	0.84	100.0%
18990327	180	468	Upper Eastside &	13132101	2	Jun 08, 2017	0.05	0.07	0.05	100.0%
18990327	459	1090	MOORE	13132050	4	Jun 08, 2017	0.60	0.89	0.60	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 08, 2017	0.01	0.01	0.01	100.0%
18990327	433	272	MOORE	13132050	4	Jun 08, 2017	0.48	0.71	0.48	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 08, 2017	2.80	5.70	2.80	100.0%
18990518	151	1044	BURNETT	13127750	5	Jun 07, 2017	0.15	0.17	0.15	100.0%
18990518	138	443	BURNETT	13127750	5	Jun 07, 2017	0.02	0.02	0.02	100.0%
18990601	201	705	SWAUGER	13127600	5	Jun 07, 2017	0.28	0.32	0.28	100.0%
18990601	490	981	BURNETT	13127750	5	Jun 07, 2017	0.80	0.90	0.80	100.0%
18990601	165	982	BURNETT	13127750	5	Jun 07, 2017	0.68	0.76	0.68	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 05, 2017	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 05, 2017	0.60	0.60	0.60	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jun 08, 2017	0.80	1.63	0.80	100.0%
19000323	77	44	MOORE	13132050	4	Jun 08, 2017	0.30	0.45	0.30	100.0%
19000601	386	270	SUTTER	13128105	5	Jun 07, 2017	0.08	0.09	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 05, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 06, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 06, 2017	3.20	3.20	3.20	100.0%
19010901	433	685	MOORE	13132050	4	Jun 08, 2017	0.50	0.74	0.50	100.0%
19010901	459	340	MOORE	13132050	4	Jun 08, 2017	0.23	0.34	0.23	100.0%
19010901	70	339	MOORE	13132050	4	Jun 08, 2017	0.10	0.15	0.10	100.0%
19010901	138	439	BURNETT	13127750	5	Jun 07, 2017	0.02	0.02	0.02	100.0%
19011001	263	396	MOORE	13132050	4	Jun 08, 2017	0.14	0.21	0.14	100.0%
19020103	548	1436	BRADSHAW	13120705	9	Jun 05, 2017	2.60	2.60	2.60	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	Jun 08, 2017	0.20	0.30	0.20	100.0%
19020301	15	81	MOORE	13132050	4	Jun 08, 2017	0.20	0.30	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 08, 2017	0.31	0.45	0.31	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	Jun 06, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 05, 2017	0.90	0.90	0.90	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 05, 2017	3.40	3.40	3.40	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 05, 2017	1.60	1.60	1.60	100.0%
19020301	307	834	CHILLY	13121105	9	Jun 05, 2017	2.40	2.40	2.40	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 05, 2017	3.85	3.85	3.85	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 05, 2017	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 05, 2017	3.20	3.20	3.20	100.0%

19020301	310	836	CHILLY	13121105	9	Jun 05, 2017	0.80	0.80	0.80	100.0%
19020304	129	1062	CHILLY	13121105	9	Jun 05, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 05, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 05, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 08, 2017	1.38	2.06	1.38	100.0%
19020501	310	631	CHILLY	13121105	9	Jun 05, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 04, 2017	0.62	0.62	0.62	100.0%
19020601	339	1015	MOORE	13132050	4	Jun 08, 2017	0.66	0.98	0.66	100.0%
19020601	16	1014	MOORE	13132050	4	Jun 08, 2017	0.92	1.37	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 06, 2017	3.70	3.70	3.70	100.0%
19020601	154	838	Freeman Ditch	13124165	8	Jun 06, 2017	1.50	1.50	1.50	100.0%
19020701	548	1435	BRADSHAW	13120705	9	Jun 05, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 05, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 06, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 06, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	Jun 08, 2017	1.46	2.17	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	Jun 07, 2017	0.08	0.09	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	Jun 07, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	Jun 05, 2017	1.40	1.40	1.40	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 06, 2017	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 06, 2017	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 06, 2017	0.13	0.13	0.13	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 05, 2017	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 05, 2017	0.02	0.02	0.02	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 05, 2017	3.00	3.00	3.00	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 05, 2017	0.82	0.82	0.82	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 05, 2017	0.30	0.30	0.30	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 05, 2017	0.40	0.40	0.40	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 05, 2017	0.65	0.65	0.65	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 05, 2017	0.50	0.50	0.50	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 05, 2017	1.30	1.30	1.30	100.0%
19050501	310	115	CHILLY	13121105	9	Jun 05, 2017	1.90	1.90	1.90	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 05, 2017	0.40	0.40	0.40	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 05, 2017	1.10	1.10	1.10	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 05, 2017	0.58	0.58	0.58	100.0%
19050501	129	1063	CHILLY	13121105	9	Jun 05, 2017	0.80	0.80	0.80	100.0%
19050501	483	1501	LONGHURST	13121505	9	Jun 05, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 04, 2017	2.58	2.58	2.58	100.0%
19060501	185	392	Upper Eastside &	13132101	2	Jun 08, 2017	0.19	0.28	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	Jun 05, 2017	0.50	0.50	0.50	100.0%
19060630	483	1513	LONGHURST	13121505	9	Jun 05, 2017	1.08	1.08	1.08	100.0%
19070501	575	322	NEILSEN	13120805	9	Jun 05, 2017	1.48	1.48	1.48	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 05, 2017	1.52	1.52	1.52	100.0%
19070508	483	1276	LONGHURST	13121505	9	Jun 05, 2017	1.30	1.30	1.30	100.0%
19080401	314	73	NEILSEN	13120805	9	Jun 05, 2017	2.04	2.04	2.04	100.0%
19080401	483	848	LONGHURST	13121505	9	Jun 05, 2017	2.10	2.10	2.10	100.0%
19080715	364	692	CHILLY	13121105	9	Jun 05, 2017	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 08, 2017	0.33	0.49	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	Jun 06, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 06, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 05, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	Jun 05, 2017	0.80	0.80	0.80	100.0%
19120227	364	954	CHILLY	13121105	9	Jun 05, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 06, 2017	1.20	1.20	1.20	100.0%
19120401	483	13	LONGHURST	13121505	9	Jun 05, 2017	1.71	1.71	1.71	100.0%
19120501	310	632	CHILLY	13121105	9	Jun 05, 2017	0.80	0.80	0.80	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 05, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	Jun 05, 2017	0.03	0.03	0.03	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 05, 2017	2.40	2.40	2.40	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 05, 2017	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 05, 2017	1.70	1.70	1.70	100.0%
19131206	575	1379	NEILSEN	13120805	9	Jun 05, 2017	1.72	1.72	1.72	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 05, 2017	1.60	1.60	1.60	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 05, 2017	0.02	0.02	0.02	100.0%

19140601	445	412	NEILSEN	13120805	9	Jun 05, 2017	0.18	0.18	0.18	100.0%
19150504	310	636	CHILLY	13121105	9	Jun 05, 2017	0.42	0.42	0.42	100.0%
19150504	373	434	CHILLY	13121105	9	Jun 05, 2017	0.59	0.59	0.59	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 05, 2017	1.58	1.58	1.58	100.0%
19160501	373	26	CHILLY	13121105	9	Jun 05, 2017	0.41	0.41	0.41	100.0%
19160501	129	633	CHILLY	13121105	9	Jun 05, 2017	0.80	0.80	0.80	100.0%
19160501	310	634	CHILLY	13121105	9	Jun 05, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 06, 2017	1.36	1.36	1.36	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 05, 2017	0.80	0.80	0.80	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 06, 2017	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	Jun 08, 2017	0.79	1.61	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jun 08, 2017	0.01	0.02	0.01	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 06, 2017	1.80	1.80	1.20	66.7%
19240806	417	695	MOORE	13132050	4	Jun 08, 2017	0.50	0.74	0.50	100.0%
19600824	185	390	Upper Eastside &	13132101	2	Jun 08, 2017	0.11	0.16	0.11	100.0%
19740402	150	220	MUNSEY	13132375	2	Jun 08, 2017	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 08, 2017	4.38	8.92	4.38	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 08, 2017	16.00	32.57	16.00	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 08, 2017	33.30	49.60	33.30	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 08, 2017	15.20	22.64	15.20	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 07, 2017	25.66	28.81	25.66	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 05, 2017	11.00	11.00	11.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	Jun 06, 2017	10000.00	10000.00	2536.54	25.4%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 5	3890.0	4.8		3894.8	0.00	3894.8	4.8	0.0		3890.0	0.0	
9	Howell to Chilly	Jun 6	6.1	160.3		-3723.6	0.96	171.2	139.7	20.6		26.7	-20.6	
8	Chilly to Reservoir	* Jun 7	2849.7	82.5		2926.1	0.00	3097.3	72.9	9.6		2879.9	-30.2	
	Disconnected													
7	Mackay Reservoir	* Jun 7	1974.0	0.0		2849.7	0.00	2849.7	2347.2			502.5		
6	Reservoir to 2B	Jun 7	1960.0	14.0		0.0	0.00	2840.2	9.5	4.5		493.0	1467.0	
5	2B to Leslie	Jun 8	1630.0	215.0		-115.0	0.06	2687.1	124.2	90.8		339.9	1290.1	
4	Leslie to Eastside In	Jun 9	1021.3	175.4		-433.3	0.27	2459.4	137.4	38.0		112.2	909.1	
2a	Eastside In To Weirs	* Jun 9	874.8	19.5	0.0	-127.0	0.12	2428.8	16.6	2.9		81.6	793.2	0.0
2b	Weirs To Eastside Out	* Jun 9	728.3	15.4	0.0	-131.1	0.15	2404.3	12.3	3.1		57.1	671.2	0.0
2c	Eastside Out To Blw Muns	* Jun 9	621.7	106.6	0.0	0.0	0.00	2347.2	57.1	49.5	0.0	0.0	621.7	0.0
1	Blw Munsey to Arco	Jun 9	524.0	0.0		-97.7	0.16	2339.8	0.0	0.0		0.0	621.7	
3	River blw Moore Div	Jun 9	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	2921.6	219.0	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	Jun 5	0.0		20090101	23%	1	18800630	3.2	556.5	241.2	
9	Howell to Chilly	Jun 6	-3723.6		20090101	23%	2	18810630	1.7	294.0	128.1	
8	Chilly to Reservoir	Jun 7	0.0		20090101	23%	3	18880601	3.2	556.5	241.2	
	Disconnected						4	18960601	6.4	1113.0	482.4	
7	Mackay Reservoir	Jun 7	0.0		20090101	23%	5	19020301	0.8	140.0	60.3	
6	Reservoir to 2B	Jun 7	0.0	0.0	20090101	23%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	Jun 8	-28.9	-86.1	20090101	23%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	Jun 9	-90.4	-342.9	20090101	23%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	Jun 9	-13.9	-113.1	0.0	20090101	23%	9	Add Vol	Unlimited	200000.0	125186.6
2b	Weirs To Eastside Out	Jun 9	-12.2	-118.9	0.0	20090101	23%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	Jun 9	0.0	0.0	0.0	20090101	23%		TOTAL		296511.0	170190.8
1	Blw Munsey to Arco	Jun 9	0.0	-621.7	0.0	20090101	23%					
3	River blw Moore Div	Jun 9	0.0	0.0		20090101	23%					
	TOTAL		-3869.1	-1281.2	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
38500.0	40210.0		1710.0	862.1	13.6	357.0	190.3	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	101490.8
Total Storage Loss	-64136.2
Total Storage Deliver	-13049.8
Total Evaporation	-575.0
Accounting Balance	40209.8
Current Res Content	40210.0
Storage Balance Error	-0.2

DAILY STORAGE BALANCE

38500.0 Reservoir Content Previous Day [ac-ft]
40210.0 Reservoir Content Current Day [ac-ft]
1710.0 Physical Change in Storage [ac-ft]

4655.7 Storage Allocated to Mackay Reservoir [ac-ft]
-2541.3 Stored Flow Losses [ac-ft]
-86.1 2B to Leslie [cfs]
-342.9 Leslie to Moore [cfs]
-852.2 Eastside [cfs]
0.0 River blw Moore [cfs]
-377.5 Storage Delivered [ac-ft]
4.5 Reservoir to 2B [cfs]
90.8 2B to Leslie [cfs]
38.0 Leslie to Moore [cfs]
57.0 Eastside to blw Munsey [cfs]
-27.0 Evaporation [ac-ft]
1709.9 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

2849.7 Natural Flow into Mackay Reservoir [cfs]

2347.2 Reservoir Rights Diverted [cfs]
138.9 Natural Flow Losses below Reservoir [cfs]
-28.9 2B to Leslie [cfs]
-90.4 Leslie to Moore [cfs]
-19.6 Eastside as River [cfs]
363.7 Natural Flow Delivered [cfs]
9.5 Reservoir to 2B [cfs]
124.2 2B to Leslie [cfs]
137.4 Leslie to Moore [cfs]
92.6 Eastside to blw Munsey [cfs]
2849.8 Natural Flow Delivered & Lost [cfs]

-0.1 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	1021.3			19.5	-2.8	437.4	437.4	-127.0	12.4%	874.8
Natural Flow	112.2			16.6	-2.4			-13.9		81.6
Stored Flow	909.1			2.9	-0.4			-113.1		793.2
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	437.4	437.4		15.4	-5.3	728.3	-131.1	15.0%	-250.0
Natural Flow				12.3	-4.2	57.1	-12.2		-19.6
Stored Flow				3.1	-1.1	671.2	-118.9		-230.5
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow		Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey	
Gage #	13132350		13132390	
Actual Flow	728.3	106.6	621.7	
Natural Flow	57.1	57.1	0.0	
Stored Flow	671.2	49.5	621.7	
Exchange Flow	0.0	0.0	0.0	

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060			13132350
Actual Flow	43.0	978.3	18.1	856.7	728.3
Natural Flow	35.5	76.7	14.5	67.1	57.1
Stored Flow	7.5	901.7	3.6	789.6	671.2
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	14.0	4.5	223.0
9 KENT	5.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	36.0	17.4	686.4
9 BITTON	0.0	5.0	125.0	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.0	6.0	332.2	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	26.0	0.0	11.7
9 Thalman Hunter D	4.6	4.6	282.1	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	117.0	42.6	1984.0
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	30.0	28.2	1872.3
9 NEILSEN	42.7	0.6	278.2	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	5.0	1.0	17.9	5 SUTTER	6.0	2.6	153.2
9 CHILLY	70.0	4.4	242.8	8 Broken River Dit	1.5	1.5	34.7	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	20.0	13.3	770.2
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	2.4	2.4	23.8
9 LONGHURST	25.0	0.0	269.0	8 Freeman/Hill Pum	2.0	2.0	4.0	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	0.9	0.0	0.0	8 Johnson/Navarro	4.0	0.8	11.3	4 3IN1	43.0	4.8	392.2
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	110.0	17.4	3776.2
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	154.8	2 EASTSIDE FHDiv	43.0	7.5	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	2.0	0.5	3.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	56.1	671.2	34376.1
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.5	0.3	3.6	2 MUNSEY	50.5	671.2	34376.1
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	1.2	1.2	14.3	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	1.2	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.4	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	1.4	56.5	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 06, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 06, 2017	4.36	4.36	4.36	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 07, 2017	0.59	0.59	0.59	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 07, 2017	0.01	0.01	0.01	100.0%
18800601	93	723	ARCO	13132365	2	Jun 09, 2017	0.04	0.08	0.04	100.0%
18800601	370	530	ARCO	13132365	2	Jun 09, 2017	0.15	0.29	0.15	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	Jun 07, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	Jun 07, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 07, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 07, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 07, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 06, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 07, 2017	3.00	3.00	3.00	100.0%
18830601	224	854	MOORE	13132050	4	Jun 09, 2017	2.76	3.99	2.76	100.0%
18830601	645	464	MOORE	13132050	4	Jun 09, 2017	0.11	0.16	0.11	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 09, 2017	0.79	1.14	0.79	100.0%
18830601	22	1083	MOORE	13132050	4	Jun 09, 2017	0.06	0.09	0.06	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 09, 2017	1.16	1.68	1.16	100.0%
18830630	223	1192	Upper Eastside &	13132101	2	Jun 09, 2017	1.66	2.40	1.66	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	Jun 09, 2017	0.43	0.62	0.43	100.0%
18830810	192	1109	Upper Eastside &	13132101	2	Jun 09, 2017	0.21	0.31	0.21	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	Jun 09, 2017	0.21	0.31	0.21	100.0%
18830810	263	393	MOORE	13132050	4	Jun 09, 2017	0.18	0.26	0.18	100.0%
18830810	96	449	MOORE	13132050	4	Jun 09, 2017	0.48	0.69	0.48	100.0%
18830810	2332	1088	MOORE	13132050	4	Jun 09, 2017	1.50	2.17	1.50	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 09, 2017	0.18	0.26	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	Jun 08, 2017	0.68	0.72	0.68	100.0%
18840422	236	30	BECK	13130525	4	Jun 09, 2017	1.64	2.37	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 09, 2017	0.14	0.20	0.14	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 08, 2017	0.07	0.07	0.07	100.0%
18840422	201	83	SWAUGER	13127600	5	Jun 08, 2017	1.12	1.19	1.12	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 08, 2017	0.18	0.19	0.18	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 08, 2017	0.82	0.87	0.82	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 08, 2017	0.96	1.02	0.96	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 08, 2017	0.55	0.58	0.55	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 08, 2017	1.44	1.53	1.44	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 08, 2017	2.17	2.31	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 08, 2017	0.20	0.21	0.20	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 08, 2017	1.63	1.73	1.63	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 08, 2017	2.00	2.12	2.00	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 08, 2017	0.50	0.53	0.50	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 08, 2017	1.92	2.04	1.92	100.0%
18840422	24	120	SHARP	13126500	6	Jun 07, 2017	0.08	0.08	0.08	100.0%
18840422	347	938	SHARP	13126500	6	Jun 07, 2017	3.18	3.18	3.18	100.0%
18840422	397	10	SHARP	13126500	6	Jun 07, 2017	0.12	0.12	0.12	100.0%
18840422	544	1067	SHARP	13126500	6	Jun 07, 2017	1.00	1.00	1.00	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 07, 2017	0.64	0.64	0.64	100.0%
18840422	632	1539	SHARP	13126500	6	Jun 07, 2017	0.12	0.12	0.12	100.0%
18840422	2525	407	SHARP	13126500	6	Jun 07, 2017	0.08	0.08	0.08	100.0%
18840422	390	406	SHARP	13126500	6	Jun 07, 2017	0.09	0.09	0.09	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 08, 2017	0.80	0.85	0.80	100.0%
18840430	623	1519	BURNETT	13127750	5	Jun 08, 2017	0.40	0.42	0.40	100.0%
18840430	73	194	BURNETT	13127750	5	Jun 08, 2017	0.77	0.82	0.77	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 08, 2017	0.06	0.06	0.06	100.0%
18840430	73	193	BURNETT	13127750	5	Jun 08, 2017	1.23	1.31	1.23	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 08, 2017	0.40	0.42	0.40	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 07, 2017	0.22	0.22	0.22	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 07, 2017	1.80	1.80	1.80	100.0%
18840520	187	16	Lower Eastside &	13132291	2	Jun 09, 2017	0.16	0.23	0.16	100.0%

18840520	180	470	Upper Eastside &	13132101	2	Jun 09, 2017	0.16	0.23	0.16	100.0%
18840520	604	436	Lower Eastside &	13132291	2	Jun 09, 2017	1.15	1.66	1.15	100.0%
18840520	251	796	Upper Eastside &	13132101	2	Jun 09, 2017	0.80	1.16	0.80	100.0%
18840520	66	266	MOORE	13132050	4	Jun 09, 2017	0.02	0.03	0.02	100.0%
18840520	219	547	MOORE	13132050	4	Jun 09, 2017	1.10	1.59	1.10	100.0%
18840520	645	462	MOORE	13132050	4	Jun 09, 2017	0.27	0.39	0.27	100.0%
18840520	340	816	MOORE	13132050	4	Jun 09, 2017	0.28	0.41	0.28	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 09, 2017	0.01	0.01	0.01	100.0%
18840520	2332	752	MOORE	13132050	4	Jun 09, 2017	0.36	0.52	0.36	100.0%
18840520	2332	753	MOORE	13132050	4	Jun 09, 2017	0.42	0.61	0.42	100.0%
18840520	459	797	MOORE	13132050	4	Jun 09, 2017	1.20	1.74	1.20	100.0%
18840520	433	271	MOORE	13132050	4	Jun 09, 2017	0.54	0.78	0.54	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 09, 2017	0.96	1.39	0.96	100.0%
18840520	2335	265	MOORE	13132050	4	Jun 09, 2017	0.82	1.19	0.82	100.0%
18840520	427	1	MOORE	13132050	4	Jun 09, 2017	0.80	1.16	0.80	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 09, 2017	2.24	3.24	2.24	100.0%
18840520	96	451	MOORE	13132050	4	Jun 09, 2017	0.58	0.84	0.58	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 09, 2017	0.22	0.32	0.22	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 09, 2017	1.33	1.92	1.33	100.0%
18840520	263	394	MOORE	13132050	4	Jun 09, 2017	0.22	0.32	0.22	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 08, 2017	0.72	0.76	0.72	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 09, 2017	1.28	1.85	1.28	100.0%
18840601	15	131	MOORE	13132050	4	Jun 09, 2017	0.37	0.53	0.37	100.0%
18840601	263	395	MOORE	13132050	4	Jun 09, 2017	0.08	0.12	0.08	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 09, 2017	0.09	0.13	0.09	100.0%
18840601	96	453	MOORE	13132050	4	Jun 09, 2017	0.21	0.30	0.21	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 09, 2017	0.08	0.12	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 09, 2017	0.54	0.78	0.54	100.0%
18840601	151	1042	BURNETT	13127750	5	Jun 08, 2017	0.23	0.24	0.23	100.0%
18840601	73	199	BURNETT	13127750	5	Jun 08, 2017	0.37	0.39	0.37	100.0%
18840601	73	200	BURNETT	13127750	5	Jun 08, 2017	0.23	0.24	0.23	100.0%
18840601	623	1505	BURNETT	13127750	5	Jun 08, 2017	0.40	0.42	0.40	100.0%
18840601	623	1504	BURNETT	13127750	5	Jun 08, 2017	0.27	0.28	0.27	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 08, 2017	0.80	0.85	0.80	100.0%
18840601	623	1493	BURNETT	13127750	5	Jun 08, 2017	0.20	0.21	0.20	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 08, 2017	0.73	0.78	0.73	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 08, 2017	0.80	0.85	0.80	100.0%
18840601	138	441	BURNETT	13127750	5	Jun 08, 2017	0.04	0.04	0.04	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 07, 2017	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 06, 2017	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 06, 2017	0.80	0.80	0.80	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 09, 2017	1.20	1.74	1.20	100.0%
18840715	115	323	MOORE	13132050	4	Jun 09, 2017	0.74	1.07	0.74	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 09, 2017	1.20	1.74	1.20	100.0%
18840715	15	799	MOORE	13132050	4	Jun 09, 2017	0.80	1.16	0.80	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 09, 2017	0.80	1.16	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jun 09, 2017	0.74	1.07	0.74	100.0%
18840731	44	1132	MOORE	13132050	4	Jun 09, 2017	0.80	1.16	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 09, 2017	0.80	1.16	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	Jun 09, 2017	0.20	0.29	0.20	100.0%
18840831	180	276	Upper Eastside &	13132101	2	Jun 09, 2017	1.31	1.90	1.31	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	Jun 09, 2017	0.44	0.64	0.44	100.0%
18840831	192	772	Upper Eastside &	13132101	2	Jun 09, 2017	0.40	0.58	0.40	100.0%
18840831	638	772	Upper Eastside &	13132101	2	Jun 09, 2017	0.40	0.58	0.40	100.0%
18840831	251	773	Upper Eastside &	13132101	2	Jun 09, 2017	0.50	0.72	0.50	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 07, 2017	1.74	1.74	1.74	100.0%
18840914	623	1494	BURNETT	13127750	5	Jun 08, 2017	0.40	0.42	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 08, 2017	0.40	0.42	0.40	100.0%
18841012	205	557	BECK	13130525	4	Jun 09, 2017	1.76	2.55	1.76	100.0%
18841012	70	341	MOORE	13132050	4	Jun 09, 2017	0.31	0.45	0.31	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 09, 2017	1.25	1.81	1.25	100.0%
18841012	459	342	MOORE	13132050	4	Jun 09, 2017	0.58	0.84	0.58	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 08, 2017	3.30	3.51	3.30	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 08, 2017	2.78	2.95	2.78	100.0%

18841012	317	1485	SWAUGER	13127600	5	Jun 08, 2017	0.81	0.86	0.81	100.0%
18841012	317	1460	SWAUGER	13127600	5	Jun 08, 2017	2.77	2.94	2.77	100.0%
18841012	347	1141	SWAUGER	13127600	5	Jun 08, 2017	0.22	0.23	0.22	100.0%
18841012	190	418	SWAUGER	13127600	5	Jun 08, 2017	0.11	0.12	0.11	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 08, 2017	0.80	0.85	0.80	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 08, 2017	0.74	0.79	0.74	100.0%
18841012	440	1256	DARLINGTON	13127735	5	Jun 08, 2017	0.75	0.80	0.75	100.0%
18841012	347	1141	SHARP	13126500	6	Jun 07, 2017	0.84	0.84	0.84	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 08, 2017	2.00	2.12	2.00	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jun 08, 2017	0.61	0.65	0.61	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 08, 2017	1.10	1.17	1.10	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 08, 2017	0.79	0.84	0.79	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 08, 2017	1.65	1.75	1.65	100.0%
18850501	672	1630	Lower Eastside &	13132291	2	Jun 09, 2017	0.20	0.29	0.20	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	Jun 09, 2017	1.50	2.17	1.50	100.0%
18850501	672	1629	Lower Eastside &	13132291	2	Jun 09, 2017	1.80	2.60	1.80	100.0%
18850501	675	1623	ARCO	13132365	2	Jun 09, 2017	0.22	0.43	0.22	100.0%
18850501	423	87	Lower Eastside &	13132291	2	Jun 09, 2017	0.20	0.29	0.20	100.0%
18850501	423	186	Lower Eastside &	13132291	2	Jun 09, 2017	0.26	0.38	0.26	100.0%
18850501	426	887	ARCO	13132365	2	Jun 09, 2017	0.42	0.82	0.42	100.0%
18850501	468	59	ARCO	13132365	2	Jun 09, 2017	0.74	1.44	0.74	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 06, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 06, 2017	2.80	2.80	2.80	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	Jun 09, 2017	0.20	0.29	0.20	100.0%
18850512	192	1399	Upper Eastside &	13132101	2	Jun 09, 2017	0.20	0.29	0.20	100.0%
18850512	251	22	Upper Eastside &	13132101	2	Jun 09, 2017	0.74	1.07	0.74	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 09, 2017	1.48	2.14	1.48	100.0%
18850530	282	1190	SUTTER	13128105	5	Jun 08, 2017	0.20	0.21	0.20	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 09, 2017	1.10	1.59	1.10	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 08, 2017	3.20	3.40	3.20	100.0%
18850601	205	554	BECK	13130525	4	Jun 09, 2017	0.59	0.85	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Jun 09, 2017	0.50	0.72	0.50	100.0%
18850601	20	949	DARLINGTON	13127735	5	Jun 08, 2017	0.40	0.42	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 08, 2017	2.60	2.76	2.60	100.0%
18850601	212	315	DARLINGTON	13127735	5	Jun 08, 2017	0.94	1.00	0.94	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 08, 2017	1.54	1.64	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	Jun 07, 2017	0.76	0.76	0.76	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 07, 2017	1.16	1.16	1.16	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 06, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 08, 2017	2.96	3.14	2.96	100.0%
18851002	93	726	ARCO	13132365	2	Jun 09, 2017	0.50	0.97	0.50	100.0%
18851002	370	1592	ARCO	13132365	2	Jun 09, 2017	1.16	2.25	1.16	100.0%
18851002	468	61	ARCO	13132365	2	Jun 09, 2017	3.60	7.00	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jun 09, 2017	1.54	2.99	1.54	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 07, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	Jun 09, 2017	4.20	6.08	4.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 09, 2017	0.86	1.25	0.86	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 09, 2017	2.80	4.05	2.80	100.0%
18860501	417	644	MOORE	13132050	4	Jun 09, 2017	1.20	1.74	1.20	100.0%
18860512	634	1543	Upper Eastside &	13132101	2	Jun 09, 2017	0.41	0.59	0.41	100.0%
18860512	96	459	MOORE	13132050	4	Jun 09, 2017	0.48	0.69	0.48	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 09, 2017	0.18	0.26	0.18	100.0%
18860512	263	398	MOORE	13132050	4	Jun 09, 2017	0.18	0.26	0.18	100.0%
18860601	69	881	Upper Eastside &	13132101	2	Jun 09, 2017	1.42	2.05	1.42	100.0%
18860601	482	867	Upper Eastside &	13132101	2	Jun 09, 2017	1.24	1.79	1.24	100.0%
18860601	339	1010	MOORE	13132050	4	Jun 09, 2017	0.68	0.98	0.68	100.0%
18860601	16	1009	MOORE	13132050	4	Jun 09, 2017	2.52	3.65	2.52	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 08, 2017	1.60	1.70	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 07, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 07, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	Jun 09, 2017	0.84	1.22	0.84	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 08, 2017	0.80	0.85	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	Jun 08, 2017	3.00	3.19	3.00	100.0%
18860901	256	758	MUNSEY	13132375	2	Jun 09, 2017	2.20	4.28	2.20	100.0%

18860901	256	931	MUNSEY	13132375	2	Jun 09, 2017	0.16	0.31	0.16	100.0%
18860901	256	759	MUNSEY	13132375	2	Jun 09, 2017	0.34	0.66	0.34	100.0%
18860901	165	1248	BURNETT	13127750	5	Jun 08, 2017	1.60	1.70	1.60	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 07, 2017	3.20	3.20	3.20	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	Jun 09, 2017	0.80	1.16	0.80	100.0%
18870302	618	1510	MOORE	13132050	4	Jun 09, 2017	0.94	1.36	0.94	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 09, 2017	3.20	4.63	3.20	100.0%
18870313	459	338	MOORE	13132050	4	Jun 09, 2017	0.42	0.61	0.42	100.0%
18870313	70	337	MOORE	13132050	4	Jun 09, 2017	0.23	0.33	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jun 09, 2017	0.70	1.01	0.70	100.0%
18870313	73	201	BURNETT	13127750	5	Jun 08, 2017	1.05	1.12	1.05	100.0%
18870313	73	202	BURNETT	13127750	5	Jun 08, 2017	0.65	0.69	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 06, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 07, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 09, 2017	2.30	4.47	2.30	100.0%
18870601	423	1028	Lower Eastside &	13132291	2	Jun 09, 2017	1.24	1.79	1.24	100.0%
18870601	423	76	Lower Eastside &	13132291	2	Jun 09, 2017	0.22	0.32	0.22	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 09, 2017	1.00	1.45	1.00	100.0%
18870601	252	353	DARLINGTON	13127735	5	Jun 08, 2017	0.43	0.46	0.43	100.0%
18870601	73	196	BURNETT	13127750	5	Jun 08, 2017	0.69	0.73	0.69	100.0%
18870601	73	195	BURNETT	13127750	5	Jun 08, 2017	1.11	1.18	1.11	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 08, 2017	0.30	0.32	0.30	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 07, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 07, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 06, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 06, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	Jun 09, 2017	0.80	1.16	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Jun 08, 2017	0.80	0.85	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 08, 2017	0.80	0.85	0.80	100.0%
18870630	165	980	BURNETT	13127750	5	Jun 08, 2017	0.80	0.85	0.80	100.0%
18870801	73	189	BURNETT	13127750	5	Jun 08, 2017	0.62	0.66	0.62	100.0%
18870801	73	190	BURNETT	13127750	5	Jun 08, 2017	0.38	0.40	0.38	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 08, 2017	0.27	0.28	0.27	100.0%
18870801	623	1508	BURNETT	13127750	5	Jun 08, 2017	0.53	0.57	0.53	100.0%
18870831	119	1154	BURNETT	13127750	5	Jun 08, 2017	1.20	1.27	1.20	100.0%
18870831	623	1507	BURNETT	13127750	5	Jun 08, 2017	1.20	1.27	1.20	100.0%
18880601	427	669	ARCO	13132365	2	Jun 09, 2017	0.81	1.57	0.81	100.0%
18880601	437	670	ARCO	13132365	2	Jun 09, 2017	0.33	0.64	0.33	100.0%
18880601	347	1138	SWAUGER	13127600	5	Jun 08, 2017	0.33	0.35	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	Jun 08, 2017	0.98	1.04	0.98	100.0%
18880601	347	1138	SHARP	13126500	6	Jun 07, 2017	1.27	1.27	1.27	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	Jun 07, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 06, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 06, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 05, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	Jun 09, 2017	0.90	1.30	0.90	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 09, 2017	0.40	0.78	0.40	100.0%
18890601	463	1396	MOORE	13132050	4	Jun 09, 2017	0.20	0.29	0.20	100.0%
18890601	599	1552	MOORE	13132050	4	Jun 09, 2017	0.35	0.51	0.35	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 09, 2017	0.50	0.72	0.50	100.0%
18890601	623	1503	BURNETT	13127750	5	Jun 08, 2017	0.80	0.85	0.80	100.0%
18890601	119	996	BURNETT	13127750	5	Jun 08, 2017	0.40	0.42	0.40	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 08, 2017	1.20	1.27	1.20	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 08, 2017	1.26	1.34	1.26	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 08, 2017	2.70	2.87	2.70	100.0%
18900601	372	886	ARCO	13132365	2	Jun 09, 2017	0.59	1.15	0.59	100.0%
18900601	416	591	3IN1	13130605	4	Jun 09, 2017	0.75	1.09	0.75	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 07, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 07, 2017	3.20	3.20	3.20	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 06, 2017	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 06, 2017	1.76	1.76	1.76	100.0%
18910630	205	555	BECK	13130525	4	Jun 09, 2017	0.99	1.43	0.99	100.0%
18910630	44	1003	MOORE	13132050	4	Jun 09, 2017	0.76	1.10	0.76	100.0%
18910630	2332	1255	MOORE	13132050	4	Jun 09, 2017	0.28	0.41	0.28	100.0%

18910630	44	1253	MOORE	13132050	4	Jun 09, 2017	0.70	1.01	0.70	100.0%
18910630	2332	1254	MOORE	13132050	4	Jun 09, 2017	0.48	0.69	0.48	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 06, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 07, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 07, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jun 09, 2017	0.22	0.32	0.22	100.0%
18930323	77	366	MOORE	13132050	4	Jun 09, 2017	1.60	2.32	1.60	100.0%
18930323	77	688	MOORE	13132050	4	Jun 09, 2017	1.50	2.17	1.50	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 07, 2017	0.74	0.74	0.74	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 08, 2017	0.44	0.47	0.44	100.0%
18940310	265	1223	BURNETT	13127750	5	Jun 08, 2017	2.80	2.97	2.80	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 08, 2017	0.70	0.74	0.70	100.0%
18940310	386	268	SUTTER	13128105	5	Jun 08, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 06, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 07, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jun 09, 2017	0.80	1.16	0.80	100.0%
18940531	77	800	MOORE	13132050	4	Jun 09, 2017	0.74	1.07	0.74	100.0%
18940531	5	776	MOORE	13132050	4	Jun 09, 2017	0.20	0.29	0.20	100.0%
18940601	482	1301	Upper Eastside &	13132101	2	Jun 09, 2017	0.36	0.52	0.36	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	Jun 09, 2017	3.20	4.63	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jun 09, 2017	0.15	0.22	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jun 08, 2017	0.11	0.12	0.11	100.0%
18940601	390	408	SHARP	13126500	6	Jun 07, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 06, 2017	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	Jun 08, 2017	0.30	0.32	0.30	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jun 08, 2017	0.38	0.40	0.38	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	Jun 08, 2017	1.10	1.17	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 06, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	Jun 09, 2017	0.80	1.16	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jun 09, 2017	0.10	0.14	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	Jun 08, 2017	1.14	1.21	1.14	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 06, 2017	0.18	0.18	0.18	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 06, 2017	0.02	0.02	0.02	100.0%
18950610	416	592	3IN1	13130605	4	Jun 09, 2017	2.25	3.26	2.25	100.0%
18950630	265	1224	BURNETT	13127750	5	Jun 08, 2017	2.62	2.78	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 07, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	Jun 09, 2017	1.47	2.13	1.47	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	Jun 09, 2017	0.04	0.05	0.04	100.0%
18960601	192	1405	Upper Eastside &	13132101	2	Jun 09, 2017	0.04	0.05	0.04	100.0%
18960601	144	741	Lower Eastside &	13132291	2	Jun 09, 2017	0.70	1.01	0.70	100.0%
18960601	45	998	Lower Eastside &	13132291	2	Jun 09, 2017	0.10	0.14	0.10	100.0%
18960601	180	278	Upper Eastside &	13132101	2	Jun 09, 2017	0.41	0.59	0.41	100.0%
18960601	263	399	MOORE	13132050	4	Jun 09, 2017	0.27	0.39	0.27	100.0%
18960601	417	381	MOORE	13132050	4	Jun 09, 2017	2.40	3.47	2.40	100.0%
18960601	417	992	MOORE	13132050	4	Jun 09, 2017	1.20	1.74	1.20	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 09, 2017	0.14	0.20	0.14	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 09, 2017	0.23	0.33	0.23	100.0%
18960601	263	397	MOORE	13132050	4	Jun 09, 2017	0.35	0.51	0.35	100.0%
18960601	339	1118	MOORE	13132050	4	Jun 09, 2017	1.57	2.27	1.57	100.0%
18960601	96	457	MOORE	13132050	4	Jun 09, 2017	0.92	1.33	0.92	100.0%
18960601	96	461	MOORE	13132050	4	Jun 09, 2017	0.09	0.13	0.09	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 09, 2017	0.32	0.46	0.32	100.0%
18960601	463	128	MOORE	13132050	4	Jun 09, 2017	1.60	2.32	1.60	100.0%
18960601	15	1106	MOORE	13132050	4	Jun 09, 2017	1.17	1.69	1.17	100.0%
18960601	459	993	MOORE	13132050	4	Jun 09, 2017	0.40	0.58	0.40	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 09, 2017	2.40	3.47	2.40	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 09, 2017	0.40	0.58	0.40	100.0%
18960601	252	359	DARLINGTON	13127735	5	Jun 08, 2017	0.89	0.95	0.89	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jun 08, 2017	1.15	1.22	1.15	100.0%
18960601	56	118	MACKAY DAM	13126000	7	Jun 07, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 09, 2017	2.00	3.89	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	Jun 08, 2017	1.32	1.40	1.14	86.4%
18960801	280	1186	SHARP	13126500	6	Jun 07, 2017	0.10	0.10	0.10	100.0%
18960901	427	672	ARCO	13132365	2	Jun 09, 2017	0.32	0.62	0.32	100.0%

18960901	437	671	ARCO	13132365	2	Jun 09, 2017	0.13	0.25	0.13	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 09, 2017	0.03	0.06	0.03	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 09, 2017	0.51	0.99	0.51	100.0%
18960928	392	840	MUNSEY	13132375	2	Jun 09, 2017	3.86	7.50	3.86	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 09, 2017	1.97	3.83	1.97	100.0%
18970510	437	664	ARCO	13132365	2	Jun 09, 2017	1.74	3.38	1.74	100.0%
18970510	427	6	ARCO	13132365	2	Jun 09, 2017	3.93	7.65	3.93	100.0%
18970510	73	192	BURNETT	13127750	5	Jun 08, 2017	0.20	0.21	0.20	100.0%
18970510	73	191	BURNETT	13127750	5	Jun 08, 2017	0.92	0.98	0.92	100.0%
18970515	604	43	Lower Eastside &	13132291	2	Jun 09, 2017	1.34	1.94	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 06, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 08, 2017	3.20	3.40	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	Jun 09, 2017	0.24	0.35	0.24	100.0%
18970615	180	280	Upper Eastside &	13132101	2	Jun 09, 2017	0.13	0.19	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 07, 2017	2.40	2.40	2.40	100.0%
18980601	192	1406	Upper Eastside &	13132101	2	Jun 09, 2017	0.09	0.13	0.09	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	Jun 09, 2017	0.65	0.94	0.65	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 09, 2017	0.50	0.97	0.50	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 06, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 06, 2017	2.01	2.01	2.01	100.0%
18980901	268	562	ARCO	13132365	2	Jun 09, 2017	1.57	3.05	1.57	100.0%
18980901	122	821	ARCO	13132365	2	Jun 09, 2017	0.10	0.19	0.10	100.0%
18980901	344	597	ARCO	13132365	2	Jun 09, 2017	0.04	0.08	0.04	100.0%
18980901	344	820	ARCO	13132365	2	Jun 09, 2017	0.06	0.12	0.06	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 07, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 07, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	Jun 09, 2017	0.92	1.33	0.92	100.0%
18990327	604	41	Lower Eastside &	13132291	2	Jun 09, 2017	0.84	1.22	0.84	100.0%
18990327	180	468	Upper Eastside &	13132101	2	Jun 09, 2017	0.05	0.07	0.05	100.0%
18990327	604	437	Lower Eastside &	13132291	2	Jun 09, 2017	0.13	0.18	0.13	100.0%
18990327	433	272	MOORE	13132050	4	Jun 09, 2017	0.48	0.69	0.48	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 09, 2017	0.01	0.01	0.01	100.0%
18990327	459	1090	MOORE	13132050	4	Jun 09, 2017	0.60	0.87	0.60	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 09, 2017	2.80	5.44	2.80	100.0%
18990518	138	443	BURNETT	13127750	5	Jun 08, 2017	0.02	0.02	0.02	100.0%
18990518	151	1044	BURNETT	13127750	5	Jun 08, 2017	0.15	0.16	0.15	100.0%
18990601	201	705	SWAUGER	13127600	5	Jun 08, 2017	0.28	0.30	0.28	100.0%
18990601	165	982	BURNETT	13127750	5	Jun 08, 2017	0.68	0.72	0.68	100.0%
18990601	490	981	BURNETT	13127750	5	Jun 08, 2017	0.80	0.85	0.80	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 06, 2017	2.74	2.74	2.74	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 06, 2017	0.60	0.60	0.60	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jun 09, 2017	0.80	1.56	0.80	100.0%
19000323	77	44	MOORE	13132050	4	Jun 09, 2017	0.30	0.43	0.30	100.0%
19000601	386	270	SUTTER	13128105	5	Jun 08, 2017	0.08	0.08	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 06, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 07, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 07, 2017	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jun 09, 2017	0.23	0.33	0.23	100.0%
19010901	70	339	MOORE	13132050	4	Jun 09, 2017	0.10	0.14	0.10	100.0%
19010901	433	685	MOORE	13132050	4	Jun 09, 2017	0.50	0.72	0.50	100.0%
19010901	138	439	BURNETT	13127750	5	Jun 08, 2017	0.02	0.02	0.02	100.0%
19011001	263	396	MOORE	13132050	4	Jun 09, 2017	0.14	0.20	0.14	100.0%
19020103	548	1436	BRADSHAW	13120705	9	Jun 06, 2017	2.60	2.60	2.60	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	Jun 09, 2017	0.20	0.29	0.20	100.0%
19020301	15	81	MOORE	13132050	4	Jun 09, 2017	0.20	0.29	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 09, 2017	0.31	0.44	0.31	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	Jun 07, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 06, 2017	0.90	0.90	0.90	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 06, 2017	1.60	1.60	1.60	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 06, 2017	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 06, 2017	3.20	3.20	3.20	100.0%
19020301	609	1492	CHILLY	13121105	9	Jun 06, 2017	3.40	3.40	3.40	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 06, 2017	0.80	0.80	0.80	100.0%
19020301	307	834	CHILLY	13121105	9	Jun 06, 2017	2.40	2.40	2.40	100.0%

19020301	307	676	CHILLY	13121105	9	Jun 06, 2017	3.85	3.85	3.85	100.0%
19020304	129	1062	CHILLY	13121105	9	Jun 06, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 06, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 06, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 09, 2017	1.38	2.00	1.38	100.0%
19020501	310	631	CHILLY	13121105	9	Jun 06, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 05, 2017	0.62	0.62	0.62	100.0%
19020601	16	1014	MOORE	13132050	4	Jun 09, 2017	0.92	1.33	0.92	100.0%
19020601	339	1015	MOORE	13132050	4	Jun 09, 2017	0.66	0.96	0.66	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 07, 2017	3.70	3.70	3.70	100.0%
19020601	154	838	Freeman Ditch	13124165	8	Jun 07, 2017	1.50	1.50	1.50	100.0%
19020701	548	1435	BRADSHAW	13120705	9	Jun 06, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 06, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 07, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 07, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	Jun 09, 2017	1.46	2.11	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	Jun 08, 2017	0.08	0.08	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	Jun 08, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	Jun 06, 2017	1.40	1.40	1.40	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 07, 2017	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 07, 2017	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 07, 2017	0.13	0.13	0.13	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 06, 2017	0.02	0.02	0.02	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 06, 2017	0.62	0.62	0.62	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 06, 2017	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 06, 2017	0.82	0.82	0.82	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 06, 2017	0.40	0.40	0.40	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 06, 2017	1.30	1.30	1.30	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 06, 2017	3.00	3.00	3.00	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 06, 2017	0.50	0.50	0.50	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 06, 2017	0.30	0.30	0.30	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 06, 2017	1.10	1.10	1.10	100.0%
19050501	129	1063	CHILLY	13121105	9	Jun 06, 2017	0.80	0.80	0.80	100.0%
19050501	310	115	CHILLY	13121105	9	Jun 06, 2017	1.90	1.90	1.90	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 06, 2017	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 06, 2017	0.58	0.58	0.58	100.0%
19050501	483	1501	LONGHURST	13121505	9	Jun 06, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 05, 2017	2.58	2.58	2.58	100.0%
19060501	185	392	Upper Eastside &	13132101	2	Jun 09, 2017	0.19	0.27	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	Jun 06, 2017	0.50	0.50	0.50	100.0%
19060630	483	1513	LONGHURST	13121505	9	Jun 06, 2017	1.08	1.08	1.08	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 06, 2017	1.52	1.52	1.52	100.0%
19070501	575	322	NEILSEN	13120805	9	Jun 06, 2017	1.48	1.48	1.48	100.0%
19070508	483	1276	LONGHURST	13121505	9	Jun 06, 2017	1.30	1.30	1.30	100.0%
19080401	314	73	NEILSEN	13120805	9	Jun 06, 2017	2.04	2.04	2.04	100.0%
19080401	483	848	LONGHURST	13121505	9	Jun 06, 2017	2.10	2.10	2.10	100.0%
19080715	364	692	CHILLY	13121105	9	Jun 06, 2017	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 09, 2017	0.33	0.48	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	Jun 07, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 07, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 06, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	Jun 06, 2017	0.80	0.80	0.80	100.0%
19120227	364	954	CHILLY	13121105	9	Jun 06, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 07, 2017	1.20	1.20	1.20	100.0%
19120401	483	13	LONGHURST	13121505	9	Jun 06, 2017	1.71	1.71	1.71	100.0%
19120501	310	632	CHILLY	13121105	9	Jun 06, 2017	0.80	0.80	0.80	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 06, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	Jun 06, 2017	0.03	0.03	0.03	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 06, 2017	1.70	1.70	1.70	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 06, 2017	2.10	2.10	2.10	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 06, 2017	2.40	2.40	2.40	100.0%
19131206	575	1379	NEILSEN	13120805	9	Jun 06, 2017	1.72	1.72	1.72	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 06, 2017	1.60	1.60	1.60	100.0%
19140601	445	413	NEILSEN	13120805	9	Jun 06, 2017	0.02	0.02	0.02	100.0%

19140601	445	412	NEILSEN	13120805	9	Jun 06, 2017	0.18	0.18	0.18	100.0%
19150504	373	434	CHILLY	13121105	9	Jun 06, 2017	0.59	0.59	0.59	100.0%
19150504	310	636	CHILLY	13121105	9	Jun 06, 2017	0.42	0.42	0.42	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 06, 2017	1.58	1.58	1.58	100.0%
19160501	373	26	CHILLY	13121105	9	Jun 06, 2017	0.41	0.41	0.41	100.0%
19160501	310	634	CHILLY	13121105	9	Jun 06, 2017	0.80	0.80	0.80	100.0%
19160501	129	633	CHILLY	13121105	9	Jun 06, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 07, 2017	1.36	1.36	1.36	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 06, 2017	0.80	0.80	0.80	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 07, 2017	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	Jun 09, 2017	0.79	1.54	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jun 09, 2017	0.01	0.02	0.01	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 07, 2017	1.80	1.80	1.20	66.7%
19240806	417	695	MOORE	13132050	4	Jun 09, 2017	0.50	0.72	0.50	100.0%
19600824	185	390	Upper Eastside &	13132101	2	Jun 09, 2017	0.11	0.16	0.11	100.0%
19740402	150	220	MUNSEY	13132375	2	Jun 09, 2017	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 09, 2017	4.38	8.51	4.38	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 09, 2017	16.00	31.10	16.00	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 09, 2017	33.30	48.18	33.30	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 09, 2017	15.20	21.99	15.20	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 08, 2017	25.66	27.26	25.66	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 06, 2017	11.00	11.00	11.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	Jun 07, 2017	10000.00	10000.00	2331.90	23.3%

Reach	Flows in cfs	Actual Date	Actual Flow	Total Rch Div	Exchange Flow	Reach Gain	Convey Loss	Natural Flow	Nat Flow Divert	Sto Flow Divert	Exc Flow Divert	Nat Flow Remain	Sto Flow Remain	Exc Flow Remain
10	Howell Gage	Jun 6	3470.0	4.8		3474.8	0.00	3474.8	4.8	0.0		3470.0	0.0	
9	Howell to Chilly	Jun 7	6.3	160.3		-3303.4	0.95	171.4	139.7	20.6		26.9	-20.6	
8	Chilly to Reservoir	* Jun 8	2736.5	169.6		2899.7	0.00	3071.2	72.9	96.7		2853.8	-117.3	
	Disconnected													
7	Mackay Reservoir	* Jun 8	1934.0	0.0		2736.5	0.00	2791.5	2294.9			496.6		
6	Reservoir to 2B	Jun 8	1920.0	14.0		0.0	0.00	2782.0	9.5	4.5		487.1	1432.9	
5	2B to Leslie	Jun 9	1760.0	215.0		55.0	0.00	2657.8	124.2	90.8		362.9	1397.1	
4	Leslie to Eastside In	Jun 10	1042.2	165.4		-552.4	0.31	2406.5	137.4	28.0		111.6	930.6	
2a	Eastside In To Weirs	* Jun 10	896.2	19.0	0.0	-127.0	0.12	2376.2	16.6	2.4		81.4	814.8	0.0
2b	Weirs To Eastside Out	* Jun 10	750.3	15.0	0.0	-130.9	0.15	2351.9	12.4	2.6		57.1	693.2	0.0
2c	Eastside Out To Blw Muns	* Jun 10	643.7	106.6	0.0	0.0	0.00	2294.9	57.1	49.5	0.0	0.0	643.7	0.0
1	Blw Munsey to Arco	Jun 10	547.0	0.0		-96.7	0.15	2287.6	0.0	0.0		0.0	643.7	
3	River blw Moore Div	Jun 10	0.0	0.0		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								TOTAL	2869.4	295.1	0.0			

* - Indicates flow estimated, not measured

REACH LOSS DATA

Reach	Actual Date	Nat Flow Loss	Sto Flow Loss	Exc Flow Loss	Priority	Percent Filled	Order	Priority	Rate (cfs)	Right (AF)	Stored (AF)	
10	Howell Gage	Jun 6	0.0		20090101	23%	1	18800630	3.2	556.5	247.5	
9	Howell to Chilly	Jun 7	-3303.4		20090101	23%	2	18810630	1.7	294.0	131.5	
8	Chilly to Reservoir	Jun 8	0.0		20090101	23%	3	18880601	3.2	556.5	247.5	
	Disconnected						4	18960601	6.4	1113.0	495.1	
7	Mackay Reservoir	Jun 8	0.0		20090101	23%	5	19020301	0.8	140.0	61.9	
6	Reservoir to 2B	Jun 8	0.0	0.0	20090101	23%	6	19051002	Unlimited	20646.0	20646.0	
5	2B to Leslie	Jun 9	0.0	0.0	20090101	23%	7	19160207	Unlimited	17205.0	17205.0	
4	Leslie to Eastside In	Jun 10	-113.9	-438.5	20090101	23%	8	19590902	Unlimited	6000.0	6000.0	
2a	Eastside In To Weirs	Jun 10	-13.6	-113.4	0.0	20090101	23%	9	Add Vol	Unlimited	200000.0	129708.2
2b	Weirs To Eastside Out	Jun 10	-11.9	-119.0	0.0	20090101	23%	10	Rotation	Unlimited	50000.0	0.0
2c	Eastside Out To Blw Muns	Jun 10	0.0	0.0	0.0	20090101	23%		TOTAL		296511.0	174742.7
1	Blw Munsey to Arco	Jun 10	0.0	-643.7	0.0	20090101	23%					
3	River blw Moore Div	Jun 10	0.0	0.0	20090101	23%						
	TOTAL		-3442.8	-1313.4	0.0							

MACKAY RESERVOIR RIGHTS

SUMMARY OF MACKAY RESERVOIR & BELOW

Previous Content (AF)	Current Content (AF)	ACCR STO (AF)	Change Content (AF)	Change Content (cfs)	Daily Evap (cfs)	Nat Flow Divert (cfs)	Sto Flow Divert (cfs)	Exc Flow Divert (cfs)
40210.0	41770.0		1560.0	786.5	16.0	357.2	179.0	0.0

RESERVOIR BALANCE CALCULATION (AF)

Beg Storage (4/29)	16480.0
Allocated Storage	106042.7
Total Storage Loss	-66741.4
Total Storage Deliver	-13404.9
Total Evaporation	-606.6
Accounting Balance	41769.8
Current Res Content	41770.0
Storage Balance Error	-0.2

DAILY STORAGE BALANCE

40210.0 Reservoir Content Previous Day [ac-ft]
41770.0 Reservoir Content Current Day [ac-ft]
1560.0 Physical Change in Storage [ac-ft]

4551.9 Storage Allocated to Mackay Reservoir [ac-ft]
-2605.1 Stored Flow Losses [ac-ft]
0.0 2B to Leslie [cfs]
-438.5 Leslie to Moore [cfs]
-874.9 Eastside [cfs]
0.0 River blw Moore [cfs]
-355.0 Storage Delivered [ac-ft]
4.5 Reservoir to 2B [cfs]
90.8 2B to Leslie [cfs]
28.0 Leslie to Moore [cfs]
55.7 Eastside to blw Munsey [cfs]
-31.7 Evaporation [ac-ft]
1560.1 Accounting Change in Storage [ac-ft]

0.0 Balance [ac-ft]

DAILY NATURAL FLOW BALANCE

2791.5 Natural Flow into Mackay Reservoir [cfs]

2294.9 Reservoir Rights Diverted [cfs]
132.9 Natural Flow Losses below Reservoir [cfs]
0.0 2B to Leslie [cfs]
-113.9 Leslie to Moore [cfs]
-19.0 Eastside as River [cfs]
363.7 Natural Flow Delivered [cfs]
9.5 Reservoir to 2B [cfs]
124.2 2B to Leslie [cfs]
137.4 Leslie to Moore [cfs]
92.6 Eastside to blw Munsey [cfs]
2791.5 Natural Flow Delivered & Lost [cfs]

0.0 Balance [CFS]

Upper Eastside And Island Details

	Inflow			Outflow				Calculations		Flow Out
	Eastside In	Folkman Exchange	Potter Exchange	Upper Diversion	Upper Div Losses	Jensen's Weir	Felton's Weir	Reach Gain	PCL	
Gage #	13132060	13132130	13132140	13132101		13132159	13132292			
Actual Flow	1042.2			19.0	-2.6	448.1	448.1	-127.0	12.2%	896.2
Natural Flow	111.6			16.6	-2.3			-13.6		81.4
Stored Flow	930.6			2.4	-0.3			-113.4		814.8
Exchange Flow		0.0	0.0					0.0		0.0

Lower Eastside And Island Details

	Inflow			Outflow			Calculations		
	Jensen's Weir	Felton's Weir	Lower Exchange	Lower Diversion	Lower Div Losses	Eastside Out	Reach Gain	PCL	Eastside River Loss
Gage #	13132159	13132292		13132291		13132350			
Actual Flow	448.1	448.1		15.0	-5.0	750.3	-130.9	14.6%	-250.3
Natural Flow				12.4	-4.1	57.1	-11.9		-19.0
Stored Flow				2.6	-0.9	693.2	-119.0		-231.2
Exchange Flow			0.0			0.0	0.0		

End of Reach Details

	Inflow	Outflow	
	Eastside Out	Arco/Munsey Diversion	Below Munsey
Gage #	13132350		13132390
Actual Flow	750.3	106.6	643.7
Natural Flow	57.1	57.1	0.0
Stored Flow	693.2	49.5	643.7
Exchange Flow	0.0	0.0	0.0

Eastside as the River and as a Diversion Calculations

	Eastside Diversion At Head	Eastside River At Head	Eastside Diversion At Weirs	Eastside River At Weirs	Eastside River At Out
Gage #	13132060	13132060			13132350
Actual Flow	41.6	1000.6	17.6	878.6	750.3
Natural Flow	35.5	76.1	14.5	66.8	57.1
Stored Flow	6.1	924.5	3.0	811.8	693.2
Exchange Flow				0.0	0.0

RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED	RCH DIVERSION	CFS DIVN	CFS STOR	AF STOR USED
10 Sorensen	0.0	0.0	0.0	8 No Tellum 2	0.0	0.0	0.0	6 BIG LOST RIVER O	0.0	0.0	0.0
10 HOWELL	4.8	0.0	0.0	8 No Tellum 3	0.0	0.0	0.0	6 SHARP	14.0	4.5	231.9
9 KENT	5.0	0.0	0.0	8 Gates/Woods 1	0.0	0.0	0.0	5 STREETER	0.0	0.0	0.0
9 BRADSHAW	6.9	0.0	0.2	8 Gates/Woods 2	0.0	0.0	0.0	5 SWAUGER	36.0	17.4	720.8
9 BITTON	0.0	5.0	134.9	8 No Tellum 4	0.0	0.0	0.0	5 MARINAC	0.0	0.0	0.0
9 Anderson	6.0	6.0	344.1	8 No Tellum 5	0.0	0.0	0.0	5 DARLINGTON	26.0	0.0	11.7
9 Thalman Hunter D	4.6	4.6	291.2	8 Gates/Woods/6X R	0.0	0.0	0.0	5 BURNETT	117.0	42.6	2068.6
9 Johnson/Hatmaker	0.0	0.0	0.0	8 Smith Pumps	3.0	0.0	0.0	5 HARRIS-VAUGHT	30.0	28.2	1928.2
9 NEILSEN	42.7	0.6	279.4	8 Freeman/Kent	0.0	0.0	0.0	5 MAGEE PUMP	0.0	0.0	0.0
9 Bradshaw 2	0.0	0.0	0.0	8 Broken River Pum	5.0	1.0	19.8	5 SUTTER	6.0	2.6	158.4
9 CHILLY	70.0	4.4	251.5	8 Broken River Dit	1.5	1.5	37.7	5 ANGELO	0.0	0.0	0.0
9 INGRAM	0.0	0.0	0.0	8 Freeman 2	0.0	0.0	0.0	4 BECK	20.0	13.3	796.7
9 Cherian	0.0	0.0	0.0	8 Freeman 3	0.0	0.0	0.0	4 PEHRSON	2.4	2.4	28.6
9 LONGHURST	25.0	0.0	269.0	8 Freeman/Hill Pum	2.0	2.0	7.9	4 LOW BURNETT	0.0	0.0	0.0
8 Mtn. Springs 3	0.0	0.0	0.0	8 6X Ranch 5	0.0	0.0	0.0	4 CRAWFORD PUMP	0.0	0.0	0.0
8 Donahue 1	88.0	87.1	172.8	8 Johnson/Navarro	4.0	0.8	12.9	4 3IN1	43.0	4.8	401.8
8 Zollinger 1	5.1	0.0	2.4	8 6X Ranch 6	0.0	0.0	0.0	4 B AND J	0.0	0.0	0.0
8 Zollinger 3	0.0	0.0	0.0	8 Stoecklein 3	0.0	0.0	0.0	4 MOORE	100.0	7.4	3790.9
8 Pence Diversion	0.0	0.0	0.0	8 Upper Fish Hatch	5.0	0.9	156.6	2 EASTSIDE FHDiv	41.6	6.1	
8 Unger	0.0	0.0	0.0	8 Freeman Ditch	2.0	0.5	4.0	2 Upper Eastside &			
8 6X Ranch 1	10.9	0.0	0.0	8 Stoecklein 1	3.2	0.0	0.0	2 Lower Eastside &			
8 Mtn. Springs 1	10.7	0.0	0.0	8 Stoecklein 2	0.0	0.0	0.0	2 Nichols	0.0	0.0	0.0
8 Mtn. Springs 4	0.0	0.0	0.0	8 Stoecklein 4	0.0	0.0	0.0	2 ARCO	58.6	693.2	35751.2
8 Mtn. Springs 2	0.0	0.0	0.0	8 Shoupe Ditch	3.5	0.3	4.2	2 MUNSEY	48.0	693.2	35751.2
8 Donahue 2	3.2	0.0	0.0	8 Gates Pump 1	1.2	1.2	16.7	1 MILLER	0.0	0.0	0.0
8 Simmons	0.0	0.0	0.0	8 Gates Pump 2	1.2	0.0	0.0	1 MCLAUGHLIN	0.0	0.0	0.0
8 Donahue 4	0.0	0.0	0.0	8 6X Ranch Pump	1.4	0.0	0.0	1 FOLKMAN PUMP	0.0	0.0	0.0
8 Donahue 3	0.0	0.0	0.0	8 6X Ranch Navarre	2.0	1.4	59.2	1 HUGGINS PUMP	0.0	0.0	0.0
8 Zollinger 2	0.0	0.0	0.0	8 Gates/Woods 3	0.0	0.0	0.0	1 QUIST PUMP #1	0.0	0.0	0.0
8 Zollinger/No Tel	7.5	0.0	0.0	8 6X Ranch 3	0.0	0.0	0.0	1 QUIST PUMP #2	0.0	0.0	0.0
8 Churn Dasher Ran	2.8	0.0	0.0	8 6X Ranch 4	0.0	0.0	0.0				
8 No Tellum 1	6.4	0.0	0.0	7 MACKAY DAM	0.0	0.0	0.0				

- (1) Donahue 3 & 4 use combined with Donahue 2
- (2) Mtn. Springs 2, 3 & 4 use combined with Mtn. Springs 1
- (3) No Tellum 2, 3, 4 & 5 use combined with No Tellum 1
- (4) 13120300 use combined with Sorensen
- (5) Zollinger 3 use combined with Zollinger 1
- (6) KENT use combined with BITTON
- (7) 6X Ranch Pump use combined with 6X Ranch Navarre
- (8) 13121400 use combined with Cherian
- (*) OVERAGES SHOWN MAY DUE TO NELSON INJECTION

EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD	EXCHANGE PUMP	CFS PUMPED	AF YTD
8 Neilsen Injectio	0.0	0.0	2 POTTER EXCHANGE	0.0	0.0	2 ISOM 2 EXCHANGE	0.0	0.0
5 JM SMITH EXCHANG	0.0	0.0	2 JENSEN EXCHANGE	0.0	0.0	2 QUIST EXCHANGE P	0.0	0.0
5 L SMITH EXCHANGE	0.0	0.0	2 ISOM 1 EXCHANGE	0.0	0.0	2 SCHUREMAN EXCHAN	0.0	0.0
5 PEHRSON EXCHANGE	0.0	0.0	2 PARKINSON EXCHAN	0.0	0.0	2 RASMUSSEN EXCHAN	0.0	0.0
2 FOLKMAN EXCHANGE	0.0	0.0	2 MCDONALD EXCHANG	0.0	0.0	2 WADDOUPS EXCHANG	0.0	0.0

Priority Date	User ID	WR ID	Diversion Name	Site ID	Reach Number	Reach Day	Rate	Rate w/Loss	Nat Flow Deliver	% Right Filled
18750601	483	12	CHILLY	13121105	9	Jun 07, 2017	0.84	0.84	0.84	100.0%
18750601	483	12	LONGHURST	13121505	9	Jun 07, 2017	4.36	4.36	4.36	100.0%
18790401	1	415	6X Ranch Navarre	13124357	8	Jun 08, 2017	0.01	0.01	0.01	100.0%
18790401	1	414	6X Ranch Navarre	13124357	8	Jun 08, 2017	0.59	0.59	0.59	100.0%
18800601	93	723	ARCO	13132365	2	Jun 10, 2017	0.04	0.08	0.04	100.0%
18800601	370	530	ARCO	13132365	2	Jun 10, 2017	0.15	0.29	0.15	100.0%
18800630	56	1339	MACKAY DAM	13126000	7	Jun 08, 2017	3.20	3.20	3.20	100.0%
18810630	56	1333	MACKAY DAM	13126000	7	Jun 08, 2017	1.70	1.70	1.70	100.0%
18820601	307	1101	Mtn. Springs 1	13122920	8	Jun 08, 2017	1.50	1.50	1.50	100.0%
18820601	101	1100	Churn Dasher Ran	13123040	8	Jun 08, 2017	1.50	1.50	1.50	100.0%
18820601	317	939	No Tellum 1	13123060	8	Jun 08, 2017	3.20	3.20	3.20	100.0%
18821101	403	1060	NEILSEN	13120805	9	Jun 07, 2017	1.20	1.20	1.20	100.0%
18830401	358	1031	Smith Pumps	13124040	8	Jun 08, 2017	3.00	3.00	3.00	100.0%
18830601	106	1082	MOORE	13132050	4	Jun 10, 2017	1.16	1.69	1.16	100.0%
18830601	2331	465	MOORE	13132050	4	Jun 10, 2017	0.79	1.15	0.79	100.0%
18830601	22	1083	MOORE	13132050	4	Jun 10, 2017	0.06	0.09	0.06	100.0%
18830601	224	854	MOORE	13132050	4	Jun 10, 2017	2.76	4.02	2.76	100.0%
18830601	645	464	MOORE	13132050	4	Jun 10, 2017	0.11	0.16	0.11	100.0%
18830630	223	1192	Upper Eastside &	13132101	2	Jun 10, 2017	1.66	2.42	1.66	100.0%
18830810	638	1109	Upper Eastside &	13132101	2	Jun 10, 2017	0.21	0.31	0.21	100.0%
18830810	192	1109	Upper Eastside &	13132101	2	Jun 10, 2017	0.21	0.31	0.21	100.0%
18830810	634	1546	Upper Eastside &	13132101	2	Jun 10, 2017	0.43	0.63	0.43	100.0%
18830810	2332	1088	MOORE	13132050	4	Jun 10, 2017	1.50	2.19	1.50	100.0%
18830810	96	449	MOORE	13132050	4	Jun 10, 2017	0.48	0.70	0.48	100.0%
18830810	85	1583	MOORE	13132050	4	Jun 10, 2017	0.18	0.26	0.18	100.0%
18830810	263	393	MOORE	13132050	4	Jun 10, 2017	0.18	0.26	0.18	100.0%
18840401	683	331	HARRIS-VAUGHT	13127751	5	Jun 09, 2017	0.68	0.68	0.68	100.0%
18840422	236	30	BECK	13130525	4	Jun 10, 2017	1.64	2.39	1.64	100.0%
18840422	433	1427	MOORE	13132050	4	Jun 10, 2017	0.14	0.20	0.14	100.0%
18840422	201	83	SWAUGER	13127600	5	Jun 09, 2017	1.12	1.12	1.12	100.0%
18840422	585	951	SWAUGER	13127600	5	Jun 09, 2017	0.18	0.18	0.18	100.0%
18840422	317	1533	SWAUGER	13127600	5	Jun 09, 2017	0.07	0.07	0.07	100.0%
18840422	347	938	SWAUGER	13127600	5	Jun 09, 2017	0.82	0.82	0.82	100.0%
18840422	338	579	DARLINGTON	13127735	5	Jun 09, 2017	0.55	0.55	0.55	100.0%
18840422	338	117	DARLINGTON	13127735	5	Jun 09, 2017	1.63	1.63	1.63	100.0%
18840422	660	1556	DARLINGTON	13127735	5	Jun 09, 2017	1.44	1.44	1.44	100.0%
18840422	252	365	DARLINGTON	13127735	5	Jun 09, 2017	2.17	2.17	2.17	100.0%
18840422	139	1293	DARLINGTON	13127735	5	Jun 09, 2017	0.20	0.20	0.20	100.0%
18840422	381	134	DARLINGTON	13127735	5	Jun 09, 2017	0.96	0.96	0.96	100.0%
18840422	336	1390	BURNETT	13127750	5	Jun 09, 2017	0.50	0.50	0.50	100.0%
18840422	360	133	BURNETT	13127750	5	Jun 09, 2017	2.00	2.00	2.00	100.0%
18840422	525	1465	BURNETT	13127750	5	Jun 09, 2017	1.92	1.92	1.92	100.0%
18840422	544	1067	SHARP	13126500	6	Jun 08, 2017	1.00	1.00	1.00	100.0%
18840422	390	406	SHARP	13126500	6	Jun 08, 2017	0.09	0.09	0.09	100.0%
18840422	347	938	SHARP	13126500	6	Jun 08, 2017	3.18	3.18	3.18	100.0%
18840422	632	1539	SHARP	13126500	6	Jun 08, 2017	0.12	0.12	0.12	100.0%
18840422	24	120	SHARP	13126500	6	Jun 08, 2017	0.08	0.08	0.08	100.0%
18840422	103	1289	SHARP	13126500	6	Jun 08, 2017	0.64	0.64	0.64	100.0%
18840422	2525	407	SHARP	13126500	6	Jun 08, 2017	0.08	0.08	0.08	100.0%
18840422	397	10	SHARP	13126500	6	Jun 08, 2017	0.12	0.12	0.12	100.0%
18840430	119	1366	BURNETT	13127750	5	Jun 09, 2017	0.40	0.40	0.40	100.0%
18840430	139	1368	BURNETT	13127750	5	Jun 09, 2017	0.80	0.80	0.80	100.0%
18840430	73	194	BURNETT	13127750	5	Jun 09, 2017	0.77	0.77	0.77	100.0%
18840430	623	1519	BURNETT	13127750	5	Jun 09, 2017	0.40	0.40	0.40	100.0%
18840430	73	193	BURNETT	13127750	5	Jun 09, 2017	1.23	1.23	1.23	100.0%
18840430	360	67	BURNETT	13127750	5	Jun 09, 2017	0.06	0.06	0.06	100.0%
18840501	501	1324	Zollinger/No Tel	13123020	8	Jun 08, 2017	1.80	1.80	1.80	100.0%
18840501	317	1129	Zollinger/No Tel	13123020	8	Jun 08, 2017	0.22	0.22	0.22	100.0%
18840520	604	436	Lower Eastside &	13132291	2	Jun 10, 2017	1.15	1.68	1.15	100.0%

18840520	180	470	Upper Eastside &	13132101	2	Jun 10, 2017	0.16	0.23	0.16	100.0%
18840520	187	16	Lower Eastside &	13132291	2	Jun 10, 2017	0.16	0.23	0.16	100.0%
18840520	251	796	Upper Eastside &	13132101	2	Jun 10, 2017	0.80	1.17	0.80	100.0%
18840520	66	266	MOORE	13132050	4	Jun 10, 2017	0.02	0.03	0.02	100.0%
18840520	433	271	MOORE	13132050	4	Jun 10, 2017	0.54	0.79	0.54	100.0%
18840520	219	547	MOORE	13132050	4	Jun 10, 2017	1.10	1.60	1.10	100.0%
18840520	459	797	MOORE	13132050	4	Jun 10, 2017	1.20	1.75	1.20	100.0%
18840520	2332	753	MOORE	13132050	4	Jun 10, 2017	0.42	0.61	0.42	100.0%
18840520	96	451	MOORE	13132050	4	Jun 10, 2017	0.58	0.85	0.58	100.0%
18840520	427	1	MOORE	13132050	4	Jun 10, 2017	0.80	1.17	0.80	100.0%
18840520	2331	471	MOORE	13132050	4	Jun 10, 2017	1.33	1.94	1.33	100.0%
18840520	2331	463	MOORE	13132050	4	Jun 10, 2017	2.24	3.26	2.24	100.0%
18840520	645	462	MOORE	13132050	4	Jun 10, 2017	0.27	0.39	0.27	100.0%
18840520	340	816	MOORE	13132050	4	Jun 10, 2017	0.28	0.41	0.28	100.0%
18840520	459	1478	MOORE	13132050	4	Jun 10, 2017	0.01	0.01	0.01	100.0%
18840520	2332	752	MOORE	13132050	4	Jun 10, 2017	0.36	0.52	0.36	100.0%
18840520	2335	265	MOORE	13132050	4	Jun 10, 2017	0.82	1.20	0.82	100.0%
18840520	263	394	MOORE	13132050	4	Jun 10, 2017	0.22	0.32	0.22	100.0%
18840520	85	1584	MOORE	13132050	4	Jun 10, 2017	0.22	0.32	0.22	100.0%
18840520	2333	657	MOORE	13132050	4	Jun 10, 2017	0.96	1.40	0.96	100.0%
18840531	338	122	DARLINGTON	13127735	5	Jun 09, 2017	0.72	0.72	0.72	100.0%
18840601	15	131	MOORE	13132050	4	Jun 10, 2017	0.37	0.54	0.37	100.0%
18840601	263	395	MOORE	13132050	4	Jun 10, 2017	0.08	0.12	0.08	100.0%
18840601	96	453	MOORE	13132050	4	Jun 10, 2017	0.21	0.31	0.21	100.0%
18840601	85	1585	MOORE	13132050	4	Jun 10, 2017	0.08	0.12	0.08	100.0%
18840601	85	1545	MOORE	13132050	4	Jun 10, 2017	0.54	0.79	0.54	100.0%
18840601	85	1544	MOORE	13132050	4	Jun 10, 2017	0.09	0.13	0.09	100.0%
18840601	359	1012	MOORE	13132050	4	Jun 10, 2017	1.28	1.87	1.28	100.0%
18840601	297	712	BURNETT	13127750	5	Jun 09, 2017	0.80	0.80	0.80	100.0%
18840601	119	56	BURNETT	13127750	5	Jun 09, 2017	0.73	0.73	0.73	100.0%
18840601	623	1505	BURNETT	13127750	5	Jun 09, 2017	0.40	0.40	0.40	100.0%
18840601	73	200	BURNETT	13127750	5	Jun 09, 2017	0.23	0.23	0.23	100.0%
18840601	73	199	BURNETT	13127750	5	Jun 09, 2017	0.37	0.37	0.37	100.0%
18840601	139	711	BURNETT	13127750	5	Jun 09, 2017	0.80	0.80	0.80	100.0%
18840601	623	1504	BURNETT	13127750	5	Jun 09, 2017	0.27	0.27	0.27	100.0%
18840601	138	441	BURNETT	13127750	5	Jun 09, 2017	0.04	0.04	0.04	100.0%
18840601	623	1493	BURNETT	13127750	5	Jun 09, 2017	0.20	0.20	0.20	100.0%
18840601	151	1042	BURNETT	13127750	5	Jun 09, 2017	0.23	0.23	0.23	100.0%
18840601	317	940	No Tellum 1	13123060	8	Jun 08, 2017	1.60	1.60	1.60	100.0%
18840601	403	1061	NEILSEN	13120805	9	Jun 07, 2017	0.40	0.40	0.40	100.0%
18840601	403	1059	NEILSEN	13120805	9	Jun 07, 2017	0.80	0.80	0.80	100.0%
18840715	417	1194	MOORE	13132050	4	Jun 10, 2017	1.20	1.75	1.20	100.0%
18840715	459	1195	MOORE	13132050	4	Jun 10, 2017	1.20	1.75	1.20	100.0%
18840715	115	323	MOORE	13132050	4	Jun 10, 2017	0.74	1.08	0.74	100.0%
18840715	15	799	MOORE	13132050	4	Jun 10, 2017	0.80	1.17	0.80	100.0%
18840715	133	324	MOORE	13132050	4	Jun 10, 2017	0.74	1.08	0.74	100.0%
18840715	44	1005	MOORE	13132050	4	Jun 10, 2017	0.80	1.17	0.80	100.0%
18840731	44	1132	MOORE	13132050	4	Jun 10, 2017	0.80	1.17	0.80	100.0%
18840731	44	1131	MOORE	13132050	4	Jun 10, 2017	0.80	1.17	0.80	100.0%
18840831	306	1200	Upper Eastside &	13132101	2	Jun 10, 2017	0.20	0.29	0.20	100.0%
18840831	192	772	Upper Eastside &	13132101	2	Jun 10, 2017	0.40	0.58	0.40	100.0%
18840831	638	772	Upper Eastside &	13132101	2	Jun 10, 2017	0.40	0.58	0.40	100.0%
18840831	251	773	Upper Eastside &	13132101	2	Jun 10, 2017	0.50	0.73	0.50	100.0%
18840831	180	276	Upper Eastside &	13132101	2	Jun 10, 2017	1.31	1.91	1.31	100.0%
18840831	634	1542	Upper Eastside &	13132101	2	Jun 10, 2017	0.44	0.64	0.44	100.0%
18840901	317	1123	Zollinger/No Tel	13123020	8	Jun 08, 2017	1.74	1.74	1.74	100.0%
18840914	623	1494	BURNETT	13127750	5	Jun 09, 2017	0.40	0.40	0.40	100.0%
18840914	119	696	BURNETT	13127750	5	Jun 09, 2017	0.40	0.40	0.40	100.0%
18841012	205	557	BECK	13130525	4	Jun 10, 2017	1.76	2.57	1.76	100.0%
18841012	459	342	MOORE	13132050	4	Jun 10, 2017	0.58	0.85	0.58	100.0%
18841012	433	1081	MOORE	13132050	4	Jun 10, 2017	1.25	1.82	1.25	100.0%
18841012	70	341	MOORE	13132050	4	Jun 10, 2017	0.31	0.45	0.31	100.0%
18841012	317	385	SWAUGER	13127600	5	Jun 09, 2017	0.74	0.74	0.74	100.0%
18841012	314	1444	SWAUGER	13127600	5	Jun 09, 2017	3.30	3.30	3.30	100.0%

18841012	317	1460	SWAUGER	13127600	5	Jun 09, 2017	2.77	2.77	2.77	100.0%
18841012	347	1141	SWAUGER	13127600	5	Jun 09, 2017	0.22	0.22	0.22	100.0%
18841012	190	418	SWAUGER	13127600	5	Jun 09, 2017	0.11	0.11	0.11	100.0%
18841012	524	11	SWAUGER	13127600	5	Jun 09, 2017	2.78	2.78	2.78	100.0%
18841012	317	1485	SWAUGER	13127600	5	Jun 09, 2017	0.81	0.81	0.81	100.0%
18841012	603	1448	SWAUGER	13127600	5	Jun 09, 2017	0.80	0.80	0.80	100.0%
18841012	440	1256	DARLINGTON	13127735	5	Jun 09, 2017	0.75	0.75	0.75	100.0%
18841012	347	1141	SHARP	13126500	6	Jun 08, 2017	0.84	0.84	0.84	100.0%
18850218	381	806	DARLINGTON	13127735	5	Jun 09, 2017	0.79	0.79	0.79	100.0%
18850218	252	351	DARLINGTON	13127735	5	Jun 09, 2017	0.61	0.61	0.61	100.0%
18850218	660	1654	DARLINGTON	13127735	5	Jun 09, 2017	1.10	1.10	1.10	100.0%
18850218	411	805	DARLINGTON	13127735	5	Jun 09, 2017	1.65	1.65	1.65	100.0%
18850218	47	1383	DARLINGTON	13127735	5	Jun 09, 2017	2.00	2.00	2.00	100.0%
18850501	672	1630	Lower Eastside &	13132291	2	Jun 10, 2017	0.20	0.29	0.20	100.0%
18850501	672	1629	Lower Eastside &	13132291	2	Jun 10, 2017	1.80	2.62	1.80	100.0%
18850501	380	1177	Lower Eastside &	13132291	2	Jun 10, 2017	1.50	2.19	1.50	100.0%
18850501	426	887	ARCO	13132365	2	Jun 10, 2017	0.42	0.82	0.42	100.0%
18850501	423	87	Lower Eastside &	13132291	2	Jun 10, 2017	0.20	0.29	0.20	100.0%
18850501	423	186	Lower Eastside &	13132291	2	Jun 10, 2017	0.26	0.38	0.26	100.0%
18850501	468	59	ARCO	13132365	2	Jun 10, 2017	0.74	1.44	0.74	100.0%
18850501	675	1623	ARCO	13132365	2	Jun 10, 2017	0.22	0.43	0.22	100.0%
18850501	255	401	NEILSEN	13120805	9	Jun 07, 2017	0.50	0.50	0.50	100.0%
18850501	130	1285	NEILSEN	13120805	9	Jun 07, 2017	2.80	2.80	2.80	100.0%
18850512	192	1399	Upper Eastside &	13132101	2	Jun 10, 2017	0.20	0.29	0.20	100.0%
18850512	251	22	Upper Eastside &	13132101	2	Jun 10, 2017	0.74	1.08	0.74	100.0%
18850512	638	1399	Upper Eastside &	13132101	2	Jun 10, 2017	0.20	0.29	0.20	100.0%
18850515	359	1034	MOORE	13132050	4	Jun 10, 2017	1.48	2.16	1.48	100.0%
18850530	282	1190	SUTTER	13128105	5	Jun 09, 2017	0.20	0.20	0.20	100.0%
18850531	63	1354	MOORE	13132050	4	Jun 10, 2017	1.10	1.60	1.10	100.0%
18850531	411	827	DARLINGTON	13127735	5	Jun 09, 2017	3.20	3.20	3.20	100.0%
18850601	205	554	BECK	13130525	4	Jun 10, 2017	0.59	0.86	0.59	100.0%
18850601	15	859	MOORE	13132050	4	Jun 10, 2017	0.50	0.73	0.50	100.0%
18850601	212	315	DARLINGTON	13127735	5	Jun 09, 2017	0.94	0.94	0.94	100.0%
18850601	20	949	DARLINGTON	13127735	5	Jun 09, 2017	0.40	0.40	0.40	100.0%
18850601	139	728	DARLINGTON	13127735	5	Jun 09, 2017	2.60	2.60	2.60	100.0%
18850601	525	1464	BURNETT	13127750	5	Jun 09, 2017	1.54	1.54	1.54	100.0%
18850601	544	1184	SHARP	13126500	6	Jun 08, 2017	0.76	0.76	0.76	100.0%
18850601	280	1183	SHARP	13126500	6	Jun 08, 2017	1.16	1.16	1.16	100.0%
18850601	101	1201	NEILSEN	13120805	9	Jun 07, 2017	0.28	0.28	0.28	100.0%
18850630	525	491	BURNETT	13127750	5	Jun 09, 2017	2.96	2.96	2.96	100.0%
18851002	468	61	ARCO	13132365	2	Jun 10, 2017	3.60	7.00	3.60	100.0%
18851002	437	62	ARCO	13132365	2	Jun 10, 2017	1.54	2.99	1.54	100.0%
18851002	370	1592	ARCO	13132365	2	Jun 10, 2017	1.16	2.25	1.16	100.0%
18851002	93	726	ARCO	13132365	2	Jun 10, 2017	0.50	0.97	0.50	100.0%
18860407	1	1334	6X Ranch 1	13122805	8	Jun 08, 2017	3.20	3.20	3.20	100.0%
18860501	325	101	Lower Eastside &	13132291	2	Jun 10, 2017	4.20	6.12	4.20	100.0%
18860501	305	927	3IN1	13130605	4	Jun 10, 2017	0.86	1.26	0.86	100.0%
18860501	417	644	MOORE	13132050	4	Jun 10, 2017	1.20	1.75	1.20	100.0%
18860501	417	1050	MOORE	13132050	4	Jun 10, 2017	2.80	4.08	2.80	100.0%
18860512	634	1543	Upper Eastside &	13132101	2	Jun 10, 2017	0.41	0.60	0.41	100.0%
18860512	263	398	MOORE	13132050	4	Jun 10, 2017	0.18	0.26	0.18	100.0%
18860512	85	1588	MOORE	13132050	4	Jun 10, 2017	0.18	0.26	0.18	100.0%
18860512	96	459	MOORE	13132050	4	Jun 10, 2017	0.48	0.70	0.48	100.0%
18860601	482	867	Upper Eastside &	13132101	2	Jun 10, 2017	1.24	1.81	1.24	100.0%
18860601	69	881	Upper Eastside &	13132101	2	Jun 10, 2017	1.42	2.07	1.42	100.0%
18860601	16	1009	MOORE	13132050	4	Jun 10, 2017	2.52	3.67	2.52	100.0%
18860601	339	1010	MOORE	13132050	4	Jun 10, 2017	0.68	0.99	0.68	100.0%
18860601	357	1288	BURNETT	13127750	5	Jun 09, 2017	1.60	1.60	1.60	100.0%
18860601	307	1103	Mtn. Springs 1	13122920	8	Jun 08, 2017	0.80	0.80	0.80	100.0%
18860601	101	1102	Churn Dasher Ran	13123040	8	Jun 08, 2017	0.80	0.80	0.80	100.0%
18860630	330	231	Upper Eastside &	13132101	2	Jun 10, 2017	0.84	1.22	0.84	100.0%
18860721	336	294	BURNETT	13127750	5	Jun 09, 2017	0.80	0.80	0.80	100.0%
18860721	282	40	SUTTER	13128105	5	Jun 09, 2017	3.00	3.00	3.00	100.0%
18860901	256	759	MUNSEY	13132375	2	Jun 10, 2017	0.34	0.66	0.34	100.0%

18860901	256	931	MUNSEY	13132375	2	Jun 10, 2017	0.16	0.31	0.16	100.0%
18860901	256	758	MUNSEY	13132375	2	Jun 10, 2017	2.20	4.28	2.20	100.0%
18860901	165	1248	BURNETT	13127750	5	Jun 09, 2017	1.60	1.60	1.60	100.0%
18860901	605	955	Stoecklein 1	13124173	8	Jun 08, 2017	3.20	3.20	3.20	100.0%
18870302	45	1029	Lower Eastside &	13132291	2	Jun 10, 2017	0.80	1.17	0.80	100.0%
18870302	618	1449	MOORE	13132050	4	Jun 10, 2017	3.20	4.66	3.20	100.0%
18870302	618	1510	MOORE	13132050	4	Jun 10, 2017	0.94	1.37	0.94	100.0%
18870313	459	338	MOORE	13132050	4	Jun 10, 2017	0.42	0.61	0.42	100.0%
18870313	70	337	MOORE	13132050	4	Jun 10, 2017	0.23	0.34	0.23	100.0%
18870313	433	683	MOORE	13132050	4	Jun 10, 2017	0.70	1.02	0.70	100.0%
18870313	73	201	BURNETT	13127750	5	Jun 09, 2017	1.05	1.05	1.05	100.0%
18870313	73	202	BURNETT	13127750	5	Jun 09, 2017	0.65	0.65	0.65	100.0%
18870401	403	1058	NEILSEN	13120805	9	Jun 07, 2017	0.80	0.80	0.80	100.0%
18870420	1	1336	6X Ranch 1	13122805	8	Jun 08, 2017	3.30	3.30	3.30	100.0%
18870501	468	1309	ARCO	13132365	2	Jun 10, 2017	2.30	4.47	2.30	100.0%
18870601	423	76	Lower Eastside &	13132291	2	Jun 10, 2017	0.22	0.32	0.22	100.0%
18870601	423	1028	Lower Eastside &	13132291	2	Jun 10, 2017	1.24	1.81	1.24	100.0%
18870601	305	1351	3IN1	13130605	4	Jun 10, 2017	1.00	1.46	1.00	100.0%
18870601	252	353	DARLINGTON	13127735	5	Jun 09, 2017	0.43	0.43	0.43	100.0%
18870601	73	196	BURNETT	13127750	5	Jun 09, 2017	0.69	0.69	0.69	100.0%
18870601	139	845	BURNETT	13127750	5	Jun 09, 2017	0.30	0.30	0.30	100.0%
18870601	73	195	BURNETT	13127750	5	Jun 09, 2017	1.11	1.11	1.11	100.0%
18870601	317	1125	Zollinger/No Tel	13123020	8	Jun 08, 2017	1.69	1.69	1.69	100.0%
18870601	317	941	No Tellum 1	13123060	8	Jun 08, 2017	1.60	1.60	1.60	100.0%
18870601	483	1270	CHILLY	13121105	9	Jun 07, 2017	0.39	0.39	0.39	100.0%
18870601	483	1270	LONGHURST	13121505	9	Jun 07, 2017	2.01	2.01	2.01	100.0%
18870630	236	1428	BECK	13130525	4	Jun 10, 2017	0.80	1.17	0.80	100.0%
18870630	323	945	BURNETT	13127750	5	Jun 09, 2017	0.80	0.80	0.80	100.0%
18870630	490	1395	BURNETT	13127750	5	Jun 09, 2017	0.80	0.80	0.80	100.0%
18870630	165	980	BURNETT	13127750	5	Jun 09, 2017	0.80	0.80	0.80	100.0%
18870801	119	1166	BURNETT	13127750	5	Jun 09, 2017	0.27	0.27	0.27	100.0%
18870801	73	190	BURNETT	13127750	5	Jun 09, 2017	0.38	0.38	0.38	100.0%
18870801	623	1508	BURNETT	13127750	5	Jun 09, 2017	0.53	0.53	0.53	100.0%
18870801	73	189	BURNETT	13127750	5	Jun 09, 2017	0.62	0.62	0.62	100.0%
18870831	119	1154	BURNETT	13127750	5	Jun 09, 2017	1.20	1.20	1.20	100.0%
18870831	623	1507	BURNETT	13127750	5	Jun 09, 2017	1.20	1.20	1.20	100.0%
18880601	437	670	ARCO	13132365	2	Jun 10, 2017	0.33	0.64	0.33	100.0%
18880601	427	669	ARCO	13132365	2	Jun 10, 2017	0.81	1.57	0.81	100.0%
18880601	347	1138	SWAUGER	13127600	5	Jun 09, 2017	0.33	0.33	0.33	100.0%
18880601	201	1139	SWAUGER	13127600	5	Jun 09, 2017	0.98	0.98	0.98	100.0%
18880601	347	1138	SHARP	13126500	6	Jun 08, 2017	1.27	1.27	1.27	100.0%
18880601	56	1332	MACKAY DAM	13126000	7	Jun 08, 2017	3.20	3.20	3.20	100.0%
18880601	483	1271	CHILLY	13121105	9	Jun 07, 2017	0.19	0.19	0.19	100.0%
18880601	483	1271	LONGHURST	13121505	9	Jun 07, 2017	1.01	1.01	1.01	100.0%
18880601	629	1497	HOWELL	13120490	10	Jun 06, 2017	1.60	1.60	1.60	100.0%
18880630	236	1430	BECK	13130525	4	Jun 10, 2017	0.90	1.31	0.90	100.0%
18880801	442	750	MUNSEY	13132375	2	Jun 10, 2017	0.40	0.78	0.40	100.0%
18890601	599	1552	MOORE	13132050	4	Jun 10, 2017	0.35	0.51	0.35	100.0%
18890601	463	1396	MOORE	13132050	4	Jun 10, 2017	0.20	0.29	0.20	100.0%
18890601	652	1566	MOORE	13132050	4	Jun 10, 2017	0.50	0.73	0.50	100.0%
18890601	475	969	BURNETT	13127750	5	Jun 09, 2017	1.20	1.20	1.20	100.0%
18890601	119	996	BURNETT	13127750	5	Jun 09, 2017	0.40	0.40	0.40	100.0%
18890601	623	1503	BURNETT	13127750	5	Jun 09, 2017	0.80	0.80	0.80	100.0%
18890601	589	716	BURNETT	13127750	5	Jun 09, 2017	2.70	2.70	2.70	100.0%
18890601	336	979	BURNETT	13127750	5	Jun 09, 2017	1.26	1.26	1.26	100.0%
18900601	372	886	ARCO	13132365	2	Jun 10, 2017	0.59	1.15	0.59	100.0%
18900601	416	591	3IN1	13130605	4	Jun 10, 2017	0.75	1.09	0.75	100.0%
18900601	101	1213	Upper Fish Hatch	13124160	8	Jun 08, 2017	0.20	0.20	0.20	100.0%
18900801	101	1326	Johnson/Navarro	13124090	8	Jun 08, 2017	3.20	3.20	3.20	100.0%
18910531	498	778	BRADSHAW	13120705	9	Jun 07, 2017	0.24	0.24	0.24	100.0%
18910531	498	777	BRADSHAW	13120705	9	Jun 07, 2017	1.76	1.76	1.76	100.0%
18910630	205	555	BECK	13130525	4	Jun 10, 2017	0.99	1.44	0.99	100.0%
18910630	44	1253	MOORE	13132050	4	Jun 10, 2017	0.70	1.02	0.70	100.0%
18910630	2332	1255	MOORE	13132050	4	Jun 10, 2017	0.28	0.41	0.28	100.0%

18910630	2332	1254	MOORE	13132050	4	Jun 10, 2017	0.48	0.70	0.48	100.0%
18910630	44	1003	MOORE	13132050	4	Jun 10, 2017	0.76	1.11	0.76	100.0%
18910801	307	77	CHILLY	13121105	9	Jun 07, 2017	5.20	5.20	5.20	100.0%
18920501	101	719	Shoupe Ditch	13124195	8	Jun 08, 2017	2.00	2.00	2.00	100.0%
18921101	474	967	Upper Fish Hatch	13124160	8	Jun 08, 2017	1.45	1.45	1.45	100.0%
18930201	417	380	MOORE	13132050	4	Jun 10, 2017	0.22	0.32	0.22	100.0%
18930323	77	688	MOORE	13132050	4	Jun 10, 2017	1.50	2.19	1.50	100.0%
18930323	77	366	MOORE	13132050	4	Jun 10, 2017	1.60	2.33	1.60	100.0%
18930601	55	1381	Upper Fish Hatch	13124160	8	Jun 08, 2017	0.74	0.74	0.74	100.0%
18940310	357	15	BURNETT	13127750	5	Jun 09, 2017	0.70	0.70	0.70	100.0%
18940310	265	1223	BURNETT	13127750	5	Jun 09, 2017	2.80	2.80	2.80	100.0%
18940310	475	989	BURNETT	13127750	5	Jun 09, 2017	0.44	0.44	0.44	100.0%
18940310	386	268	SUTTER	13128105	5	Jun 09, 2017	0.02	0.02	0.02	100.0%
18940310	609	1496	CHILLY	13121105	9	Jun 07, 2017	2.60	2.60	2.60	100.0%
18940501	575	1372	Broken River Pum	13124050	8	Jun 08, 2017	2.98	2.98	2.98	100.0%
18940521	463	933	MOORE	13132050	4	Jun 10, 2017	0.80	1.17	0.80	100.0%
18940531	5	776	MOORE	13132050	4	Jun 10, 2017	0.20	0.29	0.20	100.0%
18940531	77	800	MOORE	13132050	4	Jun 10, 2017	0.74	1.08	0.74	100.0%
18940601	482	1301	Upper Eastside &	13132101	2	Jun 10, 2017	0.36	0.52	0.36	100.0%
18940601	223	1363	Upper Eastside &	13132101	2	Jun 10, 2017	3.20	4.66	3.20	100.0%
18940601	417	379	MOORE	13132050	4	Jun 10, 2017	0.15	0.22	0.15	100.0%
18940601	317	1534	SWAUGER	13127600	5	Jun 09, 2017	0.11	0.11	0.11	100.0%
18940601	390	408	SHARP	13126500	6	Jun 08, 2017	0.05	0.05	0.05	100.0%
18940601	307	39	CHILLY	13121105	9	Jun 07, 2017	1.20	1.20	1.20	100.0%
18940926	252	357	DARLINGTON	13127735	5	Jun 09, 2017	0.30	0.30	0.30	100.0%
18940926	381	866	DARLINGTON	13127735	5	Jun 09, 2017	0.38	0.38	0.38	100.0%
18950101	683	333	HARRIS-VAUGHT	13127751	5	Jun 09, 2017	1.10	1.10	1.10	100.0%
18950501	307	619	NEILSEN	13120805	9	Jun 07, 2017	3.20	3.20	3.20	100.0%
18950601	180	1343	Upper Eastside &	13132101	2	Jun 10, 2017	0.80	1.17	0.80	100.0%
18950601	417	378	MOORE	13132050	4	Jun 10, 2017	0.10	0.15	0.10	100.0%
18950601	589	714	BURNETT	13127750	5	Jun 09, 2017	1.14	1.14	1.14	100.0%
18950601	445	411	NEILSEN	13120805	9	Jun 07, 2017	0.02	0.02	0.02	100.0%
18950601	445	410	NEILSEN	13120805	9	Jun 07, 2017	0.18	0.18	0.18	100.0%
18950610	416	592	3IN1	13130605	4	Jun 10, 2017	2.25	3.28	2.25	100.0%
18950630	265	1224	BURNETT	13127750	5	Jun 09, 2017	2.62	2.62	2.62	100.0%
18960330	1	1335	6X Ranch 1	13122805	8	Jun 08, 2017	3.20	3.20	3.20	100.0%
18960601	144	53	Lower Eastside &	13132291	2	Jun 10, 2017	1.47	2.14	1.47	100.0%
18960601	192	1405	Upper Eastside &	13132101	2	Jun 10, 2017	0.04	0.05	0.04	100.0%
18960601	45	998	Lower Eastside &	13132291	2	Jun 10, 2017	0.10	0.15	0.10	100.0%
18960601	638	1405	Upper Eastside &	13132101	2	Jun 10, 2017	0.04	0.05	0.04	100.0%
18960601	144	741	Lower Eastside &	13132291	2	Jun 10, 2017	0.70	1.02	0.70	100.0%
18960601	180	278	Upper Eastside &	13132101	2	Jun 10, 2017	0.41	0.60	0.41	100.0%
18960601	417	992	MOORE	13132050	4	Jun 10, 2017	1.20	1.75	1.20	100.0%
18960601	339	1118	MOORE	13132050	4	Jun 10, 2017	1.57	2.29	1.57	100.0%
18960601	13	1119	MOORE	13132050	4	Jun 10, 2017	0.40	0.58	0.40	100.0%
18960601	15	1106	MOORE	13132050	4	Jun 10, 2017	1.17	1.71	1.17	100.0%
18960601	263	399	MOORE	13132050	4	Jun 10, 2017	0.27	0.39	0.27	100.0%
18960601	463	128	MOORE	13132050	4	Jun 10, 2017	1.60	2.33	1.60	100.0%
18960601	417	381	MOORE	13132050	4	Jun 10, 2017	2.40	3.50	2.40	100.0%
18960601	96	457	MOORE	13132050	4	Jun 10, 2017	0.92	1.34	0.92	100.0%
18960601	459	993	MOORE	13132050	4	Jun 10, 2017	0.40	0.58	0.40	100.0%
18960601	2334	1495	MOORE	13132050	4	Jun 10, 2017	2.40	3.50	2.40	100.0%
18960601	652	1567	MOORE	13132050	4	Jun 10, 2017	0.32	0.47	0.32	100.0%
18960601	263	397	MOORE	13132050	4	Jun 10, 2017	0.35	0.51	0.35	100.0%
18960601	85	1521	MOORE	13132050	4	Jun 10, 2017	0.23	0.34	0.23	100.0%
18960601	85	1522	MOORE	13132050	4	Jun 10, 2017	0.14	0.20	0.14	100.0%
18960601	96	461	MOORE	13132050	4	Jun 10, 2017	0.09	0.13	0.09	100.0%
18960601	381	1180	DARLINGTON	13127735	5	Jun 09, 2017	1.15	1.15	1.15	100.0%
18960601	252	359	DARLINGTON	13127735	5	Jun 09, 2017	0.89	0.89	0.89	100.0%
18960601	56	118	MACKAY DAM	13126000	7	Jun 08, 2017	6.40	6.40	6.40	100.0%
18960801	327	1137	MUNSEY	13132375	2	Jun 10, 2017	2.00	3.89	2.00	100.0%
18960801	252	363	DARLINGTON	13127735	5	Jun 09, 2017	1.32	1.32	1.14	86.4%
18960801	280	1186	SHARP	13126500	6	Jun 08, 2017	0.10	0.10	0.10	100.0%
18960901	437	671	ARCO	13132365	2	Jun 10, 2017	0.13	0.25	0.13	100.0%

18960901	427	672	ARCO	13132365	2	Jun 10, 2017	0.32	0.62	0.32	100.0%
18960928	392	840	MUNSEY	13132375	2	Jun 10, 2017	3.86	7.50	3.86	100.0%
18960928	150	216	MUNSEY	13132375	2	Jun 10, 2017	0.03	0.06	0.03	100.0%
18960928	150	215	MUNSEY	13132375	2	Jun 10, 2017	1.97	3.83	1.97	100.0%
18960928	407	307	MUNSEY	13132375	2	Jun 10, 2017	0.51	0.99	0.51	100.0%
18970510	427	6	ARCO	13132365	2	Jun 10, 2017	3.93	7.65	3.93	100.0%
18970510	437	664	ARCO	13132365	2	Jun 10, 2017	1.74	3.38	1.74	100.0%
18970510	73	191	BURNETT	13127750	5	Jun 09, 2017	0.92	0.92	0.92	100.0%
18970510	73	192	BURNETT	13127750	5	Jun 09, 2017	0.20	0.20	0.20	100.0%
18970515	604	43	Lower Eastside &	13132291	2	Jun 10, 2017	1.34	1.96	1.34	100.0%
18970515	130	1286	NEILSEN	13120805	9	Jun 07, 2017	2.00	2.00	2.00	100.0%
18970601	524	1156	SWAUGER	13127600	5	Jun 09, 2017	3.20	3.20	3.20	100.0%
18970615	144	744	Lower Eastside &	13132291	2	Jun 10, 2017	0.24	0.35	0.24	100.0%
18970615	180	280	Upper Eastside &	13132101	2	Jun 10, 2017	0.13	0.19	0.13	100.0%
18970630	307	483	Mtn. Springs 1	13122920	8	Jun 08, 2017	2.40	2.40	2.40	100.0%
18980601	638	1406	Upper Eastside &	13132101	2	Jun 10, 2017	0.65	0.95	0.65	100.0%
18980601	192	1406	Upper Eastside &	13132101	2	Jun 10, 2017	0.09	0.13	0.09	100.0%
18980601	437	1310	ARCO	13132365	2	Jun 10, 2017	0.50	0.97	0.50	100.0%
18980601	483	1274	CHILLY	13121105	9	Jun 07, 2017	0.39	0.39	0.39	100.0%
18980601	483	1274	LONGHURST	13121505	9	Jun 07, 2017	2.01	2.01	2.01	100.0%
18980901	344	820	ARCO	13132365	2	Jun 10, 2017	0.06	0.12	0.06	100.0%
18980901	122	821	ARCO	13132365	2	Jun 10, 2017	0.10	0.19	0.10	100.0%
18980901	268	562	ARCO	13132365	2	Jun 10, 2017	1.57	3.05	1.57	100.0%
18980901	344	597	ARCO	13132365	2	Jun 10, 2017	0.04	0.08	0.04	100.0%
18981101	307	1105	Mtn. Springs 1	13122920	8	Jun 08, 2017	0.50	0.50	0.50	100.0%
18981101	101	1104	Churn Dasher Ran	13123040	8	Jun 08, 2017	0.50	0.50	0.50	100.0%
18990101	185	1639	Upper Eastside &	13132101	2	Jun 10, 2017	0.92	1.34	0.92	100.0%
18990327	604	437	Lower Eastside &	13132291	2	Jun 10, 2017	0.13	0.19	0.13	100.0%
18990327	604	41	Lower Eastside &	13132291	2	Jun 10, 2017	0.84	1.22	0.84	100.0%
18990327	180	468	Upper Eastside &	13132101	2	Jun 10, 2017	0.05	0.07	0.05	100.0%
18990327	433	272	MOORE	13132050	4	Jun 10, 2017	0.48	0.70	0.48	100.0%
18990327	459	1090	MOORE	13132050	4	Jun 10, 2017	0.60	0.87	0.60	100.0%
18990327	459	1477	MOORE	13132050	4	Jun 10, 2017	0.01	0.01	0.01	100.0%
18990509	442	1364	MUNSEY	13132375	2	Jun 10, 2017	2.80	5.44	2.80	100.0%
18990518	151	1044	BURNETT	13127750	5	Jun 09, 2017	0.15	0.15	0.15	100.0%
18990518	138	443	BURNETT	13127750	5	Jun 09, 2017	0.02	0.02	0.02	100.0%
18990601	201	705	SWAUGER	13127600	5	Jun 09, 2017	0.28	0.28	0.28	100.0%
18990601	490	981	BURNETT	13127750	5	Jun 09, 2017	0.80	0.80	0.80	100.0%
18990601	165	982	BURNETT	13127750	5	Jun 09, 2017	0.68	0.68	0.68	100.0%
18990601	130	1076	NEILSEN	13120805	9	Jun 07, 2017	0.60	0.60	0.60	100.0%
18990601	307	72	NEILSEN	13120805	9	Jun 07, 2017	2.74	2.74	2.74	100.0%
18990901	442	1374	MUNSEY	13132375	2	Jun 10, 2017	0.80	1.55	0.80	100.0%
19000323	77	44	MOORE	13132050	4	Jun 10, 2017	0.30	0.44	0.30	100.0%
19000601	386	270	SUTTER	13128105	5	Jun 09, 2017	0.08	0.08	0.08	100.0%
19001101	310	833	CHILLY	13121105	9	Jun 07, 2017	6.40	6.40	6.40	100.0%
19010731	1	1337	6X Ranch 1	13122805	8	Jun 08, 2017	1.24	1.24	1.24	100.0%
19010731	130	1284	Donahue 2	13122950	8	Jun 08, 2017	3.20	3.20	3.20	100.0%
19010901	459	340	MOORE	13132050	4	Jun 10, 2017	0.23	0.34	0.23	100.0%
19010901	433	685	MOORE	13132050	4	Jun 10, 2017	0.50	0.73	0.50	100.0%
19010901	70	339	MOORE	13132050	4	Jun 10, 2017	0.10	0.15	0.10	100.0%
19010901	138	439	BURNETT	13127750	5	Jun 09, 2017	0.02	0.02	0.02	100.0%
19011001	263	396	MOORE	13132050	4	Jun 10, 2017	0.14	0.20	0.14	100.0%
19020103	548	1436	BRADSHAW	13120705	9	Jun 07, 2017	2.60	2.60	2.60	100.0%
19020201	638	1401	Upper Eastside &	13132101	2	Jun 10, 2017	0.20	0.29	0.20	100.0%
19020301	15	81	MOORE	13132050	4	Jun 10, 2017	0.20	0.29	0.20	100.0%
19020301	13	1122	MOORE	13132050	4	Jun 10, 2017	0.31	0.44	0.31	100.0%
19020301	56	1338	MACKAY DAM	13126000	7	Jun 08, 2017	0.80	0.80	0.80	100.0%
19020301	307	308	NEILSEN	13120805	9	Jun 07, 2017	0.90	0.90	0.90	100.0%
19020301	310	836	CHILLY	13121105	9	Jun 07, 2017	0.80	0.80	0.80	100.0%
19020301	307	676	CHILLY	13121105	9	Jun 07, 2017	3.85	3.85	3.85	100.0%
19020301	373	24	CHILLY	13121105	9	Jun 07, 2017	1.60	1.60	1.60	100.0%
19020301	307	834	CHILLY	13121105	9	Jun 07, 2017	2.40	2.40	2.40	100.0%
19020301	483	1500	CHILLY	13121105	9	Jun 07, 2017	1.60	1.60	1.60	100.0%
19020301	364	952	CHILLY	13121105	9	Jun 07, 2017	3.20	3.20	3.20	100.0%

19020301	609	1492	CHILLY	13121105	9	Jun 07, 2017	3.40	3.40	3.40	100.0%
19020304	129	1062	CHILLY	13121105	9	Jun 07, 2017	3.20	3.20	3.20	100.0%
19020401	403	1057	NEILSEN	13120805	9	Jun 07, 2017	0.80	0.80	0.80	100.0%
19020415	483	376	LONGHURST	13121505	9	Jun 07, 2017	8.80	8.80	8.80	100.0%
19020501	170	1008	MOORE	13132050	4	Jun 10, 2017	1.38	2.01	1.38	100.0%
19020501	310	631	CHILLY	13121105	9	Jun 07, 2017	1.60	1.60	1.60	100.0%
19020501	629	1498	HOWELL	13120490	10	Jun 06, 2017	0.62	0.62	0.62	100.0%
19020601	339	1015	MOORE	13132050	4	Jun 10, 2017	0.66	0.96	0.66	100.0%
19020601	16	1014	MOORE	13132050	4	Jun 10, 2017	0.92	1.34	0.92	100.0%
19020601	501	84	Zollinger 1	13122245	8	Jun 08, 2017	3.70	3.70	3.70	100.0%
19020601	154	838	Freeman Ditch	13124165	8	Jun 08, 2017	1.50	1.50	1.50	100.0%
19020701	548	1435	BRADSHAW	13120705	9	Jun 07, 2017	1.70	1.70	1.70	100.0%
19030224	364	953	CHILLY	13121105	9	Jun 07, 2017	1.60	1.60	1.60	100.0%
19030401	317	1127	Zollinger/No Tel	13123020	8	Jun 08, 2017	1.74	1.74	1.74	100.0%
19030401	364	970	Upper Fish Hatch	13124160	8	Jun 08, 2017	1.60	1.60	1.60	100.0%
19040517	16	1074	MOORE	13132050	4	Jun 10, 2017	1.46	2.13	1.46	100.0%
19040526	386	269	SUTTER	13128105	5	Jun 09, 2017	0.08	0.08	0.08	100.0%
19040601	201	1414	SWAUGER	13127600	5	Jun 09, 2017	0.02	0.02	0.02	100.0%
19040620	483	1514	CHILLY	13121105	9	Jun 07, 2017	1.40	1.40	1.40	100.0%
19041222	1	416	6X Ranch Navarre	13124357	8	Jun 08, 2017	1.40	1.40	1.40	100.0%
19050501	575	891	Broken River Pum	13124050	8	Jun 08, 2017	1.02	1.02	1.02	100.0%
19050501	101	1216	Upper Fish Hatch	13124160	8	Jun 08, 2017	0.13	0.13	0.13	100.0%
19050501	498	779	BRADSHAW	13120705	9	Jun 07, 2017	0.62	0.62	0.62	100.0%
19050501	498	780	BRADSHAW	13120705	9	Jun 07, 2017	0.02	0.02	0.02	100.0%
19050501	101	1204	NEILSEN	13120805	9	Jun 07, 2017	0.65	0.65	0.65	100.0%
19050501	101	1370	NEILSEN	13120805	9	Jun 07, 2017	0.82	0.82	0.82	100.0%
19050501	130	74	NEILSEN	13120805	9	Jun 07, 2017	1.30	1.30	1.30	100.0%
19050501	255	402	NEILSEN	13120805	9	Jun 07, 2017	0.50	0.50	0.50	100.0%
19050501	358	1264	NEILSEN	13120805	9	Jun 07, 2017	3.00	3.00	3.00	100.0%
19050501	403	1196	NEILSEN	13120805	9	Jun 07, 2017	0.40	0.40	0.40	100.0%
19050501	403	811	NEILSEN	13120805	9	Jun 07, 2017	0.30	0.30	0.30	100.0%
19050501	364	690	CHILLY	13121105	9	Jun 07, 2017	1.10	1.10	1.10	100.0%
19050501	129	1063	CHILLY	13121105	9	Jun 07, 2017	0.80	0.80	0.80	100.0%
19050501	310	115	CHILLY	13121105	9	Jun 07, 2017	1.90	1.90	1.90	100.0%
19050501	364	629	CHILLY	13121105	9	Jun 07, 2017	0.40	0.40	0.40	100.0%
19050501	373	432	CHILLY	13121105	9	Jun 07, 2017	0.58	0.58	0.58	100.0%
19050501	483	1501	LONGHURST	13121505	9	Jun 07, 2017	0.61	0.61	0.61	100.0%
19050905	629	1499	HOWELL	13120490	10	Jun 06, 2017	2.58	2.58	2.58	100.0%
19060501	185	392	Upper Eastside &	13132101	2	Jun 10, 2017	0.19	0.28	0.19	100.0%
19060620	364	691	CHILLY	13121105	9	Jun 07, 2017	0.50	0.50	0.50	100.0%
19060630	483	1513	LONGHURST	13121505	9	Jun 07, 2017	1.08	1.08	1.08	100.0%
19070501	575	322	NEILSEN	13120805	9	Jun 07, 2017	1.48	1.48	1.48	100.0%
19070501	358	321	NEILSEN	13120805	9	Jun 07, 2017	1.52	1.52	1.52	100.0%
19070508	483	1276	LONGHURST	13121505	9	Jun 07, 2017	1.30	1.30	1.30	100.0%
19080401	314	73	NEILSEN	13120805	9	Jun 07, 2017	2.04	2.04	2.04	100.0%
19080401	483	848	LONGHURST	13121505	9	Jun 07, 2017	2.10	2.10	2.10	100.0%
19080715	364	692	CHILLY	13121105	9	Jun 07, 2017	0.50	0.50	0.50	100.0%
19081207	459	344	MOORE	13132050	4	Jun 10, 2017	0.33	0.48	0.33	100.0%
19100501	131	69	Donahue 1	13122230	8	Jun 08, 2017	0.88	0.88	0.88	100.0%
19100501	307	70	Mtn. Springs 1	13122920	8	Jun 08, 2017	5.52	5.52	5.52	100.0%
19100501	101	1210	NEILSEN	13120805	9	Jun 07, 2017	0.75	0.75	0.75	100.0%
19100601	129	1064	CHILLY	13121105	9	Jun 07, 2017	0.80	0.80	0.80	100.0%
19120227	364	954	CHILLY	13121105	9	Jun 07, 2017	0.80	0.80	0.80	100.0%
19120327	101	720	Shoupe Ditch	13124195	8	Jun 08, 2017	1.20	1.20	1.20	100.0%
19120401	483	13	LONGHURST	13121505	9	Jun 07, 2017	1.71	1.71	1.71	100.0%
19120501	310	632	CHILLY	13121105	9	Jun 07, 2017	0.80	0.80	0.80	100.0%
19120513	101	1069	NEILSEN	13120805	9	Jun 07, 2017	1.60	1.60	1.60	100.0%
19120830	255	400	NEILSEN	13120805	9	Jun 07, 2017	0.03	0.03	0.03	100.0%
19121014	403	813	NEILSEN	13120805	9	Jun 07, 2017	2.10	2.10	2.10	100.0%
19121014	130	75	NEILSEN	13120805	9	Jun 07, 2017	1.70	1.70	1.70	100.0%
19121014	403	1197	NEILSEN	13120805	9	Jun 07, 2017	2.40	2.40	2.40	100.0%
19131206	575	1379	NEILSEN	13120805	9	Jun 07, 2017	1.72	1.72	1.72	100.0%
19131224	373	25	CHILLY	13121105	9	Jun 07, 2017	1.60	1.60	1.60	100.0%
19140601	445	412	NEILSEN	13120805	9	Jun 07, 2017	0.18	0.18	0.18	100.0%

19140601	445	413	NEILSEN	13120805	9	Jun 07, 2017	0.02	0.02	0.02	100.0%
19150504	373	434	CHILLY	13121105	9	Jun 07, 2017	0.59	0.59	0.59	100.0%
19150504	310	636	CHILLY	13121105	9	Jun 07, 2017	0.42	0.42	0.42	100.0%
19160501	101	1371	NEILSEN	13120805	9	Jun 07, 2017	1.58	1.58	1.58	100.0%
19160501	310	634	CHILLY	13121105	9	Jun 07, 2017	0.80	0.80	0.80	100.0%
19160501	373	26	CHILLY	13121105	9	Jun 07, 2017	0.41	0.41	0.41	100.0%
19160501	129	633	CHILLY	13121105	9	Jun 07, 2017	0.80	0.80	0.80	100.0%
19160601	501	679	Zollinger 1	13122245	8	Jun 08, 2017	1.36	1.36	1.36	100.0%
19170620	307	71	NEILSEN	13120805	9	Jun 07, 2017	0.80	0.80	0.80	100.0%
19191224	317	1133	Zollinger/No Tel	13123020	8	Jun 08, 2017	0.27	0.27	0.27	100.0%
19200601	150	217	MUNSEY	13132375	2	Jun 10, 2017	0.79	1.54	0.79	100.0%
19200601	150	218	MUNSEY	13132375	2	Jun 10, 2017	0.01	0.02	0.01	100.0%
19230316	575	1661	Gates Pump 2	13124340	8	Jun 08, 2017	1.80	1.80	1.20	66.7%
19240806	417	695	MOORE	13132050	4	Jun 10, 2017	0.50	0.73	0.50	100.0%
19600824	185	390	Upper Eastside &	13132101	2	Jun 10, 2017	0.11	0.16	0.11	100.0%
19740402	150	220	MUNSEY	13132375	2	Jun 10, 2017	0.02	0.04	0.02	100.0%
19760415	327	1234	MUNSEY	13132375	2	Jun 10, 2017	4.38	8.51	4.38	100.0%
19760505	441	1232	MUNSEY	13132375	2	Jun 10, 2017	16.00	31.10	16.00	100.0%
19950203	476	1272	3IN1	13130605	4	Jun 10, 2017	33.30	48.53	33.30	100.0%
19950203	476	1272	MOORE	13132050	4	Jun 10, 2017	15.20	22.15	15.20	100.0%
19950411	476	1273	BURNETT	13127750	5	Jun 09, 2017	25.66	25.66	25.66	100.0%
19950411	476	1273	CHILLY	13121105	9	Jun 07, 2017	11.00	11.00	11.00	100.0%
20090101	56	1660	MACKAY DAM	13126000	7	Jun 08, 2017	10000.00	10000.00	2279.59	22.8%