

Big Wood River
Ground Water Management Area
Advisory Committee
2022 Activity Report

Northwest River Forecast Center

Water Supply Forecasts

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- ENSO / Runoff
- Adjustments
- Verification
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- Help

Choose Date: Archive:

BIG WOOD - AT HAILEY (HALI1)
Forecasts for Water Year 2023

Official Water Supply

ESP with 10 Days QPF Ensemble: 2023-03-27 Issued: 2023-03-27

Forecast Period	Forecasts Are in KAF				30 Year Average (1991-2020)
	90 %	50 %	% Average	10 %	
APR-SEP	242	292	114	357	257
APR-JUL	211	260	112	307	232
JAN-SEP	265	316	109	381	289
JAN-JUL	235	284	108	331	263
OCT-SEP	291	342	106	407	321

Experimental Water Supply

HEFS with 15 days EQPF Ensemble: 2023-03-27 Issued: 2023-03-27

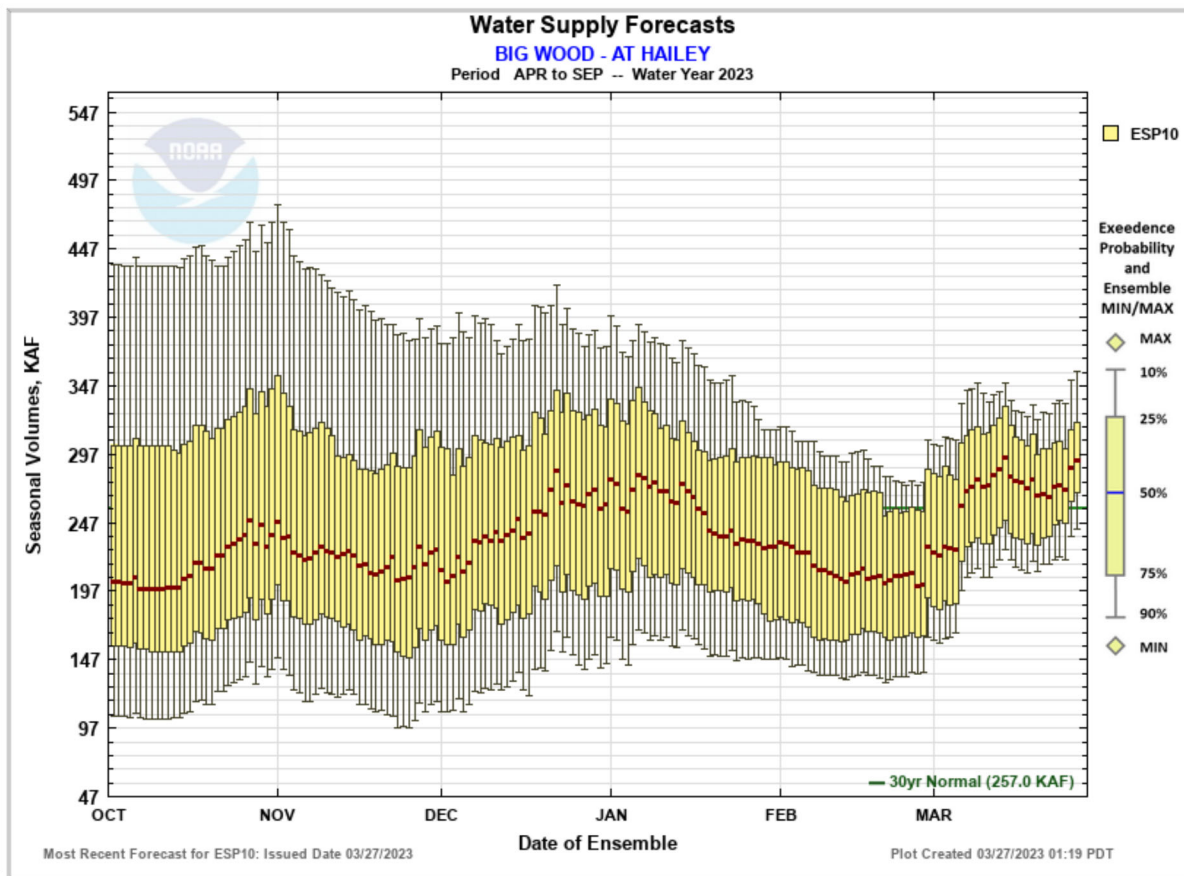
APR-SEP	227	288	112	346	257
APR-JUL	198	254	110	301	232
JAN-SEP	251	311	108	370	289
JAN-JUL	222	278	106	324	263
OCT-SEP	277	337	105	396	321

Reference

ESP with 0 Days QPF Ensemble: 2023-03-27 Issued: 2023-03-27

APR-SEP	212	276	107	326	257
APR-JUL	185	243	105	291	232
JAN-SEP	236	300	104	350	289
JAN-JUL	209	267	101	315	263
OCT-SEP	261	325	101	376	321

Move the mouse over the desired "Forecast Period" to display a graph.



- Max Scale
- Scale To Data
- Scale To Last 45 Days
- Show Min/Max Ensemble Volume
- Show Tooltips Help

Overlay

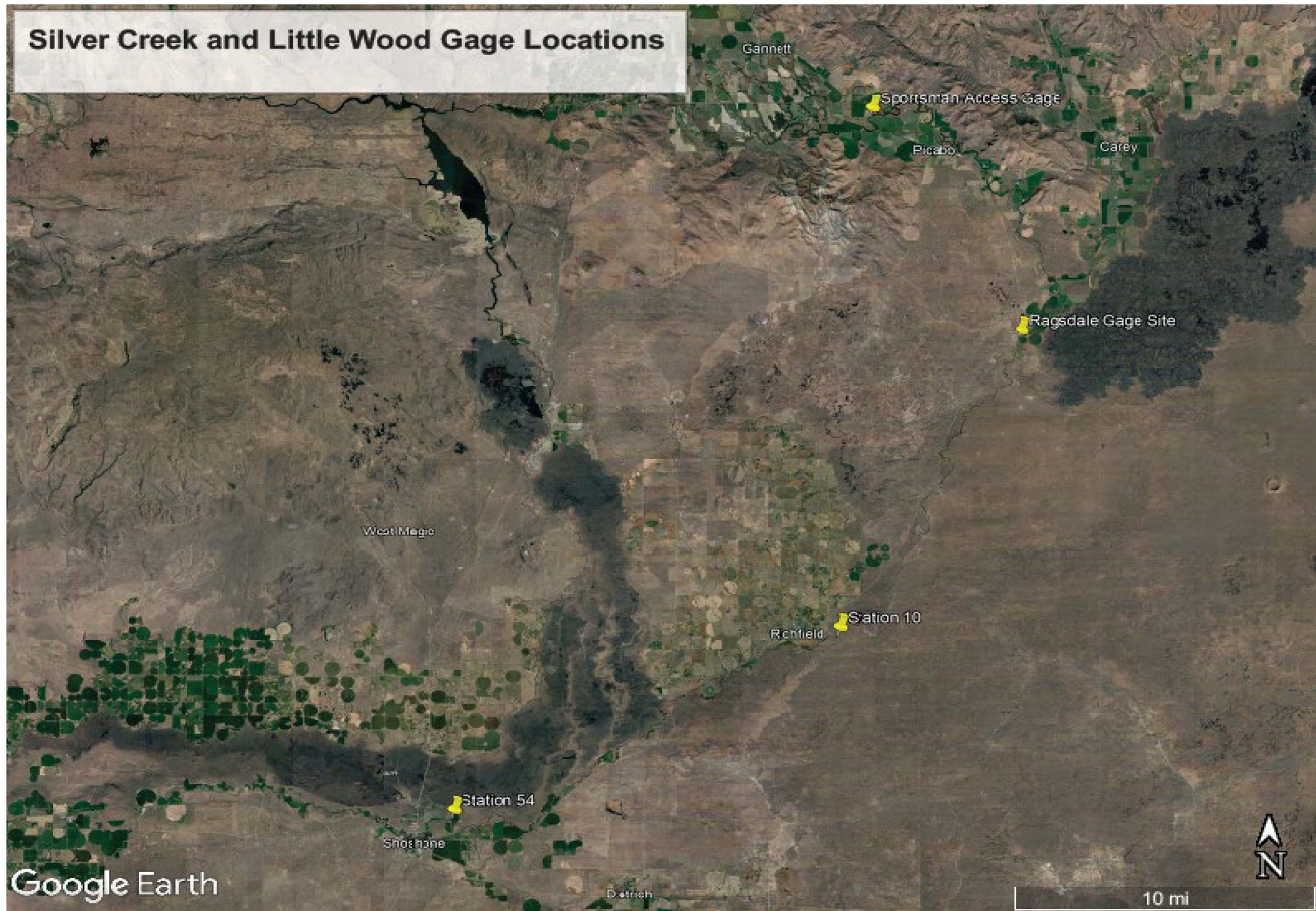
ESP10 HEFS ESPO

Data Files

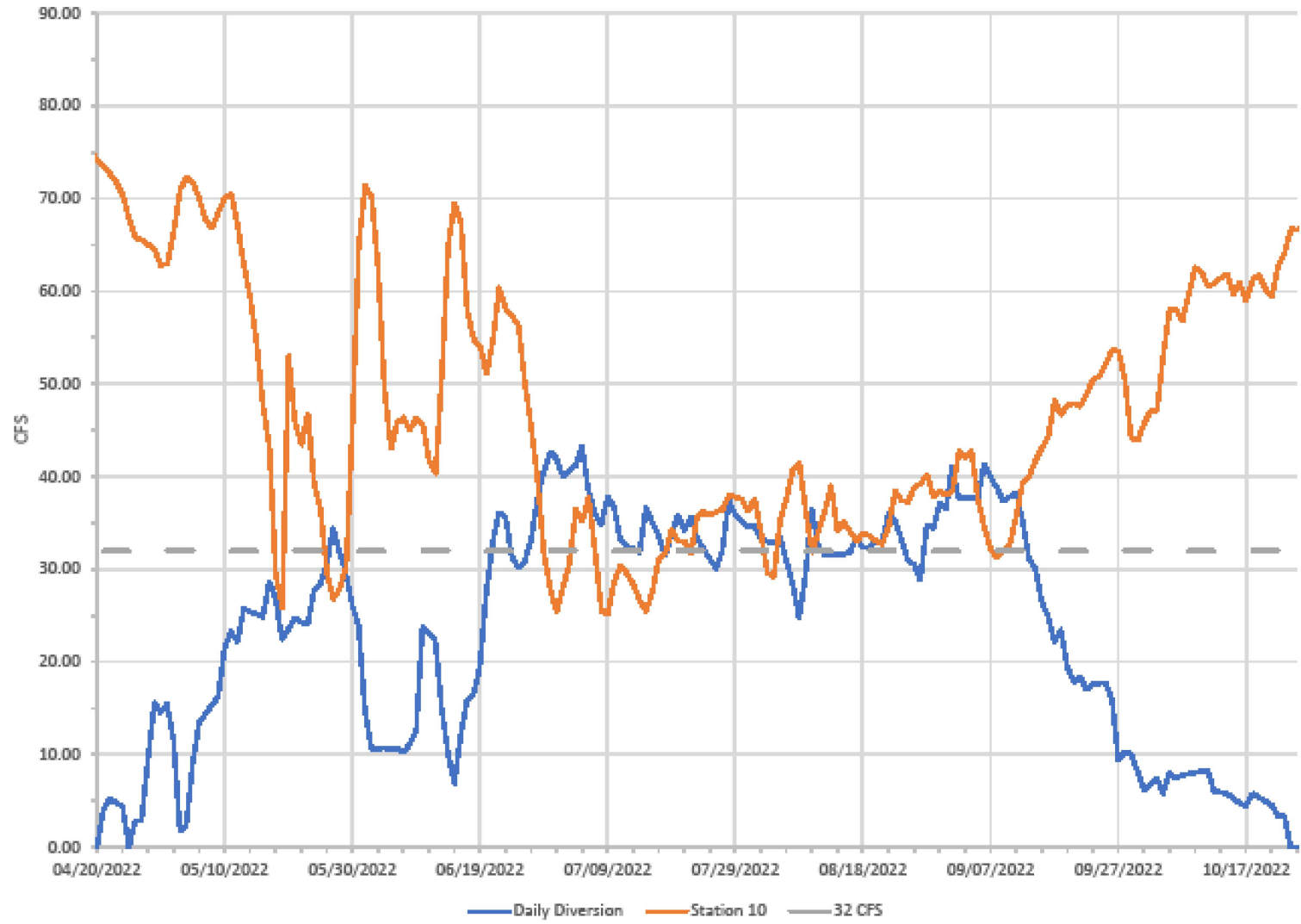
[CSV \(ESP10 / APR-SEP\)](#)

[Forecast Ensemble](#)

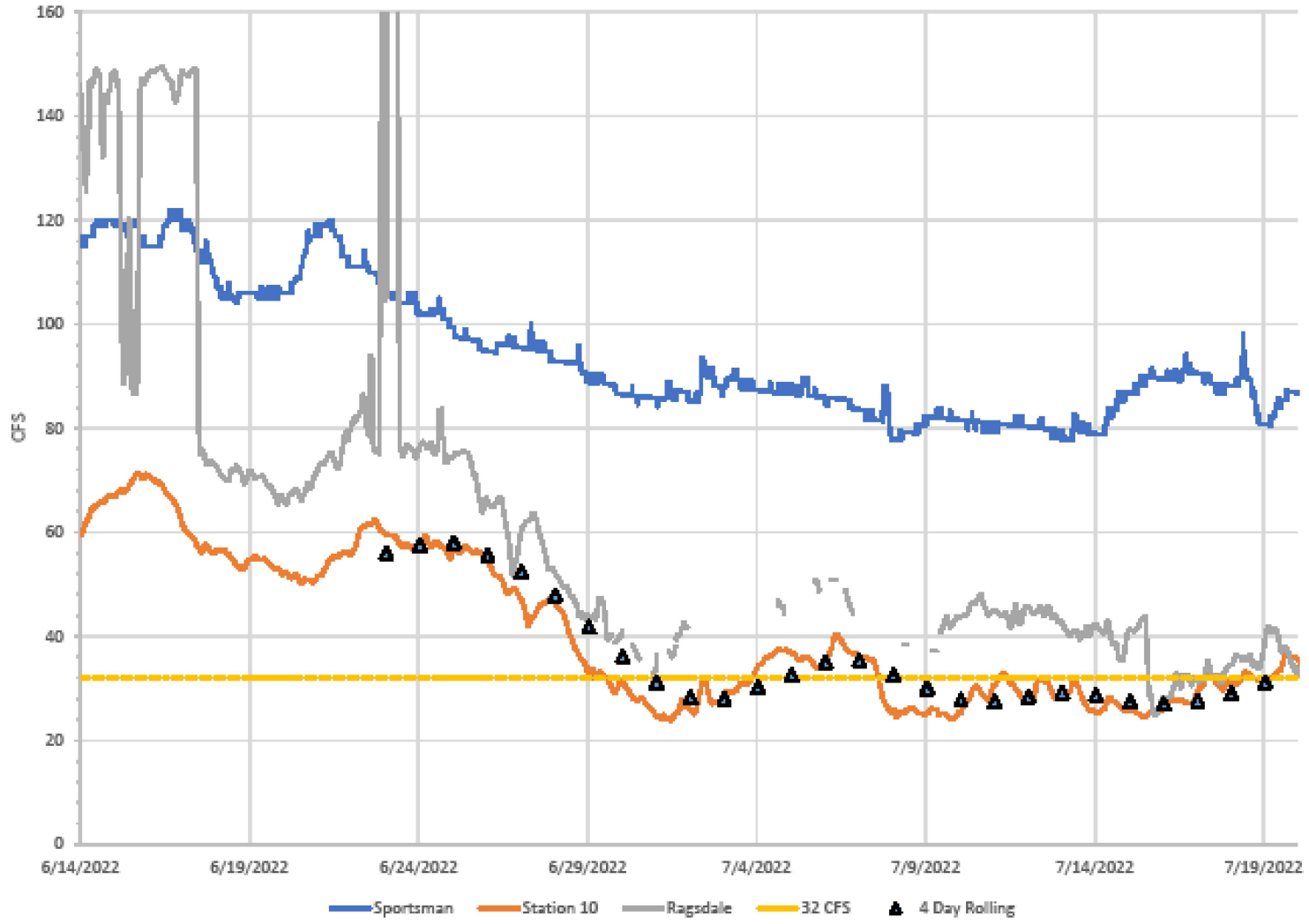
Silver Creek and Little Wood Gage Locations



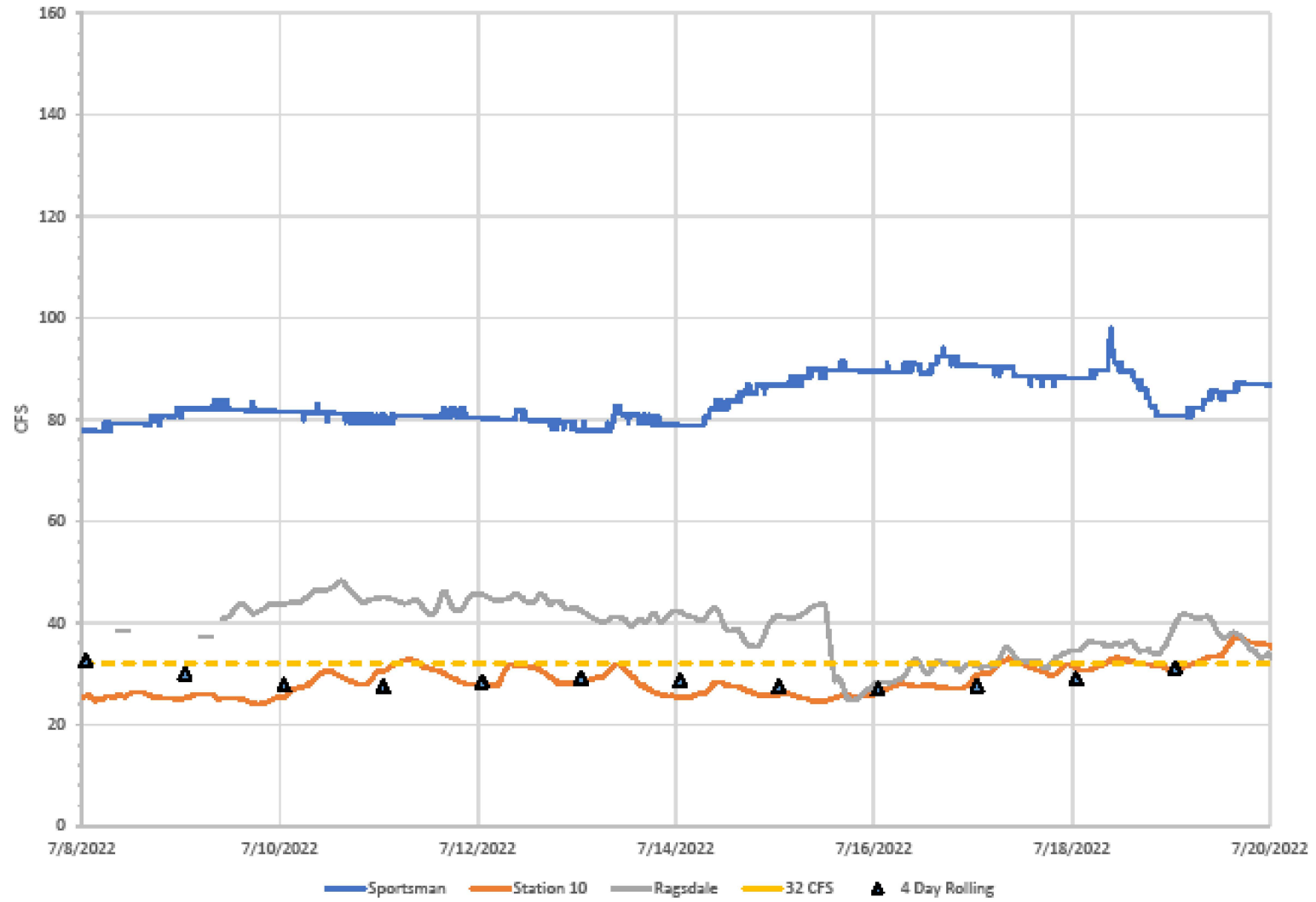
BWLWWUA 2022 Daily Diversions v Gage 10 Discharge



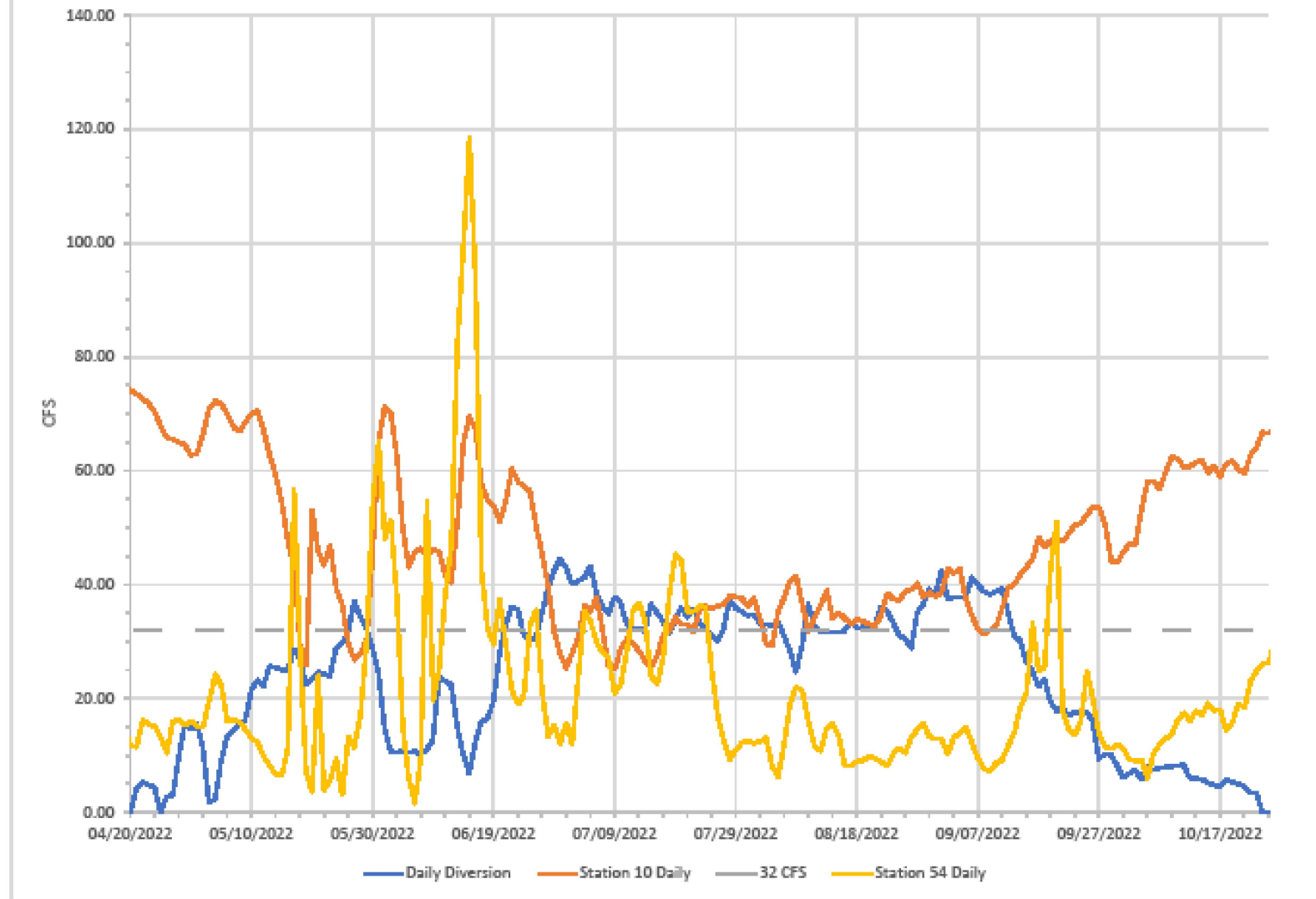
Silver Creek/Little Wood Discharge



Silver Creek/Little Wood Discharge



BWLWWUA 2022 Daily Diversions v Gage 10 Discharge



2022 Little Wood Total Diversions

Owner	Diversion Name	Water Rights			Diversion Rates			2022 Max Diversion
		5-5-1884 and Earlier	Junior to 5-5-1884	Cottonwood Decree	Early CFS	Junior CFS	Cottonwood CFS	CFS
Above Station 54								
Hubsmith	McNulty	37-472			1.20			1.20
Matheney	Appell 60	37-471	37-1125		2.00	3.20		2.00
Larsen	Caldwell 82-P	37-177D	37-2242	37-58L	0.20	0.47	0.32	0.47
Seven Mile Ranch LLC	Hughes 63-64P1 & Hughes 63-64P2	37-321	37-59A		3.00	4.68		2.34
Ritter	Ritter 65P & 66P	37-49			4.20			4.00
Taber	Taber 66 P1 & P2	37-423 37-424	37-425	37-59B	2.50	2.20	4.16	8.58
Above 54 Totals					13.10	5.87	9.14	18.59
Below Station 54								
Huyser	Huyser 68P 1 & 2	37-10561A 37-10561B	37-59K		6.20	21.78		8.88
Newell	Mabutt Newel	37-432		37-59G	2.60		1.37	3.77
Barbara Farms	Meyers 73-75	37-344A 37-973	37-59D		6.00	0.38		7.81
Arkoosh	McFall Arkoosh	37-460 37-461		37-10343	5.40		10.87	4.48
Arkoosh	Hunter Arkoosh	37-327 37-329		37-59M	4.20	2.30		4.01
Arkoosh	Varin Arkoosh	37-326	37-328 37-1127	37-21485	0.40	2.20	0.13	2.23
Arkoosh	Glanbia Arkoosh	37-176 37-1131			4.40			3.68
Blw 54 Totals					12.60	18.80	36.81	34.84
Grand Total					25.70	24.67	45.75	53.43

2022 Annual storage/agreement water delivery amounts and locations

AFRD2 Milner-Gooding Canal (agreement water source)

April 20, 2022	ON
August 2, 2022	80%
September 6, 2022	60%
October 4, 2022	OFF

Silver Creek/Little Wood Based on flows at Station 54 & AFRD2 available delivery

Amount Acquired (AF)	1,755.00
Amount Delivered(AF)	1,161.87
17% Conveyance Loss (AF)	197.52
Delivery + Conveyance (AF)	1,359.39
Unused/Marketed (AF)	395.61

Locations of Delivery	AF
Total Delivery	1161.87
Huyser	432.94
Newell	283.32
Arkoosh	445.61

Big Wood River Based on inflow to Magic & AFRD2 available delivery

Amount Acquired (AF)	1100.00
Amount Delivered(AF)	177.46
17% Conveyance Loss (AF)	30.17
Delivery + Conveyance (AF)	207.63
Unused/Marketed (AF)	892.37

Magic Reservoir	
May 14, 2022	ON
July 23, 2022	OFF

Locations of Delivery	AF
Total Delivery	177.46
Westendorf	105.71
Sabala	46.47
M&M	25.28

Water District 37 2022 Priority Cuts

SILVER CREEK & LITTLE WOOD RIVER

Date Priority Cut Made	Date of Priority Cut To and Including:	Remarks
June 30, 2022	April 1, 1887	
July 28, 2022	May 5, 1884	
September 21, 2022		Reinstate all 1885 priorities
September 27, 2002		Reinstate all 1890 priorities
October 12, 2002		Reinstate all priorities

2022 SVGWD Ground Water Pumping

- SVGWD Historical Ground Water Pumping – 31,500 AF
- Required SVGWD 2022 Ground Water Pumping Reduction – 14,850 AF¹
- 2022 SVGWD Actual Ground Water Pumping – 16,000 AF
- SVGWD 2022 Actual Ground Water Pumping Reduction – 15,500 AF

¹ Reduction based on annual pumping estimate of 33,500 AF and includes reduction from fallowed acres.