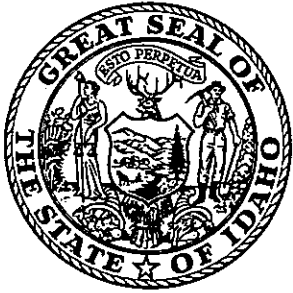


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**Comprehensive
STATE WATER PLAN**

Henrys Fork Basin

**Idaho Water Resource Board
1992**

**Figure 23:
Discharge and Diversions - Henrys Fork**

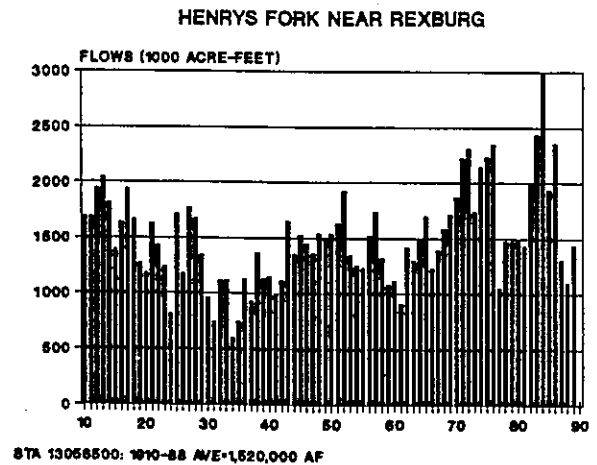
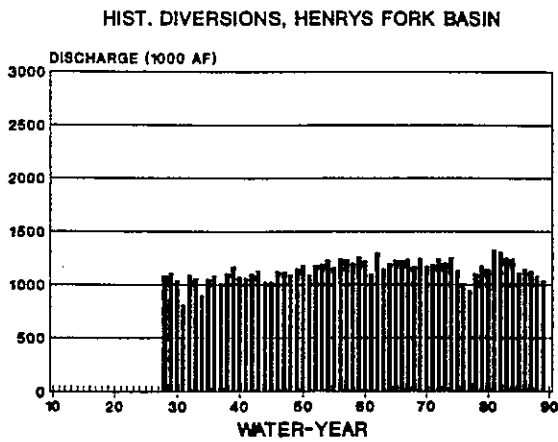
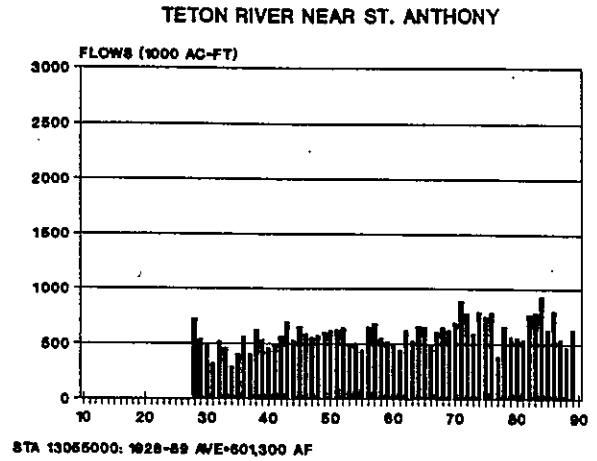
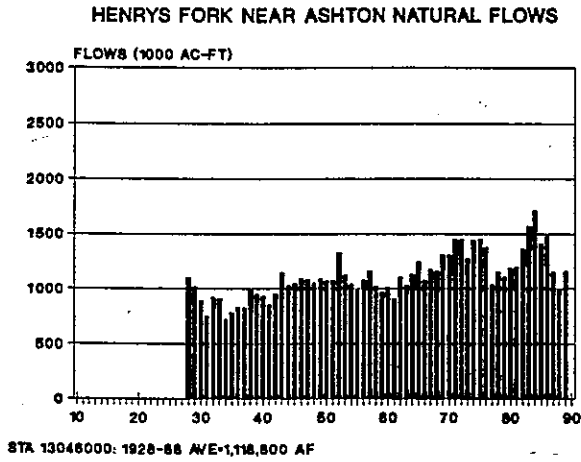


Table 51. Canal Records - 1986

Name	Recorded Acres	Calculated Acres*	Diversion Ac-ft	Ac-ft/Ac	% Return Flow	Return Flow Ac-ft/Ac	Consumptive Use Ac-ft/Ac	Groundwater Recharge Ac-ft/Ac	Total Recharge Ac-ft
Dewey	1,200		6,700	5.6	5	0.3	2.1	3.2	3800
Last Chance	1,860	2,630	27,300	10.4	10	1.0	2.1	7.2	19,000
Farmers Friend	3,025	2,250	44,300	19.7	14	2.8	2.1	14.8	33,400
Twin Groves	2,500	2,420	34,700	14.3	10	1.4	2.1	10.8	26,100
St. Anthony Union	9,700		161,400	16.6	10	1.7	2.1	12.9	124,900
Salem Union	5,500	4,367	64,300	14.7	8	1.2	2.1	11.4	50,000
Egin	7,000	6,030	109,300	18.1	10	1.8	2.1	14.2	85,700
St. Anthony U. Feeder	2,300		28,700	12.5	10	1.2	2.1	9.1	21,000
Independent	6,000	6,525	106,500	16.3	3	0.5	2.1	13.7	89,600
Consolidated Farmers	6,000	2,432	78,800	> 12.5	6	0.8	2.1	9.6	23,300
Subtotal	45,085	39,854	662,000						476,800
Falls River									
Yellowstone	2,100		3,136	1.5	0	0.0	2.1	0.0	0
Marysville	16,000		30,300	1.9	0	0.0	2.1	0.0	0
Farmers Own	5,800		18,900	3.3	5	0.2	2.1	1.0	5800
Conant Creek	1,680		3,463	2.1	0	0.0	2.1	0.0	0
Boom Creek	2,180		512	0.2	0	0.0	2.1	0.0	0
Squirrel Creek	1,165		2,158	1.9	0	0.0	2.1	0.0	0
Orme			123		0		2.1		
Enterprise	5,890	1,340	20,000	14.9	10	1.5	2.1	11.3	15,200
Fall River	9,000	6,780	86,800	12.8	14	1.8	2.1	8.9	60,400
Chester	1,400	1,240	15,100	12.2	5	0.6	2.1	9.5	11,700
McBee	125		500	4.0	5	0.2	2.1	1.7	200
Silkey	1,080		4,748	4.4	5	0.2	2.1	2.1	2200
Curr	1,300		17,200	13.2	10	1.3	2.1	9.8	12,800
Subtotal	47,720	40,790	202,940						108,300
Lower Teton River									
Canyon Creek	2,200		5,845	2.7	0	0.0	2.1	0.6	1200
Wilford	2,630	2,005	42,200	21.0	17	3.6	2.1	15.4	30,800
Teton Irrigation	2,500	2,954	23,100	7.8	39	3.0	2.1	2.7	7900
Siddoway	240		1,388	5.8	5	0.3	2.1	3.4	800
Pioneer	300		2,860	9.5	5	0.5	2.1	7.0	2100
Stewart	480		3,543	7.4	5	0.4	2.1	4.9	2400
Pincock-Byington	260	243	2,817	11.6	0	0.0	2.1	9.5	2300
Teton Island Feeder	10,400		121,700	11.7	11	1.3	2.1	8.3	86,500
North Salem	450		1,972	4.4	5	0.2	2.1	2.1	900
Roxana	880	665	5,006	7.5	5	0.4	2.1	5.1	3400
Island Ward	3,300	4,493	7,817	> 12.5	6	0.8	2.1	9.6	43,100
Saurey-Sommers	275	289	4,046	14.0	10	1.4	2.1	10.5	3000
McCormick-Rowe	160		345	2.2	0	0.0	2.1	0.1	0
Pincock-Garner	480	370	1,999	5.4	0	0.0	2.1	3.3	1200
Bigler Slough	240	180	1,115	6.2	0	0.0	2.1	4.1	700
Woodmansee-Johnson	1,320	1,295	2,462	1.9	10	0.2	2.1	0.0	0
City of Rexburg	950	250	5,546	22.2	9	2.0	2.1	18.1	4500
Rexburg Irrigation	5,280	5,655	54,500	9.6	5	0.0	2.1	7.5	42,600
Subtotal	32,345	32,639	288,261						233,400
Total	125,150	113,283	1,153,201						818,500

* See Wytzes. Further mapping review needs to be made of the Consolidated Farmers system.
 > Average of Consolidated Farmers and Island Ward (dual operation)

Table 52. Canal Records - 1977

Name	Recorded Acres	Calculated Acres*	Diversions Ac-ft	Ac-ft/Ac	% Return Flow	Return Flow Ac-ft/Ac	Consumptive Use Ac-ft/Ac	Groundwater Recharge Ac-ft/Ac	Total Recharge Ac-ft
Dewey	1,200		2,360	2.0	5	0.1	2.1	0.0	0
Last Chance	1,860	2,630	12,850	4.9	10	0.5	2.1	2.3	6000
Farmers Friend	3,025	2,250	8,650	3.8	14	0.5	2.1	1.2	2700
Twin Groves	2,500	2,420	17,830	7.4	10	0.7	2.1	4.5	11,000
St. Anthony Union	9,700		115,370	11.9	10	1.2	2.1	8.6	83,500
Salem Union	5,500	4,367	41,250	9.4	8	0.8	2.1	6.6	28,800
Egin	7,000	6,030	80,360	13.3	10	1.3	2.1	9.9	59,700
St. Anthony U. Feeder	2,300		29,210	12.7	10	1.3	2.1	9.3	21,500
Independent	6,000	6,525	28,000	4.3	3	0.1	2.1	2.1	13,500
Consolidated Farmers	6,000	2,432	47,270	>7.3	6	0.4	2.1	4.8	11,700
Subtotal	45,085	39,854	383,150						238,400
Falls River									
Yellowstone	2,100		1,468	0.7	0	0.0	2.1	0.0	0
Marysville	16,000		24,240	1.5	0	0.0	2.1	0.0	0
Farmers Own	5,800		11,590	2.0	5	0.1	2.1	0.0	0
Conant Creek	1,680		2,696	1.6	0	0.0	2.1	0.0	0
Boom Creek	2,180		890	0.4	0	0.0	2.1	0.0	0
Squirrel Creek	1,165		1,092	0.9	0	0.0	2.1	0.0	0
Orme			123		0		2.1	0.0	0
Enterprise	5,890	1,340	20,100	15.0	10		2.1		
Fall River	9,000	6,780	66,800	9.9	14	1.5	2.1	11.4	15,300
Chester	1,400	1,240	4,890	3.9	5	1.4	2.1	6.4	43,200
McBee	125		61	0.5	5	0.2	2.1	1.6	2000
Silkey	1,080		3,650	3.4	5	0.0	2.1	0.0	0
Curr	1,300		9,840	7.6	10	0.2	2.1	1.1	1200
Subtotal	47,720	40,790	147,317			0.8	2.1	4.7	6100
Lower Teton River									67,800
Canyon Creek	2,200		1,590	0.7	0	0.0	2.1	0.0	0
Wilford	2,630	2,005	14,960	7.5	17	1.3	2.1	4.1	8200
Teton Irrigation	2,500	2,954	18,140	6.1	39	2.4	2.1	1.6	4900
Siddoway	240			0.0	5	0.0	2.1	0.0	0
Pioneer	300		282	0.9	5	0.0	2.1	0.0	0
Stewart	480		930	1.9	5	0.1	2.1	0.0	0
Pincock-Byington	260	243	1,154	4.7	0	0.0	2.1	2.6	600
Teton Island Feeder	10,400		55,690	5.4	11	0.6	2.1	2.7	27,700
North Salem	450		48	0.1	5	0.0	2.1	0.0	0
Roxana	880	665	2,610	3.9	5	0.2	2.1	1.6	1100
Island Ward	3,300	4,493	3,130		6	0.4	2.1	4.8	21,600
Saurey-Sommers	275	289	3,090	>7.3	10	1.1	2.1	7.5	2200
McCormick-Rowe	160		103	0.6	0	0.0	2.1	0.0	0
Pincock-Garner	480	370	958	2.6	0	0.0	2.1	0.5	200
Bigler Slough	240	180	80	0.4	0	0.0	2.1	0.0	0
Woodmansee-Johnson	1,320	1,295	1,610	1.2	10	0.1	2.1	0.0	0
City of Rexburg	950	250	2,450	9.8	9	0.9	2.1	6.8	1700
Rexburg Irrigation	5,280	5,655	39,310	6.9	5	0.0	2.1	4.8	27,400
Subtotal	32,345	32,639	146,135						95,600
Total	125,150	113,283	676,602						401,800

* See Wytzes. Further mapping review needs to be made of the Consolidated Farmers system.
 > Average of Consolidated Farmers and Island Ward (dual operation)

Figure 24:
Storage and Diversion Schematic - Henrys Fork Basin

