

Report No. 3
BEAR RIVER COMMISSION
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USGS-3-3
PART VII

PLATES AND TABLES
for
BEAR RIVER COMPACT REPORT

Prepared By
W. V. Iorns Project Engineer
U. S. Geological Survey

June 23, 1948

WATER RIGHTS-BEAR RIVER- STATE LINE DIVISIONS ABOVE STEWART DAM

Basis 1 c.f.s. per 50 acres of land described in Adjudications or Claims.

Year of Priority	Utah Summit County		Wyoming Uinta County		Utah Rich County		Wyoming Lincoln County above Smiths Fork		Wyoming Lincoln County below Smiths Fork		Wyoming Lincoln County Smiths Fork		Idaho Border to Stewart	
	Amt.	Accum.	Amt.	Accum.	Amt.	Accum.	Amt.	Accum.	Amt.	Accum.	Amt.	Accum.	Amt.	Accum.
1862		0	5.60	5.60	6.14	6.14		0		0		0		0
1863		0		5.60		6.14		0		0		0		0
64		0		5.60		6.14		0		0		0		0
65		0		5.60		6.14		0		0		0		0
66		0		5.60		6.14		0		0		0		0
67		0		5.60		6.14		0		0		0		0
68		0		5.60		6.14		0		0		0		0
69	4.00	4.00	.84	6.44		6.14		0		0		0		0
1870		4.00		6.44		6.14		0		0		0		0
71		4.00	5.22	11.66		6.14		0		0		0		0
72		4.00	3.90	15.56		6.14		0		0		0		0
73		4.00		15.56		6.14		0		0		0		0
74		4.00	32.18	47.74		6.14		0		0		0		0
75		4.00	25.06	72.80	112.70	118.84		0		0		0		0
76		4.00		72.80		118.84		0		0		0		0
77		4.00		72.80		118.84		0		0	2.10	2.10	295.06	295.06
78		4.00	9.16	81.96		118.84	49.60	49.60	6.08	6.08		2.10	7.92	302.98
79		4.00	13.46	95.42		118.84	3.80	53.40	.10	6.18		2.10		302.98
1880		4.00	37.70	133.12		118.84	42.82	96.22		6.18		2.10	41.58	344.56
81		4.00		133.12		118.84	15.96	112.18	7.10	13.28		2.10		344.56
82		4.00	7.82	140.94		118.84	6.40	118.58		13.28		2.10		344.56
83		4.00	16.00	156.94	27.64	146.48	40.10	158.68	58.87	72.15		2.10	49.78	394.34
84		4.00	2.40	159.34		146.48		158.68	11.48	83.63	1.90	4.00	34.66	429.00
85		4.00	9.54	168.88	191.00	337.48		158.68		83.63	24.80	28.80	22.48	451.48
86		4.00	169.26	338.14	16.40	353.88		158.68	6.10	89.73	6.24	35.04		451.48
87		4.00	15.02	353.16	25.96	379.84		158.68		89.73	15.00	50.04		451.48
88		4.00	28.66	381.82	116.26	496.10		158.68	2.90	92.63	6.48	56.52		451.48
89		4.00	21.36	403.18		496.10		158.68		92.63	5.26	61.78		451.48
1890		4.00	34.06	437.24		496.10		158.68		92.63	1.30	63.08		451.48
91	11.72	15.72	.30	437.54		496.10		158.68		92.63		63.08		451.48
92		15.72	1.79	439.33		496.10		158.68		92.63	4.12	67.20		451.48
93	29.72	45.44	4.90	444.23		496.10		158.68		92.63	5.50	72.70		451.48
94		45.44		444.23		496.10		158.68		92.63	6.40	79.10		451.48
95		45.44	6.26	450.49		496.10		158.68		92.63		79.10		451.48
96	16.74	62.18	7.52	458.01		496.10		158.68		92.63		79.10		451.48
97		62.18	9.08	467.09		496.10		158.68		92.63	12.68	91.78	3.20	454.68
98	6.32	68.50	5.34	472.43		496.10		158.68		92.63	2.38	94.16		454.68
99		68.50		472.43		496.10		158.68		92.63		94.16		454.68
1900		68.50	14.28	486.71		496.10		158.68		92.63	2.70	96.86		454.68
1		68.50	25.24	511.95	187.60	683.70	7.20	165.88		92.63	2.40	99.26		454.68
2		68.50	2.42	514.37		683.70		165.88		92.63	.68	99.94		454.68
3		68.50	3.10	517.47		683.70		165.88		92.63	15.54	115.48		454.68
4		68.50	84.16	601.63		683.70		165.88		92.63	6.46	121.94		454.68
5		68.50	3.80	605.43		683.70		165.88		92.63	3.20	125.14		454.68
6		68.50	.80	606.23		683.70		165.88	1.08	93.71	2.00	133.14		454.68
7		68.50	3.16	609.39		683.70	.12	166.00		93.71	4.34	137.48		454.68
8		68.50	10.38	619.77		683.70		166.00		93.71	4.06	141.54		454.68
9		68.50	2.40	622.17		683.70		166.00		93.71	43.22	184.76		454.68
1910		68.50	9.38	631.55		683.70		166.00		93.71	5.70	190.46		454.68
11		68.50	.32	631.87		683.70		166.00	5.66	99.37	5.51	195.97		454.68
12		68.50	2.11	633.98		683.70		166.00		99.37	1.96	197.93		454.68
13		68.50	1.10	635.08		683.70		166.00		99.37	2.33	200.26		454.68
14	52.88	121.38	1.94	637.02		683.70		166.00		99.37		200.26		454.68
15		121.38	22.86	659.88		683.70		166.00		99.37	1.52	201.78		454.68
16		121.38	2.04	661.92		683.70		166.00		99.37	.68	202.46		454.68
17		121.38	6.27	668.19		683.70		166.00		99.37		202.46		454.68
18		121.38	.16	668.35		683.70		166.00		99.37		202.46		454.68
19		121.38		668.35	8.24	691.94		166.00		99.37		202.46		454.68
1920		121.38	3.18	671.53		691.94		166.00		99.37		202.46		454.68
21		121.38	.30	671.83		691.94		166.00		99.37		202.46		454.68
22		121.38	.92	672.75		691.94		166.00		99.37		202.46		454.68
23		121.38		672.75		691.94		166.00		99.37		202.46		454.68
24		121.38		672.75		691.94		166.00		99.37		202.46		454.68
25		121.38	.80	673.55		691.94		166.00		99.37		202.46		454.68
26		121.38	.61	674.16		691.94		166.00		99.37		202.46		454.68
27		121.38		674.16		691.94		166.00		99.37	1.99	204.45		454.68
28		121.38		674.16		691.94		166.00		99.37		204.45		454.68
29		121.38		674.16		691.94		166.00		99.37		204.45		454.68
1930		121.38	17.66	691.82		691.94	3.14	169.14		99.37		204.45		454.68
31		121.38	1.66	693.48		691.94		169.14		99.37		204.45		454.68
32		121.38		693.48		691.94		169.14		99.37		204.45		454.68
33		121.38	.70	694.18		691.94		169.14		99.37		204.45		454.68
34		121.38		694.18		691.94		169.14		99.37		204.45		454.68
35		121.38		694.18		691.94		169.14		99.37		204.45		454.68
36		121.38		694.18		691.94		169.14		99.37		204.45		454.68
37		121.38		694.18		691.94		169.14		99.37	1.64	206.09		454.68
38		121.38		694.18		691.94		169.14		99.37		206.09		454.68
1939		121.38	.90	695.08		691.94		169.14		99.37		206.09		454.68

WATER RIGHTS - BEAR RIVER BELOW STEWART DAM

Rights as Adjudicated in C.F.S.

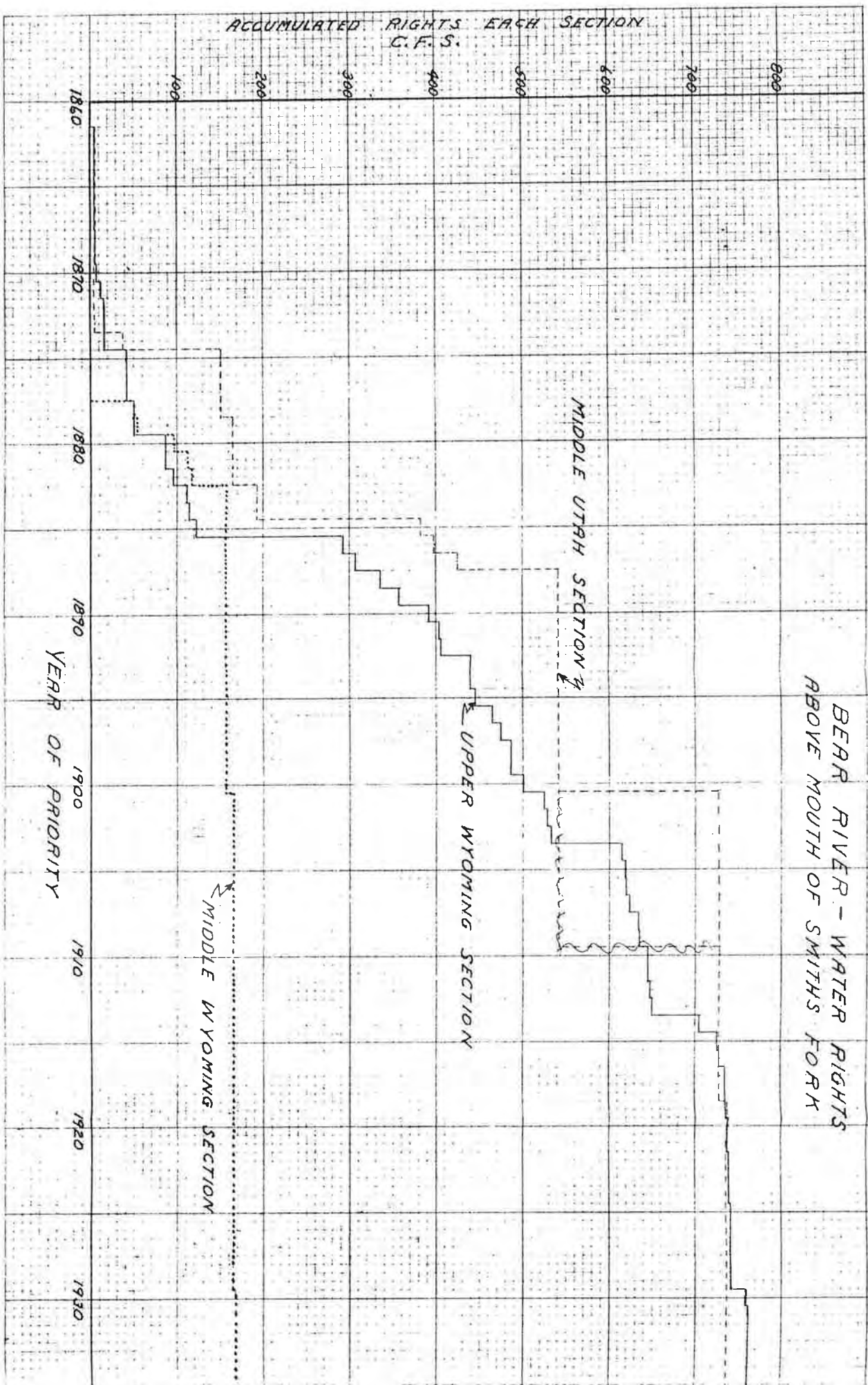
Date	MIDDLE IDAHO SECTION			LOWER IDAHO SECTION			LOWER UTAH SECTION			UTAH BELOW WHEELON DAM	
	Name	Amount	Accum. Irrig.	Name	Amount	Accum. Irrig.	Name	Amount	Accum.	Name	Amount
1862			0			0			0		
63			0			0			0		
64			0			0			0		
65			0			0			0		
66			0			0			0		
67			0			0			0		
68			0			0			0		
69			0			0			0		
1870			0			0	Pumps	1.50	1.50		
71			0			0			1.50		
72			0			0			1.50		
73			0			0			1.50		
74			0			0			1.50		
75			0			0			1.50		
76			0			0			1.50		
77			0			0			1.50		
78			0			0			1.50		
79	Gentile Valley	2.20	2.20			0			1.50		
1880			2.20	Nelson	6.50	6.50	Pumps	6.00	7.50		
81			2.20	Riverdale	13.00	19.50			7.50		
82			2.20	Smith-Rosen	5.50	25.00			7.50		
83			2.20	Riverdale	3.00	28.00			7.50		
84			2.20	West Cache	5.00	33.00			7.50		
85			2.20			33.00			7.50		
86			2.20			33.00			7.50		
87			2.20			33.00			7.50		
88			2.20			33.00			7.50		
89	Budge	11.60	44.40			33.00	West Side	333.00	340.50		
1890	Johnson	1.60	46.00			33.00	Pumps	3.00	343.50		
91	Gentile Valley	33.00	48.40			33.00			343.50		
92			48.40			33.00			343.50		
93			48.40			33.00			343.50		
94			48.40			33.00	Pumps	.50	344.00		
95	Unknown	2.40	50.80			33.00			344.00		
96			50.80			33.00			344.00		
97	Last Chance	200.00	250.80			33.00			344.00		
98	Gentile Valley	1.90	252.70			33.00			344.00		
99			252.70	West Cache	186.00	219.00			344.00		
1900	Johnson	.60	253.30			219.00			344.00		
01	Gentile Valley	35.00	258.30			219.00	West Side	133.00	477.00		
02	Last Chance	240.00	528.30	Riverdale	6.50	225.50			477.00		
03			528.30			225.50	U.P. Wheelon Fl.	270.00	747.00		
04	Gentile Valley	12.00	540.30			225.50	Hammond	95.00	842.00		
05	U.P. Grace Fl.*	500.00	540.30			225.50			842.00		
06			540.30			225.50	U.P. Wheelon Fl.	135.00	977.00		
07			540.30			225.50			977.00		
08	U.P. Grace Fl.*	500.00	540.30			225.50	U.P. Wheelon Fl.	135.00	1112.00		
09	Bench "B"	103.76	704.06			225.50			1112.00		
1910	Last Chance	50.00	758.06	U.P. Oneida Fl.*	1000.00	225.50			1112.00		
11	Bear Lake Stor.	3000.00	3758.06	U.P. Oneida Fl.*	1500.00	225.50			1112.00		
12	Bear Lake Stor.	2500.00	6258.06			225.50	U.P. Wheelon Fl.	500.00	1612.00		
13			6258.06			225.50			1612.00		
14			6258.06	Cub River Pmp.	100.00	325.50	West Side	43.00	1655.00		
15			6258.06			325.50	Pumps	2.00	1657.00	Pumps	1.24
16	U.P. Cove Fl.*	1500.00	6258.06			325.50	Pumps	1.50	1658.50	Pumps	2.00
17			6258.06			325.50	Pumps	30.88	1689.38	Pumps	10.33
18			6258.06			325.50	Pumps	9.00	1698.38	Pumps	2.00
19			6258.06			325.50	Pumps	6.50	1704.88	Pumps	4.60
1920			6258.06			325.50	Pumps	13.00	1717.88	Pumps	8.96
21			6258.06			325.50			1717.88		
22	U.P. Cove Fl.*	1500.00	6258.06			325.50			1717.88		
23			6258.06			325.50	U.P. Wheelon Fl.	2500.00	4217.88		
24			6258.06			325.50			4217.88		
25			6258.06			325.50			4217.88	Pumps	7.81
26			6258.06	Unknown	.20	325.70			4217.88		
27			6258.06			325.70			4217.88	Pumps	3.00
28			6258.06			325.70			4217.88	Fish & Wildlife	1000.00
29			6258.06			325.70			4217.88		
1930			6258.06			325.70			4217.88		
31			6258.06			325.70			4217.88		
32			6258.06			325.70			4217.88		
33			6258.06			325.70			4217.88		
34			6258.06			325.70			4217.88		
35			6258.06			325.70			4217.88		
36			6258.06			325.70			4217.88		
37			6258.06			325.70			4217.88		
38			6258.06			325.70			4217.88		
39	Unknown	.60	6258.66			325.70			4217.88		

* Not included in accum. irrig. total

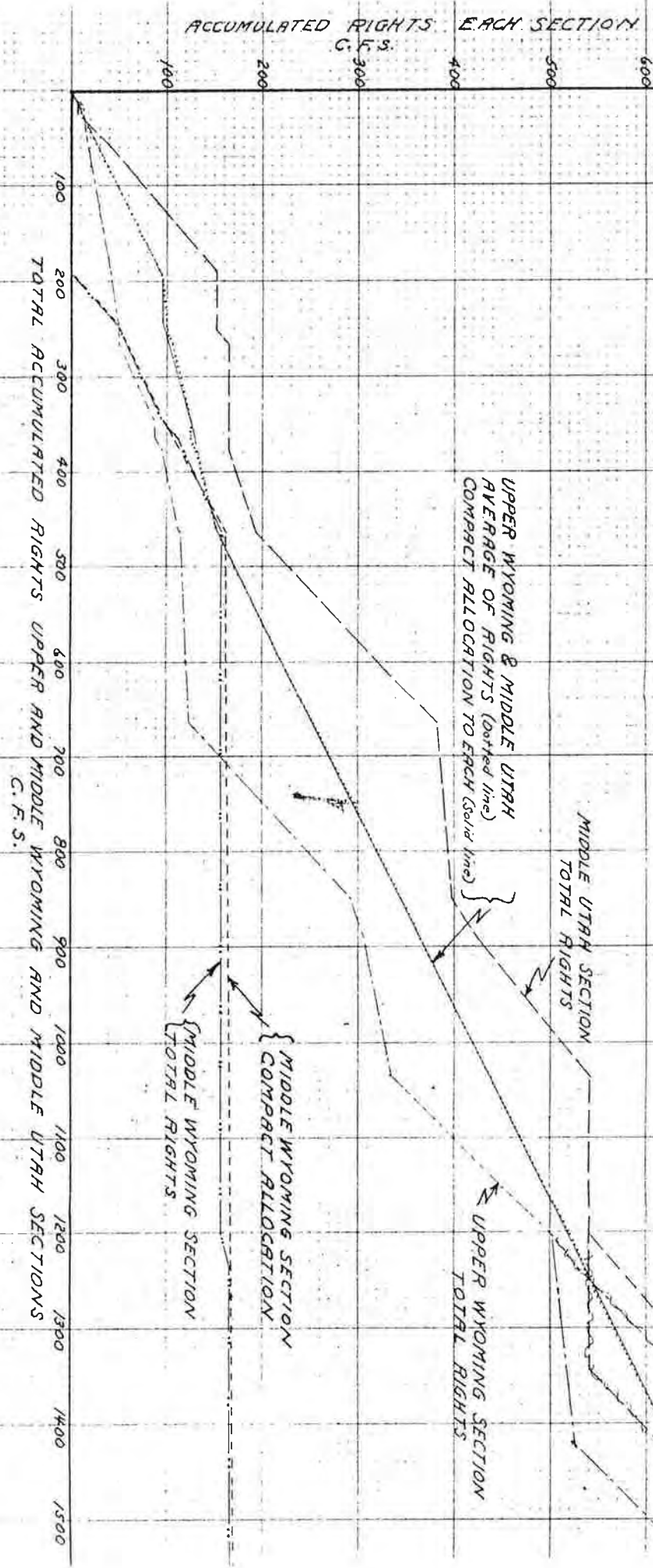
COMPACT SECTIONS - BEAR RIVER ABOVE STEWART DAM

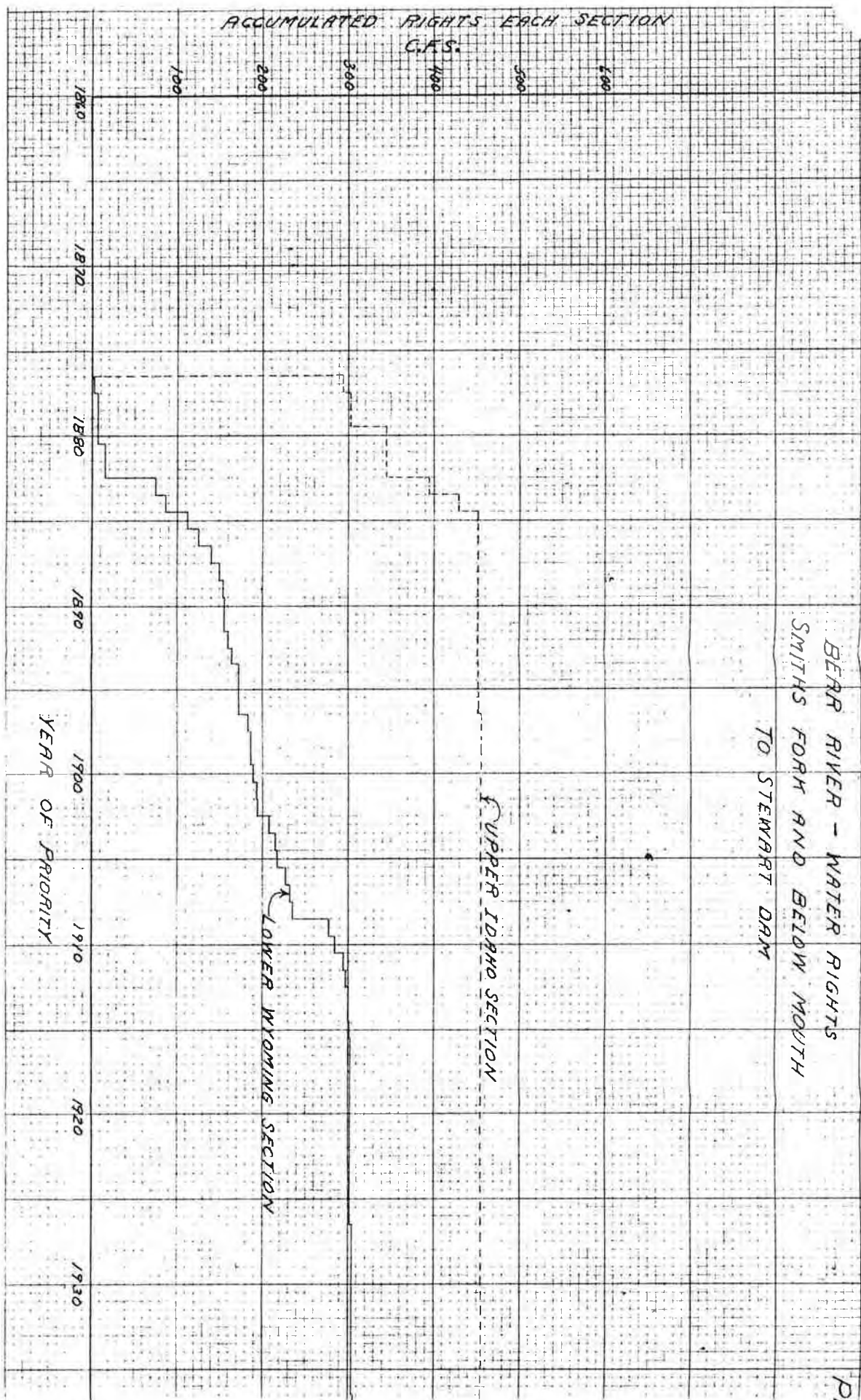
Basis 1 c.f.s. per 50 acres of land described in Adjudications and Claims

Year of Priority	UPPER UTAH SECTION		UPPER WYOMING SECTION		MIDDLE UTAH SECTION		MIDDLE WYOMING SECTION		LOWER WYOMING SECTION		UPPER IDAHO SECTION	
	Amt.	Accum.	Amt.	Accum.	Amt.	Accum.	Amt.	Accum.	Amt.	Accum.	Amt.	Accum.
1862		0	5.60	5.60	6.14	6.14		0		0		0
63		0		5.60		6.14		0		0		0
64		0		5.60		6.14		0		0		0
65		0		5.60		6.14		0		0		0
66		0		5.60		6.14		0		0		0
67		0		5.60		6.14		0		0		0
68		0		5.60		6.14		0		0		0
69	4.00	4.00	.84	6.44		6.14		0		0		0
1870		4.00		6.44		6.14		0		0		0
71		4.00	5.22	11.66		6.14		0		0		0
72		4.00	3.90	15.56		6.14		0		0		0
73		4.00		15.56		6.14		0		0		0
74		4.00		15.56	32.18	38.32		0		0		0
75		4.00	25.06	40.62	112.70	151.02		0		0		0
76		4.00		40.62		151.02		0		0		0
77		4.00		40.62		151.02		0	2.10	2.10	295.06	295.06
78		4.00	9.16	49.78		151.02	49.60	49.60	6.08	8.18	7.92	302.98
79		4.00		49.78	13.46	164.48	3.80	53.40	.10	8.28		302.98
1880		4.00	37.70	87.48		164.48	42.82	96.22		8.28	41.58	344.56
81		4.00		87.48		164.48	15.96	112.18	7.10	15.38		344.56
82		4.00	7.82	95.30		164.48	6.40	118.58		15.38		344.56
83		4.00	16.00	111.30	27.64	192.12	40.10	158.68	58.87	74.25	49.78	394.34
84		4.00	2.40	113.70		192.12		158.68	13.38	87.63	34.66	429.00
85		4.00	9.54	123.24	191.00	383.12		158.68	24.80	112.43	22.48	451.48
86		4.00	169.26	292.50	16.40	399.52		158.68	12.34	124.77		451.48
87		4.00	15.02	307.52	25.96	425.48		158.68	15.00	139.77		451.48
88		4.00	28.66	336.18	116.26	541.74		158.68	9.38	149.15		451.48
89		4.00	21.36	357.54		541.74		158.68	5.26	154.41		451.48
1890		4.00	34.06	391.60		541.74		158.68	1.30	155.71		451.48
91		4.00	12.02	403.62		541.74		158.68		155.71		451.48
92		4.00	1.79	405.41		541.74		158.68	4.12	159.83		451.48
93		4.00	34.62	440.03		541.74		158.68	5.50	165.33		451.48
94		4.00		440.03		541.74		158.68	6.40	171.73		451.48
95		4.00	6.26	446.29		541.74		158.68		171.73		451.48
96	4.34	8.34	19.92	466.21		541.74		158.68		171.73		451.48
97		8.34	9.08	475.29		541.74		158.68	12.68	184.41	3.20	454.68
98		8.34	11.66	486.95		541.74		158.68	2.38	186.79		454.68
99		8.34		486.95		541.74		158.68		186.79		454.68
1900		8.34	14.28	501.23		541.74		158.68	2.70	189.49		454.68
01		8.34	25.24	526.47	187.60	729.34	7.20	165.88	2.40	191.89		454.68
02		8.34	2.42	528.89		729.34		165.88	.68	192.57		454.68
03		8.34	3.10	531.99		729.34		165.88	15.54	208.11		454.68
04		8.34	84.16	616.15		729.34		165.88	6.46	214.57		454.68
05		8.34	3.80	619.95		729.34		165.88	3.20	217.77		454.68
06		8.34	.80	620.75		729.34		165.88	9.08	226.85		454.68
07		8.34	3.16	623.91		729.34	.12	166.00	4.34	231.19		454.68
08		8.34	10.38	634.29		729.34		166.00	4.06	235.25		454.68
09		8.34	2.40	636.69		729.34		166.00	43.22	278.47		454.68
1910		8.34	9.38	646.07		729.34		166.00	5.70	284.17		454.68
11		8.34	.32	646.39		729.34		166.00	11.17	295.34		454.68
12		8.34	2.11	648.50		729.34		166.00	1.96	297.30		454.68
13		8.34	1.10	649.60		729.34		166.00	2.33	299.63		454.68
14		8.34	54.82	704.42		729.34		166.00		299.63		454.68
15		8.34	22.86	727.28		729.34		166.00	1.52	301.15		454.68
16		8.34	2.04	729.32		729.34		166.00	.68	301.83		454.68
17		8.34	6.27	735.59		729.34		166.00		301.83		454.68
18		8.34	.16	735.75		729.34		166.00		301.83		454.68
19		8.34		735.75	8.24	737.58		166.00		301.83		454.68
1920		8.34	3.18	738.93		737.58		166.00		301.83		454.68
21		8.34	.30	739.23		737.58		166.00		301.83		454.68
22		8.34	.92	740.15		737.58		166.00		301.83		454.68
23		8.34		740.15		737.58		166.00		301.83		454.68
24		8.34		740.15		737.58		166.00		301.83		454.68
25		8.34	.80	740.95		737.58		166.00		301.83		454.68
26		8.34	.61	741.56		737.58		166.00		301.83		454.68
27		8.34		741.56		737.58		166.00	1.99	303.82		454.68
28		8.34		741.56		737.58		166.00		303.82		454.68
29		8.34		741.56		737.58		166.00		303.82		454.68
1930		8.34	17.66	759.22		737.58	3.14	169.14		303.82		454.68
31		8.34	1.66	760.88		737.58		169.14		303.82		454.68
32		8.34		760.88		737.58		169.14		303.82		454.68
33		8.34	.70	761.58		737.58		169.14		303.82		454.68
34		8.34		761.58		737.58		169.14		303.82		454.68
35		8.34		761.58		737.58		169.14		303.82		454.68
36		8.34		761.58		737.58		169.14		303.82		454.68
37		8.34		761.58		737.58		169.14	1.64	305.46		454.68
38		8.34		761.58		737.58		169.14		305.46		454.68
1939		8.34	.90	762.48		737.58		169.14		305.46		454.68

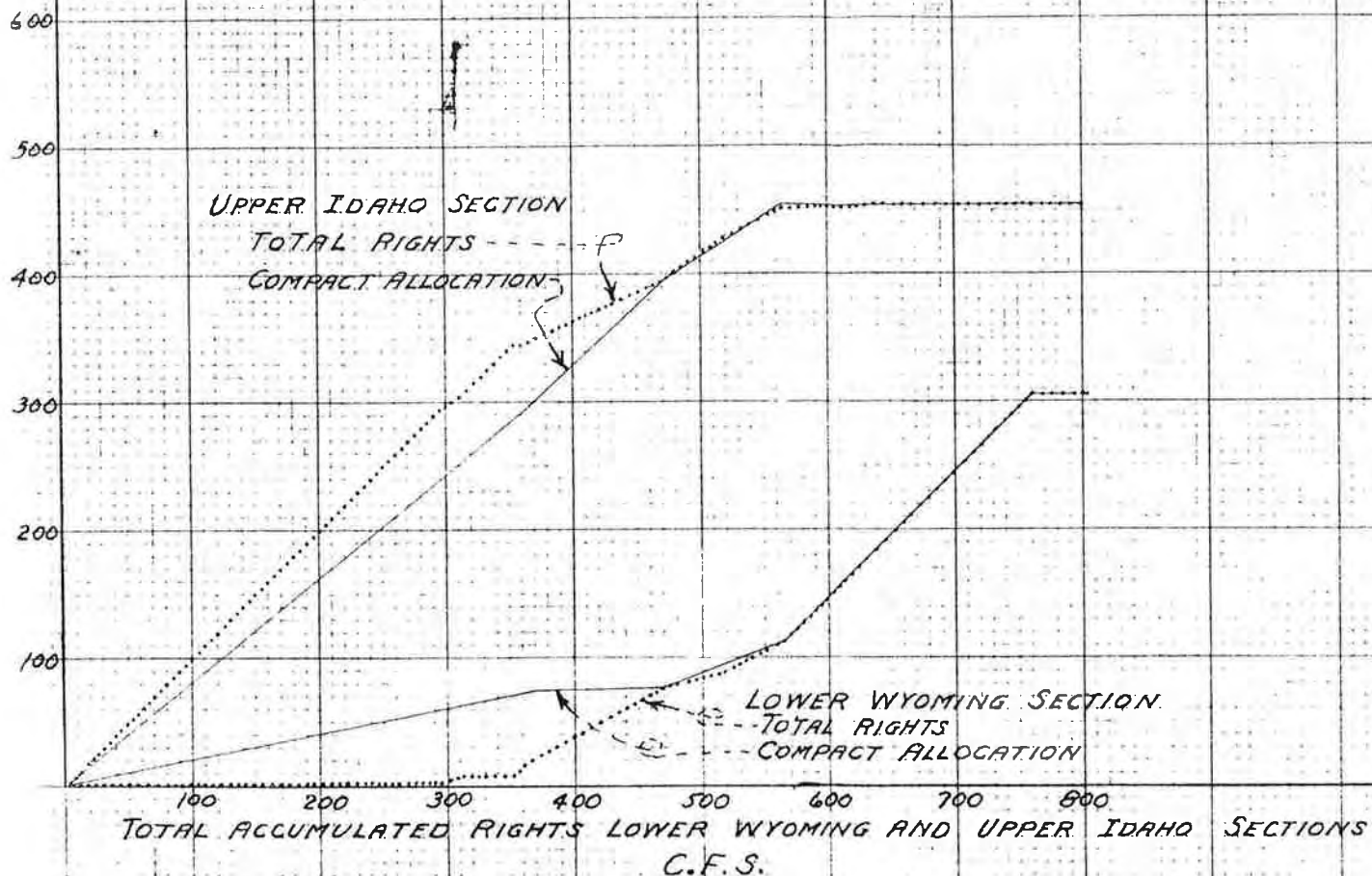


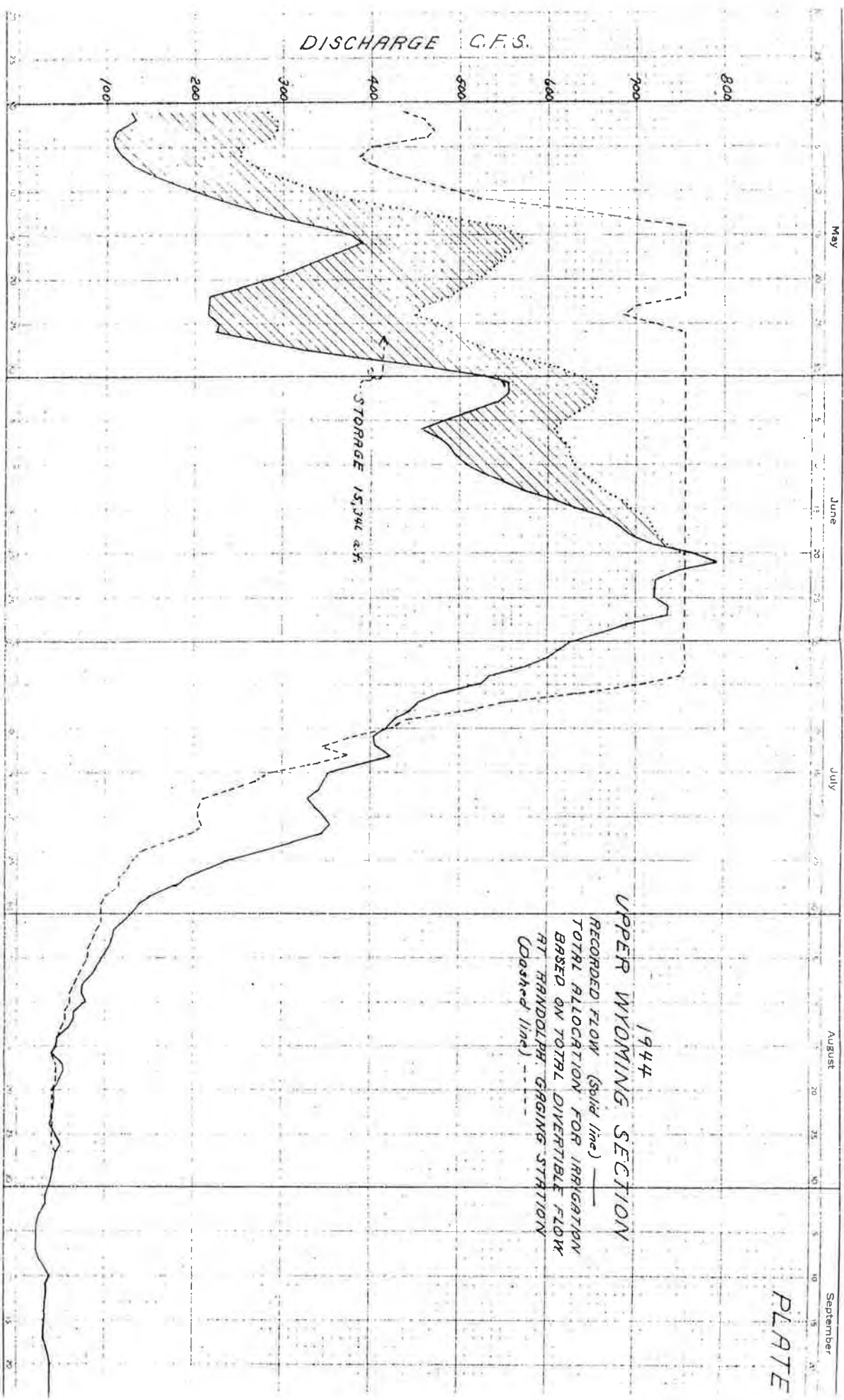
BEAR RIVER
RELATION OF RIGHTS IN SECTIONS
AND TOTAL RIGHTS
ABOVE MOUTH OF SMITHS FORK

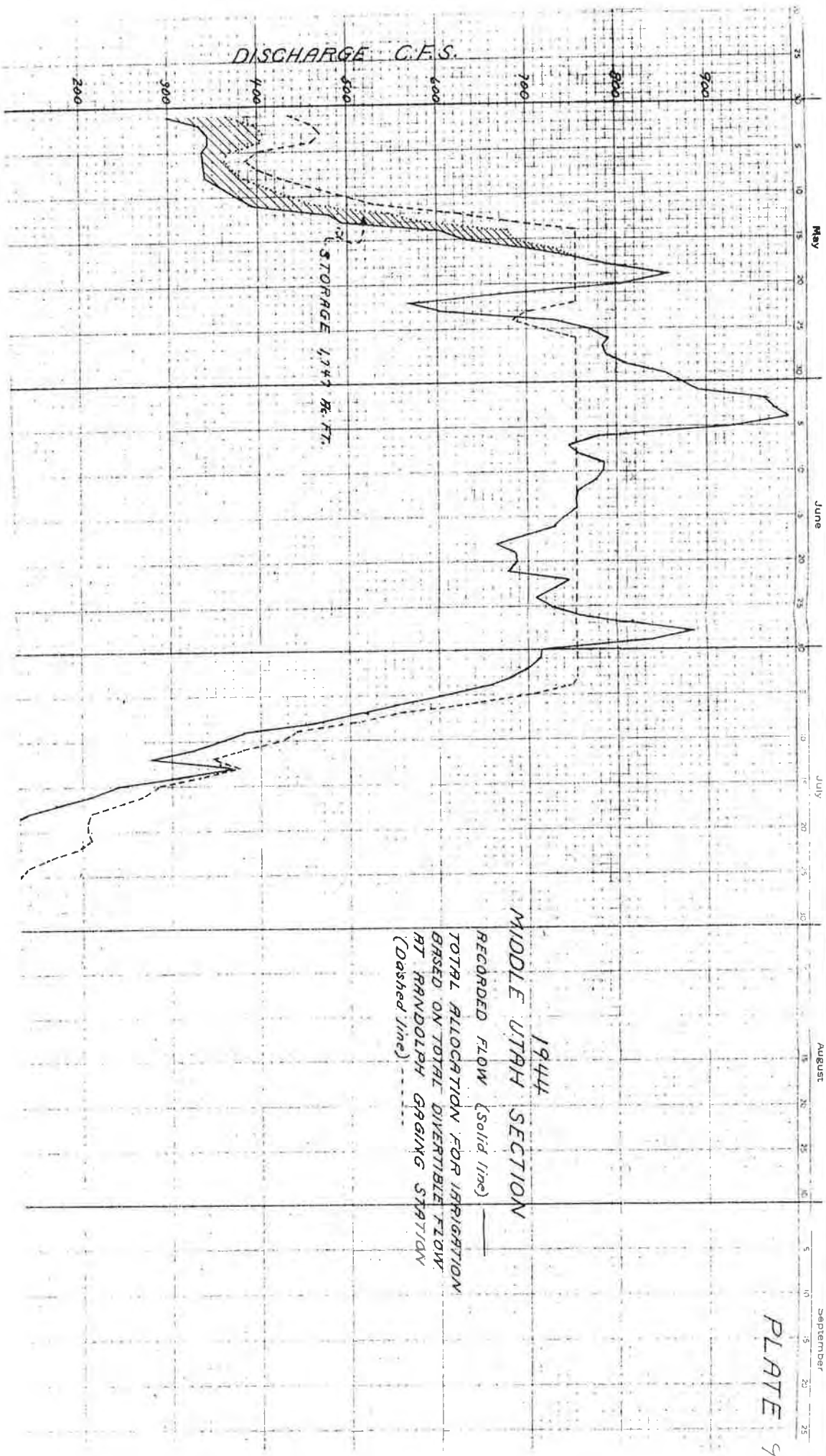




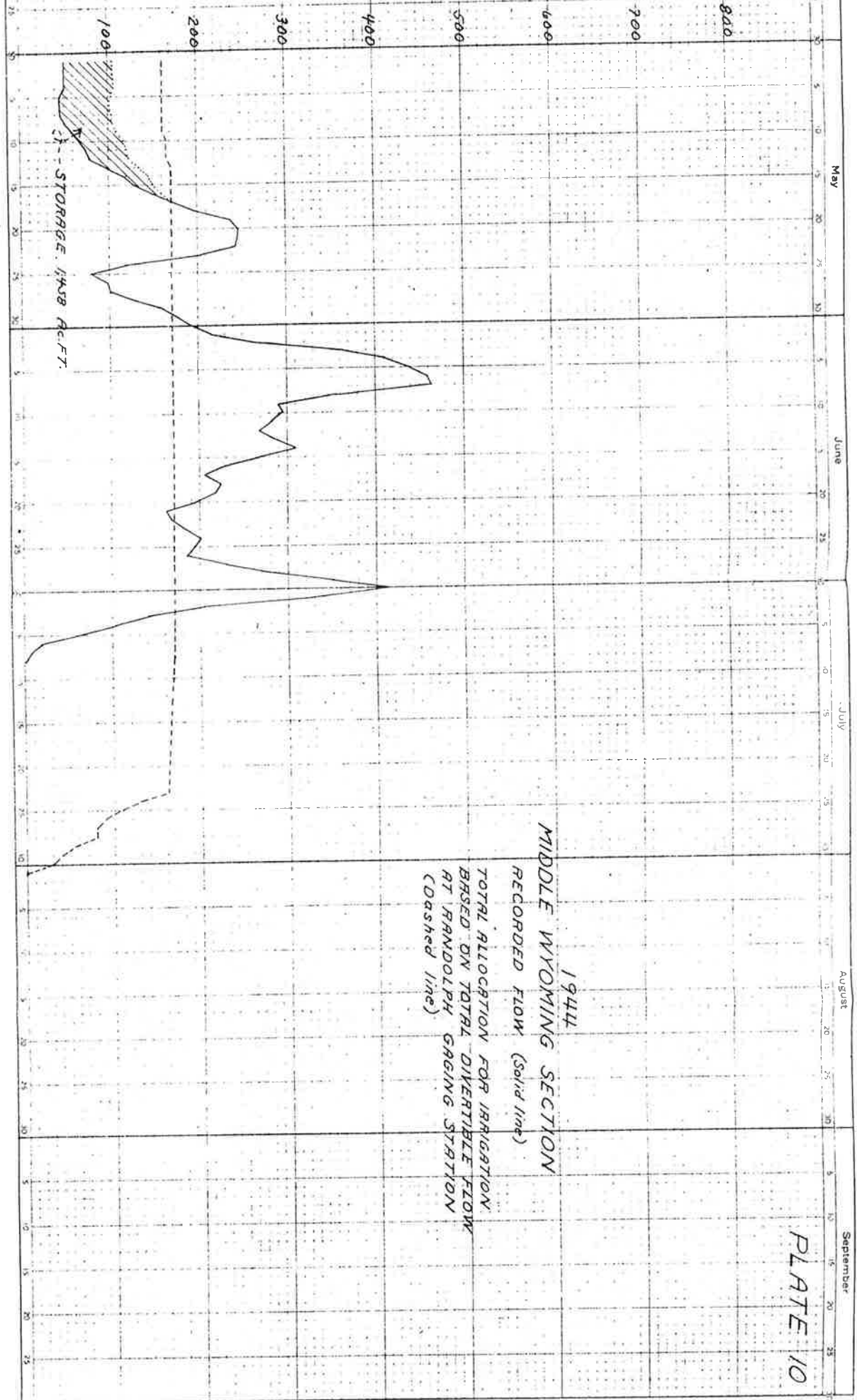
BEAR RIVER - RELATION OF
RIGHTS IN LOWER WYOMING AND UPPER IDAHO SECTIONS
AND TOTAL RIGHTS







DISCHARGE C.F.S.



September

AUGUST

JULY

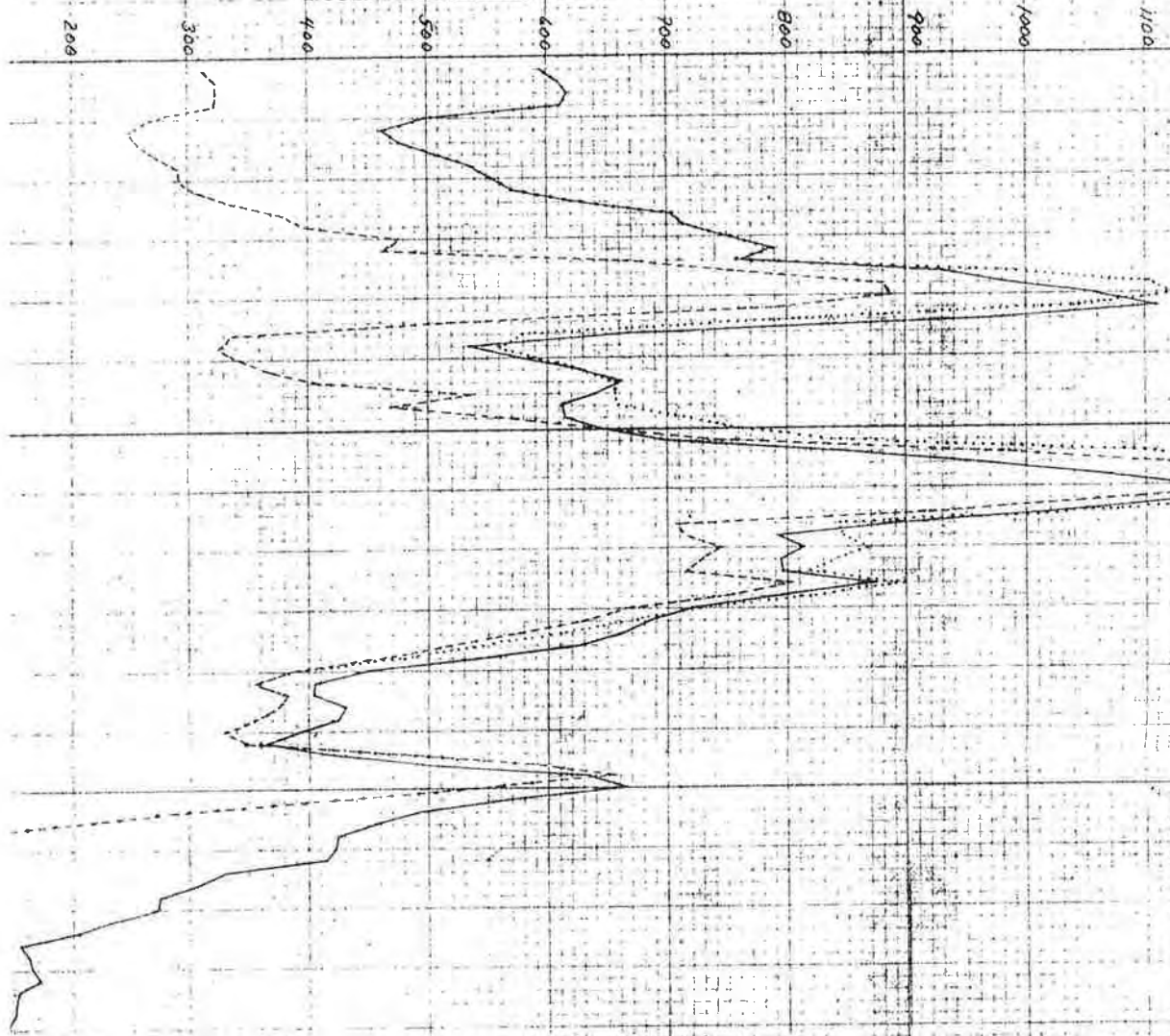
JUNE

MAY

1937-1938
1939-1940
1941-1942
1943-1944

PLATE 11

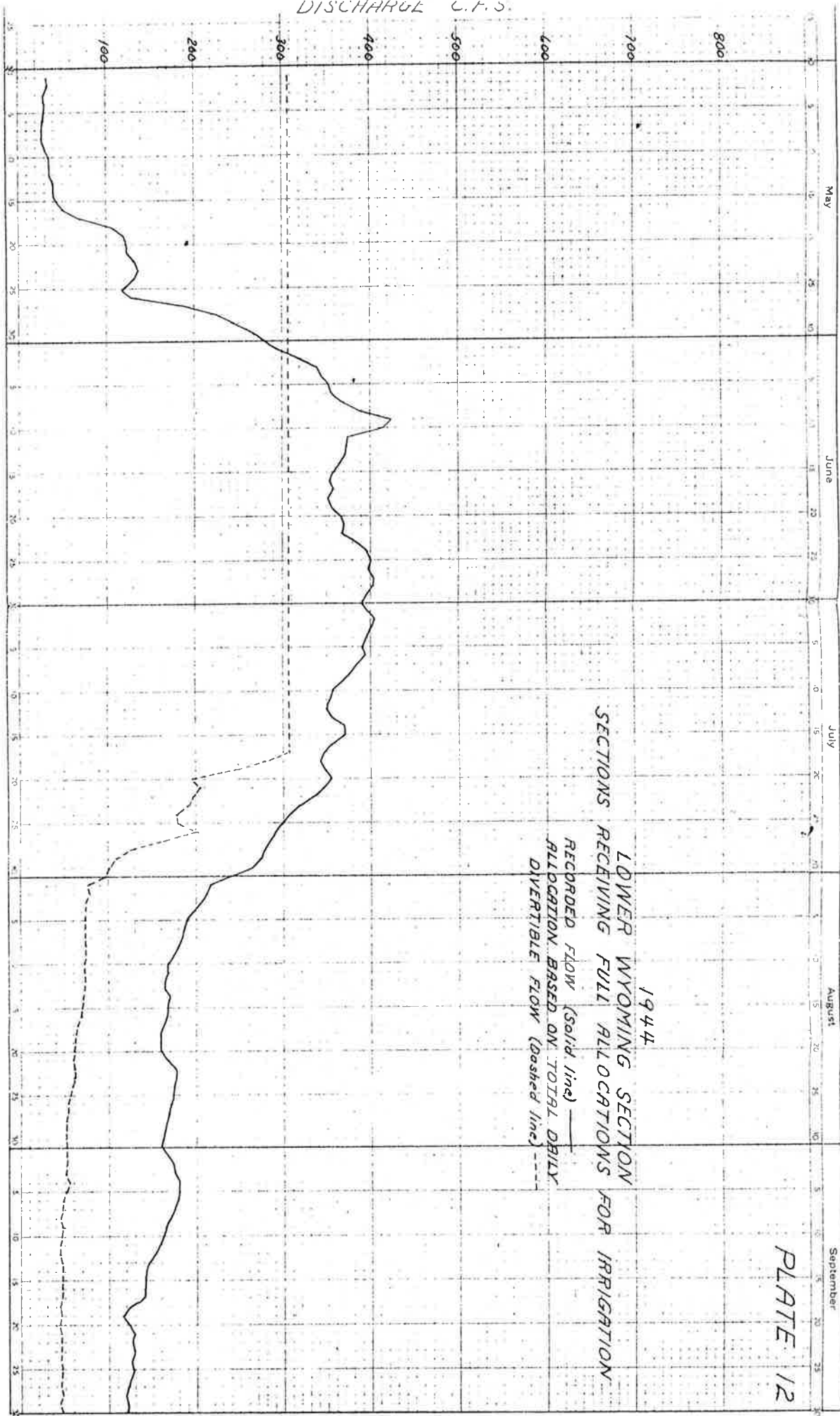
DISCHARGE CFS

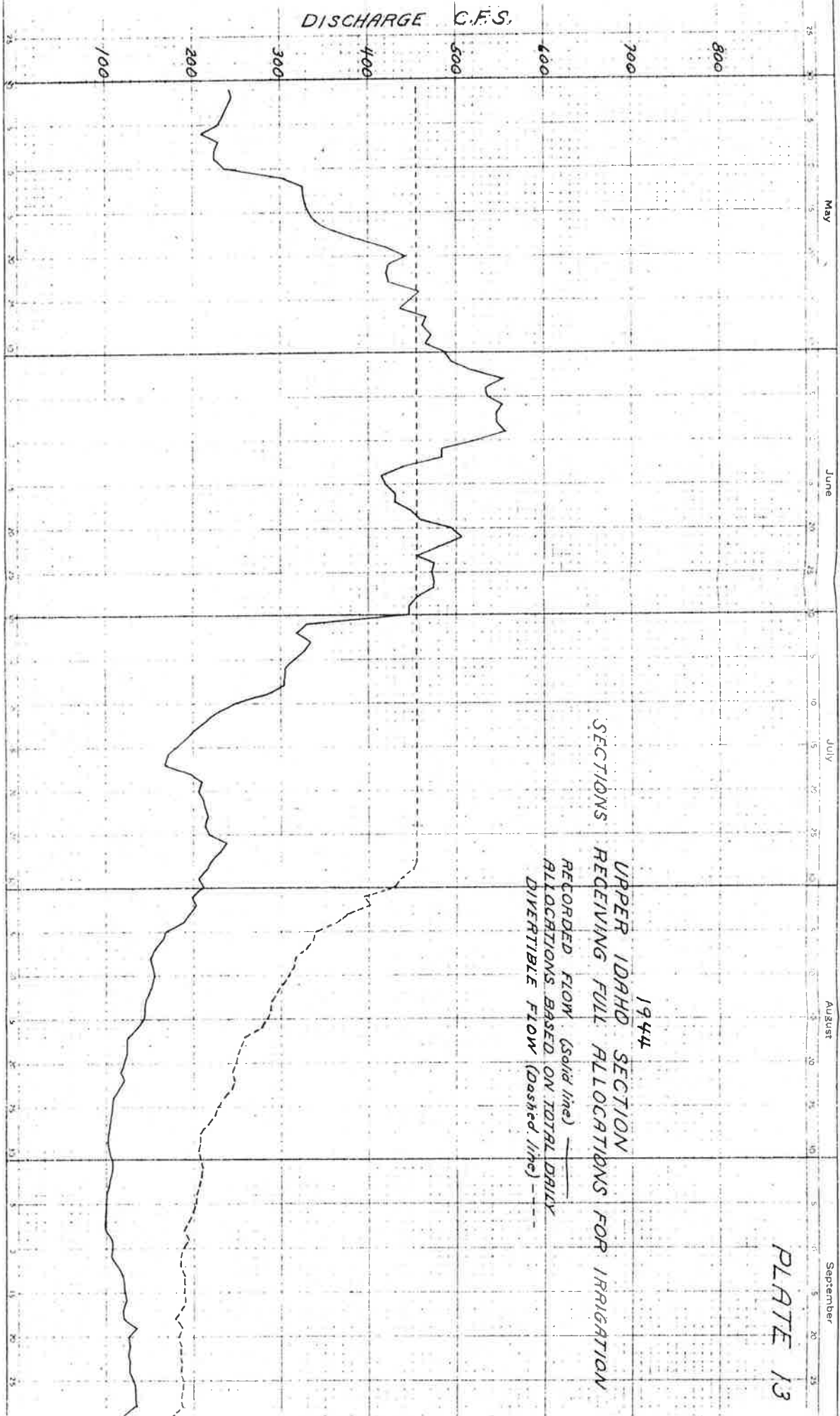


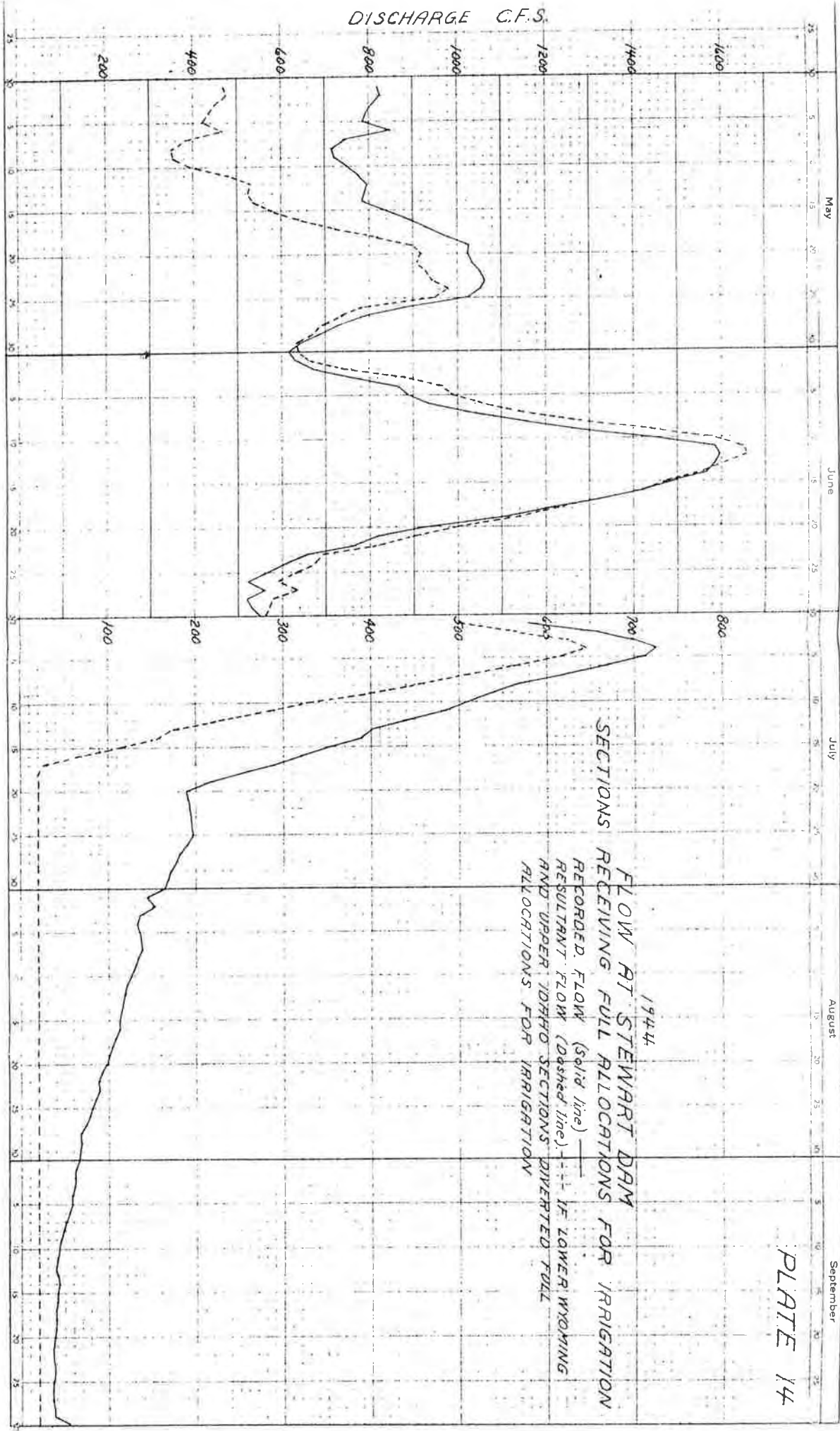
1944
FLOW ABOVE MOUTH OF SMITHS FORK

COMPUTED ACTUAL FLOW (Solid line) —
COMPUTED RESULTANT FLOW UNDER
COMPACT IRRIGATION AND COMPACT
IRRIGATION ALLOCATIONS ARE
FILLED (Dashed line) - - - - -
COMPUTED RESULTANT FLOW IF COMPACT
ALLOCATIONS FOR IRRIGATION ARE
FILLED (Dotted line)

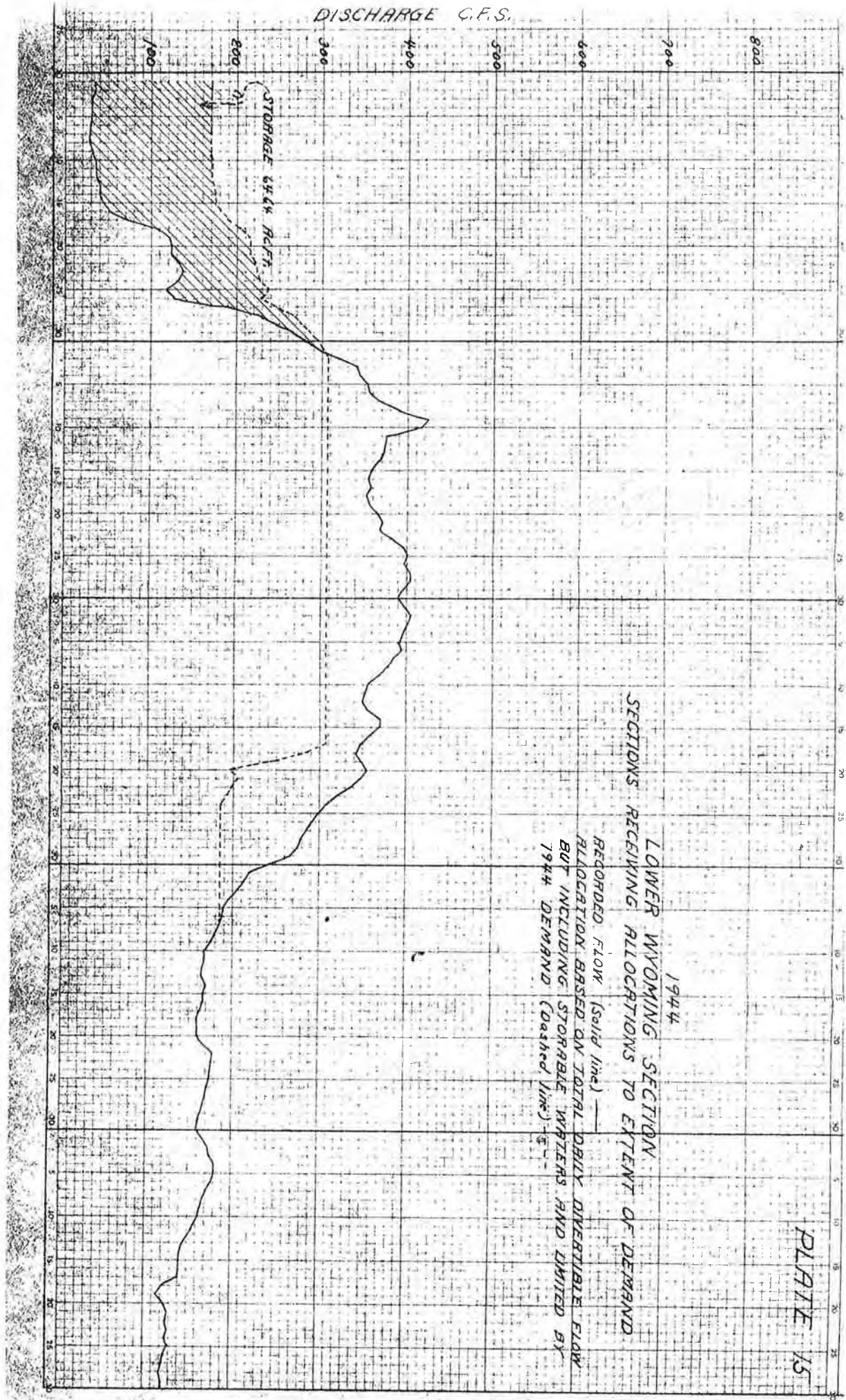
DISCHARGE C.F.S.





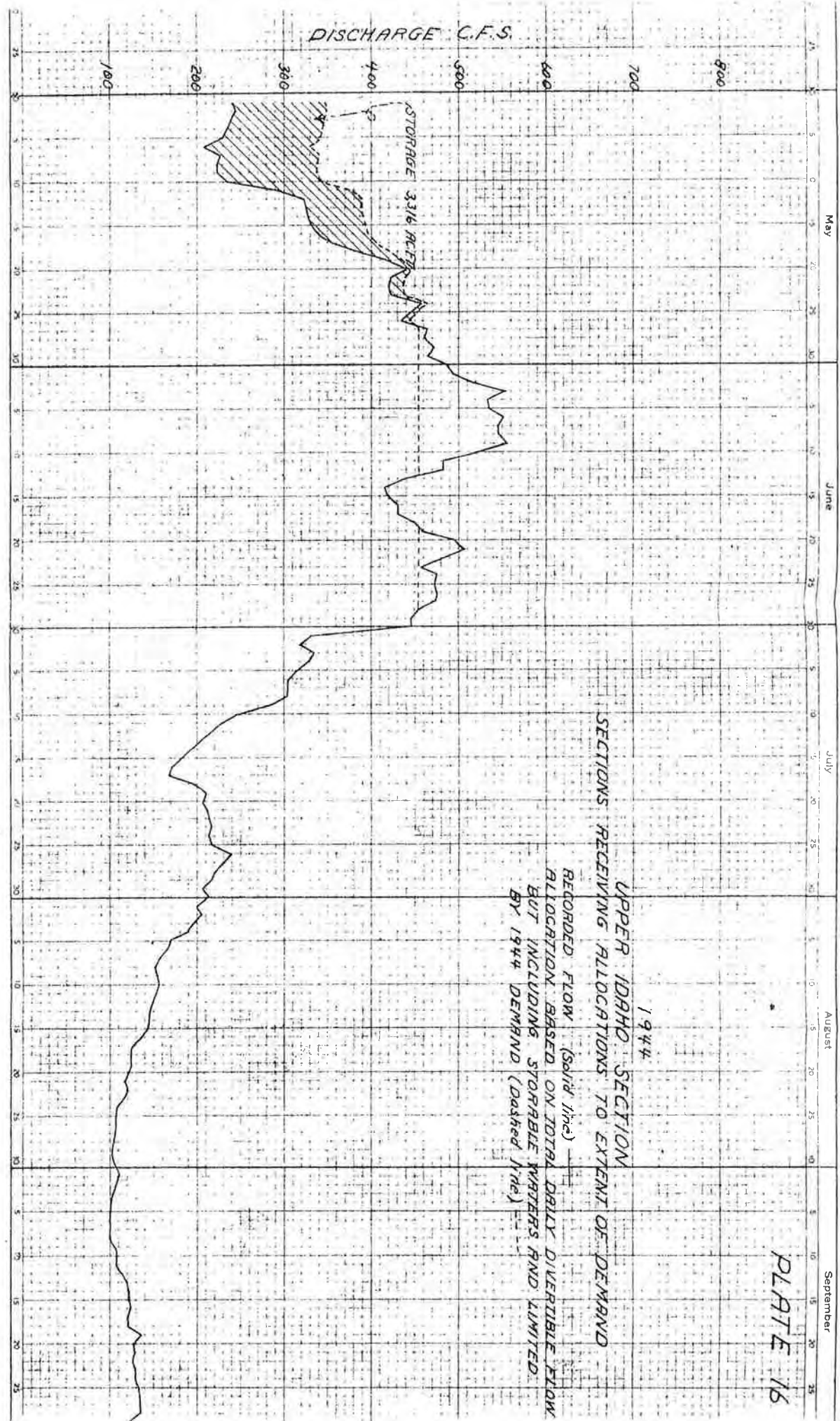


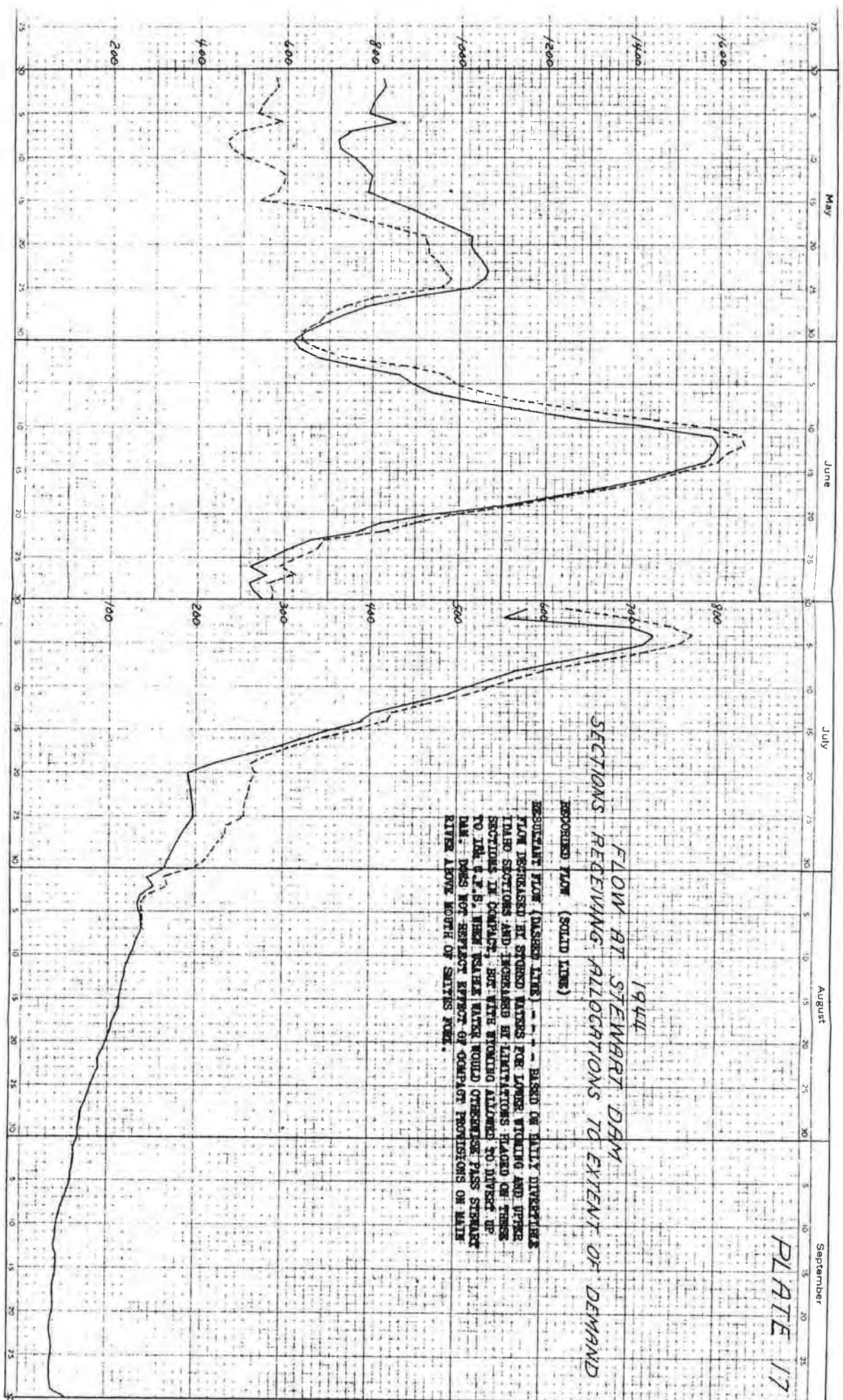
DISCHARGE C.F.S.



1944
LOWER WYOMING SECTION
SECTIONS RECEIVING ALLOCATIONS TO EXTENT OF DEMAND
RECORDED FLOW (Solid line) —
ALLOCATION BASED ON TOTAL DAILY DIVERTIBLE FLOW
BUT INCLUDING STORAGE WATERS AND LIMITED BY
1944 DEMAND (Dashed line) - -

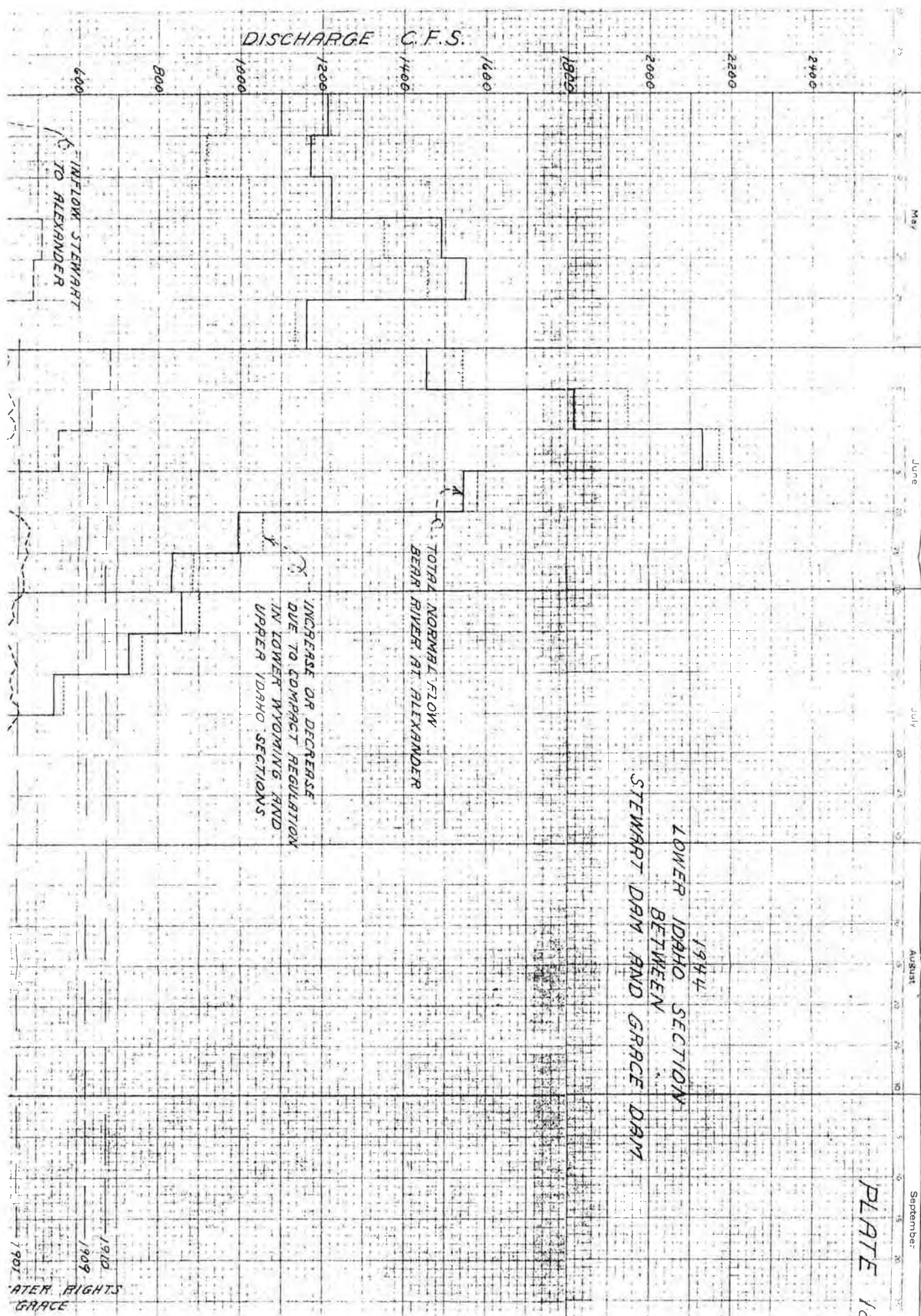
1944
UPPER IDAHO SECTION
SECTIONS RECEIVING ALLOCATIONS TO EXTENT OF DEMAND
RECORDED FLOW (Solid line)
ALLOCATION BASED ON TOTAL DAILY DIVERTIBLE FLOW
BUT INCLUDING STORABLE WATERS AND LIMITED
BY 1944 DEMAND (Dashed line)

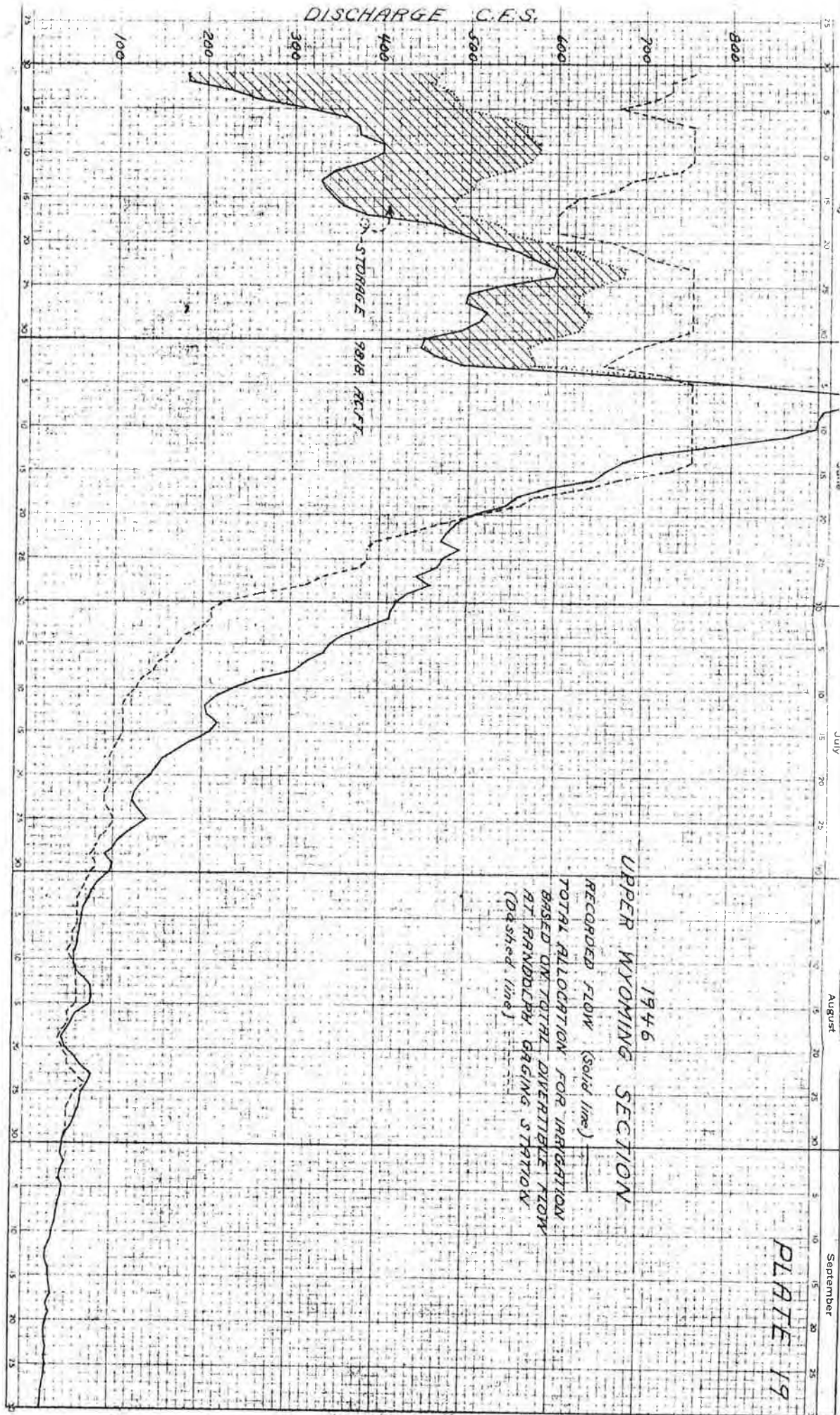




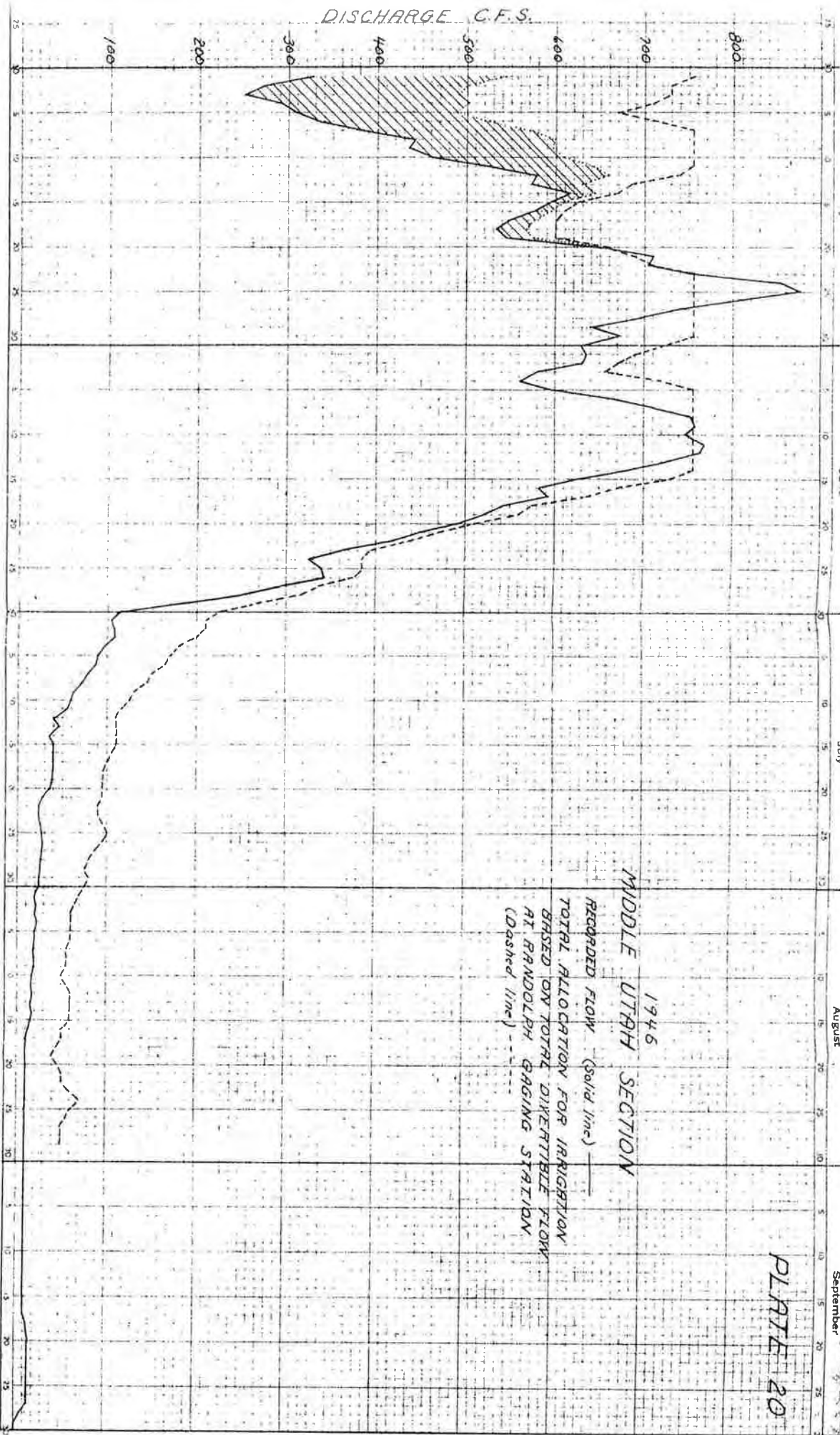
1944
 FLOW AT STEWART DAM
 SECTIONS RECEIVING ALLOCATIONS TO EXTENT OF DEMAND

RECORDED FLOW (SOLID LINE)
 RESULTANT FLOW (DASHED LINE) - - - - - BASED ON DAILY DIVERGENCE
 FLOW DECREASED BY STORED WATERS FOR LOWER STREAMING AND UPPER
 FLOW SECTIONS AND INCREASED BY LIMITATIONS PLACED ON THESE
 SECTIONS IN COMPLY, BUT WITH FLOWING ALLOWED TO DIRECT UP
 TO THE U.S. WHEN WATER WOULD OTHERWISE PASS STEWART
 DAM. DOES NOT REFLECT EFFECT OF COMPAOT PROVISIONS ON VALE
 RIVER ABOVE MOUTH OF SLITS FOR.





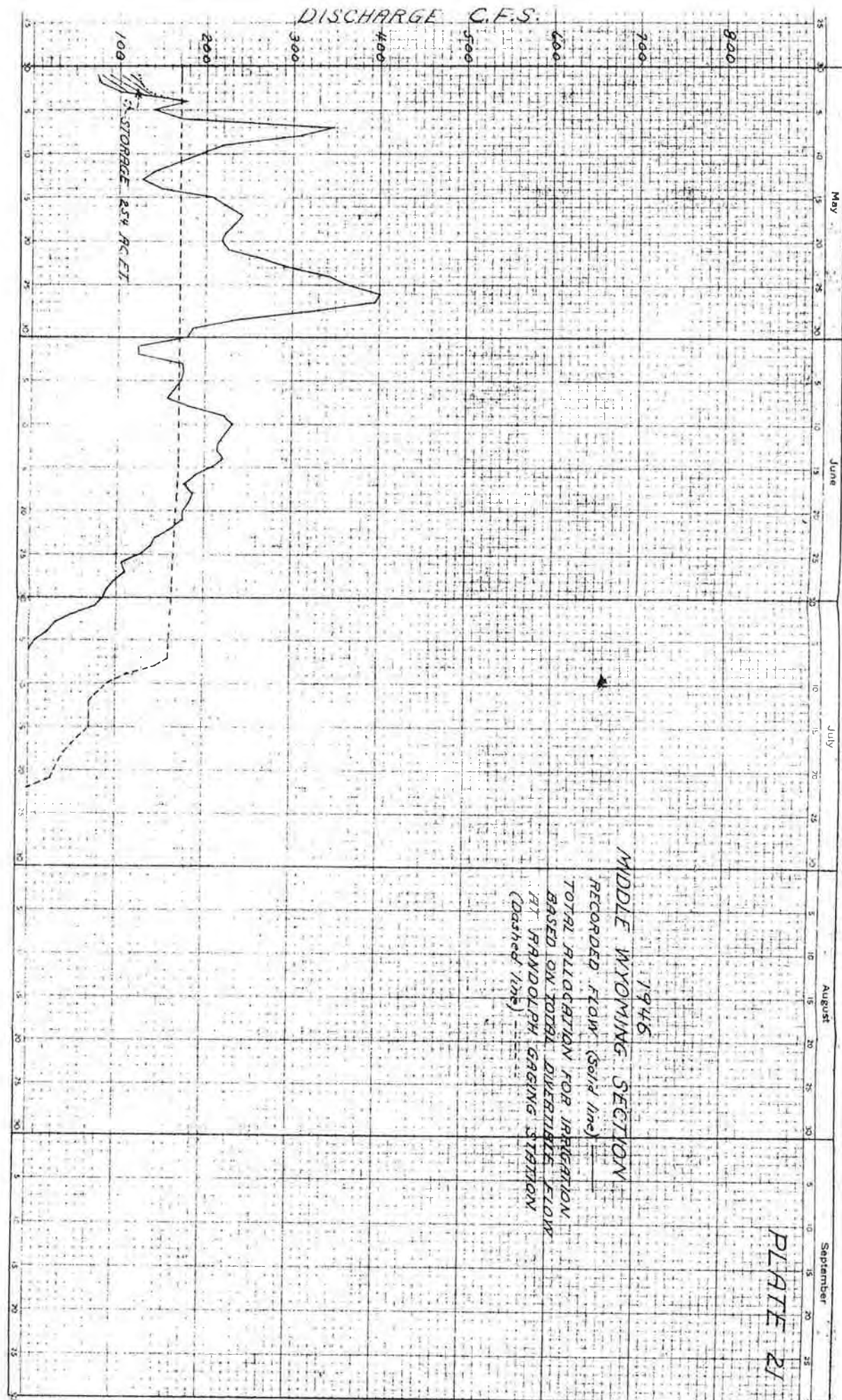
DISCHARGE C.F.S.



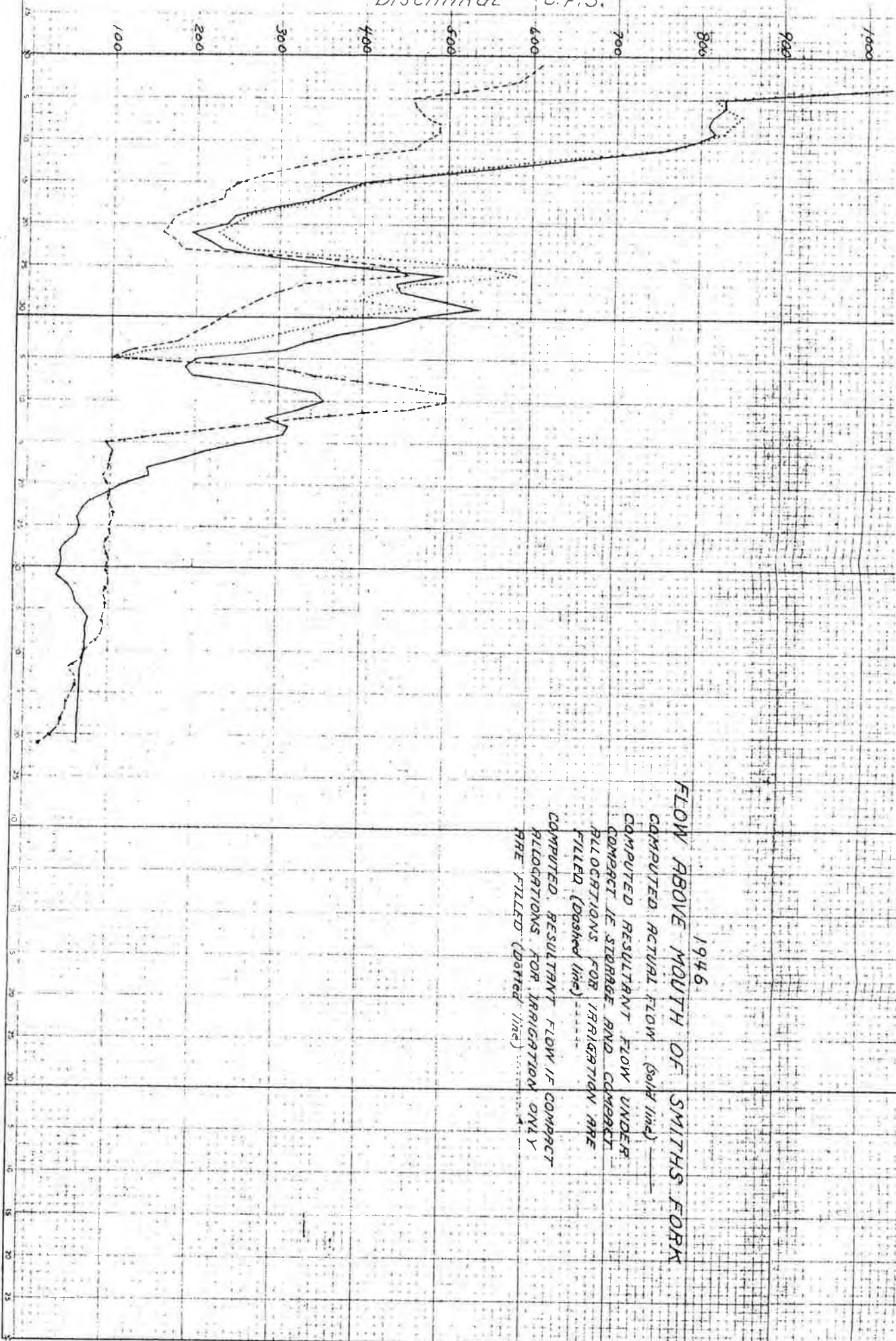
1946
MIDDLE UTAH SECTION

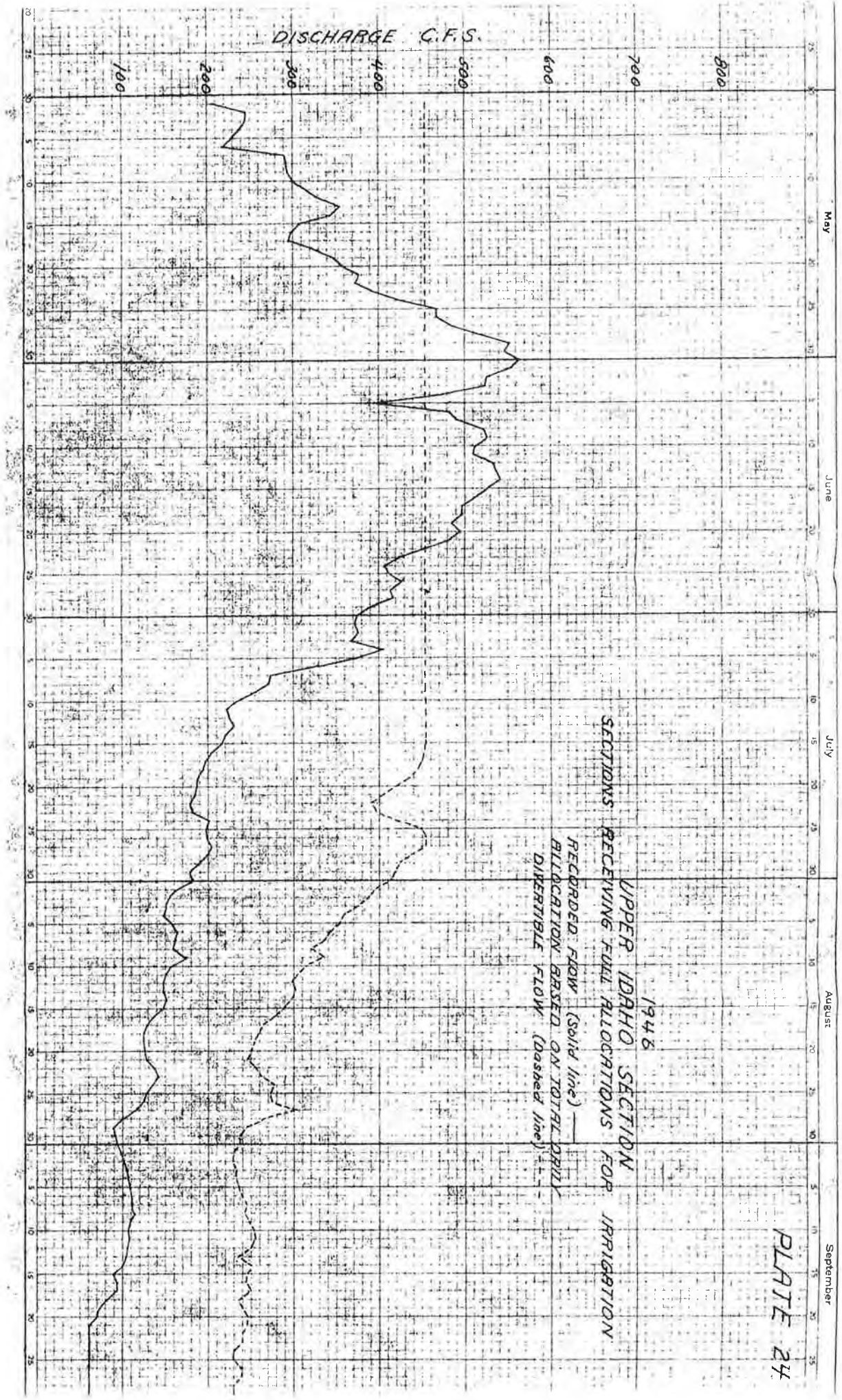
RECORDED FLOW (Solid line) —
TOTAL ALLOCATION FOR IRRIGATION
BASED ON TOTAL DIVERTEBLE FLOW
AT RANDOLPH GAGING STATION
(Dashed line) - - - - -

PLATE 20



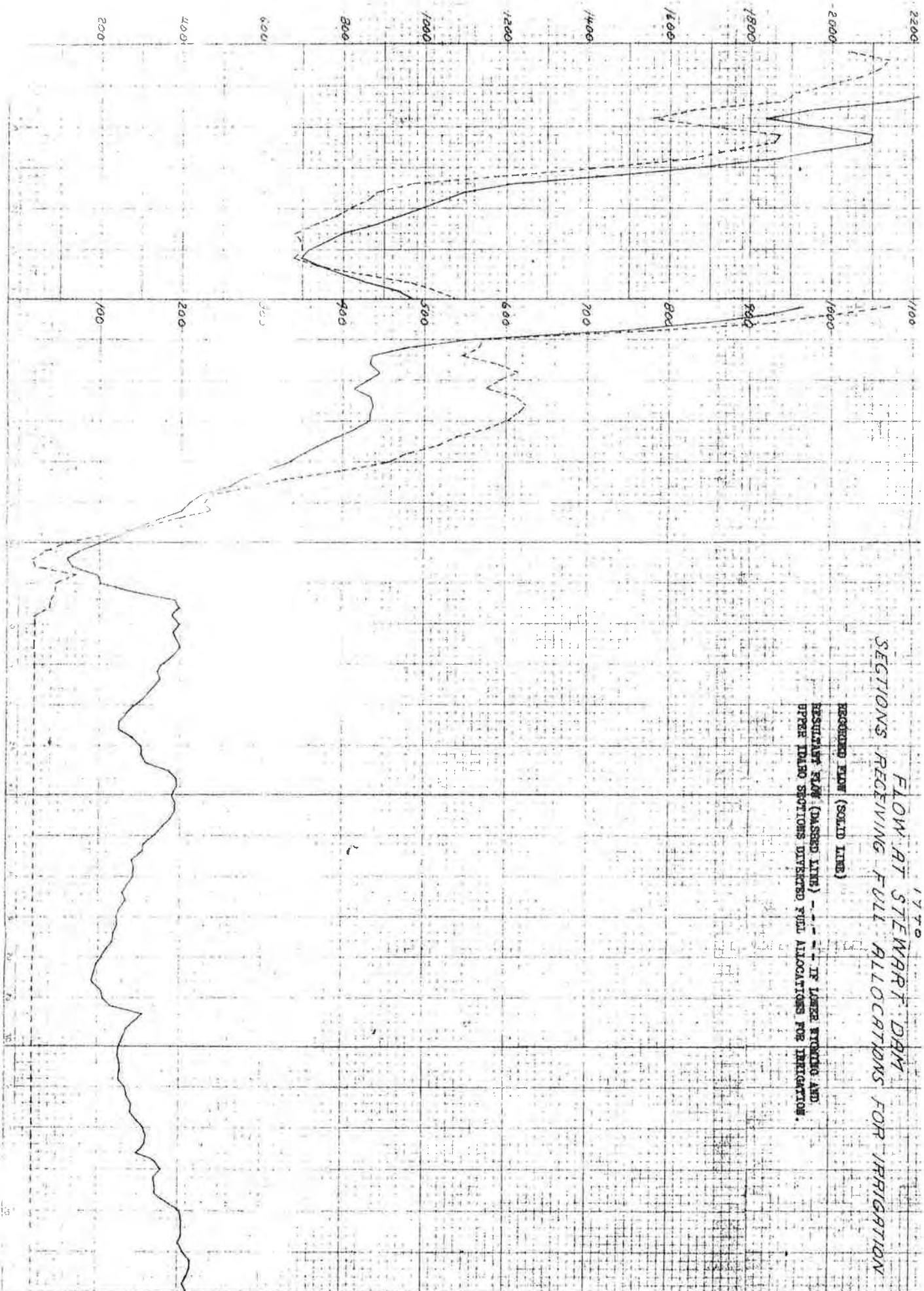
DISCHARGE C.F.S.



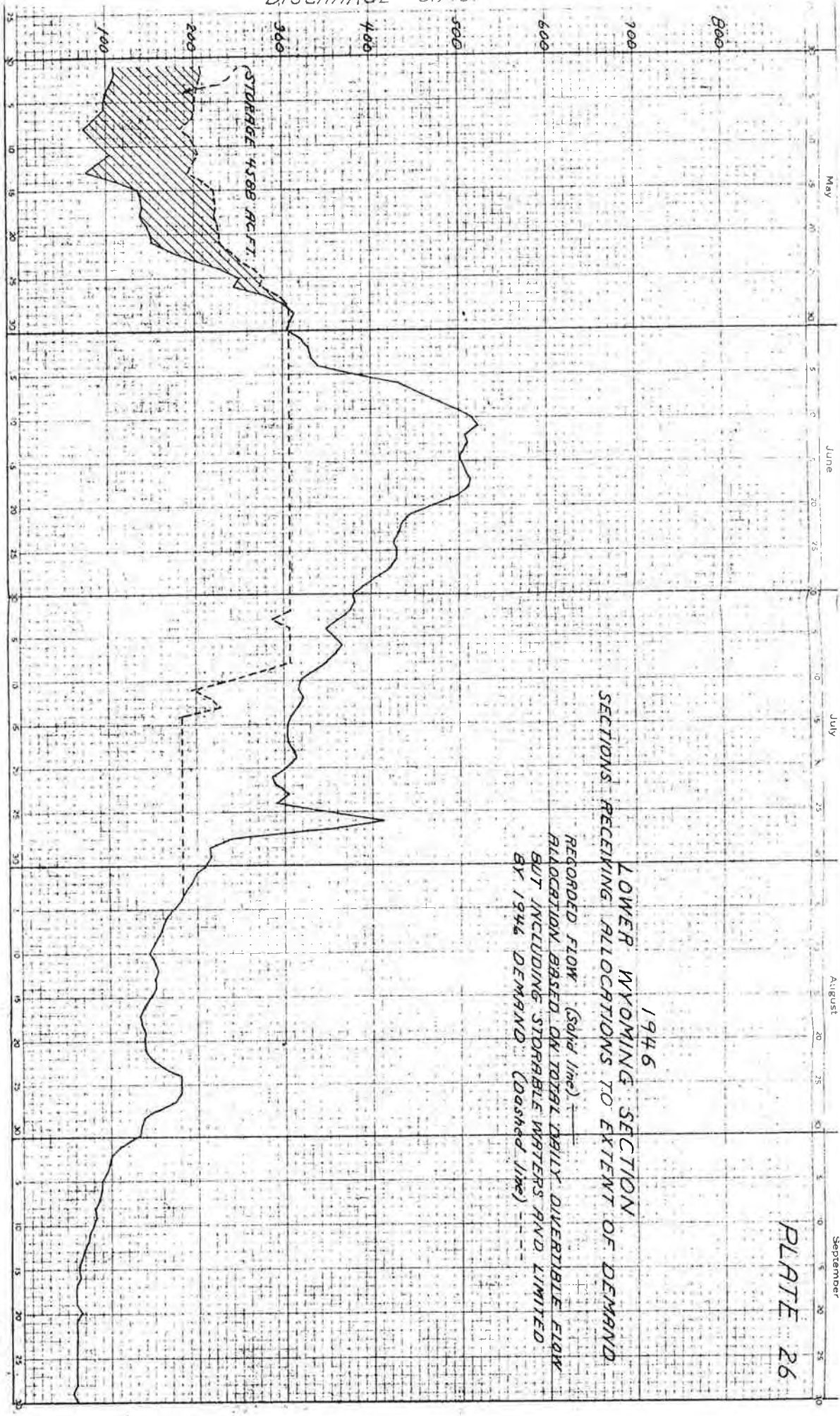


1770 FLOW AT STEWART DAM SECTIONS RECEIVING FULL ALLOCATIONS FOR IRRIGATION

RECORDED FLOW (SOLID LINE)
 REQUIRED FLOW (DASHED LINE) - - - IF LOWER FLOWING AND
 UPPER DAM SECTION DIVERTED FULL ALLOCATIONS FOR IRRIGATION.



DISCHARGE C.F.S.



1946
LOWER WYOMING SECTION
SECTIONS RECEIVING ALLOCATIONS TO EXTENT OF DEMAND
RECORDED FLOW (Solid line)
ALLOCATION BASED ON TOTAL DAILY DIVERTIBLE FLOW
BUT INCLUDING STORABLE WATERS AND LIMITED
BY 1946 DEMAND (Dashed line)

DISCHARGE C.F.S.

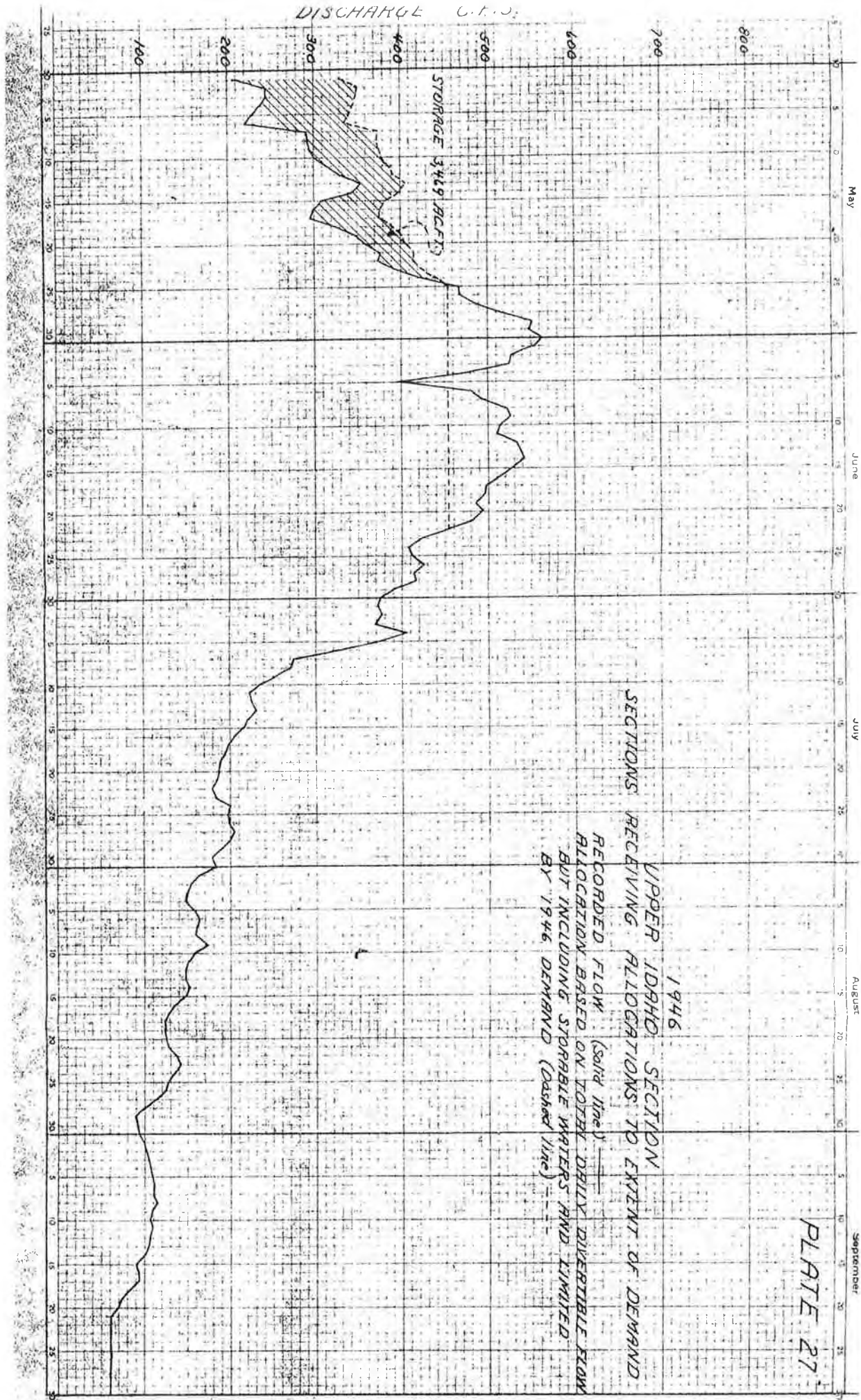
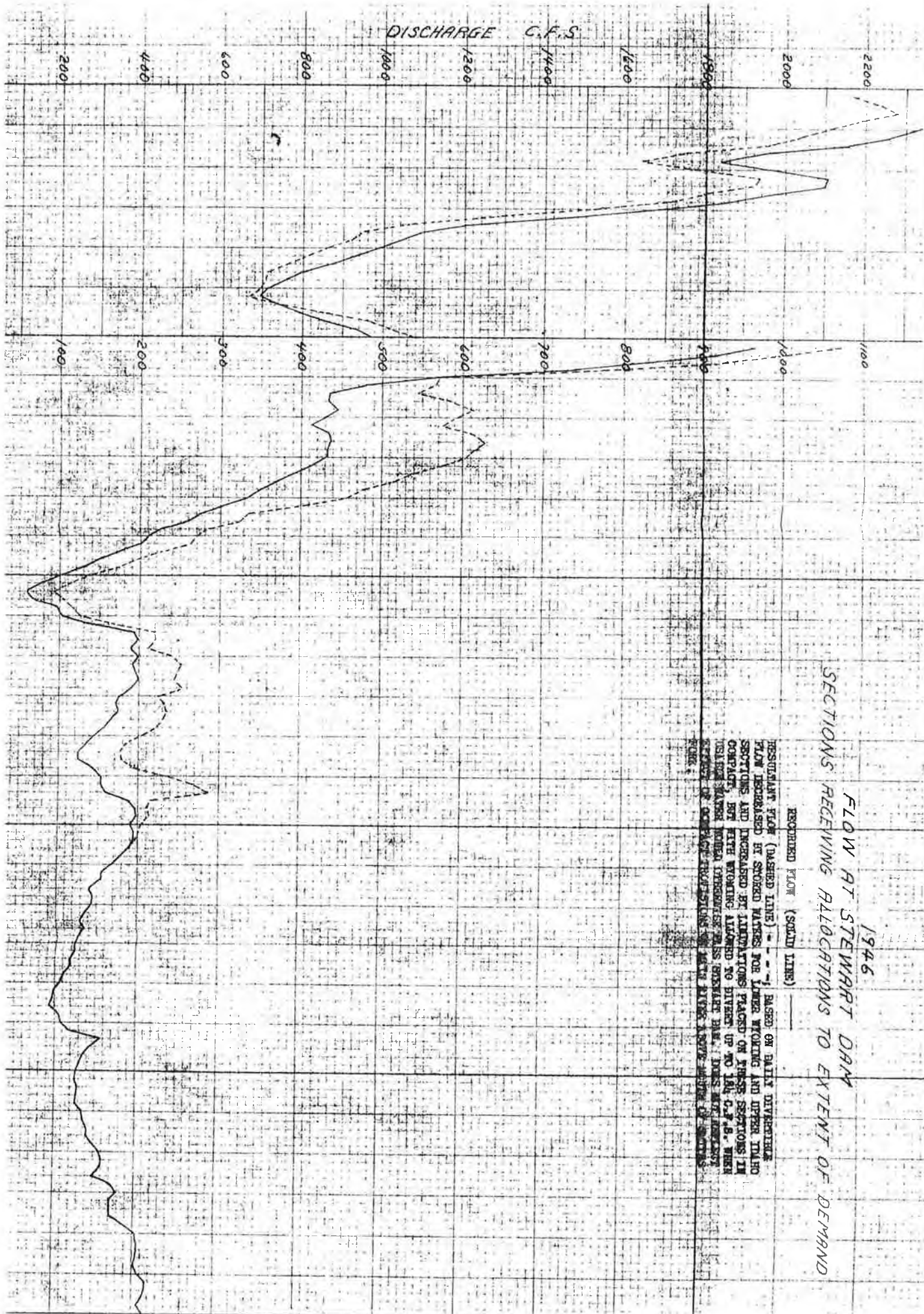
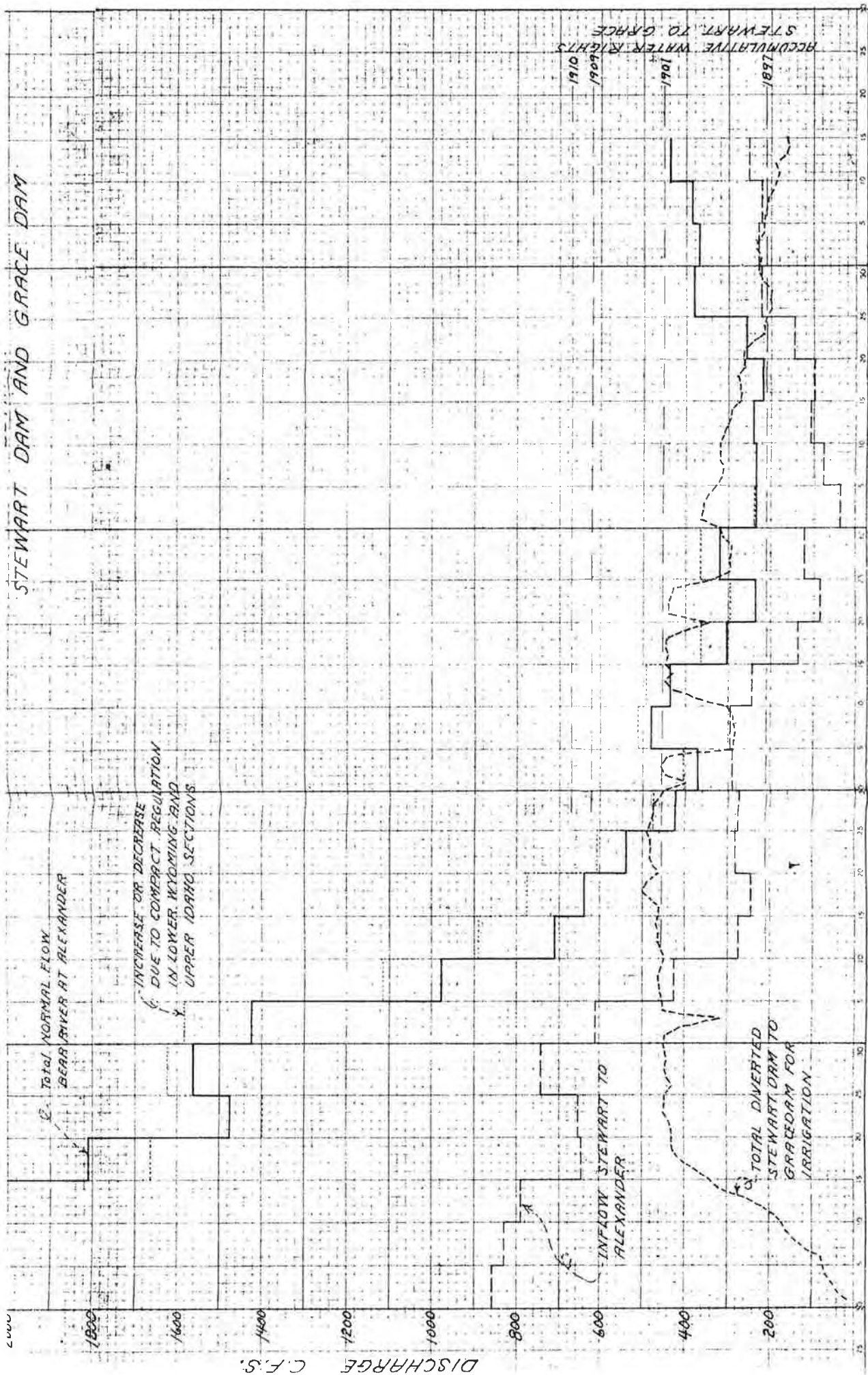


PLATE 27





DAILY DIVERSIONS IN SECTIONS, TOTAL DAILY DIVERITBLE AND COMPACT ALLOCATIC

MAY 1944		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
RECORDED FLOW																												
UPPER UTAH CANALS		5	5	5	5	5	5	5	5	7	8	8	9	10	11	12	12	8	6	7	6	6	6	6	7	7		
STATE LINE TO MILLIS		30	30	26	22	27	32	38	48	59	71	84	103	125	130	113	192	177	150	145	123	103	77	70	65	71		
MILLIS TO EVANSTON		64	62	60	58	55	56	60	65	74	83	90	95	102	107	114	114	112	107	103	99	96	93	92	86	92		
EVANSTON TO WOODRUFF		28	27	25	23	22	24	25	26	30	35	42	49	56	65	74	72	69	65	58	52	47	42	50	59	64		
TOTAL UPPER WYOMING		127	124	116	108	109	117	129	144	169	197	224	256	293	333	313	390	366	333	313	285	252	218	217	217	228		
MIDDLE UTAH																												
BEAR RIVER NEAR RANDOLPH		296	334	345	344	339	340	341	342	361	376	398	479	496	603	624	694	755	792	859	801	670	563	603	728	769		
RANDOLPH TOTAL DIVERITBLE		1015	1068	1080	1065	942	913	911	904	1066	1132	1202	1372	1509	1576	1783	1910	2031	2119	2222	2216	2102	1311	1547	1513	1536		
MIDDLE WYOMING		50	50	51	51	45	44	45	50	59	67	74	78	93	117	129	149	173	193	237	245	245	242	203	119	80		
COMPACT - SECTIONS RECEIVING																												
UPPER WYOMING		435	460	470	460	400	385	400	425	460	495	530	615	680	756	756	756	756	756	756	756	756	756	700	665	720		
MIDDLE WYOMING		435	460	470	460	400	385	400	425	460	495	530	615	680	756	756	756	756	756	756	756	756	756	700	665	720		
MIDDLE WYOMING		161	161	161	161	161	161	161	161	161	166	166	166	171	171	171	171	171	171	171	171	171	171	171	171	171		
STORAGE BENEFIT AND ALLOCATION																												
UPPER WYOMING IRRIGATION		127	124	116	108	109	117	129	144	169	197	224	256	293	333	313	390	366	333	313	285	252	218	217	217	228		
UPPER WYOMING STORAGE		154	154	177	176	145	134	136	110	145	149	153	180	194	194	194	194	190	209	222	236	252	269	262	234	246		
MIDDLE UTAH IRRIGATION		296	334	345	344	339	340	341	342	361	376	398	479	496	603	624	694	755	792	859	801	670	563	603	728	769		
MIDDLE UTAH STORAGE		70	63	62	58	30	22	30	42	50	50	46	48	92	76	61	31	0	0	0	0	0	0	0	0	0		
BEAR RIVER NEAR RANDOLPH		368	379	380	379	319	300	306	325	311	350	351	389	434	452	533	612	720	815	931	939	842	568	398	377	332		
MIDDLE WYOMING IRRIGATION		50	50	51	51	45	44	45	50	59	67	74	78	94	117	129	149	171	193	237	245	245	242	203	119	80		
MIDDLE WYOMING STORAGE		50	50	55	55	58	58	58	55	51	50	46	48	92	76	61	31	0	0	0	0	0	0	0	0	0		
COMPACT GAIN TO SMITHS FV.		313	324	324	323	266	248	253	271	291	293	306	337	380	393	474	562	669	765	880	888	791	517	331	326	341		
EST. ACTUAL GAIN TO SU. FK.		50	50	50	50	50	50	50	50	50	60	65	70	80	90	95	110	125	140	170	175	175	175	175	175	175		
COMP. ACTUAL FLOW SU. FK.		592	610	618	612	499	462	477	508	537	552	571	629	702	713	752	787	862	931	983	1060	1110	953	663	536	519		
JUNE 1944																												
RECORDED FLOW																												
UPPER UTAH CANALS		9	9	8	7	7	7	7	7	8	8	8	8	8	8	8	8	7	7	8	11	20	18	23	38	39		
STATE LINE TO MILLIS		253	219	244	218	194	177	190	197	207	205	206	209	217	243	256	276	242	272	276	301	311	288	283	245	280		
MILLIS TO EVANSTON		105	106	108	112	114	115	116	115	117	122	129	135	141	146	156	163	175	187	187	200	198	191	185	183	183		
EVANSTON TO WOODRUFF		188	190	136	176	166	159	161	170	164	169	153	194	204	212	211	221	237	239	245	249	263	251	233	213	220		
TOTAL UPPER WYOMING		555	544	546	513	481	454	475	489	496	504	526	550	572	609	633	668	690	692	715	761	732	748	724	724	722		
MIDDLE UTAH																												
BEAR RIVER NEAR RANDOLPH		984	964	976	941	931	781	746	757	786	784	779	755	753	754	740	730	697	662	687	687	676	746	730	709	723		
RANDOLPH TOTAL DIVERITBLE		2209	2442	2572	2654	2652	2499	2361	2139	2149	2130	2175	2175	2274	2237	2153	2118	2037	2044	2003	1948	1919	1947	1937	1919	1893		
MIDDLE WYOMING		216	265	364	412	440	459	463	356	271	235	232	268	285	310	269	230	208	224	219	193	164	169	182	200	194		
COMPACT - SECTIONS RECEIVING																												
UPPER WYOMING		756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756		
MIDDLE UTAH		756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756		
MIDDLE WYOMING		171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171		
STORAGE BENEFIT AND ALLOCATION																												
UPPER WYOMING IRRIGATION		555	554	546	513	481	459	475	489	496	504	526	550	572	609	630	668	690	692	715	761	732	746	730	709	723		
UPPER WYOMING STORAGE		100	101	105	122	138	149	140	134	130	126	115	103	92	74	63	44	38	32	20	0	0	0	0	0	0		
MIDDLE UTAH IRRIGATION		756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756		
MIDDLE UTAH STORAGE		756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756		
RANDOLPH TOTAL DIVERITBLE		2209	2442	2572	2654	2652	2499	2361	2139	2149	2130	2175	2175	2274	2237	2153	2118	2037	2044	2003	1948	1919	1947	1937	1919	1893		
MIDDLE WYOMING		216	265	364	412	440	459	463	356	271	235	232	268	285	310	269	230	208	224	219	193	164	169	182	200	194		

MIDDLE UTAH	295	334	345	344	339	340	341	342	361	375	399	479	496	603	624	694	755	792	859	801	670	563	603	728
BEAR RIVER NEAR RANDOLPH	592	610	612	613	624	656	672	508	535	552	580	637	720	740	786	826	910	989	1050	1130	1180	1030	727	568
RANDOLPH TOTAL DIVERGIBLE	1015	1068	1080	1065	912	913	921	994	1066	1132	1202	1312	1509	1575	1783	1910	2031	2119	2222	2216	2102	1311	1547	1513
MIDDLE WYOMING	50	50	51	51	45	44	45	50	59	67	74	78	98	117	129	149	173	198	237	245	245	242	203	113
COMPACT - SECTIONS RECEIVING																								
FULL ALLOCATIONS FOR IRRIGATION																								
UPPER WYOMING	435	460	470	460	400	385	400	425	460	495	530	615	680	756	756	756	756	756	756	756	756	756	700	685
MIDDLE UTAH	435	460	470	460	400	385	400	425	460	495	530	615	680	756	756	756	756	756	756	756	756	756	700	685
MIDDLE WYOMING	161	161	161	161	161	161	161	161	161	166	166	166	171	171	171	171	171	171	171	171	171	171	171	171
COMPACT - SECTIONS RECEIVING																								
STORAGE BENEFIT AND ALLOCATION FOR IRRIGATION																								
UPPER WYOMING IRRIGATION	127	124	116	109	109	117	128	144	159	197	224	256	293	333	373	370	366	338	313	285	252	218	217	217
UPPER WYOMING STORAGE	154	158	177	176	145	134	136	140	145	149	153	130	124	122	132	153	190	209	222	236	252	289	242	234
MIDDLE UTAH IRRIGATION	296	334	345	344	339	340	341	342	341	376	398	479	486	503	524	594	755	756	756	756	756	756	700	685
MIDDLE UTAH STORAGE	70	63	62	58	30	22	30	42	50	60	66	68	92	76	61	31	0	0	0	0	0	0	0	0
BEAR RIVER NEAR RANDOLPH	368	379	380	379	312	300	306	325	341	350	361	389	434	452	533	612	720	814	931	939	842	568	348	377
MIDDLE WYOMING IRRIGATION	50	50	51	51	45	44	45	50	59	67	74	78	98	117	129	149	171	171	171	171	171	171	171	171
MIDDLE WYOMING STORAGE	57	55	55	55	58	58	58	58	51	50	50	50	36	27	21	11	120	120	120	120	120	120	120	120
COMPACT GAIN TO SMITHS FV.	50	50	50	50	50	50	50	50	60	60	65	70	80	90	95	110	125	140	170	175	175	175	175	175
COMPUTED FLOW AT SMITHS FV.	313	324	324	323	266	253	271	271	291	293	306	337	380	398	478	562	669	765	880	884	791	517	337	325
EST. ACTUAL GAIN TO SM. FV.	50	50	50	50	50	50	50	50	60	60	65	70	80	90	95	110	125	140	170	175	175	175	175	175
COMP. ACTUAL FLOW SM. FV.	592	610	612	613	624	656	672	508	535	552	580	637	720	740	786	826	910	989	1050	1130	1180	1030	727	568

JUNE 1944

UPPER UTAH CANALS		9	9	9	7	7	7	7	8	8	8	8	8	8	8	8	7	7	8	11	20	19	23	34
STATE LINE TO MILITS	253	249	246	218	194	177	190	197	207	205	206	209	217	213	256	276	274	272	276	301	311	283	243	245
MILITS TO EVANSTON	105	106	106	112	114	115	116	115	117	122	128	135	141	146	155	163	162	175	187	200	198	171	175	
EVANSTON TO WOODRUFF	188	190	186	176	166	159	161	170	164	169	183	186	206	212	211	221	237	238	245	249	263	251	233	214
TOTAL UPPER WYOMING	553	534	546	513	481	454	475	489	496	504	526	550	572	609	630	648	640	642	716	751	732	748	724	724
MIDDLE UTAH	894	964	976	941	931	781	746	757	756	784	779	755	753	754	740	730	697	662	687	687	676	746	730	709
BEAR RIVER NEAR RANDOLPH	760	924	1050	1150	1240	1280	1110	892	867	892	870	870	949	874	793	750	720	690	600	500	450	453	483	496
RANDOLPH TOTAL DIVERGIBLE	2209	2442	2572	2654	2652	2499	2361	2138	2149	2130	2175	2175	2274	2237	2153	2149	2097	2044	2003	1948	1918	1947	1937	1919
MIDDLE WYOMING	216	265	364	412	440	459	463	356	291	295	282	268	285	310	269	230	208	224	219	193	164	169	182	200
COMPACT - SECTIONS RECEIVING																								
FULL ALLOCATIONS FOR IRRIGATION																								
UPPER WYOMING	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756
MIDDLE UTAH	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756
MIDDLE WYOMING	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171
STORAGE BENEFIT AND ALLOCATION FOR IRRIGATION																								
UPPER WYOMING IRRIGATION	555	554	546	513	481	458	475	489	496	504	526	550	572	609	630	648	640	642	716	756	756	756	756	756
UPPER WYOMING STORAGE	100	101	105	122	138	140	140	134	130	126	115	133	92	74	63	44	38	32	20	0	0	0	0	0
MIDDLE UTAH IRRIGATION	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756
MIDDLE UTAH STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BEAR RIVER NEAR RANDOLPH	798	1031	1165	1263	1277	1136	990	759	767	794	779	766	854	798	714	680	623	564	511	436	406	435	425	407
MIDDLE WYOMING IRRIGATION	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171
MIDDLE WYOMING STORAGE	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
COMPACT GAIN TO SMITHS FV.	747	980	1114	1212	1226	1085	939	706	716	713	727	715	803	747	663	629	572	513	460	385	355	384	374	356
EST. ACTUAL GAIN TO SM. FV.	155	190	275	320	340	360	365	355	215	215	205	135	210	230	195	155	150	160	150	140	120	120	130	140
COMP. ACTUAL FLOW SM. FV.	699	849	961	1056	1140	1161	1042	891	791	812	793	797	874	794	719	685	662	626	541	447	406	404	431	426

296	334	345	344	339	340	341	342	351	376	398	479	496	603	624	694	755	792	859	801	670	563	603	728	769	792	793	789	810	855	869	18150
592	610	619	613	494	456	472	508	534	559	580	637	720	740	786	826	910	989	1050	1130	1130	1030	727	568	599	650	662	675	656	666	701	2151
1015	1068	1080	1065	942	913	941	994	1066	1132	1202	1372	1509	1575	1783	1910	2031	2119	2222	2316	2102	1811	1547	1513	1586	1666	1726	1783	1863	1987	2093	47933
50	50	51	51	45	44	45	50	59	67	74	78	93	117	129	149	173	199	237	245	245	242	203	119	80	98	121	128	160	177	191	3754
ALL ALLOCATIONS FOR IRRIGATION																															
435	460	470	460	400	385	400	425	460	495	530	615	680	756	756	754	755	756	756	756	756	755	700	685	720	756	756	756	756	756	756	19563
435	460	470	460	400	385	400	425	460	495	530	615	680	756	756	754	755	756	756	756	756	755	700	685	720	756	756	756	756	756	756	19560
161	161	161	161	161	161	161	161	161	166	166	166	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	5136

9	9	8	7	7	7	8	7	8	8	8	8	8	8	8	8	7	7	8	11	20	18	23	34	39	44	39	36	36	36	490	
243	249	244	218	194	177	190	197	207	205	206	209	217	213	256	276	274	272	276	301	311	283	243	245	280	290	273	267	253	244	7422	
105	106	108	112	114	115	116	115	117	122	129	135	111	116	155	163	172	175	187	200	198	121	185	183	183	193	183	163	153	150	4500	
186	190	186	176	166	159	161	170	164	169	183	186	206	212	211	221	237	238	243	249	263	281	233	213	220	231	212	225	210	200	6222	
553	554	546	513	481	454	475	489	496	504	526	550	572	609	630	648	640	692	716	751	732	748	724	724	722	740	737	691	657	630	18640	
494	494	496	491	491	481	476	457	436	484	479	455	433	454	440	430	420	422	427	427	416	406	390	386	386	386	386	386	386	386	23454	
760	924	1050	1150	1240	1260	1140	892	867	892	870	870	949	874	793	750	720	690	600	500	450	453	483	486	448	416	480	574	724	763	23063	
2209	2442	2572	2654	2652	2499	2361	2138	2149	2130	2175	2175	2274	2237	2153	2143	2097	2044	2003	1948	1918	1947	1937	1919	1893	1912	2036	2151	2220	2109	65162	
215	265	364	412	440	459	463	356	291	295	232	268	285	310	269	230	208	224	219	193	164	169	182	200	194	186	230	277	352	417	8420	
ALL ALLOCATIONS FOR IRRIGATION																															
756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	22680	
756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	22680	
171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	5130	

COSTS BENEFIT AND ALLOCATION FOR IRRIGATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
19330	1836	22680	0	21626	5130	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756

UPPER WYOMING, MIDDLE UTAH AND MIDDLE WYOMING SECTIONS
IN SECTIONS, TOTAL DAILY DIVERTIBLE AND COMPACT ALLOCATIONS FOR 1944 30
24-HOUR SECOND-FOOT

30

30

24-HOUR SECOND- FEET

[illegible]

UPPER WYOMING, MIDDLE UTAH AND MIDDLE WYOMING SECTIONS. DAILY DIVERSIONS IN SECTIONS, TOTAL DAILY DIVERITIBLE AND COMPACT ALLOCA.

JULY 1944																									
RECORDED FLOWS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
UPPER UTAH CANALS *	37	38	39	37	34	36	38	38	36	36	36	45	45	44	44	49	48	46	45	43	44	46	45	43	4
STATE LINE TO MILLIS	236	230	220	209	221	209	204	223	217	215	203	199	211	200	185	186	199	196	198	203	198	198	180	159	1
MILLIS TO EVANSTON	145	136	126	111	96	83	78	70	73	74	76	77	79	72	62	57	52	52	54	61	59	57	48	39	1
EVANSTON TO WOODRUFF	196	197	191	180	173	155	134	115	99	95	87	84	88	76	64	55	44	36	39	46	50	44	36	30	2
TOTAL UPPER WYOMING	616	601	576	537	524	483	456	446	427	420	402	405	423	392	355	348	343	330	336	348	356	345	309	271	23
MIDDLE UTAH	715	700	681	655	608	552	506	466	381	352	321	276	369	308	239	214	176	134	119	111	111	98	82	68	6
BEAR RIVER NEAR RANDOLPH	650	544	486	448	426	378	282	252	220	217	183	154	105	112	114	122	104	103	101	95	91	85	78	72	6
RANDOLPH TOTAL DIVERITIBLE	1981	1845	1743	1640	1558	1413	1244	1164	1028	989	906	835	897	812	706	684	623	567	556	554	558	528	469	411	36
MIDDLE WYOMING	331	204	141	104	64	19	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPACT - SECTIONS RECEIVING	FULL ALLOCATIONS FOR IRRIGATION																								
UPPER WYOMING	756	756	756	750	705	635	550	510	440	425	380	345	375	335	285	270	240	210	205	205	210	195	165	140	13
MIDDLE UTAH	756	756	756	750	705	635	550	510	440	425	380	345	375	335	285	270	240	210	205	205	210	195	165	140	13
MIDDLE WYOMING	171	171	171	171	170	170	169	169	168	168	167	167	166	166	165	165	164	164	163	163	162	162	161	130	11
COMPACT - SECTIONS RECEIVING	STORAGE BENEFIT AND ALLOCATION FOR IRRIGATION																								
UPPER WYOMING IRRIGATION	756	756	756	750	705	635	550	510	440	425	380	345	375	335	285	270	240	210	205	205	210	195	165	140	13
UPPER WYOMING STORAGE	756	756	756	750	705	635	550	510	440	425	380	345	375	335	285	270	240	210	205	205	210	195	165	140	13
MIDDLE UTAH IRRIGATION	756	756	756	750	705	635	550	510	440	425	380	345	375	335	285	270	240	210	205	205	210	195	165	140	13
MIDDLE UTAH STORAGE	756	756	756	750	705	635	550	510	440	425	380	345	375	335	285	270	240	210	205	205	210	195	165	140	13
BEAR RIVER NEAR RANDOLPH	469	333	231	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	125	10
MIDDLE WYOMING IRRIGATION	171	171	171	171	170	170	169	169	168	168	167	167	166	166	165	165	164	164	163	163	162	162	161	130	11
MIDDLE WYOMING STORAGE	171	171	171	171	170	170	169	169	168	168	167	167	166	166	165	165	164	164	163	163	162	162	161	130	11
COMPACT GAIN TO SMITHS FK.	120	120	120	120	120	120	119	119	118	118	117	117	116	116	115	115	114	114	113	113	112	112	111	100	8
COMPUTED FLOW AT SMITHS FK.	446	282	180	90	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	95	7
EST. ACTUAL GAIN TO SW. FK.	245	150	110	80	60	55	55	55	55	55	50	50	50	50	50	50	50	50	50	50	45	45	45	4	4
COMP. ACTUAL FLOW SW. FK.	564	490	455	424	422	414	330	307	275	272	233	204	155	162	164	172	154	153	151	144	136	130	123	117	11
AUGUST 1944																									
RECORDED FLOWS	41	37	44	44	43	41	40	38	39	37	36	36	32	20	19	16	12	12	12	11	10	10	8	7	3
UPPER UTAH CANALS	41	37	44	44	43	41	40	38	39	37	36	36	32	20	19	16	12	12	12	11	10	10	8	7	3
STATE LINE TO MILLIS	70	65	59	54	49	45	41	36	32	39	29	29	27	25	27	24	36	39	35	31	31	30	29	29	3
MILLIS TO EVANSTON	6	5	4	4	3	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	3
EVANSTON TO WOODRUFF	4	3	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3
TOTAL UPPER WYOMING	121	110	109	104	97	90	85	77	73	78	66	66	60	46	47	41	52	52	48	43	43	42	40	39	4
MIDDLE UTAH	24	20	15	12	12	10	6	4	2	1	1	1	1	1	1	1	1	1	1	3	3	4	3	3	3
BEAR RIVER NEAR RANDOLPH	58	56	54	53	52	50	49	49	47	46	46	44	44	43	41	41	41	41	40	39	39	38	36	35	3
RANDOLPH TOTAL DIVERITIBLE	203	186	178	169	161	150	140	130	122	125	113	111	105	90	89	83	94	94	89	85	85	84	79	77	6
MIDDLE WYOMING	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPACT - SECTIONS RECEIVING	FULL ALLOCATIONS FOR IRRIGATION																								
UPPER WYOMING	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	40	40	40	40	40	40	4
MIDDLE UTAH	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	40	40	40	40	40	40	4
MIDDLE WYOMING	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	40	40	40	40	40	40	4
COMPACT - SECTIONS RECEIVING	STORAGE BENEFIT AND ALLOCATION FOR IRRIGATION																								
UPPER WYOMING IRRIGATION	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	40	40	40	40	40	40	4
UPPER WYOMING STORAGE	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	40	40	40	40	40	40	4
MIDDLE UTAH IRRIGATION	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	40	40	40	40	40	40	4
MIDDLE UTAH STORAGE	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	40	40	40	40	40	40	4

UPPER WYOMING, MIDDLE UTAH AND MIDDLE WYOMING SECTIONS
IN SECTIONS, TOTAL DAILY DIVERTIBLE AND COMPACT ALLOCATIONS FOR 1944

MONTH SECOND 1971																																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS	
37 236 145 198	38 230 136 197	39 220 126 191	37 209 111 180	34 221 96 173	36 204 83 155	40 204 78 134	38 223 70 115	38 217 73 99	36 215 74 95	36 203 76 87	45 199 77 84	45 211 79 88	44 200 72 76	44 185 62 64	49 186 57 56	48 199 52 44	46 196 52 36	45 198 54 39	43 198 61 46	44 203 59 50	46 198 57 44	45 180 48 36	43 159 39 30	41 142 31 23	41 135 24 16	42 116 20 13	49 97 14 10	45 84 14 10	43 78 12 7	42 74 10 5	1299 5625 1965 2408	
616	601	576	537	524	483	456	446	427	420	402	405	423	392	355	348	343	330	336	348	356	345	309	271	237	216	191	180	153	140	131	11297	
715	700	681	655	608	552	506	466	381	352	321	276	369	308	239	214	176	134	119	111	111	98	82	68	60	55	52	42	39	33	28	8551	
650	544	486	448	426	378	282	252	220	217	183	154	105	112	114	122	104	103	101	95	91	85	78	72	67	62	62	83	67	62	59	5884	
1981	1845	1743	1640	1558	1413	1244	1164	1028	989	906	835	897	812	708	684	623	567	556	554	558	528	469	411	364	333	305	305	259	235	218	25732	
331	204	141	104	64	19	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	870	
FULL ALLOCATIONS FOR IRRIGATION																																
756	756	756	750	705	635	550	510	440	425	380	345	375	335	285	270	240	210	205	205	210	195	165	140	130	125	115	115	100	95	95	10618	
756	756	756	750	705	635	550	510	440	425	380	345	375	335	285	270	240	210	205	205	210	195	165	140	130	125	115	115	100	95	95	10618	
171	171	171	171	170	170	169	169	168	168	167	167	166	166	165	165	164	164	163	163	162	162	161	130	130	110	90	80	80	40	30	3988	
STORAGE BENEFIT AND ALLOCATION FOR IRRIGATION																																
756	756	756	750	705	635	550	510	440	425	380	345	375	335	285	270	240	210	205	205	210	195	165	140	130	125	115	115	100	95	95	10618	
756	756	756	750	705	635	550	510	440	425	380	345	375	335	285	270	240	210	205	205	210	195	165	140	130	125	115	115	100	95	95	10618	
171	171	171	171	170	170	169	169	168	168	167	167	166	166	165	165	164	164	163	163	162	162	161	130	130	110	90	80	80	40	30	10618	
469	333	231	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	4418	
171	171	171	171	170	170	169	169	168	168	167	167	166	166	165	165	164	164	163	163	162	162	161	130	130	110	90	80	80	40	30	4418	
120	120	120	120	120	120	119	119	118	118	117	117	116	116	115	115	114	114	113	113	112	112	111	111	110	100	85	75	60	55	45	40	3204
418	282	180	90	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	3174	
245	150	110	80	60	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	1914	
564	490	455	424	422	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	414	6926	
41	37	44	44	43	41	40	38	39	37	36	36	32	20	19	16	12	12	12	11	10	10	8	7	9	12	13	12	11	11	11	724	
70	65	59	54	49	45	44	36	32	39	29	29	27	25	27	24	38	39	35	31	31	31	29	29	31	34	31	29	27	27	24	1116	
6	5	4	4	3	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	3	2	2	2	2	2	2	61	
4	3	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	36	
121	110	109	104	97	90	85	77	73	78	66	66	60	46	47	41	52	52	48	43	43	42	40	39	43	50	47	45	42	42	39	1937	
24	20	15	12	12	10	6	4	2	1	1	1	1	1	1	1	1	1	1	3	3	4	3	3	3	3	3	3	3	3	6	155	
58	56	54	53	52	50	49	49	47	46	46	44	44	43	41	41	41	41	40	39	39	38	36	35	34	33	33	31	31	31	31	1306	
203	186	178	169	161	150	140	130	122	125	113	111	105	90	89	83	94	94	89	85	85	84	79	77	80	86	83	79	76	76	76	3398	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FULL ALLOCATIONS FOR IRRIGATION																																
95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	45	40	40	40	40	40	40	40	40	40	40	40	40	0	
95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	45	40	40	40	40	40	40	40	40	40	40	40	40	0	
STORAGE BENEFIT AND ALLOCATION FOR IRRIGATION																																

[illegible]

BEAR RIVER NEAR RANDOLPH	650	511	486	418	426	378	282	252	400	381	354	341	276	369	308	239	221	176	134	119	111	111	98	82	68	60	
RANDOLPH TOTAL DIVERGIBLE	1981	1815	1713	1610	1558	1113	1211	1161	1028	989	906	835	897	812	708	681	623	567	556	554	558	528	469	411	361		
MIDDLE WYOMING	331	201	111	101	61	19	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
COMPACT - SECTIONS RECEIVING FULL ALLOCATIONS FOR IRRIGATION																											
UPPER WYOMING	756	756	756	750	705	635	550	510	410	425	380	345	375	335	285	270	210	210	205	205	210	195	165	110	130		
MIDDLE UTAH	756	756	756	750	705	635	550	510	410	425	380	345	375	335	285	270	210	210	205	205	210	195	165	110	130		
MIDDLE WYOMING	171	171	171	171	170	170	169	169	168	168	167	167	166	166	165	165	164	161	163	163	162	162	161	130	110		
COMPACT - SECTIONS RECEIVING STORAGE BENEFIT AND ALLOCATION FOR IRRIGATION																											
UPPER WYOMING IRRIGATION	756	756	756	750	705	635	550	510	410	425	380	345	375	335	285	270	210	210	205	205	210	195	165	110	130		
UPPER WYOMING STORAGE	756	756	756	750	705	635	550	510	410	425	380	345	375	335	285	270	210	210	205	205	210	195	165	110	130		
MIDDLE UTAH IRRIGATION	756	756	756	750	705	635	550	510	410	425	380	345	375	335	285	270	210	210	205	205	210	195	165	110	130		
MIDDLE UTAH STORAGE	169	333	231	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111		
BEAR RIVER NEAR RANDOLPH	169	333	231	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111		
MIDDLE WYOMING IRRIGATION	171	171	171	171	170	170	169	169	168	168	167	167	166	166	165	165	164	161	163	163	162	162	161	130	110		
MIDDLE WYOMING STORAGE	120	120	120	120	120	120	119	119	118	118	117	117	116	116	115	115	114	114	113	113	112	112	111	100	110		
COMPACT GAIN TO SMITHS FK.	1418	282	180	90	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91		
COMPUTED FLOW AT SMITHS FK.	215	150	110	80	60	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55		
EST. ACTUAL GAIN TO SM. FK.	561	490	455	421	422	411	330	307	275	272	233	201	155	162	161	172	191	153	151	141	136	123	117	112	112		

AUGUST 1944

RECORDED FLOWS																										
UPPER UTAH CANALS	41	37	44	44	43	41	40	38	39	37	36	36	32	20	19	16	12	12	12	11	10	10	8	7	9	
STATE LINE TO MILLIS	70	65	59	54	49	45	41	36	32	31	29	29	27	25	27	24	38	39	35	31	31	30	29	29	31	
MILLIS TO EVANSTON	6	5	4	4	3	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	
EVANSTON TO WOODRUFF	1	3	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	
TOTAL UPPER WYOMING	121	110	109	104	97	90	85	77	73	78	66	66	60	46	47	41	52	52	48	43	43	42	40	39	43	
MIDDLE UTAH	24	20	15	12	12	10	6	4	2	1	1	1	1	1	1	1	1	1	1	3	3	4	3	3	3	
BEAR RIVER NEAR RANDOLPH	58	56	54	53	52	50	49	49	47	46	46	44	44	43	41	41	41	41	40	39	39	38	36	35	34	
RANDOLPH TOTAL DIVERGIBLE	203	186	178	169	161	150	140	130	122	125	113	111	105	90	89	83	94	94	89	85	85	84	79	77	80	
MIDDLE WYOMING	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
COMPACT - SECTIONS RECEIVING FULL ALLOCATIONS FOR IRRIGATION																										
UPPER WYOMING	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	45	40	40	40	40	40	40	40
MIDDLE UTAH	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	45	40	40	40	40	40	40	40
MIDDLE WYOMING	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	45	40	40	40	40	40	40	40
STORAGE BENEFIT AND ALLOCATION FOR IRRIGATION																										
UPPER WYOMING IRRIGATION	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	45	40	40	40	40	40	40	40
UPPER WYOMING STORAGE	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	45	40	40	40	40	40	40	40
MIDDLE UTAH IRRIGATION	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	45	40	40	40	40	40	40	40
MIDDLE UTAH STORAGE	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	45	40	40	40	40	40	40	40
BEAR RIVER NEAR RANDOLPH	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	45	40	40	40	40	40	40	40
MIDDLE WYOMING IRRIGATION	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	45	40	40	40	40	40	40	40
MIDDLE WYOMING STORAGE	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	45	40	40	40	40	40	40	40
COMPACT GAIN TO SMITHS FK.	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	45	40	40	40	40	40	40	40
COMPUTED FLOW AT SMITHS FK.	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	45	40	40	40	40	40	40	40
EST. ACTUAL GAIN TO SM. FK.	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	45	40	40	40	40	40	40	40
COMP. ACTUAL FLOW SM. FK.	95	90	85	80	80	75	70	65	60	60	55	55	50	45	45	40	45	45	45	40	40	40	40	40	40	40
HILLIARD EAST FORK CANAL TAYLOR CANAL AND IRRIGATION UNDER STUDY																										

* HILLIARD EAST FORK CANAL, LANNON CANAL, AND HILLIARD WEST SIDE CANAL

24-HOUR SECOND-FEET

IMPACT - SECTIONS RECEIVING	IMPACT - SECTIONS RECEIVING
UPPER WYOMING	UPPER WYOMING
MIDDLE UTAH	MIDDLE UTAH
MIDDLE WYOMING	MIDDLE WYOMING
APPROX - SECTIONS RECEIVING	APPROX - SECTIONS RECEIVING
UPPER WYOMING IRRIGATION	UPPER WYOMING IRRIGATION
UPPER WYOMING STORAGE	UPPER WYOMING STORAGE
MIDDLE UTAH IRRIGATION	MIDDLE UTAH IRRIGATION
MIDDLE UTAH STORAGE	MIDDLE UTAH STORAGE
BEAR RIVER NEAR RADELOPH	BEAR RIVER NEAR RADELOPH
MIDDLE WYOMING STORAGE	MIDDLE WYOMING STORAGE
KIDDEE WYOMING STORAGE	KIDDEE WYOMING STORAGE
CONTRACT GAIN TO SMITHS FR	CONTRACT GAIN TO SMITHS FR
COMPUTED FLOW AT SMITHS FR	COMPUTED FLOW AT SMITHS FR
EST. ACTUAL GAIN TO SV. FR	EST. ACTUAL GAIN TO SV. FR
CONF. ACTUAL FLOW ST. FR.	CONF. ACTUAL FLOW ST. FR.

24-HOUR SECOND- FEET																															T-TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
10	10	9	9	10	10	10	10	10	10	9	20	8	8	8	8	8	9	11	11	10	9	9	9	9	8	7	7	7	8	10	270
21	19	15	12	10	10	10	12	10	22	20	20	19	19	19	18	19	20	21	23	25	25	25	25	26	26	26	27	27	28	28	601
1	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	104
2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	2	2	2	2	2	39
34	33	26	25	25	25	25	27	30	36	34	33	32	31	31	31	31	33	36	35	32	36	39	39	39	39	36	39	39	40	43	1014
6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	201
30	29	29	30	29	29	28	28	28	27	27	27	26	26	26	25	26	26	26	28	28	27	26	26	26	26	26	25	24	27	27	811
10	66	63	61	60	60	59	61	64	71	67	67	65	64	64	63	65	66	71	73	73	71	72	72	72	71	72	71	72	78	78	2026
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11. ALLOCATIONS FOR IRRIGATION																															0
PAGE SEVENTEEN AND ALLOCATION FOR IRRIGATION																															

LOWER WYOMING AND UPPER IDAHO SECTIONS
DAILY DIVERSIONS IN SECTIONS, TOTAL DAILY DIVERTEIBLE AND COMPACT ALLOCAT
24-HOUR SECOND- FEET

MAY 1944	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
RECORDED FLOWS																									
DIVERGED SMITHS FORK	26	27	26	26	25	25	25	24	26	29	28	27	30	31	32	34	36	35	33	34	34	41	49	51	45
DIVERGED BEAR RIVER	6	5	4	4	4	4	4	5	5	6	7	8	8	10	11	19	35	70	88	89	90	92	90	100	123
TOTAL LOWER WYOMING	32	32	30	30	29	29	29	28	31	35	35	35	38	41	43	53	71	105	121	123	124	133	139	151	166
DIVERGED BORDER TO HARER	29	29	29	29	34	33	33	33	34	34	35	35	37	37	39	39	47	48	55	76	79	78	80	80	77
DIVERGED HARER TO STEWART	213	214	211	207	196	175	195	192	191	200	261	288	288	291	292	301	311	339	364	366	344	343	342	377	371
TOTAL UPPER IDAHO	242	243	240	236	230	208	228	225	225	234	296	323	325	328	331	340	358	387	419	442	423	421	422	457	448
RAINBOW CANAL	806	810	793	780	772	837	734	705	709	738	763	785	776	780	819	868	913	960	1010	1010	1040	1050	1040	1010	1010
BEAR RIVER BELOW STEWART	13	12	12	12	12	12	12	12	13	13	13	13	14	14	14	14	15	15	15	14	13	12	12	13	13
TOTAL PASSING STEWART	819	822	805	792	784	849	746	717	722	751	776	798	790	794	833	882	928	975	1025	1024	1033	1052	1062	1053	1023
TOTAL MEASURED DIVERTEIBLE	1093	1097	1075	1058	1043	1086	1003	970	978	1020	1107	1156	1153	1163	1207	1275	1357	1467	1565	1589	1580	1606	1623	1661	1539
COMPACT — SECTIONS RECEIVING FULL ALLOCATIONS FOR IRRIGATION																									
DIFFERENCE IN DIVERTE. FLOW	138	138	139	139	140	140	140	140	138	136	136	136	135	134	132	128	118	102	94	92	92	88	84	78	70
TOTAL NET DIVERTEIBLE FLOW	1231	1235	1224	1197	1183	1226	1143	1110	1116	1156	1243	1292	1288	1297	1339	1403	1475	1569	1659	1681	1672	1694	1707	1739	1709
TOTAL IRRIGATION ALLOCATION	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308
LOWER WYOMING	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454
UPPER IDAHO	469	473	452	435	421	464	381	348	354	394	461	530	526	535	577	641	713	807	897	919	910	932	945	977	947
PASSING STEWART																									
COMPACT — SECTIONS RECEIVING ALLOCATIONS TO EXTENT OF DEMAND																									
LOWER WYOMING STORAGE	138	138	139	139	140	140	140	140	138	136	136	136	135	134	132	128	118	102	94	92	92	88	84	78	70
LOWER WYOMING	32	32	30	30	29	29	29	28	31	35	35	35	38	41	43	53	71	105	121	123	124	133	139	151	158
UPPER IDAHO STORAGE	106	106	107	109	112	123	113	114	111	110	79	66	64	63	62	57	48	34	18	6	16	16	16	0	3
UPPER IDAHO	242	243	240	236	230	208	228	225	225	234	296	323	325	328	331	340	358	387	419	442	423	421	422	454	448
PASSING STEWART	575	578	559	544	532	586	493	463	470	505	561	596	591	597	639	697	762	839	913	926	925	948	962	978	950
JUNE 1944																									
RECORDED FLOWS																									
DIVERGED SMITHS FORK	147	150	155	154	158	165	182	200	227	236	229	236	237	234	233	234	239	237	238	238	240	245	251	258	262
DIVERGED BEAR RIVER	143	176	186	190	196	191	188	189	198	180	118	139	135	132	126	122	120	115	118	130	130	123	134	139	138
TOTAL LOWER WYOMING	295	326	341	344	354	356	370	389	425	415	377	375	372	366	359	356	359	352	356	368	370	368	385	397	400
DIVERGED BORDER TO HARER	66	69	74	81	85	89	93	98	97	92	94	94	90	86	83	80	77	77	75	74	72	69	66	63	62
DIVERGED HARER TO STEWART	426	445	482	452	450	462	452	449	461	430	388	388	349	328	336	350	352	371	384	417	435	413	388	412	411
TOTAL UPPER IDAHO	492	514	556	533	535	551	545	547	558	522	482	482	439	414	419	430	429	448	459	491	507	482	454	475	473
RAINBOW CANAL	614	657	747	850	868	917	1010	1130	1260	1440	1570	1580	1570	1550	1470	1400	1300	1180	974	618	468	419	308	253	220
BEAR RIVER BELOW STEWART	16	16	17	17	18	18	18	17	17	16	16	16	16	16	17	17	18	18	125	310	350	346	345	355	347
TOTAL PASSING STEWART	630	673	764	867	886	935	1028	1147	1277	1456	1586	1596	1586	1566	1487	1417	1318	1198	1099	928	818	765	653	608	567
TOTAL MEASURED DIVERTEIBLE	1417	1513	1661	1744	1775	1842	1943	2083	2260	2394	2445	2453	2397	2346	2265	2203	2106	1998	1914	1787	1695	1615	1492	1480	1440
COMPACT — SECTIONS RECEIVING FULL ALLOCATIONS FOR IRRIGATION																									
DIFFERENCE IN DIVERTE. FLOW	6	-9	-16	-18	-23	-24	-31	-40	-58	-54	-34	-34	-32	-29	-26	-24	-26	-22	-24	-30	-31	-30	-38	-44	-45
TOTAL NET DIVERTEIBLE FLOW	1423	1504	1645	1726	1752	1818	1912	2043	2202	2340	2411	2419	2365	2317	2239	2179	2080	1976	1890	1757	1664	1585	1454	1436	1394
TOTAL IRRIGATION ALLOCATION	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308
UPPER IDAHO	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454
PASSING STEWART	661	742	883	964	990	1056	1150	1281	1440	1578	1649	1657	1603	1555	1477	1417	1318	1214	1128	1004	893	802	671	621	

LOWER WYOMING AND UPPER IDAHO SECTIONS
IONS IN SECTIONS, TOTAL DAILY DIVERTIBLE AND COMPACT ALLOCATIONS FOR 1944

24-HOUR SECOND-FOOT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
26	27	26	26	25	25	25	24	26	29	28	27	30	31	32	34	36	35	33	34	34	41	49	51	45	43	58	81	105	127	142	1355
6	5	4	4	4	4	4	4	5	6	7	8	8	10	11	19	35	70	88	89	90	92	90	100	123	116	126	142	138	137	139	1684
29	29	29	29	34	33	33	33	34	34	35	35	35	37	39	39	47	48	55	76	79	78	80	77	74	73	69	68	66	66	1575	
213	211	211	207	196	175	135	192	191	200	261	288	288	291	292	301	311	339	364	366	344	343	342	377	371	359	392	393	404	400	421	9241
242	243	240	236	230	208	228	225	225	234	296	323	325	328	331	340	358	387	419	442	423	421	422	457	448	433	465	462	472	466	487	10816
906	810	793	780	772	837	734	705	709	738	763	785	776	780	819	868	913	960	1010	1010	1020	1040	1040	1040	1010	872	776	774	673	630	603	25796
13	12	12	12	12	12	12	12	13	13	13	13	14	14	14	14	15	15	15	14	13	12	12	13	13	14	14	11	15	15	16	415
319	822	805	792	784	849	746	717	722	751	776	798	790	794	833	882	928	975	1025	1024	1033	1052	1062	1053	1023	886	790	728	688	645	619	26211
1093	1097	1075	1058	1043	1086	1003	970	978	1020	1107	1156	1153	1163	1207	1275	1357	1467	1565	1589	1580	1606	1623	1661	1539	1478	1439	1413	1403	1375	1387	40066
138	138	139	139	140	140	140	140	138	136	136	136	135	134	132	128	118	102	94	92	92	88	84	78	70	74	62	42	32	22	14	3253
1231	1235	1214	1197	1183	1226	1143	1110	1116	1156	1243	1292	1288	1297	1339	1403	1475	1569	1659	1681	1672	1694	1707	1739	1709	1552	1501	1455	1435	1397	1401	43319
308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	9548
459	454	452	452	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	14074
575	578	559	559	532	586	493	463	470	505	561	596	591	597	639	697	762	839	913	926	925	948	962	978	950	802	739	694	674	635	638	21371
147	150	155	154	158	165	182	200	227	236	229	236	237	234	233	234	239	237	238	238	240	245	251	256	262	260	269	265	256	249	241	6684
143	176	186	190	196	191	188	189	198	180	148	139	135	132	126	122	120	115	118	130	130	123	134	139	138	138	136	138	141	141	141	4485
295	326	341	344	354	356	370	389	425	445	377	375	372	366	359	356	359	352	356	368	370	368	385	397	400	398	405	403	397	390	390	11169
66	69	74	81	85	89	93	98	97	92	94	94	90	86	83	80	77	77	75	74	72	69	66	63	62	60	60	58	58	58	58	2300
426	445	482	452	450	462	452	449	461	430	388	388	349	328	336	350	352	371	384	417	435	413	388	412	411	415	416	398	388	388	388	12236
492	514	556	533	535	551	545	547	558	522	482	482	439	414	419	430	429	448	459	491	507	482	454	475	473	475	476	456	446	446	446	14536
614	657	747	850	868	917	1010	1130	1260	1440	1570	1580	1570	1550	1470	1400	1300	1180	974	618	468	419	308	253	220	185	195	113	98	103	103	25067
16	16	17	17	18	18	18	17	17	16	16	16	16	16	17	17	18	18	125	310	350	346	345	355	347	339	365	407	432	425	425	4450
630	673	764	867	886	935	1028	1147	1277	1456	1586	1596	1586	1566	1487	1417	1318	1198	1099	928	818	765	653	608	567	524	560	520	530	528	528	29517
1417	1513	1661	1744	1775	1842	1943	2083	2260	2394	2445	2453	2397	2346	2265	2203	2106	1998	1914	1787	1695	1615	1492	1480	1440	1397	1441	1379	1373	1364	55222	
6	-9	-16	-18	-23	-24	-31	-40	-58	-54	-34	-34	-32	-29	-26	-24	-26	-22	-24	-30	-31	-30	-38	-44	-46	-45	-44	-42	-44	-41	-953	
1423	1504	1645	1726	1752	1818	1912	2043	2202	2340	2411	2419	2365	2317	2239	2179	2080	1976	1890	1757	1664	1585	1454	1394	1352	1397	1337	1329	1323	1323	54269	
308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	9240
454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	13620
641	712	883	961	990	1054	1150	1281	1440	1578	1649	1657	1603	1555	1477	1417	1318	1214	1128	905	802	602	674	632	590	645	675	647	641	641	641	31409

DIVERTED BORDER TO HARER DIVERTED HARER TO STEWART	29 213	29 211	29 207	34 196	33 175	33 195	33 192	34 191	34 200	35 261	35 288	37 288	37 291	39 292	39 301	47 311	48 339	55 364	76 366	79 344	78 343	80 342	80 377	77 371	74 359	73 392	6
TOTAL UPPER IDAHO	212	214	210	230	208	228	225	225	234	296	323	325	328	331	340	358	387	419	442	423	421	422	457	448	433	465	4
RAINBOW CANAL BEAR RIVER BELOW STEWART	806 13	810 12	793 12	780 12	837 12	734 12	705 12	709 13	738 13	763 13	785 13	776 14	790 14	819 14	868 14	913 15	960 15	1010 15	1010 14	1020 13	1040 12	1050 12	1040 13	1010 13	872 11	776 14	7
TOTAL PASSING STEWART	819	822	805	792	784	849	746	717	751	776	798	790	794	833	882	928	975	1025	1024	1033	1052	1062	1053	1023	886	790	7
TOTAL MEASURED DIVERTIBLE	1093	1097	1075	1058	1043	1086	1003	970	1020	1107	1156	1153	1163	1207	1275	1357	1467	1565	1589	1580	1606	1623	1661	1639	1478	1439	11
COMPACT -- SECTIONS RECEIVING DIFFERENCE IN DIVERT. FLOW TOTAL NET DIVERTIBLE FLOW TOTAL IRRIGATION ALLOCATION	FULL 138 1231	ALLOCATIONS 138 1235	FOR IRRIGATION 139 1197	DEMAND 140 1183	140 1226	140 1113	140 1110	138 1116	136 1156	136 1243	136 1292	135 1288	134 1297	132 1339	128 1403	118 1475	102 1569	94 1659	92 1681	92 1672	88 1694	84 1707	78 1739	70 1709	74 1552	62 1501	14
LOWER WYOMING UPPER IDAHO STORAGE UPPER IDAHO PASSING STEWART	308 454 469	308 454 473	308 454 452	308 454 421	308 454 464	308 454 381	308 454 348	308 454 354	308 454 394	308 454 481	308 454 530	308 454 526	308 454 535	308 454 577	308 454 641	308 454 713	308 454 807	308 454 897	308 454 919	308 454 910	308 454 932	308 454 945	308 454 977	308 454 947	308 454 790	308 454 739	6
COMPACT -- SECTIONS RECEIVING LOWER WYOMING STORAGE LOWER WYOMING UPPER IDAHO STORAGE UPPER IDAHO PASSING STEWART	138 32 106 212 575	138 32 106 212 578	139 30 107 240 559	139 30 109 236 532	140 29 112 208 586	140 29 113 228 493	140 28 114 225 463	138 31 114 225 470	136 35 110 234 505	136 35 79 296 561	136 35 66 323 596	135 38 64 325 591	134 41 63 328 597	132 43 62 331 639	128 53 62 340 697	118 71 68 358 762	102 105 34 387 839	94 121 18 419 913	92 123 6 442 926	92 124 16 423 925	88 133 16 421 948	84 139 16 422 962	78 151 0 454 978	70 158 3 448 950	74 159 10 433 802	62 184 0 454 739	2

JUNE 1944																												
RECORDED FLOWS																												
DIVERTED SNAITHS FORK	147	150	155	154	158	165	182	200	227	236	229	236	237	234	233	234	239	237	238	240	245	251	258	262	260	269	2	
DIVERTED BEAR RIVER	148	176	186	190	196	191	188	189	198	180	148	139	135	132	126	122	120	115	118	130	123	134	139	138	138	136	1	
TOTAL LOWER WYOMING																												
	295	326	341	344	354	356	370	389	425	415	377	375	372	366	359	356	359	352	368	370	368	385	397	400	398	405	4	
DIVERTED BORDER TO HARER																												
DIVERTED HARER TO STEWART	66	69	74	81	85	89	93	98	97	92	94	94	90	86	83	80	77	77	75	74	72	66	63	62	60	60	3	
	426	445	482	452	450	462	452	449	461	430	388	388	349	328	336	350	352	371	384	417	435	388	412	411	415	416	3	
TOTAL UPPER IDAHO																												
	492	514	556	533	535	551	545	547	558	522	482	482	439	414	419	430	429	448	459	491	482	454	475	473	475	476	4	
RAINBOW CANAL																												
BEAR RIVER BELOW STEWART	614	657	747	850	868	917	1010	1130	1260	1440	1570	1580	1570	1550	1470	1400	1300	1180	974	618	468	419	308	253	220	185	195	1
	16	16	17	17	18	18	18	18	17	16	16	16	16	16	17	17	18	18	125	310	350	346	345	355	347	339	365	1
TOTAL PASSING STEWART																												
	630	673	764	867	886	935	1028	1147	1277	1456	1586	1596	1586	1566	1487	1417	1318	1198	1099	928	818	765	653	608	567	524	560	5
TOTAL MEASURED DIVERTIBLE																												
	1417	1513	1661	1744	1775	1842	1943	2083	2260	2394	2445	2453	2397	2346	2265	2203	2106	1998	1914	1787	1695	1615	1492	1480	1440	1397	1441	13
COMPACT -- SECTIONS RECEIVING																												
DIFFERENCE IN DIVERT. FLOW	6	-9	-16	-18	-23	-24	-31	-40	-58	-54	-34	-34	-32	-29	-26	-24	-26	-22	-24	-30	-30	-38	-44	-46	-45	-44	-	
TOTAL NET DIVERTIBLE FLOW	1423	1504	1645	1726	1752	1818	1912	2043	2202	2340	2411	2419	2365	2317	2239	2179	2080	1976	1890	1757	1664	1585	1454	1394	1352	1397	1	
TOTAL IRRIGATION ALLOCATION																												
LOWER WYOMING																												
UPPER IDAHO	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308
PASSING STEWART	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454
	661	742	883	964	990	1056	1150	1281	1440	1578	1649	1657	1603	1555	1477	1417	1318	1214	1128	995	902	823	692	674	632	590	635	1
COMPACT -- SECTIONS RECEIVING																												
LOWER WYOMING STORAGE	6	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308
LOWER WYOMING	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454
UPPER IDAHO STORAGE	662	742	882	964	990	1056	1150	1280	1439	1578	1648	1658	1618	1595	1513	1441	1344	1220	1128	995	902	823	691	673	632	590	626	1
UPPER IDAHO																												
PASSING STEWART																												

LOWER WYOMING AND UPPER IDAHO SECTIONS
IONS IN SECTIONS, TOTAL DAILY DIVERTIBLE AND COMPACT ALLOCATIONS FOR 1944

[illegible]

332	319	333	329	315	305	304	304	285	247	230	218	202	190	181	170	168	164	164	170	188	183	189	192	195	193	197	219	210	200	193	181	186	6431
95	88	80	66	52	38	38	38	62	86	94	82	70	69	68	66	65	62	58	55	206	212	213	214	213	213	217	239	230	220	216	205	212	7435
485	565	620	660	660	630	560	530	475	425	390	360	331	319	285	255	226	190	155	134	134	134	134	134	134	134	128	123	118	106	115	113	1973	
580	653	700	726	712	668	618	568	537	511	484	442	401	368	353	321	291	252	213	189	191	192	194	195	195	197	190	183	177	172	169	164	11631	
1309	1377	1434	1452	1419	1367	1306	1250	1190	1114	1066	1010	960	946	904	849	807	787	771	749	750	741	739	717	714	721	698	677	663	641	622	29743		
TOTAL ALLOCATIONS FOR IRRIGATION																																	
-15	-48	-46	-44	-42	-43	-38	-35	-30	-24	-22	-21	-24	-31	-31	-25	-20	-29	-50	-79	-71	-69	-64	-66	-60	-45	-61	-77	-83	-83	-74	-1480		
1264	1329	1388	1408	1377	1324	1268	1215	1160	1090	1044	989	936	917	873	824	787	758	721	670	679	672	666	651	654	676	637	600	580	558	548	28263		
308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	284	247	196	205	198	192	177	180	202	163	126	109	101	97	7713		
454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	451	437	430	14030	
502	567	626	646	615	562	506	453	398	328	282	227	174	155	111	62	25	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	6519	
ALLOCATIONS TO EXTENT OF DEMAND																																	
308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	284	247	196	205	198	192	184	184	202	184	184	184	184	184	184	8046	
332	319	333	329	315	305	304	304	285	247	230	218	202	190	181	170	168	164	164	170	188	183	189	192	195	193	197	219	230	220	216	205	212	7435
625	701	746	770	754	711	656	603	567	535	506	463	425	419	384	346	311	281	263	268	262	261	258	257	255	239	235	233	225	218	211	195	12944	

152	188	181	176	171	170	165	162	160	156	156	156	156	152	152	151	151	151	148	148	144	142	145	139	137	137	135	133	129	128	125	125	123	120	4651
27	24	23	21	18	18	18	17	15	12	12	8	9	15	14	14	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	769	
219	212	204	197	189	188	183	179	175	168	166	164	163	167	165	168	164	160	158	161	167	167	178	177	177	175	175	172	170	166	165	163	160	5420	
24	23	23	23	23	22	22	22	22	21	21	21	21	21	21	21	19	16	15	15	15	17	17	17	16	15	15	14	14	14	13	13	13	571	
173	180	171	166	145	142	134	129	132	135	132	126	126	125	123	117	106	108	109	107	100	103	101	94	92	92	93	92	92	90	89	89	94	3725	
197	203	194	189	168	164	156	151	154	156	153	149	147	146	144	136	122	123	124	122	117	120	117	117	109	107	107	107	106	104	102	102	107	4296	
48	46	46	47	47	45	43	41	40	38	36	34	32	30	28	27	25	23	22	22	21	20	22	24	26	26	23	21	18	18	17	17	951		
97	105	88	85	88	92	95	92	90	88	85	85	84	84	84	85	83	81	78	75	71	68	67	67	62	56	55	52	52	49	51	51	51	2377	
561	566	534	518	492	469	477	463	459	450	442	432	426	427	421	416	394	387	382	380	376	386	383	370	364	357	349	337	336	333	335	335	1304		
TOTAL ALLOCATIONS FOR IRRIGATION																																		
-71	-66	-65	-61	-58	-57	-54	-52	-50	-48	-47	-45	-45	-48	-48	-50	-50	-48	-48	-50	-54	-54	-58	-58	-56	-59	-58	-56	-57	-56	-56	-54	-16	113	
490	502	469	457	434	432	423	411	409	402	395	387	381	379	373	366	344	339	334	330	322	326	325	312	305	299	291	280	280	277	281	281	113	113	
76	80	75	75	74	74	74	74	74	73	73	73	72	71	70	69	65	64	63	61	60	61	61	61	58	57	55	54	52	52	51	52	52	243	
394	402	374	362	340	338	329	317	315	309	302	294	289	288	283	277	259	255	251	249	244	247	244	234	228	224	215	208	208	206	209	209	643	643	
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20		
ALLOCATIONS TO EXTENT OF DEMAND																																		
184	184	184	184	184	184	183	179	175	168	168	164	163	167	165	168	164	160	158	161	167	178	177	175	175	175	172	170	166	165	163	160	5315		
197	203	194	189	168	164	156	151	154	156	153	149	147	146	144	136	122	123	124	122	117	120	117	109	107	107	107	106	104	102	102	10	4296		
163	167	146	138	137	139	136	133	130	126	121	119	116	114	112	112	108	104	100	97	92	86	89	86	82	78	73	67	69	68	6	3390			

DIVERGED HARDER TO STEWART	276	273	287	283	270	259	260	260	212	205	190	178	170	160	152	144	144	168	168	170	170	183	159	192	195	193	197	219	210
TOTAL UPPER IDAHO	332	319	333	329	315	305	304	304	285	247	230	218	202	190	181	170	168	193	211	206	212	213	214	215	213	217	239	230	
RAINBOW CANAL	95	88	80	66	52	38	38	38	62	86	94	82	70	69	68	66	65	62	58	55	57	58	60	61	61	63	62	60	
BEAR RIVER BELOW STEWART	485	565	620	660	660	630	580	530	475	425	390	360	331	319	285	255	226	190	155	134	134	134	134	134	134	134	128	122	
TOTAL PASSING STEWART	580	653	700	726	712	668	618	568	537	511	484	442	401	368	353	321	291	252	213	189	191	192	194	195	197	190	163		
TOTAL MEASURED DIVERTEBLE	1309	1377	1434	1452	1419	1367	1306	1250	1190	1114	1066	1010	960	948	904	849	807	787	771	749	750	744	730	717	714	721	698		
COMPACT -- SECTIONS RECEIVING FULL ALLOCATIONS FOR IRRIGATION																													
DIFFERENCE IN DIVERTE. FLOW	-45	-48	-46	-44	-42	-43	-38	-35	-30	-24	-22	-21	-24	-31	-31	-25	-20	-29	-50	-79	-71	-69	-64	-66	-60	-45	-61		
TOTAL NET DIVERTEBLE FLOW	1264	1329	1388	1408	1377	1324	1266	1215	1160	1090	1044	989	936	917	873	824	787	758	721	670	679	672	666	651	654	676	637		
TOTAL IRRIGATION ALLOCATION	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	284	247	196	205	198	192	177	180	202	163		
LOWER WYOMING	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454		
UPPER IDAHO	502	567	626	646	615	562	506	453	398	328	282	227	174	155	111	62	25	20	20	20	20	20	20	20	20	20	20		
PASSING STEWART																													
COMPACT -- SECTIONS RECEIVING ALLOCATIONS TO EXTENT OF DEMAND																													
LOWER WYOMING STORAGE	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	284	247	196	205	198	192	184	184	202	164		
UPPER IDAHO STORAGE	332	319	333	329	315	305	304	304	285	247	230	218	202	190	181	170	168	193	211	206	212	213	216	213	217	239	230		
UPPER IDAHO	625	701	746	770	754	711	656	603	567	535	506	463	425	419	384	346	311	281	263	268	262	261	261	257	255	235	230		
PASSING STEWART																													

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AUGUST 1944																											
RECORDED FILMS																											
DIVERGED SMITHS FORK	192	188	181	176	171	170	165	162	160	156	156	156	154	152	151	151	148	144	142	145	139	137	137	135	133	129	126
DIVERGED BEAR RIVER	27	24	23	21	18	18	18	17	15	12	12	8	9	15	14	17	16	16	16	16	16	16	16	16	16	16	16
TOTAL LOWER WYOMING	219	212	204	197	189	188	183	179	175	166	166	164	163	167	165	168	164	160	158	161	167	178	177	175	175	172	170
DIVERGED BORDER TO HARDER	24	23	23	23	23	22	22	22	22	21	21	21	21	21	21	19	16	15	15	15	17	17	16	15	15	14	14
DIVERGED HARDER TO STEWART	173	180	171	166	145	142	134	129	132	135	132	128	126	125	123	117	106	108	109	107	100	103	101	94	92	93	92
TOTAL UPPER IDAHO	197	203	194	189	168	164	156	151	154	156	153	149	147	146	144	136	122	123	124	122	117	120	117	109	107	107	106
RAINBOW CANAL	48	48	48	47	47	45	43	41	40	38	36	34	32	30	28	27	25	23	22	22	21	20	22	24	26	23	21
BEAR RIVER BELOW STEWART	97	105	88	85	88	92	95	92	90	88	85	85	84	84	84	85	83	81	78	75	71	68	67	62	56	55	52
TOTAL PASSING STEWART	145	153	136	132	135	137	138	133	130	126	121	119	116	114	112	112	108	104	100	97	92	88	89	86	82	78	73
TOTAL MEASURED DIVERTEBLE	561	568	534	518	492	469	477	463	459	450	442	432	426	427	421	416	394	387	382	380	376	386	383	370	364	357	341
COMPACT -- SECTIONS RECEIVING FULL ALLOCATIONS FOR IRRIGATION																											
DIFFERENCE IN DIVERTE. FLOW	-71	-66	-65	-61	-56	-57	-54	-52	-50	-48	-47	-45	-45	-48	-48	-50	-50	-48	-48	-50	-54	-55	-58	-56	-59	-58	-56
TOTAL NET DIVERTEBLE FLOW	490	502	469	457	434	423	423	411	409	402	395	387	381	379	373	366	344	339	334	330	322	328	325	312	305	299	291
TOTAL IRRIGATION ALLOCATION	76	80	75	75	74	74	74	74	74	73	73	73	72	71	70	69	65	64	63	61	60	61	61	58	57	55	54
LOWER WYOMING	394	402	374	362	340	338	329	317	315	309	302	294	289	288	283	277	259	255	251	249	244	247	244	234	228	224	211
UPPER IDAHO	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
PASSING STEWART																											
COMPACT -- SECTIONS RECEIVING ALLOCATIONS TO EXTENT OF DEMAND																											
LOWER WYOMING STORAGE	184	184	184	184	184	184	183	179	175	166	166	164	163	167	165	168	164	160	158	161	167	178	177	175	175	172	171
UPPER IDAHO STORAGE	197	203	194	189	168	164	156	151	154	156	153	149	147	146	144	136	122	123	124	122	117	120	117	109	107	107	106
PASSING STEWART	163	167	146	138	137	139	138	133	130	126	121	119	116	114	112	112	108	104	100	97	92	88	89	86	82	78	73

DAILY DIVERSIONS IN SECTIONS, TOTAL DAILY DIVERTEIBLE AND COMPACT ALLOCATION

SEPTEMBER 1944	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
RECORDED FLOWS																										
DIVERTEED SALTUS FORK	122	123	123	123	123	122	117	113	113	111	109	106	104	102	103	105	104	84	76	82	86	86	88	89	84	84
DIVERTEED BEAR RIVER	46	51	52	57	58	57	56	54	52	51	48	46	42	40	38	36	36	37	38	41	43	41	40	38	38	35
TOTAL LOWER WYOMING	168	174	175	180	181	179	173	167	165	162	157	152	146	142	141	141	140	121	114	123	129	127	128	127	127	124
DIVERTEED BORDER TO HARER	13	13	13	13	13	13	13	12	11	11	11	11	11	11	10	10	9	9	9	9	9	8	8	8	11	13
DIVERTEED HARER TO STEWART	96	93	89	88	87	86	88	88	98	97	96	101	108	110	111	112	110	111	127	116	119	119	120	121	120	120
TOTAL UPPER IDAHO	109	106	102	101	100	99	101	100	109	108	107	112	119	121	121	122	119	120	136	125	128	127	128	129	131	133
RAINBOW CANAL	16	16	16	15	15	15	14	14	14	14	14	14	15	15	16	16	15	15	15	14	14	13	13	13	13	13
BEAR RIVER BELOW STEWART	48	46	45	43	42	39	36	33	31	29	27	25	26	27	25	25	25	23	23	24	23	23	24	24	23	23
TOTAL PASSING STEWART	64	62	61	58	57	54	50	47	45	43	41	39	41	42	41	41	40	40	38	38	37	36	37	37	36	36
TOTAL MEASURED DIVERTEIBLE	341	342	338	339	338	332	324	314	319	313	305	303	306	305	303	304	299	281	288	286	294	290	293	291	294	293
COMPACT -- SECTIONS RECEIVING																										
DIFFERENCE IN DIVERTE. FLOW	-58	-61	-62	-62	-65	-65	-62	-60	-58	-58	-56	-54	-50	-48	-47	-47	-47	-38	-34	-39	-42	-41	-41	-40	-40	-39
TOTAL NET DIVERTEIBLE FLOW	283	281	276	277	273	267	262	254	251	255	249	249	256	257	256	257	252	243	254	247	252	249	252	251	254	254
TOTAL IRRIGATION ALLOCATION	53	52	51	55	51	49	48	46	48	47	45	45	47	47	47	47	46	44	46	45	46	45	46	46	46	46
UPPER IDAHO	210	209	205	202	202	198	194	188	193	188	184	184	189	190	189	190	186	179	188	182	186	184	186	185	188	188
PASSING STEWART	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
COMPACT -- SECTIONS RECEIVING																										
LOWER WYOMING STORAGE	168	174	175	180	181	179	173	167	165	162	157	152	146	142	141	141	140	121	114	123	129	127	128	125	127	124
UPPER IDAHO STORAGE	109	106	102	101	100	99	101	100	109	108	107	112	119	121	121	122	119	120	136	125	128	127	128	129	131	133
PASSING STEWART	64	62	61	58	57	54	50	47	45	43	41	39	41	42	41	41	40	40	38	38	37	36	37	37	36	36

24-HOUR SECOND- FEET

LOWER WYOMING AND UPPER IDAHO SECTIONS
 24-HOUR SECOND- FEET
 ALLOCATIONS IN SECTIONS, TOTAL DAILY DIVERTIBLE AND COMPACT ALLOCATIONS FOR 1944

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
122 46	123 51	123 52	123 57	123 58	122 57	117 56	113 54	113 52	111 51	109 48	106 46	104 42	102 40	103 38	105 36	104 36	84 37	76 38	82 41	86 43	86 41	86 40	87 38	89 38	86 38	84 38	81 38	82 38	83 38	3017 1326	
168	174	175	180	181	179	173	167	165	162	157	152	146	142	141	141	140	121	114	123	129	127	128	125	127	124	122	119	120	121	4343	
13 96	13 93	13 89	13 88	13 87	13 86	13 88	12 88	11 98	11 97	11 96	11 101	11 108	11 110	10 111	10 112	9 110	9 111	9 127	9 116	9 119	8 119	8 120	8 121	11 120	13 120	13 120	14 121	14 107	14 104	337 3183	
109	106	102	101	100	99	101	100	109	108	107	112	119	121	121	122	119	120	136	125	128	127	128	129	131	133	133	135	121	118	3520	
16 48	16 46	16 45	15 43	15 42	15 39	14 36	14 33	14 31	14 29	14 27	14 25	15 26	15 27	16 25	16 25	15 25	15 25	15 23	14 24	14 23	13 23	13 24	13 24	13 23	13 23	13 23	13 24	13 24	30 25	446 880	
64	62	61	58	57	54	50	47	45	43	41	39	41	42	41	41	40	40	38	38	37	36	37	37	36	36	36	37	37	55	1326	
341	342	338	339	338	332	324	314	319	313	305	303	306	305	303	304	299	281	288	286	294	290	293	291	294	293	291	291	278	294	9189	
FULL ALLOCATIONS FOR IRRIGATION																															
-58 283	-61 281	-62 276	-62 277	-65 273	-65 267	-62 262	-60 254	-58 251	-58 255	-56 249	-54 249	-50 256	-48 257	-47 256	-47 257	-47 252	-38 243	-34 254	-39 247	-42 252	-41 249	-41 252	-40 251	-40 254	-39 254	-38 253	-36 255	-38 240	-37 257	-1163 7726	
53 210	52 209	51 205	55 202	51 202	49 198	48 194	46 188	48 193	47 184	45 184	45 184	47 189	47 190	47 189	47 190	46 186	44 179	46 188	45 182	46 186	45 184	46 186	46 185	46 188	46 188	46 187	47 188	44 176	47 190	1418 5708	
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	600	
ALLOCATIONS TO EXENT OF DEMAND																															
168	174	175	130	181	179	173	167	165	162	157	152	146	142	141	141	140	121	114	123	129	127	128	125	127	124	122	119	120	121	4343	
109 64	106 62	102 61	101 58	100 57	99 54	101 50	100 47	109 45	106 43	107 41	112 39	119 41	121 42	121 41	122 41	119 40	120 40	136 38	125 38	128 37	127 36	128 37	129 37	131 36	133 36	133 36	135 37	121 37	118 55	3520 1326	

NORMAL FLOW AND INFLOW STEWART DAM TO GRACE D.

24-HOUR SECOND-FOOT

DATE	BEAR RIVER AT STEWART DAM	RAINBOW CANAL AT HEAD	DINGLE INLET	TOTAL FLOW AT STEWART	TOTAL RAINBOW + DINGLE INLET	OUTLET CANAL AT DINGLE	BEAR LAKE STORAGE - RELEASE +	BEAR RIVER AT PISCADERO	INFLOW STEWART TO PISCADERO	DATE	SODA RESERVOIR STORAGE - RELEASE +	LCSS STORAGE	BEAR RIVER AT ALEXANDER
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
NORM	NORM	NORM	NORM	NORM		STOR	STOR	NORM	TOTAL	NORM	STOR	STOR	STOR
MAY 1	13	806	14	833	820	4	-916	-916	1066	250	233	-131	0
2	12	810	14	836	824	4	-820	-820	1055	235	219	-176	0
3	12	793	14	817	807	4	-803	-803	1035	232	214	-257	0
4	12	780	14	806	794	4	-790	-790	1010	220	204	-146	0
5	12	772	14	798	786	4	-782	-782	984	202	186	-156	0
6	12	837	14	863	851	4	-847	-847	1046	199	183	-292	0
7	12	734	14	760	748	4	-744	-744	939	195	179	-35	0
8	12	705	14	731	719	4	-715	-715	901	186	170	-25	0
9	13	709	14	736	723	4	-719	-719	882	163	146	0	0
10	13	738	14	765	752	4	-748	-748	917	169	152	-55	0
11	13	763	14	790	777	4	-773	-773	961	188	171	-126	0
12	13	785	14	812	799	4	-795	-795	985	190	173	+71	0
13	14	776	14	804	790	4	-786	-786	983	197	179	-146	0
14	14	780	14	808	794	4	-790	-790	994	204	186	+55	0
15	14	819	14	847	833	4	-829	-829	1031	202	184	+60	0
16	14	863	14	891	877	4	-873	-873	1068	195	177	+161	0
17	15	913	14	942	927	4	-923	-923	1134	211	192	+55	0
18	15	960	14	989	974	4	-970	-970	1210	240	221	+71	0
19	15	1010	17	1042	1027	4	-1023	-1023	1290	267	248	-40	0
20	14	1010	20	1044	1030	4	-1026	-1026	1332	306	288	-181	0
21	13	1020	20	1053	1040	4	-1036	-1036	1330	294	277	+151	0
22	12	1040	20	1072	1060	4	-1056	-1056	1336	280	264	+237	0
23	12	1050	20	1082	1070	4	-1066	-1066	1301	235	219	+312	0
24	13	1040	19	1072	1059	4	-1055	-1055	1297	242	225	+217	0
25	13	1010	19	1042	1029	4	-1025	-1025	1283	258	241	+91	0
26	14	872	18	904	890	4	-886	-886	1158	272	254	0	0
27	14	776	18	808	794	4	-790	-790	1090	300	282	+101	0
28	14	714	17	745	731	4	-727	-727	1021	294	276	+136	0
29	15	673	17	705	690	72	-618	-618	896	278	191	+141	0
30	15	630	16	661	646	222	-424	-424	799	375	138	+217	0
31	16	603	16	635	619	383	-236	-236	764	528	129	+50	0
JUNE 1	16	614	15	645	629	285	-344	-344	1056	712	411	-418	0
2	16	657	15	688	672	20	-652	-652	1282	630	594	-242	0
3	17	747	14	778	761	20	-741	-741	1321	580	543	-192	0
4	17	850	14	881	864	20	-844	-844	1364	520	483	-86	0
5	18	868	13	899	881	20	-861	-861	1321	460	422	-15	0
6	18	917	13	948	930	20	-910	-910	1280	370	332	-55	0
7	18	1010	20	1048	1030	20	-1010	-1010	1375	365	327	-35	0
8	17	1130	28	1175	1158	20	-1138	-1138	1518	380	343	-166	0
9	17	1260	24	1301	1284	20	-1264	-1264	1674	410	373	-166	0
10	16	1440	13	1469	1453	20	-1433	-1433	1848	415	379	-126	0
11	16	1570	13	1599	1583	20	-1563	-1563	1963	400	364	-136	0
12	16	1580	13	1609	1593	20	-1573	-1573	1958	385	349	-81	0
13	16	1570	13	1599	1583	15	-1568	-1568	1958	390	359	+10	0
14	16	1550	13	1579	1563	15	-1548	-1548	1938	390	359	-45	0
15	17	1470	8	1495	1478	15	-1463	-1463	1823	360	324	-20	0
16	17	1400	2	1419	1402	15	-1387	-1387	1727	340	308	+10	0
17	18	1300	2	1320	1302	15	-1287	-1287	1577	290	257	+66	0
18	18	1180	2	1200	1182	15	-1167	-1167	1417	250	217	+106	0
19	125	974	2	1101	976	15	-961	-961	1231	270	130	+116	0
20	310	613	2	930	620	15	-605	-605	1005	400	75	+10	0
21	350	468	2	820	470	15	-455	-455	965	510	145	-5	0
22	346	419	2	767	421	15	-406	-406	934	528	167	+5	0
23	345	308	2	655	310	15	-295	-295	827	532	172	+25	0
24	355	253	2	610	255	15	-240	-240	804	564	194	-141	0
25	347	220	2	569	222	15	-207	-207	796	589	227	+116	0
26	339	185	2	526	187	15	-172	-172	741	569	215	+106	0
27	365	195	2	562	197	15	-182	-182	759	577	197	+96	0
28	407	113	2	522	115	15	-100	-100	706	606	194	+71	0
29	432	98	2	532	100	15	-85	-85	716	631	184	+76	0
30	425	103	2	530	105	15	-90	-90	761	671	231	+10	0
JULY 1	485	95	1	581	96	15	-81	-81	752	671	171	-242	0
2	565	88	1	654	89	15	-74	-74	791	717	137	-161	0
3	620	80	1	701	81	15	-66	-66	802	736	101	-227	0
4	660	66	1	727	67	15	-52	-52	779	727	52	+20	0
5	660	52	1	713	53	15	-38	-38	760	722	47	+76	0
6	630	38	1	669	39	15	-24	-24	736	712	67	+141	0
7	580	38	1	619	39	15	-24	-24	713	689	94	+116	0
8	530	38	1	569	39	15	-24	-24	700	676	131	+181	0

4 = 1 + 2 + 3
5 = 2 + 3
7 = 6 - 5
8 = 7

9 = 10 + 8
11 = 9 - 4
13 = 7 + 15
14 = 4 + 10 = 13

15 =
16 =
17 =
20 =

NORMAL FLOW AND INFLOW 1944 STEWART DAM TO GRACE DAM

PLATE 36

24-HOUR SECOND-FEET

BEAR RIVER AT STEWART DAM	HAINBOW CANAL AT HEAD	DINGLE INLET	TOTAL FLOW AT STEWART	TOTAL RAINFALL + DINGLE INLET	WETLET CANAL AT DIFE	BEAR LAKE STORAGE - RELEASE +	BEAR RIVER AT PISCADERO	INFLW STEWART TO PISCADERO	DATE	SODA RESERVOIR STORAGE - RELEASE +	1 1/2 LCSS STORAGE	BEAR RIVER AT ALEXANDER	DIVERTED PISCADERO TO ALEXANDER	TOTAL NORMAL AT ALEXANDER	INFLW PISCADERO TO ALEXANDER	TOTAL INFLW STEWART TO ALEXANDER	5 DAY AVERAGE INFLW STEWART TO ALEXANDER	5 DAY AVERAGE TOTAL NORMAL ALEXANDER			
1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
CRV	NORM	NORM	NORM	NORM		STOR	STOR	NORM	TOTAL	NORM	STOR	STOR	STOR	NORM	TOTAL	NORM	NORM	NORM	NORM	NORM	NORM
13	806	14	833	820	4	-916	-916	1066	250	233	MAY 2	-131	0	-947	1256	309	0	1256	190	423	
12	810	14	836	824	4	-820	-820	1055	235	219	3	-176	0	-996	1259	263	0	1259	204	423	
12	793	14	819	807	4	-803	-803	1035	232	216	4	-257	0	-1060	1195	135	0	1195	160	376	
12	780	14	806	794	4	-790	-790	1010	220	204	5	-146	0	-936	1176	260	0	1196	136	390	
12	772	14	798	786	4	-782	-782	984	202	186	6	-156	0	-938	1157	219	0	1157	173	359	394
12	837	14	863	851	4	-847	-847	1046	199	183	7	-292	0	-1139	1258	113	0	1258	212	395	
12	734	14	760	748	4	-744	-744	939	195	179	8	-35	0	-779	1156	377	0	1156	217	346	
12	705	14	731	719	4	-715	-715	901	186	170	9	-25	0	-740	1148	408	0	1148	247	417	
13	709	14	736	723	4	-719	-719	882	163	146	10	0	0	-719	1142	423	0	1142	260	406	
13	738	14	765	752	4	-748	-748	917	169	152	11	-55	0	-803	1148	345	0	1148	231	383	399
13	763	14	790	777	4	-773	-773	961	188	171	12	-126	0	-899	1192	293	0	1192	231	402	
13	785	14	812	799	4	-795	-795	985	190	173	13	+71	0	-724	1208	484	0	1208	223	396	
14	776	14	804	790	4	-786	-786	983	197	179	14	-144	0	-932	1207	275	0	1207	224	403	
14	780	14	808	794	4	-790	-790	994	201	186	15	+55	0	-735	1237	502	0	1237	243	429	
14	819	14	847	833	4	-829	-829	1031	202	184	16	+60	0	-769	1267	498	0	1267	236	420	410
14	863	14	891	877	4	-873	-873	1068	195	177	17	+161	0	-712	1356	644	0	1356	288	465	
15	913	14	942	927	4	-923	-923	1134	211	192	18	+55	0	-868	1451	583	0	1451	317	509	
15	960	14	989	974	4	-970	-970	1210	240	221	19	+71	0	-899	1482	583	0	1482	272	493	
15	1010	17	1042	1027	4	-1023	-1023	1290	267	248	20	-40	0	-1063	1590	527	0	1590	300	548	
14	1010	20	1044	1030	4	-1026	-1026	1332	306	288	21	-181	0	-1207	1575	368	0	1575	243	531	509
14	1020	20	1053	1040	4	-1036	-1036	1330	294	277	22	+151	0	-885	1589	704	0	1589	259	536	
12	1040	20	1072	1060	4	-1056	-1056	1336	280	264	23	+237	0	-769	1567	798	0	1567	231	495	
12	1050	20	1082	1070	4	-1066	-1066	1301	235	219	24	+312	0	-754	1576	822	0	1576	275	494	
13	1040	19	1073	1059	4	-1055	-1055	1297	242	225	25	+217	0	-833	1547	709	0	1547	250	475	
13	1010	19	1042	1029	4	-1025	-1025	1283	258	241	26	+91	0	-934	1482	548	0	1482	199	440	488
14	872	18	904	890	4	-886	-886	1158	272	254	27	0	0	-886	1343	457	0	1343	185	439	
14	776	13	808	794	4	-790	-790	1090	300	282	28	+101	0	-689	1256	567	0	1256	166	448	
14	714	17	745	731	4	-727	-727	1021	294	276	29	+136	0	-591	1186	595	0	1186	165	441	
15	673	17	705	690	72	-618	-618	896	278	191	30	+141	0	-477	1079	602	0	1079	183	374	
15	630	16	661	646	222	-424	-424	799	375	138	31	+217	0	-207	1063	856	0	1063	264	402	
16	603	16	635	619	303	-236	-236	764	528	129	JUNE 1	+50	0	-186	1006	820	5	1011	247	375	414
16	614	15	645	629	265	-344	-344	1056	712	411	2	-418	0	-762	1320	558	5	1325	269	680	
16	657	15	688	672	20	-652	-652	1282	630	594	3	-242	0	-894	1441	547	5	1446	164	758	
17	747	14	778	761	20	-741	-741	1321	580	543	4	-192	0	-933	1498	565	4	1502	131	724	
17	850	14	881	864	20	-844	-844	1364	520	483	5	-86	0	-930	1514	584	4	1518	184	637	
18	868	13	899	881	20	-861	-861	1321	460	422	6	-15	0	-876	1486	610	4	1490	159	591	678
18	917	13	948	930	20	-910	-910	1280	370	332	7	-55	0	-965	1530	565	4	1534	254	586	
18	1010	20	1048	1030	20	-1010	-1010	1375	365	327	8	-35	0	-1045	1610	565	3	1613	238	565	
17	1130	28	1175	1158	20	-1138	-1138	1518	380	343	9	-166	0	-1304	1844	540	3	1847	329	672	
17	1260	24	1301	1284	20	-1264	-1264	1674	410	373	10	-166	0	-1430	1975	545	3	1978	304	677	
16	1440	13	1469	1453	20	-1433	-1433	1848	415	379	11	-126	0	-1559	2104	545	3	2107	259	638	628
16	1570	13	1599	1583	20	-1563	-1563	1963	400	364	12	-136	0	-1699	2189	490	3	2192	229	593	
16	1580	13	1509	1593	20	-1573	-1573	1958	385	349	13	-81	0	-1654	2209	555	3	2212	254	603	
16	1570	13	1599	1593	15	-1568	-1568	1958	390	359	14	+40	0	-1528	2158	630	3	2151	203	562	
16	1550	13	1579	1563	15	-1548	-1548	1938	390	359	15	-45	0	-1593	2107	514	3	2110	172	531	
17	1470	8	1495	1478	15	-1463	-1463	1823	360	328	16	-20	0	-1483	1958	475	3	1961	138	466	551
17	1400	2	1419	1402	15	-1387	-1387	1727	340	308	17	+10	0	-1377	1872	495	3	1875	148	456	
18	1300	2	1320	1302	15	-1287	-1287	1577	290	257	18	+66	0	-1221	1726	505	3	1729	152	409	
18	1180	2	1200	1182	15	-1167	-1167	1417	250	217	19	+106	0	-1061	1594	533	3	1597	130	397	
125	974	2	1101	976	15	-961	-961	1231	270	130	20	+116	0	-845	1356	511	16	1372	141	271	
310	613	2	930	620	15	-605	-605	1005	400	75	21	+10	0	-595	1132	537	26	1158	153	228	352
350	468	2	820	470	15	-455	-455	965	510	145	22	-5	0	-460	1078	618	31	1109	144	289	
346	419	2	767	421	15	-406	-406	934	528	167	23	+5	0	-401	1047	646	31	1078	144	311	
345	308	2	655	310	15	-295	-295	827	532	172	24	+25	0	-270	927	657	31	958	131	303	
355	253	2	610	255	15	-240	-240	804	564	174	25	-141	0	-381	898	517	32	930	126	320	
347	220	2	569	222	15	-207	-207	796	589	227	26	+116	0	-91	875	784	32	907	111	338	
339	185	2	526	187	15	-172	-172	741	569	215	27	+106	0	-66	814	748	32	846	105	320	312
365	195	2	562	197	15	-182	-182	759	577	197	28	+96	0	-86	831	745	32	863	104	301	
407	113	2	522	115	15	-100	-100	706	606	184	29	+71	0	-29	785	756	32	817	111	295	
432	98	2	532	100	15	-85	-85	716	631	184	30	+76	0	-9	787	778	34	821	105	289	
425	103	2	530	105	15	-90	-90	761	671	231	JULY 1	+10	0	-80	802	722	15	817	56	287	298
485	95	1	581	96	15	-81	-81	752	671	171	2	-242	0	-323	816	493	15	831	79	250	
565	88	1	654	89	15	-74	-74	791	717	137	3	-161	0	-235	877	642	15	892	101	238	
620	80	1	701	81	15	-66	-66	802	736	101	4	-227	0	-293	853	560	15	868	66	157	
660	66	1	727	67	15	-52	-52	779	727	52	5	+20	0	-32	865	833	15	880	101	153	
660	52	1	713	53	15	-38	-38	760	722	47	6	+76	0	38	802	840	15	817	57	104	182
630	38	1	669	39	15	-24	-24	736	712	67	7	+141	0	117	765	882	15	780	44	111	
580	38	1	619	39	15	-24	-24	713	689	94	8	+116	0	92	74						

NORMAL FLOW AND INFLOW, STEWART DAM TO GRACE DA.

24-HOUR SECOND-FOOT

DATE	BEAR RIVER AT STEWART DAM	RAINIER CANAL AT HEAD	SINGLE INLET	TOTAL FLOW AT STEWART	TOTAL RAINIER + SINGLE INLET	TOTAL CANAL AT DINE	BEAR LAKE STORAGE - STORAGE - RELEASE +	BEAR RIVER AT PISCADERO	INFLOW STEWART TO PISCADERO	DATE	S.D.A. RESERVOIR STORAGE - RELEASE +	1 1/2 LOSS STORAGE	BEAR RIVER AT ALEXANDER	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
NORM	NORM	NORM	NORM	NORM	NORM	STOR	STOR	NORM	TOTAL	NORM	STOR	STOR	STOR	NORM
JULY 9	475	62	1	538	63	74	+11	11	624	91	ULY 10	+363	0	1070
10	425	86	1	512	87	332	+245	245	757	-58	11	+161	402	1060
11	390	94	1	485	95	643	+549	549	1010	-23	12	-35	505	1080
12	360	82	1	443	83	815	+731	731	1180	6	13	-81	639	1150
13	331	70	1	402	71	936	+765	765	1230	63	14	+30	784	1300
14	319	69	1	389	70	833	+763	763	1230	78	15	+30	792	1300
15	285	68	1	354	69	830	+761	761	1200	85	16	-171	579	1040
16	255	66	1	322	67	852	+785	785	1150	43	17	+81	854	1270
17	226	65	1	292	66	880	+814	814	1120	14	18	+111	913	1260
18	190	62	1	253	63	895	+832	832	1130	45	19	+166	986	1330
19	155	58	1	214	59	978	+919	919	1130	-3	20	+35	940	1240
20	134	55	1	190	56	1080	+1024	1024	1176	-14	21	-40	940	1190
21	134	57	1	192	58	1100	+1042	1042	1200	6	22	-96	940	1180
22	134	58	1	194	59	1100	+1043	1043	1200	16	23	-252	773	973
23	134	60	1	195	61	1070	+1049	1049	1200	27	24	-71	923	1110
24	134	61	1	196	62	1070	+1049	1049	1200	26	25	-71	923	1110
25	134	63	1	198	64	1050	+1049	1049	1200	26	26	-71	923	1110
26	128	62	1	191	63	1050	+1049	1049	1200	26	27	-71	923	1110
27	128	60	1	184	62	1050	+1049	1049	1200	26	28	-71	923	1110
28	118	59	1	175	60	1050	+1049	1049	1200	26	29	-71	923	1110
29	118	56	28	203	84	911	+727	727	1030	74	30	+164	913	1290
30	118	54	34	203	88	807	+717	717	1030	67	31	+287	943	1290
31	112	51	32	194	82	807	+717	717	1030	67	32	+287	943	1290
AUG. 1	97	48	21	166	69	796	+727	727	1030	67	33	+287	943	1290
2	100	48	5	154	63	848	+800	800	1000	100	34	+300	900	1100
3	85	48	5	133	52	953	+900	900	1000	100	35	+300	900	1100
4	85	47	5	132	52	1000	+944	944	1100	100	36	+300	900	1100
5	86	47	5	140	52	1040	+948	948	1100	100	37	+300	900	1100
6	92	45	5	142	52	1040	+948	948	1100	100	38	+300	900	1100
7	95	43	5	143	48	1060	+1011	1011	1200	145	39	-23	974	1180
8	92	41	5	138	46	1070	+1021	1021	1200	145	40	-23	974	1180
9	90	40	5	135	45	1060	+1019	1019	1200	145	41	-23	974	1180
10	88	38	5	131	43	1060	+1017	1017	1200	145	42	-23	974	1180
11	85	36	5	126	41	1040	+999	999	1190	141	43	-207	777	965
12	85	34	5	124	39	1040	+997	997	1190	141	44	-207	777	965
13	84	32	5	121	37	972	+935	935	1140	109	45	+106	1027	1150
14	84	30	5	119	35	972	+937	937	1140	109	46	+106	1027	1150
15	81	28	5	117	33	972	+939	939	1140	109	47	+106	1027	1150
16	85	27	5	117	32	974	+943	943	1140	109	48	+106	1027	1150
17	83	25	6	114	31	901	+870	870	1110	126	49	+106	1027	1150
18	81	23	6	110	29	748	+719	719	988	159	50	+106	1027	1150
19	78	22	6	106	28	695	+667	667	988	159	51	+106	1027	1150
20	75	22	7	104	29	689	+660	660	988	159	52	+106	1027	1150
21	71	21	7	99	28	683	+655	655	988	159	53	+106	1027	1150
22	68	20	7	95	27	754	+727	727	988	159	54	+106	1027	1150
23	67	22	6	95	28	836	+806	806	1100	110	55	+106	1027	1150
24	62	24	6	92	30	836	+806	806	1100	110	56	+106	1027	1150
25	56	26	6	88	32	833	+801	801	109	910	21	26	0	12
26	55	23	6	84	29	833	+804	804	95	899	11	27	-343	10
27	52	21	6	79	27	833	+806	806	93	899	14	28	0	12
28	49	18	6	73	24	830	+806	806	93	899	14	29	0	12
29	51	18	6	75	24	733	+709	709	163	872	84	30	+121	12
30	51	17	6	74	23	601	+578	578	158	736	84	31	+121	12
31	51	17	4	72	21	596	+577	577	112	689	40	32	+121	12
SEP. 1	48	16	1	65	17	593	+576	576	104	680	39	1	+101	9
2	46	16	1	63	17	552	+535	535	127	662	64	2	-440	8
3	45	16	2	63	18	510	+492	492	97	589	34	3	-232	7
4	43	15	2	60	17	506	+489	489	71	560	11	4	+111	7
5	42	15	2	58	17	506	+489	489	63	552	4	5	+125	7
6	39	15	1	55	16	473	+457	457	95	552	40	6	+101	7
7	36	14	1	51	15	470	+454	454	89	544	38	7	+181	7
8	33	14	1	48	15	528	+513	513	114	627	68	8	+35	8
9	31	14	1	46	15	528	+513	513	114	627	68	9	-374	5
10	29	14	1	44	15	350	+335	335	147	462	103	10	+176	5
11	27	14	1	42	15	367	+352	352	64	416	22	11	+192	5
12	25	14	1	40	15	449	+434	434	37	471	-3	12	+55	7
13	26	15	1	42	16	513	+497	497	20	517	-22	13	+40	7
14	27	15	1	43	16	552	+536	536	49	585	6	14	-96	8
15	25	16	1	42	17	552	+536	536	55	593	13	15	+5	8

NORMAL FLOW AND INFLOW 1944 STEWART DAM TO GRACE DAM

24-HOUR SECOND-FOOT

PLATE 37

RAIN & CANAL AT HEAD	DINGLE INLET	TOTAL INFL. AT STEWART	TOTAL RELEASE + DINGLE INLET	CANAL AT DIKE	BEAR LAKE STORAGE STORAGE - RELEASE +	BEAR RIVER AT PESCADERO	INFL. STEWART TO PESCADERO	DATE	SODA RESERVOIR STORAGE - RELEASE +	1% LOSS STORAGE	BEAR RIVER AT ALEXANDER	DIVERTED PESCADERO TO ALEXANDER	TOTAL NORMAL AT ALEXANDER	INFL. PESCADERO TO ALEXANDER	TOTAL INFL. STEWART TO ALEXANDER	5 DAY AVERAGE INFL. STEWART TO ALEXANDER	5 DAY AVERAGE TOTAL NORMAL ALEXANDER		
(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	
LOPM	NORM	NORM	NORM		STOR	STOR	NORM	TOTAL	NORM	STOR	STOR	STOR	NORM	TOTAL	NORM	NORM	NORM	NORM	
62	1	538	63	74	+11	11	629	640	91	ULY 10	+363	0	374	696	1070	15	711	82	173
86	1	512	87	332	+245	245	454	699	-58	11	+161	4	402	658	1060	18	676	222	164
94	1	485	95	643	+549	549	462	1010	-23	12	-35	8	505	575	1080	22	597	135	112
82	1	443	83	914	+731	731	449	1180	6	13	-81	11	639	511	1150	25	536	87	93
70	1	402	71	936	+765	765	465	1230	63	14	+30	11	784	516	1300	25	541	76	139
69	1	389	70	933	+763	763	467	1230	78	15	+30	11	782	518	1300	25	543	76	154
68	1	354	69	830	+761	761	433	1200	85	16	-171	11	579	461	1040	25	486	47	132
66	1	322	67	852	+785	785	365	1150	43	17	+81	12	854	416	1270	25	441	76	119
65	1	292	66	880	+814	814	306	1120	14	18	+111	12	913	347	1260	25	372	66	80
62	1	253	63	895	+832	832	298	1130	45	19	+166	12	986	344	1330	25	369	71	111
58	1	214	59	978	+919	919	211	1130	-3	20	+35	14	940	300	1240	25	325	114	111
55	1	190	56	1080	+1024	1024	176	1200	-14	21	-40	16	969	221	1190	25	246	70	56
57	1	112	58	1100	+1042	1042	150	1210	6	22	-86	16	940	240	1180	25	265	67	73
58	1	194	59	1100	+1041	1041	209	1250	16	23	-252	16	773	200	973	25	225	16	32
60	1	159	61	1070	+1009	1009	221	1230	26	24	-71	16	923	187	1110	25	212	-9	17
61	1	194	62	1040	+1018	1018	222	1240	26	25	-71	16	932	178	1110	25	203	-19	7
63	1	139	60	1050	+994	994	141	1230	47	26	-5	16	946	204	1170	25	279	-15	31
62	1	141	61	1111	+941	941	329	1150	138	27	+35	13	873	207	1080	22	224	-100	38
60	1	154	62	828	+763	763	277	1030	83	28	+154	11	908	222	1130	20	242	-25	58
59	1	170	60	819	+758	758	252	1010	74	29	+166	11	913	217	1160	18	265	13	87
50	28	200	64	911	+727	727	273	1000	73	30	-141	11	575	263	813	18	281	8	81
54	34	203	65	905	+717	717	211	980	68	31	+257	11	993	297	1290	18	315	44	112
61	51	181	63	807	+721	720	259	977	62	32	+242	11	951	259	1210	10	269	12	74
48	21	166	64	796	+727	727	449	966	71	33	+247	11	943	267	1210	10	277	38	111
42	5	154	63	848	+808	808	150	957	-3	34	+36	12	849	221	1110	10	231	81	73
48	5	141	62	953	+900	900	160	1060	19	35	-30	11	857	223	1080	10	233	73	32
47	5	137	60	1000	+944	944	162	1150	19	36	+111	11	1045	195	1240	10	205	53	68
47	5	140	52	1040	+988	988	162	1150	22	37	-44	11	924	154	710	10	196	34	56
45	5	142	50	1050	+1000	1000	180	1150	20	38	-35	11	950	210	1160	10	220	40	78
43	5	147	48	1060	+1010	1010	189	1200	45	39	-20	11	977	203	1180	10	213	25	70
41	5	138	46	1070	+1024	1024	154	1210	48	40	-76	11	933	167	1100	10	177	-9	39
40	5	135	45	1160	+1015	1015	199	1210	60	41	-71	11	929	151	1080	10	161	-34	26
38	5	131	43	1060	+1017	1017	193	1200	52	42	-86	11	916	144	1060	10	154	-29	23
36	5	126	41	1040	+999	999	131	1130	65	43	-207	11	777	189	965	10	198	7	72
34	5	124	39	1010	+971	971	209	1180	85	44	-529	11	427	128	555	10	136	-71	14
32	5	121	37	972	+935	935	209	1140	84	45	+106	11	1027	123	1150	10	133	-72	12
30	5	119	35	972	+937	937	192	1130	74	46	-86	11	837	143	980	10	153	-40	34
28	5	117	33	972	+939	939	181	1120	64	47	-161	11	764	131	895	10	141	-40	24
27	5	117	32	975	+943	943	177	1120	60	48	+40	11	969	131	1100	10	141	-36	24
25	6	114	31	902	+870	870	283	1110	126	49	+45	11	912	118	1060	10	158	-42	44
23	6	110	29	748	+719	719	269	989	159	50	+106	11	814	181	995	10	191	-74	81
22	6	106	28	695	+667	667	190	857	84	51	-262	10	395	140	535	10	150	-40	44
20	7	104	29	689	+660	660	155	815	51	52	+176	10	826	119	945	10	129	-26	25
21	7	99	28	663	+655	655	150	805	51	53	+217	10	862	121	963	10	131	-19	32
20	7	95	27	754	+727	727	73	800	-22	54	+121	11	837	91	918	10	91	18	-4
22	6	95	28	836	+808	808	75	883	-20	55	+81	12	877	60	937	10	70	-5	-25
24	6	92	30	836	+806	806	110	916	18	56	-20	12	774	82	856	10	92	-18	0
26	6	88	32	833	+801	801	109	910	21	57	0	12	789	71	860	10	81	-28	-7
23	6	84	29	833	+804	804	95	899	11	58	-343	12	1449	71	520	10	81	-14	-3
21	6	79	27	833	+806	806	93	899	14	59	0	12	794	102	896	10	112	19	33
18	6	73	24	820	+806	806	93	899	20	60	+121	12	815	61	976	10	71	-22	-2
18	6	75	24	733	+709	709	163	872	88	61	+156	11	854	119	973	10	129	-34	54
17	6	74	23	601	+578	578	158	736	84	62	+212	9	781	140	921	10	150	-8	76
17	4	72	21	598	+577	577	112	689	40	63	+45	9	613	137	750	10	147	35	75
16	1	65	17	593	+576	576	104	680	39	64	-161	9	466	108	574	10	118	14	53
16	1	63	17	552	+535	535	127	662	64	65	-449	8	78	150	228	10	160	33	97
16	2	63	18	510	+492	492	97	589	34	66	-232	7	253	85	338	10	95	-2	32
15	2	60	17	506	+489	489	71	560	11	67	+111	7	593	100	693	8	108	37	48
15	2	59	17	506	+489	489	63	552	4	68	+126	7	608	89	697	7	96	33	37
15	1	56	16	473	+457	457	95	552	40	69	+101	7	551	118	669	0	118	23	63
12	1	51	15	470	+454	454	89	544	38	70	+181	7	629	138	767	0	138	49	87
14	1	48	15	528	+513	513	27	440	-21	71	+35	8	540	104	644	0	104	77	56
14	1	44	15	528	+513	513	114	627	68	72	-374	8	127	97	224	0	97	-17	51
14	1	44	15	350	+335	335	147	452	103	73	+176	5	506	113	619	0	113	-34	69
14	1	42	15	367	+352	352	64	416	22	74	+192	5	539	83	622	0	83	19	41
14	1	40	15	449	+434	434	37	471	-3	75	+55	7	482	76	558	0	76	39	36
15	1	42	16	513	+497	497	20	517	-22	76	+40	7	530	66	596	0	66	46	24
15	1	43	16	552	+536	536	49	585	6	77	-96	8	432	108	5				

24-HOUR SECOND-FEET

MAY 1946		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
RECORDED FLOWS																											
UPPER UTAH CANALS		12	12	13	14	15	11	11	11	11	11	10	9	10	13	13	10	10	11	12	11	12	12	11	10	9	21
STATE LINE TO MILLIS		44	51	73	86	125	162	171	175	198	181	173	156	139	137	129	123	134	188	197	206	233	254	274	251	220	10
MILLIS TO EVANSTON		22	22	43	56	59	65	69	66	65	66	62	58	56	83	68	68	83	89	91	95	97	98	108	117	106	10
EVANSTON TO WOODRUFF		100	93	96	104	112	122	121	122	127	142	135	124	126	134	149	156	157	173	186	201	211	208	205	218	203	17
TOTAL UPPER WYOMING		178	178	225	260	311	360	372	374	401	400	380	347	331	336	345	356	384	461	513	533	553	572	598	596	538	49
MIDDLE UTAH		329	272	251	293	309	335	384	442	436	461	526	579	573	615	593	576	548	533	545	653	710	705	753	853	876	80
BEAR RIVER NEAR RANDOLPH		1170	1160	1130	1010	868	880	900	889	878	848	802	697	610	531	459	431	417	354	311	297	259	293	313	385	476	58
RANDOLPH TOTAL DIVERTEBLE		1677	1610	1606	1563	1488	1575	1656	1705	1715	1709	1708	1623	1514	1482	1397	1363	1349	1348	1342	1463	1522	1570	1664	1834	1890	188
MIDDLE WYOMING		74	78	102	177	140	171	346	304	220	133	167	141	128	150	209	224	241	233	224	220	226	266	295	343	364	40
COMPACT - SECTIONS RECEIVING																											
UPPER WYOMING		756	730	730	710	670	715	756	756	756	756	756	740	685	670	625	610	600	600	600	660	690	710	756	756	756	75
MIDDLE UTAH		756	730	730	710	670	715	756	756	756	756	756	740	685	670	625	610	600	600	600	660	690	710	756	756	756	75
MIDDLE WYOMING		171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	17
STORAGE BENEFIT AND ALLOCATION																											
FOR IRRIGATION		178	178	225	260	311	360	372	374	401	400	380	347	331	336	345	356	384	461	486	513	553	572	598	596	538	49
UPPER WYOMING IRRIGATION		178	178	225	260	311	360	372	374	401	400	380	347	331	336	345	356	384	461	486	513	553	572	598	596	538	49
UPPER WYOMING STORAGE		289	276	252	225	180	178	192	191	178	188	188	196	177	167	140	127	108	70	57	74	68	69	79	80	756	49
MIDDLE UTAH IRRIGATION		339	272	251	293	309	335	384	442	436	461	526	579	573	615	593	576	548	533	545	653	690	705	753	756	756	75
MIDDLE UTAH STORAGE		214	229	240	208	180	190	186	157	160	148	115	80	56	28	16	17	26	34	28	4	0	0	0	0	0	0
BEAR RIVER NEAR RANDOLPH		667	655	63																							

UPPER WYOMING, MIDDLE UTAH AND MIDDLE WYOMING SECTIONS IN SECTIONS, TOTAL DAILY DIVERTIBLE AND COMPACT ALLOCATIONS FOR 1946

24-HOUR SECOND- FEET

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
12	12	13	14	15	11	11	11	11	11	10	9	10	10	10	9	10	11	12	11	12	11	11	10	9	8	13	27	27	25	22	399
44	51	73	86	125	162	171	175	198	181	173	156	139	137	129	123	134	188	197	206	233	254	274	251	220	212	228	247	235	219	204	5425
22	22	43	56	59	65	69	66	65	66	62	58	56	55	57	68	83	89	91	95	97	98	108	117	106	100	94	92	91	88	79	2317
100	93	96	104	112	122	121	122	127	142	135	124	126	134	149	156	157	173	186	201	211	208	205	218	203	178	151	155	159	161	145	4684
178	178	225	260	311	360	372	374	401	400	380	347	331	336	345	356	384	461	496	513	553	572	598	596	538	498	496	521	512	493	450	12825
329	272	251	293	309	335	384	442	436	461	526	579	573	615	593	576	548	533	545	653	710	705	753	853	876	806	739	693	641	674	630	17333
1170	1160	1130	1010	868	880	900	889	878	848	802	697	610	531	459	431	417	354	311	297	259	293	313	385	476	583	531	531	562	594	518	19687
1677	1610	1606	1563	1488	1575	1656	1705	1715	1709	1708	1623	1514	1482	1397	1363	1349	1348	1342	1463	1522	1570	1664	1834	1890	1887	1766	1745	1715	1761	1598	49845
74	78	102	177	140	171	346	304	220	193	167	141	128	150	209	224	241	233	224	220	226	266	295	343	364	400	396	326	240	187	180	6965
FULL ALLOCATIONS FOR IRRIGATION																															
756	730	730	710	670	715	756	756	756	756	756	710	685	670	625	610	600	600	600	660	690	710	756	756	756	756	756	756	756	756	725	22054
756	730	730	710	670	715	756	756	756	756	756	710	685	670	625	610	600	600	600	660	690	710	756	756	756	756	756	756	756	756	725	22054
171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	5301
STORAGE BENEFIT AND ALLOCATION FOR IRRIGATION																															
178	178	225	260	311	360	372	374	401	400	380	347	331	336	345	356	384	461	496	513	553	572	598	596	538	498	496	521	512	493	450	12825
289	276	252	293	309	335	384	442	436	461	526	579	573	615	593	576	548	533	545	653	710	705	753	853	876	806	739	693	641	674	630	17333
329	272	251	293	309	335	384	442	436	461	526	579	573	615	593	576	548	533	545	653	710	705	753	853	876	806	739	693	641	674	630	17333
214	229	240	208	180	190	186	157	160	148	115	80	56	28	16	17	26	34	28	4	0	0	0	402	487	504	384	350	325	380	285	2316
667	655	638	577	508	512	522	541	540	522	499	421	377	336	303	287	283	250	226	219	211	224	234	402	487	504	384	350	325	380	285	12669
74	78	102	177	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	5042
48	46	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	128	
65	65	80	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	3570
610	596	582	526	457	461	471	490	489	471	448	370	326	285	251	236	232	199	175	168	160	173	183	351	436	453	333	299	274	329	234	11068
65	65	80	120	100	120	120	120	160	140	120	105	100	110	150	160	170	170	160	160	160	190	215	260	275	310	305	240	170	130	130	5125
1161	1147	1108	953	826	829	814	810	818	795	755	661	582	491	400	367	346	291	247	237	193	217	233	302	387	493	440	445	492	537	468	17847
FULL ALLOCATIONS FOR IRRIGATION																															
24	24	25	29	32	39	36	34	34	34	50	49	48	46	48	60	36	36	40	38	38	28	15	24	51	55	58	61	65	63	1220	
218	232	248	380	448	495	489	467	468	466	438	399	364	348	340	321	306	282	270	250	249	256	251	249	227	230	223	230	223	228	9595	
70	74	84	109	140	172	172	158	154	153	132	114	113	113	116	114	109	106	104	104	99	96	94	93	87	80	83	86	82	75	3320	
133	134	136	148	192	233	258	246	244	244	228	204	185	168	154	147	138	131	127	114	102	98	110	114	114	101	76	81	62	54	4489	
445	464	493	666	812	939	955	905	900	897	862	784	712	675	658	642	589	555	541	506	488	478	470	491	479	466	442	458	432	420	18624	
637	631	580	561	598	686	711	752	757	747	767	763	726	683	666	582	592	541	520	491	447	444	362	340	340	343	293	247	178	115	16016	
445	390	385	360	254	234	238	338	405	419	389	348	372	367	321	267	233	200	198	166	150	122	105	100	95	86	72	65	62	55	7241	
1527	1485	1458	1587	1664	1859	1904	1995	2062	2063	2018	1895	1810	1725	1605	1491	1414	1296	1259	1163	1085	1014	937	917	914	895	807	770	672	590	41881	
124	124	173	176	172	166	158	185	222	234	225	217	215	221	209	190	178	186	182	176	177	164	143	139	126	106	110	98	89	83	4968	
FULL ALLOCATIONS FOR IRRIGATION																															
690	670	655	720	756	756	756	756	756	756	756	756	756	756	730	670	635	575	560	510	470	435	395	385	385	375	335	315	265	225	17560	
690	670	655	720	756	756	756	756	756	756	756	756	756	756	730	670	635	575	560	510	470	435	395	385	385	375	335	315	265	225	17560	
171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	170	169	168	168	167	166	166	165	165	165	165	164	164	163	162	5052	
STORAGE BENEFIT AND ALLOCATION FOR IRRIGATION																															
445	464	493	666	756	756	756	756	756	756	756	756	756	756	730	670	635	575	560	510	470	435	395	385	385	375	335	315	265	225	16693	
122	103	81	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	333	
690	670	655	720	756	756	756	756	756	756	756	756	756	756	730	670	635	575	560	510	470	435	395	385	385	375	335	315	265	225	17560	
690	670	655	720	756	756	756	756	756	756	756	756	756	756	730	670	635	575	560	510	470	435	395	385	385	375	335	315	265	225	17560	

1170	1160	1130	1010	868	880	900	889	442	436	461	526	579	573	615	593	576	548	533	545	653	710	705	753	853	876	806	739	693	641	674	630	17333
1677	1610	1606	1563	1488	1575	1656	1705	1715	1709	1708	1623	1514	1482	1397	1363	1349	1348	1342	1463	1522	1570	1664	1834	1890	1887	1766	1745	1715	1761	1598	49845	
74	78	102	177	140	171	346	304	220	193	167	141	128	150	209	224	241	233	224	220	226	266	295	343	364	400	396	326	240	187	180	6965	
FULL ALLOCATIONS FOR IRRIGATION																																
756	730	730	710	679	715	756	756	756	756	756	740	685	670	625	610	600	600	600	660	690	710	756	756	756	756	756	756	756	756	756	725	22054
756	730	730	710	679	715	756	756	756	756	756	740	685	670	625	610	600	600	600	660	690	710	756	756	756	756	756	756	756	756	756	725	22054
171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	5301	
STORAGE BENEFIT AND ALLOCATION																																
178	178	225	260	311	360	372	374	401	400	380	347	331	335	345	356	384	461	486	513	553	572	598	596	538	498	496	521	512	493	450	12825	
289	276	252	225	180	178	192	191	178	178	188	196	177	167	140	127	108	70	57	74	68	69	79	80	109	129	130	118	122	132	138	12825	
329	329	272	293	309	335	384	442	436	461	526	579	573	593	576	576	548	533	545	653	690	705	753	756	756	756	756	756	756	756	756	14617	
214	229	240	208	180	190	186	157	160	148	115	80	56	28	16	17	26	34	28	4	211	224	234	402	467	504	384	350	325	380	285	12669	
667	655	638	577	508	512	522	541	540	522	499	421	377	336	303	287	283	250	226	219	211	224	234	402	467	504	384	350	325	380	285	12669	
74	78	102	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	5042	
48	46	34	0	0	0	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	128	3570
610	596	582	526	457	461	471	490	489	471	448	448	370	285	251	236	232	199	175	168	160	160	183	351	436	453	333	299	274	329	334	11068	
65	65	80	120	100	120	260	225	160	140	120	120	105	110	150	160	170	170	160	160	160	190	215	260	275	275	310	305	240	170	130	130	5125
1161	1147	1108	953	828	829	814	810	818	795	755	661	582	491	400	367	346	291	247	237	193	217	233	302	387	493	440	445	492	537	468	17847	

24	24	25	29	32	39	36	34	34	34	50	49	48	46	48	60	36	36	40	38	38	28	15	24	51	55	58	61	65	63	1220		
218	232	248	380	448	495	489	467	468	466	438	399	364	348	340	321	306	282	270	250	249	256	251	249	227	230	223	230	223	228	1220		
70	74	84	109	140	172	172	158	154	153	146	132	115	113	116	114	109	106	104	104	99	96	94	93	87	80	83	86	82	75	9595		
133	134	136	148	192	233	258	246	244	244	228	204	185	168	154	147	138	131	127	114	102	98	110	125	114	101	76	81	62	54	3330		
445	464	493	666	812	939	955	905	900	897	862	784	712	675	658	642	589	555	541	506	488	478	470	491	479	466	442	458	432	420	4489		
637	631	580	561	598	686	711	752	757	747	767	763	726	683	626	582	592	541	520	491	447	414	362	326	340	343	293	247	178	115	18624		
445	390	385	360	254	234	238	338	405	419	389	348	372	367	321	267	233	200	198	166	150	122	105	100	95	86	72	65	62	55	16016		
1527	1485	1458	1587	1664	1859	1904	1995	2062	2063	2018	1895	1810	1725	1605	1491	1414	1296	1259	1163	1085	1014	937	917	914	895	807	770	672	590	7241		
124	124	173	176	172	166	158	185	222	234	225	217	215	221	209	190	178	186	182	176	177	164	143	139	126	106	110	98	89	83	41881		
FULL ALLOCATIONS FOR IRRIGATION																																
690	670	655	720	756	756	756	756	756	756	756	756	756	756	730	670	635	575	560	510	470	435	395	385	385	375	335	315	265	225	17560		
690	670	655	720	756	756	756	756	756	756	756	756	756	756	730	670	635	575	560	510	470	435	395	385	385	375	335	315	265	225	17560		
171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	170	169	168	168	167	166	166	165	165	165	165	164	164	163	162	162	5052	
TOTAL REQUIREMENT AND ALLOCATIONS																																

445	464	493	666	756	756	756	756	756	756	756	756	756	756	730	670	635	575	560	510	470	435	395	385	385	375	335	315	265	225	16893			
122	103	81	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	333		
690	670	655	720	756	756	756	756	756	756	756	756	756	756	730	670	635	575	560	510	470	435	395	385	385	375	335	315	265	225	17560			
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
270	248	229	174	152	347	392	483	550	551	506	383	298	213	145	151	148	146	139	143	145	144	147	147	144	145	137	140	142	140	140	7099		
171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	170	169	168	168	167	166	166	165	165	165	165	164	164	163	162	162	5052		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	3600	
219	197	178	123	101	296	342	432	499	500	455	332	247	162	94	101	99	98	91	96	99	98	102	102	99	100	93	96	99	98	70	0	3600	
110	110	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	0	0
431	376	332	304	202	188	195	283	343	355	324	286	312	306	262	212	180	144	146	115	98	78	67	61	64	60	47	42	43	42	42	0	0	
STORAGE BENEFIT AND ALLOCATION FOR IRRIGATION																																	

MIDDLE UTAH	329	272	251	293	309	335	384	442	436	461	526	579	573	615	593	576	544	533	545	653	710	705	753	853	876	806	73
BEAR RIVER NEAR RANDOLPH	1170	1160	1130	1010	868	880	900	889	878	848	802	697	610	531	459	431	417	354	311	297	259	293	313	385	476	583	53
RANDOLPH TOTAL DIVERTEBLE	1677	1610	1606	1563	1488	1575	1656	1705	1715	1709	1708	1623	1514	1482	1397	1363	1349	1348	1342	1463	1522	1570	1664	1834	1890	1087	176
MIDDLE WYOMING	74	78	102	177	140	171	346	304	220	193	167	141	128	150	209	224	241	233	224	220	226	266	295	343	364	400	39
COMPACT - SECTIONS RECEIVING FULL ALLOCATIONS FOR IRRIGATION																											
UPPER WYOMING	756	730	730	710	670	715	756	756	756	756	756	740	685	670	625	610	600	600	600	660	690	710	756	756	756	756	77
MIDDLE UTAH	756	730	730	710	670	715	756	756	756	756	756	740	685	670	625	610	600	600	600	660	690	710	756	756	756	756	77
MIDDLE WYOMING	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	17
COMPACT - SECTIONS RECEIVING STORAGE																											
UPPER WYOMING IRRIGATION	178	178	225	260	311	360	372	374	401	400	380	347	331	336	345	356	384	461	486	513	553	572	598	596	538	498	47
UPPER WYOMING STORAGE	289	276	252	225	180	178	192	191	178	178	188	126	177	167	140	127	108	70	57	74	68	69	79	80	109	129	47
MIDDLE UTAH IRRIGATION	329	272	251	293	309	335	384	436	461	461	526	579	615	593	576	548	533	533	515	553	690	705	753	756	756	756	77
MIDDLE UTAH STORAGE	214	229	240	208	180	190	186	157	160	148	115	80	56	28	16	17	26	34	28	4	0	0	0	0	0	0	3
BEAR RIVER NEAR RANDOLPH	667	655	638	577	508	512	522	541	540	522	499	421	377	336	303	287	283	250	226	219	211	224	234	402	487	504	34
MIDDLE WYOMING IRRIGATION	74	78	102	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	17
MIDDLE WYOMING STORAGE	48	46	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
COMPACT GAIN TO SMITHS FK.	65	65	80	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	17
COMPUTED FLOW AT SMITHS FK.	610	596	582	526	457	461	471	490	489	471	448	370	326	285	251	236	232	199	175	168	160	173	183	351	436	453	30
EST. ACTUAL GAIN TO SM. FK.	65	65	80	120	100	120	260	225	160	140	120	105	100	110	150	160	170	170	160	160	160	190	215	260	275	310	30
COMP. ACTUAL FLOW SM. FK.	1161	1147	1108	953	828	829	814	810	818	795	755	661	582	491	400	367	346	291	247	237	193	217	233	302	387	493	47

JUNE 1946																												
RECORDED FLOWS																												
UPPER UTAH CANALS	24	24	25	29	32	39	36	34	34	34	50	49	48	46	48	60	36	36	40	38	38	28	15	24	51	55	27	
STATE LINE TO MILLIS	218	232	248	380	448	495	489	467	468	466	438	399	364	348	340	321	306	282	270	250	249	256	251	249	227	230	27	
MILLIS TO EVANSTON	70	74	84	109	140	172	172	158	154	153	146	132	115	113	116	114	109	106	104	104	99	96	94	93	87	80	27	
EVANSTON TO WOODRUFF	133	134	136	148	192	233	258	246	244	244	228	204	185	168	154	147	138	131	127	114	102	98	110	125	114	101	27	
TOTAL UPPER WYOMING	445	464	493	666	812	939	955	905	900	897	862	784	712	675	658	642	589	555	541	506	488	478	470	491	479	466	44	
MIDDLE UTAH	637	631	580	561	598	686	711	752	757	747	767	763	726	683	626	582	592	541	520	491	447	424	362	326	340	343	2	
BEAR RIVER NEAR RANDOLPH	445	390	385	360	254	234	238	338	405	419	389	348	372	367	321	267	233	200	198	166	150	122	105	100	95	86	8	
RANDOLPH TOTAL DIVERTEBLE	1527	1485	1458	1587	1664	1859	1904	1995	2062	2063	2018	1895	1810	1725	1605	1491	1414	1296	1259	1163	1085	1044	937	917	914	895	8	
MIDDLE WYOMING	124	124	173	176	172	166	158	185	222	234	225	217	215	221	209	190	178	186	182	176	177	164	143	139	126	106	1	
COMPACT - SECTIONS RECEIVING FULL ALLOCATIONS FOR IRRIGATION																												
UPPER WYOMING	690	670	655	720	756	756	756	756	756	756	756	756	756	756	730	670	635	575	560	510	470	435	395	385	385	375	2	
MIDDLE UTAH	690	670	655	720	756	756	756	756	756	756	756	756	756	756	730	670	635	575	560	510	470	435	395	385	385	375	2	
MIDDLE WYOMING	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	170	169	166	168	167	166	166	165	165	165	165	1	
COMPACT - SECTIONS RECEIVING FULL ALLOCATIONS FOR IRRIGATION																												
UPPER WYOMING IRRIGATION	145	164	193	266	311	360	372	374	401	400	380	347	331	336	345	356	384	461	486	513	553	572	598	596	538	498	375	
UPPER WYOMING STORAGE	122	103	81	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	375	
MIDDLE UTAH IRRIGATION	690	670	655	720	756	756	756	756	756	756	756	756	756	756	730	670	635	575	560	510	470	435	395	385	385	375	3	
MIDDLE UTAH STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
BEAR RIVER NEAR RANDOLPH	270	248	229	174	152	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	3	
MIDDLE WYOMING IRRIGATION	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	3	
MIDDLE WYOMING STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
COMPACT GAIN TO SMITHS FK.	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	3
COMPUTED FLOW AT SMITHS FK.	219	197	178	123	101	296	341	432	499	500	455	332	247	162	94	101	99	98	91	96	99	98	102	102	100	95	120	3
EST. ACTUAL GAIN TO SM. FK.	110	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	80	3
COMP. ACTUAL FLOW SM. FK.	431	376	332	304	202	188	195	283	343	355	324	286	312	306	262	212	180	144	146	115	98	78	67	61	64	60	1	

UPPER WYOMING, MIDDLE UTAH AND MIDDLE WYOMING SECTIONS
SECTIONS, TOTAL DAILY DIVERTIBLE AND COMPACT ALLOC

JULY 1946		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
RECORDED FLOWS																											
UPPER UTAH CANALS		63	61	58	58	53	55	56	52	45	47	47	47	53	52	53	54	56	56	54	54	52	53	55	55	56	56
STATE LINE TO MILLIS		225	226	215	207	201	202	192	184	157	144	133	122	114	120	105	92	79	65	60	57	54	49	47	47	50	52
MILLIS TO EVANSTON		70	70	60	48	48	46	46	46	36	28	20	23	26	30	34	32	27	24	20	18	16	15	14	14	17	20
EVANSTON TO WOODRUFF		53	55	52	46	43	35	25	24	20	16	14	12	13	16	18	12	13	11	16	13	9	6	4	6	10	10
TOTAL UPPER WYOMING		141	142	385	359	345	338	319	306	261	235	214	204	206	218	210	190	175	156	150	142	131	123	122	129	138	138
MIDDLE UTAH		104	108	108	97	90	87	78	72	63	59	55	40	47	37	40	39	39	39	38	36	29	24	24	26	27	34
BEAR RIVER NEAR RANDOLPH		48	47	46	46	46	44	43	43	42	41	40	38	38	36	37	37	36	35	34	34	34	32	32	34	34	34
RANDOLPH TOTAL DIVERTEBLE		566	567	539	502	481	469	440	421	366	335	309	282	291	291	287	266	250	230	222	212	194	179	178	189	199	199
MIDDLE WYOMING		75	48	30	21	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPACT - SECTIONS RECEIVING																											
UPPER WYOMING		210	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	90	95	100
UPPER WYOMING STORAGE		210	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	90	95	100
MIDDLE UTAH IRRIGATION		210	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	90	95	100
BEAR RIVER NEAR RANDOLPH		146	147	139	142	141	139	140	131	106	95	79	62	71	71	67	56	50	40	32	22	4	25				
MIDDLE WYOMING IRRIGATION		162	162	162	161	161	161	161	145	110	90	80	70	70	70	70	60	60	50	35	30	30					
MIDDLE WYOMING STORAGE		115	115	115	115	115	115	115	105	85	75	70	60	60	60	60	55	50	45	45	40	40					
COMPACT GAIN TO SMITHS FK.		99	100	92	96	95	93	94	91	81	70	69	52	61	61	57	51	50	45	42	32	19					
COMPUTED FLOW AT SMITHS FK.		65	50	40	35	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30					
EST. - ACTUAL GAIN TO SM. FK.		38	49	56	60	69	74	73	73	72	71	70	68	68	66	67	67	66	65	64	64	64					
COMP. - ACTUAL FLOW SM. FK.																											
AUGUST 1946																											
RECORDED FLOWS																											
UPPER UTAH CANALS		41	40	41	40	42	42	40	36	33	32	33	39	39	40	39	33	30	28	25	26	31	36	42	37	35	
STATE LINE TO MILLIS		26	24	21	17	15	15	16	18	17	18	20	22	29	30	29	20	19	17	16	18	22	26	33	32	30	
MILLIS TO EVANSTON		12	10	7	6	6	5	5	5	6	6	6	7	7	7	8	7	6	5	4	4	4	2	2	3	3	
EVANSTON TO WOODRUFF		6	4	4	5	4	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL UPPER WYOMING		85	78	73	68	67	65	63	62	57	57	59	68	75	77	76	60	55	50	45	48	57	64	77	72	68	
MIDDLE UTAH		20	21	20	22	20	19	18	18	18	16	16	17	15	16	13	12	10	10	10	10	10	10	10	10	10	
BEAR RIVER NEAR RANDOLPH		33	32	32	32	37	34	32	32	32	32	32	32	32	32	31	32	31	31	30	30	30	31	37	55	35	
RANDOLPH TOTAL DIVERTEBLE		138	131	125	122	124	118	113	112	107	105	107	117	122	125	120	104	96	91	85	88	97	105	124	137	113	
MIDDLE WYOMING		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
COMPACT - SECTIONS RECEIVING																											
UPPER WYOMING		70	65	60	60	60	60	55	55	55	53	55	60	60	60	60	50	50	45	40	45	50	50	60	70	60	
MIDDLE UTAH		70	65	60	60	60	60	55	55	55	50	55	60	60	60	60	50	50	45	40	45	50	50	60	70	60	
MIDDLE WYOMING		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
COMPACT - SECTIONS RECEIVING																											
UPPER WYOMING IRRIGATION		70	65	60	60	60	60	55	55	55	50	55	60	60	60	60	50	50	45	40	45	50	50	60	70	60	
UPPER WYOMING STORAGE		70	65	60	60	60	60	55	55	55	50	55	60	60	60	60	50	50	45	40	45	50	50	60	70	60	

UPPER WYOMING, MIDDLE UTAH AND MIDDLE WYOMING SECTIONS
IONS IN SECTIONS, TOTAL DAILY DIVERTIBLE AND COMPACT ALLOCATIONS FOR 1946

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	
1	61	58	58	53	55	56	52	45	47	47	47	53	52	53	54	56	56	54	54	52	53	55	55	56	54	49	46	44	52	47	1611	
2	226	215	207	201	202	192	184	157	144	133	122	114	120	105	92	79	65	60	57	54	49	47	50	52	37	35	34	32	31	34	3358	
3	70	60	48	42	46	46	46	36	28	20	23	25	30	32	32	27	24	20	18	16	15	16	17	20	18	15	12	10	11	11	3913	
4	55	52	52	43	35	25	24	20	16	14	12	13	16	18	12	13	11	16	13	9	6	4	6	10	13	12	9	6	6	3	591	
5	412	385	359	345	338	319	306	261	235	214	204	206	218	210	190	175	156	150	142	131	123	122	129	138	122	111	101	92	100	95	6503	
6	108	108	97	90	87	78	72	63	59	55	40	38	37	40	39	39	39	38	36	29	24	24	26	27	28	26	26	26	25	24	1561	
7	47	46	46	46	44	43	43	42	41	40	38	38	36	37	37	36	35	34	34	34	32	32	34	34	38	33	32	32	32	32	1176	
8	567	539	502	481	469	440	421	366	335	309	282	291	291	287	266	250	230	222	212	194	179	178	189	199	188	170	159	150	157	151	9240	
9	48	30	21	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	181	
10	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
11	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
12	162	162	161	161	161	161	145	110	90	80	70	70	70	70	60	50	40	35	30	25	20	15	10	5	0	0	0	0	0	0	2125	
13	115	115	115	115	115	115	105	85	75	70	60	60	60	60	55	50	45	45	40	40	39	30	30	30	30	25	25	25	25	25	25	3690
14	100	92	96	95	93	94	91	81	70	69	52	61	61	57	51	50	45	42	32	19	19	30	30	30	30	25	25	25	25	25	25	3690
15	99	92	96	95	93	94	91	81	70	69	52	61	61	57	51	50	45	42	32	19	19	30	30	30	30	25	25	25	25	25	25	3690
16	50	40	40	35	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	3690
17	49	56	60	69	74	73	73	72	71	70	68	68	66	67	67	66	65	64	64	64	64	64	64	64	64	64	64	64	64	64	64	3690
18	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
19	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
20	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
21	147	139	142	141	139	140	131	106	95	79	62	71	71	67	56	50	40	32	22	4												3690
22	162	162	161	161	161	161	145	110	90	80	70	70	70	70	60	50	40	35	30	25												3690
23	115	115	115	115	115	115	105	85	75	70	60	60	60	60	55	50	45	45	40	40	39	30	30	30	30	25	25	25	25	25	25	3690
24	100	92	96	95	93	94	91	81	70	69	52	61	61	57	51	50	45	42	32	19	19	30	30	30	30	25	25	25	25	25	25	3690
25	99	92	96	95	93	94	91	81	70	69	52	61	61	57	51	50	45	42	32	19	19	30	30	30	30	25	25	25	25	25	25	3690
26	50	40	40	35	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	3690
27	49	56	60	69	74	73	73	72	71	70	68	68	66	67	67	66	65	64	64	64	64	64	64	64	64	64	64	64	64	64	64	3690
28	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
29	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
30	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
31	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
32	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
33	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
34	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
35	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
36	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
37	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
38	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
39	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
40	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
41	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
42	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
43	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
44	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
45	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
46	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
47	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
48	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
49	210	200	180	170	165	150	145	130	125	115	110	110	110	110	105	100	95	95	95	95	90	90	95	100	95	85	80	75	80	75	3690	
50	210	200	180	170	165	150	145	130	125	115	110	110	11																			

[illegible]

UPPER WYOMING, MIDDLE UTAH AND MIDDLE WYOMING SECTIONS
DAILY DIVERSIONS IN SECTIONS, TOTAL DAILY DIVERTIBLE AND COMPACT ALLOCATION

SEPTEMBER 1946		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
RECORDED FLOWS																											
UPPER UTAH CANALS		26	29	26	22	23	22	22	23	23	22	19	16	18	22	21	21	21	18	18	12	11	10	9	9	9	9
STATE LINE TO MILLS		18	19	17	19	21	20	18	16	13	13	11	10	8	8	9	10	11	9	12	13	14	15	16	14	15	14
MILLS TO EVANSTON		1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4
EVANSTON TO WOODRUFF		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL UPPER WYOMING		45	49	44	42	45	43	41	40	37	36	32	28	28	32	32	33	34	30	33	28	28	28	29	27	28	27
MIDDLE UTAH																											
BEAR RIVER NEAR RANDOLPH		30	30	30	30	29	29	23	34	30	28	28	28	28	28	28	27	28	28	27	27	26	26	26	28	32	32
RANDOLPH TOTAL DIVERTEBLE		84	88	83	81	83	81	78	83	76	73	69	65	65	69	69	70	72	70	73	69	68	68	69	69	73	72
MIDDLE WYOMING		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPACT - SECTIONS RECEIVING		FULL ALLOCATIONS FOR IRRIGATION																									
UPPER WYOMING																											
MIDDLE UTAH																											
MIDDLE WYOMING																											
COMPACT - SECTIONS RECEIVING		STORAGE BENEFIT AND ALLOCATION FOR IRRIGATION																									
UPPER WYOMING IRRIGATION																											
UPPER WYOMING STORAGE																											
MIDDLE UTAH IRRIGATION																											
MIDDLE UTAH STORAGE																											
BEAR RIVER NEAR RANDOLPH																											
MIDDLE WYOMING IRRIGATION																											
MIDDLE WYOMING STORAGE																											
COMPACT GAIN TO SMITHS FK.																											
COMPUTED FLOW AT SMITHS FK.																											
EST. ACTUAL GAIN TO SM. FK.																											
COMP. ACTUAL FLOW SM. FK.																											

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ORANGE BENEFIT AND ALLOCATION FOR IRRIGATION

LOWER WYOMING AND UPPER IDAHO SECTIONS DAILY DIVERSIONS IN SECTIONS, TOTAL DAILY DIVERTEBLE AND COMPACT ALLOCATION

MAY 1946																									
RECORDED FLOWS																									
DIVERGED SALTUS FORK	18	15	19	20	21	29	32	33	30	28	26	23	21	66	101	107	112	111	119	123	126	151	174	177	174
DIVERGED BEAR RIVER	90	90	84	78	73	66	55	39	51	65	78	66	56	46	35	32	28	26	26	26	23	22	21	52	77
TOTAL LOWER WYOMING	108	108	103	98	97	95	85	72	81	93	104	89	77	112	136	139	140	137	145	149	151	173	195	229	251
DIVERGED BORDER TO HARPER	26	69	68	67	67	64	61	66	69	72	71	69	76	66	63	57	54	49	47	47	51	50	50	53	53
DIVERGED HARPER TO STEWART	179	177	175	170	162	151	230	226	225	228	245	259	279	276	245	241	241	277	301	310	326	322	345	374	424
TOTAL UPPER IDAHO	205	246	243	237	229	218	291	292	294	300	315	328	355	344	308	298	295	326	348	357	377	372	395	427	467
RAINBOW CANAL	2380	2430	2420	2390	2310	2240	2140	1930	1820	1940	2070	2090	1950	1640	1660	1440	1200	1090	1030	918	857	784	744	697	677
BEAR RIVER BELOW STEWART	14	15	15	15	15	15	15	14	13	13	15	16	15	15	15	14	16	16	15	15	17	18	16	13	13
TOTAL PASSING STEWART	2394	2445	2435	2395	2325	2255	2155	1944	1833	1953	2105	2096	1966	1355	1675	1454	1216	1096	1045	993	935	875	800	761	715
TOTAL MEASURED DIVERTEBLE	2707	2799	2781	2730	2651	2568	2531	2308	2208	2346	2525	2513	2398	2311	2119	1891	1651	1559	1538	1499	1463	1420	1390	1417	1433
COMPACT — SECTIONS RECEIVING DIFFERENCE IN DIVERTE FLOW																									
TOTAL NET DIVERTEBLE FLOW	100	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	84	86	82	80	78	68	56	40	28
TOTAL IRRIGATION ALLOCATION	2807	2899	2883	2835	2756	2674	2643	2421	2322	2454	2627	2603	2514	2409	2205	1975	1735	1620	1579	1511	1483	1446	1457	1461	1438
LOWER WYOMING	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308
UPPER IDAHO	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454
PASSING STEWART	2045	2137	2121	2073	1994	1912	1861	1659	1560	1692	1865	1861	1752	1647	1443	1213	973	883	858	817	779	726	684	695	676
COMPACT — SECTIONS RECEIVING ALLOCATIONS TO EXENT OF DEMAND																									
LOWER WYOMING STORAGE	100	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	84	86	82	80	78	68	56	40	28
LOWER WYOMING	108	108	103	98	97	95	85	72	81	93	104	89	77	112	136	139	140	137	145	149	151	173	195	229	251
UPPER IDAHO STORAGE	125	104	106	108	112	118	82	81	81	77	69	63	50	55	73	78	80	64	53	48	38	41	30	24	0
UPPER IDAHO	205	246	243	237	229	218	291	292	294	300	316	328	355	344	308	298	295	326	348	357	377	372	395	427	467
PASSING STEWART	2169	2211	2227	2182	2108	2031	1961	1750	1639	1768	1931	1923	1800	1702	1516	1292	1052	946	910	865	819	766	714	707	700
JUNE 1946																									
RECORDED FLOWS																									
DIVERGED SALTUS FORK	197	208	227	243	264	284	290	304	313	320	324	321	325	330	318	323	337	338	324	309	296	291	290	289	292
DIVERGED BEAR RIVER	127	122	105	98	114	146	162	178	185	194	199	186	195	182	184	184	177	174	173	161	148	144	141	138	136
TOTAL LOWER WYOMING	324	330	332	341	378	430	452	482	498	514	523	507	510	502	502	507	514	512	497	470	444	435	431	427	428
DIVERGED BORDER TO HARPER	60	56	51	48	51	53	53	54	57	56	56	66	67	67	66	63	63	62	61	60	55	54	52	52	52
DIVERGED HARPER TO STEWART	493	471	475	425	343	429	439	468	470	456	455	468	471	474	462	451	431	436	425	434	423	450	422	407	376
TOTAL UPPER IDAHO	553	527	526	473	394	482	492	522	527	512	511	534	538	541	528	514	497	499	486	494	491	450	422	407	428
RAINBOW CANAL	946	898	825	720	582	459	428	445	427	442	393	412	448	442	396	371	350	350	331	316	286	256	241	205	190
BEAR RIVER BELOW STEWART	18	18	17	17	14	19	18	18	13	19	19	20	20	20	20	20	21	20	20	20	20	21	21	20	20
TOTAL PASSING STEWART	964	916	842	737	596	478	436	433	445	431	412	432	438	432	432	416	392	370	351	336	307	277	261	225	210
TOTAL MEASURED DIVERTEBLE	1841	1773	1700	1551	1366	1390	1380	1437	1470	1457	1446	1473	1486	1475	1462	1437	1403	1380	1334	1300	1232	1162	1114	1059	1051
COMPACT — SECTIONS RECEIVING DIFFERENCE IN DIVERTE FLOW																									
TOTAL NET DIVERTEBLE FLOW	1833	1762	1688	1535	1333	1329	1308	1350	1375	1394	1338	1373	1385	1378	1365	1337	1300	1278	1240	1219	1164	1098	1052	999	989
TOTAL IRRIGATION ALLOCATION	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308
LOWER WYOMING	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454
UPPER IDAHO	1071	1000	926	773	571	567	546	588	613	592	576	611	623	616	603	575	538	515	457	402	336	290	237	227	227

LOWER WYOMING AND UPPER IDAHO SECTIONS IN SECTIONS, TOTAL DAILY DIVERGIBLE AND COMPACT ALLOCATIONS FOR 1946

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
18	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
90	90	81	78	73	66	53	39	51	65	78	66	56	46	35	32	28	26	26	26	23	151	174	177	174	159	190	201	206	194	189	3003
108	108	103	98	97	95	85	72	81	93	104	89	77	112	136	139	140	137	145	149	151	173	195	229	251	243	281	301	313	308	307	4920
26	69	66	67	67	64	61	66	69	72	71	69	76	68	63	57	54	49	47	51	50	50	53	53	53	53	55	56	59	60	61	1333
179	177	175	170	162	154	230	226	225	226	245	259	279	276	245	241	241	277	301	310	326	322	345	374	414	405	431	460	494	487	502	1533
205	246	243	237	229	218	291	292	294	300	314	328	355	344	308	298	295	326	348	357	377	372	395	427	467	468	486	518	553	547	563	11003
30	2430	2429	2380	2310	2240	2140	1930	1820	1940	2090	2090	1930	1540	1660	1440	1200	1080	1030	978	918	857	784	747	697	677	700	774	839	914	954	46199
304	2445	2435	2395	2325	2255	2155	1944	1833	1953	2105	2096	1966	1755	1675	1454	1216	1096	1045	993	935	875	800	761	715	695	718	793	858	932	972	46689
27	2799	2781	2730	2651	2568	2531	2306	2208	2346	2525	2513	2398	2311	2119	1891	1451	1559	1536	1499	1463	1420	1390	1417	1433	1406	1485	1612	1724	1787	1842	62612
11	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	2311
100	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
107	2699	2683	2635	2735	2674	2643	2421	2322	2454	2627	2623	2514	2409	2205	1975	1735	1645	1620	1579	1541	1468	1446	1457	1461	1438	1499	1616	1722	1787	1842	0
108	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308
109	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454
110	2137	2121	2073	1994	1912	1861	1659	1560	1692	1865	1861	1752	1647	1443	1213	973	883	858	817	779	726	684	695	699	676	737	854	960	1025	1080	41301
111	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	2311
112	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
113	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
114	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
115	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
116	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
117	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
118	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
119	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
120	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
121	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
122	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
123	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
124	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
125	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
126	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
127	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
128	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
129	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
130	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
131	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
132	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
133	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
134	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
135	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
136	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
137	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
138	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
139	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
140	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
141	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
142	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	86	82	80	78	68	56	40	28	32	14	1616	1722	1787	1842	0	64923
143																															

179	177	175	170	162	154	230	226	225	226	245	259	279	276	245	241	241	277	301	310	326	322	345	374	414	425	434	430	474	481	506
246	243	237	229	218	291	292	294	300	316	328	355	344	308	298	295	326	348	357	377	372	395	427	467	468	486	518	553	547	563	11003
2430	2420	2390	2310	2240	2110	1930	1820	1940	2090	2080	1950	1760	1660	1440	1200	1090	1030	978	918	857	794	747	697	677	700	774	839	914	954	46133
15	15	15	15	15	15	15	13	13	15	16	16	15	15	11	16	16	15	15	17	18	16	14	13	18	18	19	15	18	18	46659
2445	2435	2395	2325	2255	2155	1944	1833	1953	2105	2096	1966	1755	1675	1454	1216	1096	1045	993	935	875	800	761	725	695	718	793	858	932	972	46659
2799	2781	2730	2651	2568	2531	2306	2208	2346	2525	2513	2398	2311	2119	1891	1651	1559	1536	1499	1463	1420	1390	1417	1433	1466	1485	1612	1724	1787	1842	62612
ALLOCATIONS FOR IRRIGATION																														
100	100	102	105	105	106	112	113	114	108	102	110	98	86	84	84	86	82	80	78	68	56	40	28	32	14	4	0	0	0	2313
108	108	103	98	97	95	85	72	81	93	104	89	77	73	78	80	137	115	149	151	173	195	229	251	243	281	301	308	308	307	4915
25	104	106	108	112	118	82	81	80	77	69	63	50	55	70	78	64	53	48	38	11	30	14	0	0	0	0	0	0	0	1749
405	246	243	237	229	218	291	292	294	300	316	328	344	308	298	295	326	348	357	377	372	395	427	467	468	486	518	553	547	563	10579
269	2211	2227	2182	2108	2031	1961	1750	1659	1768	1934	1800	1702	1516	1292	1052	946	910	865	819	766	714	707	700	677	736	853	959	1025	1081	43053
ALLOCATIONS TO EXTENT OF DEMAND																														
127	208	227	243	264	284	290	304	313	320	324	321	325	320	318	323	337	338	309	296	291	290	289	272	296	296	284	277	267	267	6767
127	122	105	98	114	116	162	178	185	194	199	186	195	182	184	184	177	174	161	148	144	141	138	136	133	126	120	114	112	112	4548
324	330	332	341	378	430	452	482	498	514	523	507	510	502	502	507	514	512	497	470	444	431	427	429	429	422	404	391	379	379	13315
60	56	51	48	51	53	53	54	57	56	56	66	67	67	66	63	63	62	60	56	54	52	52	52	52	51	49	47	47	1684	
93	471	475	425	343	429	439	468	470	456	455	468	471	474	462	451	434	425	396	370	355	355	359	376	362	362	369	340	329	329	12660
553	527	526	473	394	482	492	522	527	512	511	534	538	541	528	514	497	498	486	494	481	450	407	411	428	413	418	389	376	376	14344
416	898	825	720	582	459	448	445	427	412	393	412	418	412	412	396	371	350	331	316	286	256	241	205	181	155	128	106	82	82	11743
18	18	17	17	14	19	18	18	18	19	19	20	20	20	20	20	21	20	20	20	21	21	20	20	20	20	20	24	20	20	582
964	916	842	737	596	478	436	433	445	431	412	432	438	432	432	416	392	370	351	336	307	277	261	225	201	175	148	130	102	102	12325
111	1773	1700	1551	1368	1390	1380	1437	1470	1457	1446	1473	1486	1475	1462	1437	1403	1380	1334	1300	1232	1162	1114	1059	1058	1010	970	910	857	857	39984
ALLOCATIONS FOR IRRIGATION																														
100	100	102	105	105	106	112	113	114	108	102	110	98	86	84	84	86	82	80	78	68	56	40	28	32	14	4	0	0	0	2313
108	108	103	98	97	95	85	72	81	93	104	89	77	73	78	80	137	115	149	151	173	195	229	251	243	281	301	308	308	307	4915
25	104	106	108	112	118	82	81	80	77	69	63	50	55	70	78	64	53	48	38	11	30	14	0	0	0	0	0	0	0	1749
405	246	243	237	229	218	291	292	294	300	316	328	344	308	298	295	326	348	357	377	372	395	427	467	468	486	518	553	547	563	10579
269	2211	2227	2182	2108	2031	1961	1750	1659	1768	1934	1800	1702	1516	1292	1052	946	910	865	819	766	714	707	700	677	736	853	959	1025	1081	43053
ALLOCATIONS TO EXTENT OF DEMAND																														
100	100	102	105	105	106	112	113	114	108	102	110	98	86	84	84	86	82	80	78	68	56	40	28	32	14	4	0	0	0	2313
108	108	103	98	97	95	85	72	81	93	104	89	77	73	78	80	137	115	149	151	173	195	229	251	243	281	301	308	308	307	4915
25	104	106	108	112	118	82	81	80	77	69	63	50	55	70	78	64	53	48	38	11	30	14	0	0	0	0	0	0	0	1749
405	246	243	237	229	218	291	292	294	300	316	328	344	308	298	295	326	348	357	377	372	395	427	467	468	486	518	553	547	563	10579
269	2211	2227	2182	2108	2031	1961	1750	1659	1768	1934	1800	1702	1516	1292	1052	946	910	865	819	766	714	707	700	677	736	853	959	1025	1081	43053
ALLOCATIONS TO EXTENT OF DEMAND																														
100	100	102	105	105	106	112	113	114	108	102	110	98	86	84	84	86	82	80	78	68	56	40	28	32	14	4	0	0	0	2313
108	108	103	98	97	95	85	72	81	93	104	89	77	73	78	80	137	115	149	151	173	195	229	251	243	281	301	308	308	307	4915
25	104	106	108	112	118	82	81	80	77	69	63	50	55	70	78	64	53	48	38	11	30	14	0	0	0	0	0	0	0	1749
405	246	243	237	229	218	291	292	294	300	316	328	344	308	298	295	326	348	357	377	372	395	427	467	468	486	518	553	547	563	10579
269	2211	2227	2182	2108	2031	1961	1750	1659	1768	1934	1800	1702	1516	1292	1052	946	910	865	819	766	714	707	700	677	736	853	959	1025	1081	43053
ALLOCATIONS TO EXTENT OF DEMAND																														
100	100	102	105	105	106	112	113	114	108	102	110	98	86	84	84	86	82	80	78	68	56	40	28	32	14	4	0	0	0	2313
108	108	103	98	97	95	85	72	81	93	104	89	77	73	78	80	137	115	149	151	173	195	229	251	243	281	301	308	308	307	4915
25	104	106	108	112	118	82	81	80	77	69	63	50	55	70	78	64	53	48	38	11	30	14	0	0	0	0	0	0	0	1749
405	246	243	237	229	218	291	292	294	300	316	328	344	308	298	295	326	348	357	377	372	395	427	467	468	486	518	553	547	563	10579
269	2211	2227	2182	2108	2031	1961	1750	1659	1768	1934	1800	1702	1516	1292	1052	946	910	865	819	766	714	707	700	677	736	853	959	1025	1081	43053
ALLOCATIONS TO EXTENT OF DEMAND																														
100	100	102	105	105	106	112	113	114	108	102	110	98	86	84	84	86	82	80	78	68	56	40	28	32	14	4	0	0	0	2313
108	108	103	98	97	95	85	72	81	93	104	89	77	73	78	80	137	115	149	151	173	195	229	251	243	281	301	308	308	307	4915
25	104	106	108	112	118	82	81	80	77	69	63	50	55	70	78	64	53	48	38	11	30	14	0	0	0	0	0	0	0	1749
405	246	243	237	229	218	291	292	294	300	316	328	344	308	298	295	326	348	357	377	372	395	427	467	468	486	518	553	547	563	10579
269	2211	2227	2182	2108	2031	1961																								

TOTAL UPPER IDAHO	205	246	243	237	229	218	291	292	294	300	316	323	355	344	308	298	295	326	348	357	377	372	395	427	444	468	
RAINBOW CANAL BEAR RIVER BELOW STEWART	2380 14	2430 15	2420 15	2380 15	2310 15	2240 15	2140 15	1930 14	1820 13	1940 13	2030 15	2080 16	1950 15	1740 15	1660 15	1440 14	1200 16	1030 16	1030 15	978 15	918 17	857 18	794 16	747 14	697 15	677 18	
TOTAL PASSING STEWART	2394	2445	2435	2395	2325	2255	2155	1944	1833	1953	2105	2096	1966	1855	1675	1454	1216	1096	1245	993	935	875	800	761	715	695	
TOTAL MEASURED DIVERTEIBLE	2707	2799	2781	2730	2651	2568	2531	2308	2208	2246	2325	2513	2398	2311	2119	1891	1451	1559	1536	1499	1463	1420	1390	1417	1433	1454	
COMPACT — SECTIONS RECEIVING ALLOCATIONS FOR IRRIGATION																											
DIFFERENCE IN DIVERTE. FLOW	100	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	84	86	82	80	78	66	56	40	28	32	
TOTAL NET DIVERTEIBLE FLOW	2807	2899	2883	2835	2756	2674	2643	2421	2322	2454	2627	2623	2514	2409	2205	1975	1735	1445	1620	1579	1541	1458	1446	1457	1461	1438	
TOTAL IRRIGATION ALLOCATION	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	
LOWER WYOMING	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	
UPPER IDAHO	2045	2137	2121	2073	1994	1912	1881	1659	1560	1692	1865	1861	1752	1647	1443	1213	973	883	858	817	779	726	684	695	699	676	
PASSING STEWART	2169	2241	2227	2182	2108	2031	1961	1750	1639	1768	1534	1923	1800	1702	1516	1292	1052	946	910	865	819	766	714	707	700	677	
COMPACT — SECTIONS RECEIVING ALLOCATIONS TO EXTENT OF DEMAND																											
LOWER WYOMING STORAGE	100	100	102	105	105	106	112	113	114	108	102	110	116	98	86	84	84	86	82	80	78	66	56	40	28	32	
LOWER WYOMING	108	108	103	98	97	95	85	72	81	93	104	89	77	112	136	139	140	137	145	149	151	173	195	229	251	243	
UPPER IDAHO STORAGE	125	104	106	108	112	118	82	81	80	77	69	63	50	55	73	78	80	64	53	48	38	41	30	14	0	0	
UPPER IDAHO	205	246	243	237	2325	237	291	292	294	300	316	328	355	344	308	298	295	326	348	357	377	372	395	427	454	454	
PASSING STEWART	2169	2241	2227	2182	2108	2031	1961	1750	1639	1768	1534	1923	1800	1702	1516	1292	1052	946	910	865	819	766	714	707	700	677	

JUNE 1946

JUNE 1946																											
RECORDED FLOWS																											
DIVERTEED SKINNS FOR DIVERTEED BEAR RIVER	197	208	227	243	264	284	290	304	313	320	324	321	325	320	318	323	337	338	324	309	296	291	290	289	292	296	
	127	122	105	98	114	146	162	178	185	194	199	186	195	182	184	184	177	174	173	161	148	141	141	138	136	133	
TOTAL LOWER WYOMING	324	330	332	341	378	430	452	482	499	514	523	507	510	502	502	507	514	512	497	470	444	435	431	427	425	429	
DIVERTEED BORDER TO HABER DIVERTEED HABER TO STEWART	60	56	51	48	51	53	53	54	57	56	56	66	67	67	66	63	63	62	61	60	56	54	52	52	52	52	
	493	471	475	425	343	429	439	468	470	456	455	468	471	474	462	451	431	436	425	434	425	396	370	355	359	376	
TOTAL UPPER IDAHO	553	527	526	473	394	482	492	522	527	512	511	534	538	541	528	514	497	499	486	494	481	450	422	407	411	428	
RAINBOW CANAL BEAR RIVER BELOW STEWART	946	898	825	720	582	459	448	445	427	412	393	412	418	412	412	396	371	350	331	316	286	256	241	205	190	181	
	18	18	17	17	14	19	18	18	19	19	19	20	20	20	20	20	21	20	20	20	20	21	21	20	20	20	
TOTAL PASSING STEWART	964	916	842	737	596	478	436	433	445	431	412	432	438	432	432	416	392	370	351	336	307	277	261	225	210	201	
TOTAL MEASURED DIVERTEIBLE	1841	1773	1700	1551	1368	1390	1380	1437	1470	1457	1446	1473	1486	1475	1462	1437	1403	1380	1334	1300	1232	1162	1114	1059	1049	1058	
COMPACT — SECTIONS RECEIVING ALLOCATIONS TO EXTENT OF DEMAND																											
DIFFERENCE IN DIVERTE. FLOW																											
TOTAL NET DIVERTEIBLE FLOW	1833	1762	1688	1535	1333	1329	1308	1350	1375	1354	1338	1373	1385	1378	1365	1337	1300	1278	1240	1219	1164	1098	1052	999	989	998	
TOTAL IRRIGATION ALLOCATION																											
LOWER WYOMING	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	
UPPER IDAHO	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	
PASSING STEWART	1071	1000	926	773	571	567	546	588	613	592	576	611	623	616	603	575	538	516	478	457	402	336	290	237	227	235	
COMPACT — SECTION RECEIVING ALLOCATIONS TO EXTENT OF DEMAND																											
LOWER WYOMING																											
UPPER IDAHO STORAGE	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	
UPPER IDAHO	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	450	422	407	411	428	
PASSING STEWART	1071	1000	926	773	571	567	546	588	613	592	576	611	623	616	603	575	538	516	478	457	402	341	323	285	270	261	

LOWER WYOMING AND UPPER IDAHO SECTIONS DAILY DIVERSIONS IN SECTIONS, TOTAL DAILY DIVERTIBLE AND COMPACT ALLOCATIONS 24-HOUR SECOND- FEET

JULY 1946		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
RECORDED FLOWS DIVERGED SUTTS FORD DIVERGED BEAR RIVER TOTAL LOWER WYOMING DIVERGED BORDER TO HARBOR DIVERGED HARBOR TO STEWART TOTAL UPPER IDAHO RAINIER CANAL BEAR RIVER BELOW STEWART TOTAL PASSING STEWART TOTAL MEASURED DIVERTEBLE	265	267	255	250	253	252	238	230	217	206	208	208	208	201	195	196	199	206	218	221	214	210	212	214	212	248
	112	109	108	98	103	115	122	120	116	112	110	111	111	116	113	111	105	98	93	92	88	76	78	83	78	99
	380	376	364	348	356	367	360	350	333	320	318	322	322	317	308	305	304	304	311	313	302	286	290	297	290	347
	38	38	38	38	38	38	39	39	38	38	29	29	29	29	28	28	28	28	27	27	26	26	25	27	27	26
	337	340	331	369	336	292	274	232	217	195	193	196	201	201	193	189	177	171	169	163	163	160	154	157	174	172
COMPACT - SECTIONS RECEIVING DIFFERENCE IN DIVERTE FLOW TOTAL NET DIVERTEBLE FLOW TOTAL IRRIGATION ALLOCATION LOWER WYOMING UPPER IDAHO PASSING STEWART	831	813	800	852	832	837	827	821	776	753	731	711	707	707	720	696	680	677	673	661	636	607	594	604	633	697
	308	308	288	308	308	308	308	308	271	238	196	218	229	229	186	184	184	184	184	184	184	184	184	184	184	184
	315	315	315	315	315	315	315	315	315	315	315	315	315	315	315	315	315	315	315	315	315	315	315	315	315	315
	112	93	105	117	126	159	220	221	219	241	252	249	244	244	232	236	231	231	230	222	204	184	178	179	195	234
	308	308	288	308	308	308	308	308	271	238	196	218	229	229	186	184	184	184	184	184	184	184	184	184	184	184
RECORDED FLOWS DIVERGED SUTTS FORD DIVERGED BEAR RIVER TOTAL LOWER WYOMING DIVERGED BORDER TO HARBOR DIVERGED HARBOR TO STEWART TOTAL UPPER IDAHO RAINIER CANAL BEAR RIVER BELOW STEWART TOTAL PASSING STEWART TOTAL MEASURED DIVERTEBLE	167	162	155	151	151	151	151	151	149	143	143	152	152	152	146	140	134	134	131	128	127	128	128	128	128	128
	31	31	31	30	30	30	30	30	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
	198	193	186	181	172	163	160	156	150	145	150	154	154	153	153	146	140	134	137	131	128	127	128	128	128	128
	22	22	21	20	18	18	17	17	16	15	15	16	16	15	14	12	10	9	9	9	9	9	9	9	9	9
	142	133	131	128	139	145	144	142	146	143	136	132	132	133	138	137	128	121	116	116	117	117	119	133	126	120
COMPACT - SECTIONS RECEIVING DIFFERENCE IN DIVERTE FLOW TOTAL NET DIVERTEBLE FLOW TOTAL IRRIGATION ALLOCATION LOWER WYOMING UPPER IDAHO PASSING STEWART	172	172	166	155	147	133	130	118	120	113	108	108	111	103	101	101	97	97	95	88	84	77	75	72	84	88
	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	21	21	20
	194	194	189	177	169	155	152	140	142	145	135	130	133	125	123	123	119	119	117	110	106	99	97	93	105	108
	556	542	526	506	498	481	473	455	467	445	436	432	434	430	418	401	393	393	379	376	371	367	380	395	421	447
	194	194	189	177	169	155	152	140	142	145	135	130	133	125	123	123	119	119	117	110	106	99	97	93	105	108
COMPACT - SECTIONS RECEIVING DIFFERENCE IN DIVERTE FLOW TOTAL NET DIVERTEBLE FLOW TOTAL IRRIGATION ALLOCATION LOWER WYOMING UPPER IDAHO PASSING STEWART	78	76	75	75	75	75	74	74	74	74	73	73	73	73	73	72	69	65	64	63	62	61	63	65	69	68
	398	388	375	358	354	342	336	320	320	315	305	299	299	301	297	289	277	268	259	254	251	246	255	262	278	273
	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	78	76	75	75	75	74	74	74	74	74	73	73	73	73	73	72	69	65	64	63	62	61	63	65	69	68
	398	388	375	358	354	342	336	320	320	315	305	299	299	301	297	289	277	268	259	254	251	246	255	262	278	273

24-HOUR SECOND- FEET																															
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
38	267	256	250	253	252	238	230	217	206	208	208	201	195	194	199	206	218	221	214	210	212	214	212	248	287	225	198	175	180	178	6812
12	109	108	98	103	115	122	120	116	112	110	111	116	113	111	105	98	93	92	88	76	78	83	78	99	129	118	12	38	35	32	2964
20	376	364	348	356	367	360	350	333	320	318	322	317	308	304	304	304	311	313	302	286	290	297	290	347	415	343	240	213	216	210	9806
38	38	36	38	36	39	39	39	38	38	29	29	29	28	28	28	28	27	27	26	26	25	27	26	26	27	29	28	28	28	28	962
27	380	331	369	336	292	234	232	217	195	193	196	201	193	189	177	171	169	163	163	160	154	157	174	172	172	175	171	160	152	135	6590
75	378	369	407	374	331	273	271	255	233	222	225	230	221	217	205	199	196	190	189	186	179	184	198	199	204	200	188	180	180	183	7462
35	328	43	13	78	115	172	178	166	178	169	175	178	169	152	149	152	144	136	123	113	103	101	120	130	130	136	166	175	175	169	4161
21	21	21	21	21	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	688
76	59	67	97	102	139	194	200	188	200	191	197	200	191	174	171	174	166	158	145	135	125	123	142	152	152	158	188	197	197	191	4849
31	813	800	852	832	837	827	821	776	753	731	744	747	720	696	680	677	673	661	636	607	594	604	633	697	767	705	628	598	593	584	22117
11	ALLOCATIONS FOR IRRIGATION																														
35	-34	-38	-20	-20	-29	-25	-21	-31	-41	-61	-52	-44	-60	-83	-98	-98	-102	-106	-105	-102	-107	-110	-99	-120	-123	-112	-70	-60	-62	-61	-2136
95	779	762	832	806	807	801	800	745	712	670	692	703	660	633	582	579	571	555	531	505	487	494	534	577	644	593	558	538	531	523	19981
33	308	289	308	308	308	308	308	271	238	196	218	229	186	139	110	109	106	100	91	81	76	76	82	108	170	119	101	94	91	88	5531
74	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	454	5531
33	17	20	70	46	45	39	38	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	768
38	308	288	308	308	308	308	308	27																							

[illegible]

UNIT 1 DIVERTING

COMPACT -- SECTIONS RECEIVED
LOWER WYOMING STORAGE
LOWER WYOMING
UPPER IDAHO STORAGE
UPPER IDAHO
PASSING STEWART

[illegible]

NORMAL FLOW AND INFLOW STEWART DAM TO GRACE D.

24-HOUR SECOND-FEET

DATE	BEAR RIVER AT STEWART DAM	RAINBOW CANAL AT HEAD	DINGLE INLET	TOTAL FLOW AT STEWART	TOTAL RAINBOW + DINGLE INLET	OUTLET CANAL AT DIKE	BEAR LAKE STORAGE - RELEASE +	BEAR RIVER AT PESCADERO	INFLOW STEWART TO PESCADERO	DATE	SODA RESERVOIR STORAGE - RELEASE +	1% LOSS STORAGE	BEAR RIVER AT ALEXANDER				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)		
	NORM	NORM	NORM	NORM	NORM	STOR NORM	STOR	NORM	TOTAL	NORM	STOR	STOR	STOR	NORM	TOTAL		
MAY 1	14	2380	21	2415	2401	6	-2395	-2395	2920	525	505	MAY 2	+71	0	-2324	2812	48
2	15	2430	23	2468	2453	6	-2447	-2447	2977	530	509	3	-771	0	-3218	3856	63
3	15	2420	24	2459	2444	6	-2438	-2438	2948	510	504	4	+136	0	-2302	3342	104
4	15	2380	24	2419	2404	6	-2398	-2398	2883	485	479	5	+35	0	-2363	3231	86
5	15	2310	24	2349	2334	6	-2328	-2328	2793	465	459	6	-20	0	-2348	3110	76
6	15	2240	24	2279	2264	6	-2258	-2258	2703	445	424	7	-71	0	-2329	3028	69
7	15	2140	8	2163	2148	6	-2142	-2142	2572	430	409	8	-50	0	-2192	2962	77
8	14	1930	8	1952	1938	5	-1933	-1933	2373	440	421	9	+91	0	-1842	2821	97
9	13	1820	8	1841	1828	5	-1823	-1823	2260	437	419	10	-25	0	-1848	2723	87
10	13	1940	8	1961	1948	5	-1943	-1943	2425	442	464	11	-81	0	-2024	2821	75
11	15	2090	8	2113	2098	5	-2093	-2093	2587	494	474	12	-5	0	-2098	2960	86
12	16	2080	7	2103	2087	5	-2082	-2082	2585	503	482	13	+186	0	-1896	2926	103
13	16	1950	7	1973	1957	5	-1952	-1952	2425	473	452	14	+217	0	-1735	2755	102
14	15	1840	6	1861	1846	5	-1841	-1841	2286	445	425	15	+126	0	-1715	2602	88
15	15	1660	6	1681	1666	5	-1661	-1661	2086	425	405	16	+91	0	-1580	2437	85
16	14	1440	5	1459	1445	5	-1440	-1440	1842	402	383	17	+222	0	-1218	2177	95
17	16	1200	5	1221	1205	5	-1200	-1200	1580	380	359	18	+156	0	-1044	1907	86
18	16	1080	4	1100	1084	5	-1079	-1079	1447	368	347	19	-146	0	-913	1646	73
19	15	1030	4	1049	1034	5	-1029	-1029	1369	340	320	20	+116	0	-923	1571	71
20	15	978	4	997	982	4	-938	-938	1256	318	299	21	+15	0	-687	1485	65
21	17	918	4	939	922	215	-707	-707	1152	1152	293	23	-30	0	-581	1512	92
22	18	857	4	879	861	310	-551	-551	1172	621	293	24	-272	0	-750	1434	66
23	16	784	4	804	788	310	-478	-478	1153	675	349	25	-343	0	-824	1416	55
24	14	747	4	765	751	270	-481	-481	1181	700	416	26	-282	0	-811	1346	52
25	18	697	4	719	701	172	-529	-529	1139	610	420	27	+5	0	-532	1327	75
26	18	677	4	699	681	164	-537	-537	1077	540	378	28	+71	0	-533	1427	85
27	18	700	4	722	704	100	-604	-604	1109	505	387	29	+5	0	-763	1598	81
28	19	774	4	797	778	10	-768	-768	1208	440	411	30	-161	0	-994	1636	61
29	19	839	4	862	843	10	-833	-833	1273	440	411	31	+86	0	-823	1670	81
30	18	914	5	937	919	10	-909	-909	1354	445	517	JUNE 1	-35	0	-984	1662	6
31	18	954	5	977	959	10	-949	-949	1389	440	412	2	-66	0	-1008	1639	6
JUNE 1	18	946	6	970	952	10	-942	-942	1367	425	397	3	+207	0	-687	1583	8
2	18	898	6	922	904	10	-894	-894	1309	415	387	4	-35	0	-857	1462	64
3	17	825	7	849	832	10	-822	-822	1232	410	383	5	+121	0	-596	1293	6
4	17	720	7	744	727	10	-717	-717	1092	375	348	6	+151	0	-408	1111	7
5	14	582	7	603	589	10	-589	-589	919	330	319	7	+91	0	-365	938	5
6	19	459	7	485	466	10	-456	-456	741	285	256	8	+35	0	-379	865	4
7	18	418	6	442	424	10	-414	-414	669	255	227	9	+35	0	-356	826	4
8	18	415	6	439	421	10	-411	-411	651	240	212	10	+408	0	-15	854	8
9	18	427	6	451	433	10	-423	-423	648	225	197	11	+418	0	-19	854	8
10	19	412	5	436	417	80	-437	-437	652	215	216	12	+237	0	211	681	8
11	19	393	5	417	398	379	-19	-19	399	380	-18	13	-186	3	-18	724	7
12	20	412	5	437	417	588	+171	171	494	655	47	14	-207	4	57	717	7
13	20	418	5	443	423	691	+268	268	567	835	124	15	-302	4	-22	672	6
14	20	412	4	436	416	700	+284	284	601	885	165	16	-138	4	-161	649	4
15	20	412	4	436	416	697	+281	281	609	890	173	17	+161	4	443	627	10
16	20	396	3	419	399	685	+286	286	594	880	175	18	+20	5	371	649	10
17	21	371	3	495	374	730	+356	356	514	870	19	19	-20	6	389	621	10
18	20	350	2	372	352	767	+415	415	505	920	133	20	-60	7	402	608	10
19	20	331	2	353	333	802	+469	469	519	988	166	21	-141	7	316	580	8
20	20	316	2	338	318	782	+464	464	522	986	184	22	-106	5	232	593	8
21	21	286	1	308	287	630	+343	343	557	900	249	23	-328	5	-31	530	4
22	21	256	1	278	257	559	+302	302	495	797	217	24	+55	5	362	550	9
23	20	241	1	262	242	554	+312	312	457	769	195	25	+66	5	365	507	8
24	20	205	1	226	206	510	+304	304	437	741	211	26	+156	5	464	478	9
25	20	190	1	211	191	504	+313	313	395	708	194	27	+176	5	476	511	9
26	20	181	1	201	182	497	+305	305	403	708	202	28	+192	5	515	458	9
27	20	155	1	176	156	484	+328	328	380	708	204	29	+106	5	444	406	8
28	20	128	1	149	129	472	+343	343	346	689	197	30	-197	5	158	374	5
29	24	106	1	131	107	467	+360	360	306	666	175	JULY 1	+202	6	575	350	9
30	20	82	1	103	83	462	+379	379	278	657	175	2	+292	6	645	345	10
JULY 1	21	55	1	77	56	455	+399	399	253	652	176	3	+242	6	635	359	5
2	21	38	1	60	39	438	+399	399	267	666	207	4	-297	6	130	339	4
3	24	43	1	68	44	477	+433	433	247	680	179	5	-207	6	217	377	5
4	24	73	1	98	74	504	+430	430	301	731	203	6	-237	7	225	395	5
5	24	78	1	103	79	528	+449	449	311	760	208	7	-328	6	96	460	5
6	24	115	1	140	116	546	+430	430	372	802	232	8	+40	6	412	532	5
7	22	172	1	195	173	551	+378	378	429	807	234	9	+146	6	525	448	5
8	22	178	1	201	179	564	+385	385	417	802	216						

NORMAL FLOW AND INFLOW 1946 STEWART DAM TO GRACE DAM

24-HOUR SECOND-FOOT

PLATE 44

BEAR RIVER AT STEWART DAM	RAINBOW CANAL AT HEAD	DINGLE INLET	TOTAL FLOW AT STEWART	TOTAL RAINBOW + DINGLE INLET	OUTLET CANAL AT DIKE	BEAR LAKE STORAGE STORAGE - RELEASE +	BEAR RIVER AT PESCADERO			INFLOW STEWART TO PESCADERO	DATE	SODA RESERVOIR STORAGE - RELEASE +	1% LOSS STORAGE	BEAR RIVER AT ALEXANDER		DIVERTED PESCADERO TO ALEXANDER	TOTAL NORMAL AT ALEXANDER	INFLOW PESCADERO TO ALEXANDER	TOTAL INFLOW STEWART TO ALEXANDER	5 DAY AVERAGE INFLOW STEWART TO ALEXANDER	5 DAY AVERAGE TOTAL NORMAL ALEXANDER	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)		
NORM	NORM	NORM	NORM	NORM	STOR NORM	STOR	STOR	NORM	TOTAL	NORM		STOR	STOR	STOR	NORM	TOTAL	NORM	NORM	NORM	NORM	NORM	NORM
14	2380	21	2415	2401	6	-2395	-2395	2920	525	505	MAY 2	+ 71	0	-2324	2812	488	0	2812	-108	397		
15	2430	23	2468	2453	6	-2447	-2447	2977	530	509	3	-771	0	-3218	3856	638	0	3856	879	1388		
15	2420	24	2459	2444	6	-2438	-2438	2948	510	504	4	+136	0	-2302	3342	1040	0	3342	394	898		
15	2380	24	2419	2404	6	-2398	-2398	2883	485	479	5	+ 35	0	-2363	3231	868	0	3231	349	827		
15	2310	24	2349	2334	6	-2328	-2328	2793	465	459	6	-20	0	-2348	3110	762	0	3110	317	776	857	3270
15	2240	24	2279	2264	6	-2258	-2258	2703	445	424	7	-71	0	-2329	3028	699	0	3028	325	749		
15	2140	8	2163	2148	6	-2142	-2142	2572	430	409	8	-50	0	-2192	2962	770	0	2962	390	799		
14	1930	8	1952	1938	5	-1933	-1933	2373	440	421	9	+91	0	-1842	2821	979	0	2821	448	869		
13	1820	8	1841	1828	5	-1823	-1823	2260	437	419	10	-25	0	-1848	2723	875	0	2723	463	882		
13	1940	8	1961	1948	5	-1943	-1943	2425	442	464	11	-81	0	-2024	2821	797	0	2821	396	860	832	2871
15	2090	8	2113	2098	5	-2093	-2093	2587	494	474	12	-5	0	-2098	2960	862	0	2960	373	847		
16	2080	7	2103	2087	5	-2082	-2082	2585	503	482	13	+186	0	-1896	2926	1030	0	2926	341	823		
16	1950	7	1973	1957	5	-1952	-1952	2425	473	452	14	+217	0	-1735	2755	1020	0	2755	330	782		
15	1840	6	1861	1846	5	-1841	-1841	2286	445	425	15	+126	0	-1715	2602	887	0	2602	315	741		
15	1660	6	1681	1666	5	-1661	-1661	2086	425	405	16	+ 81	0	-1580	2437	857	0	2437	351	756	790	2736
14	1440	5	1459	1445	5	-1440	-1440	1842	402	383	17	+222	0	-1218	2177	959	0	2177	335	718		
16	1200	5	1221	1205	5	-1200	-1200	1580	380	359	18	+156	0	-1044	1907	863	0	1907	327	686		
16	1080	4	1100	1084	5	-1079	-1079	1447	368	347	19	-146	0	-1225	1727	502	0	1727	280	627		
15	1030	4	1049	1034	5	-1029	-1029	1369	340	320	20	+116	0	-913	1646	733	14	1660	291	611		
15	978	4	997	982	44	-938	-938	1256	318	255	21	+ 15	0	-923	1571	648	14	1585	329	588	646	1811
17	918	4	939	922	215	-707	-707	1152	445	213	22	+ 20	0	-687	1485	798	14	1499	347	560		
18	857	4	879	861	310	-551	-551	1172	621	293	23	-30	0	-581	1512	931	17	1529	357	650		
16	784	4	804	788	310	-478	-478	1153	675	349	24	-272	0	-750	1434	684	17	1451	298	647		
14	747	4	765	751	270	-481	-481	1181	700	416	25	-343	0	-824	1416	592	17	1433	252	668		
18	697	4	719	701	172	-529	-529	1139	610	420	26	-282	0	-811	1346	535	17	1463	324	744	654	1475
18	677	4	699	681	164	-537	-537	1077	540	378	27	+ 5	0	-532	1327	795	21	1348	271	649		
18	700	4	722	704	100	-604	-604	1109	505	387	28	+71	0	-533	1427	894	21	1448	339	726		
19	774	4	797	778	10	-768	-768	1208	440	411	29	+ 5	0	-763	1598	835	0	1598	390	801		
19	839	4	862	843	10	-833	-833	1273	440	411	30	-161	0	-994	1636	642	0	1638	365	776		
18	914	5	937	919	10	-909	-909	1354	445	517	31	+ 86	0	-823	1670	847	0	1670	316	833		
18	954	5	977	959	10	-949	-949	1389	440	412	JUNE 1	-35	0	-984	1662	678	0	1662	273	685	745	1561
18	946	6	970	952	10	-942	-942	1367	425	397	2	-66	0	-1008	1639	631	0	1639	272	669		
13	898	6	922	904	10	-894	-894	1309	415	387	3	+207	0	-687	1583	896	0	1583	274	661		
17	825	7	849	832	10	-822	-822	1232	410	383	4	-35	0	-857	1462	605	14	1476	244	627		
17	720	7	744	727	10	-717	-717	1092	375	348	5	+121	0	-596	1293	697	14	1307	215	563		
14	582	7	603	589	10	-589	-589	919	330	319	6	+181	0	-408	1111	703	14	1125	206	525	609	1426
19	459	7	485	466	10	-456	-456	741	285	256	7	+ 91	0	-365	938	573	14	952	211	467		
18	418	6	442	424	10	-414	-414	669	255	227	8	+ 35	0	-379	865	486	14	879	210	437		
18	415	6	439	421	10	-411	-411	651	240	212	9	+ 35	0	-356	826	470	7	833	182	394		
13	427	6	451	433	10	-423	-423	648	225	197	10	+408	0	-15	854	839	7	861	213	410		
19	412	5	436	417	80	-437	-437	652	215	216	11	+418	0	-19	854	835	7	861	209	425	426	877
19	393	5	417	398	379	-19	-19	399	380	-18	12	+237	0	211	681	892	22	701	302	284		
20	412	5	437	417	588	+171	171	484	655	47	13	-186	3	-18	724	706	22	746	262	309		
20	418	5	443	423	691	+268	268	567	835	124	14	-207	4	57	717	774	22	739	172	296		
20	412	4	436	416	700	+284	284	601	885	165	15	-302	4	-22	672	650	22	694	93	258		
20	412	4	436	416	697	+281	281	609	890	173	16	-438	4	-161	649	488	22	671	62	235	275	710
20	396	3	419	399	685	+286	286	594	880	175	17	+161	4	443	627	1070	22	649	55	230		
21	371	3	495	374	730	+356	356	514	870	19	18	+ 20	5	371	649	1020	22	671	157	176		
20	350	2	372	352	767	+415	415	505	920	133	19	-20	6	389	621	1010	22	643	138	271		
20	331	2	353	333	802	+469	469	519	988	166	20	-60	7	402	608	1010	22	630	111	277		
20	316	2	338	318	782	+464	464	522	986	184	21	-141	7	316	580	896	22	602	80	264	244	639
21	286	1	308	287	630	+343	343	557	900	249	22	-106	5	232	593	825	5	598	41	290		
21	256	1	278	257	559	+302	302	495	797	217	23	-328	5	-31	530	499	5	535	40	257		
20	241	1	262	242	554	+312	312	457	769	195	24	+ 55	5	362	550	912	5	555	98	293		
20	205	1	226	206	510	+304	304	437	741	211	25											

NORMAL FLOW AND INFLOW STEWART DAM TO GRACE

24-HOUR SECOND-FOOT

DATE	BEAR RIVER AT STEWART DAM	RAINBOW CANAL AT HEAD	DINGLE INLET	TOTAL FLOW AT STEWART	TOTAL RAINBOW + DINGLE INLET	CUTLET CANAL AT DIKE	BEAR LAKE STORAGE - RELEASE +	BEAR RIVER AT PESCADERO	INFLOW STEWART TO PESCADERO	DATE	SODA RESERVOIR STORAGE - RELEASE +	1 1/2% LOSS STORAGE	BEAR RIVER AT	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	NORM	NORM	NORM	NORM	NORM		STOR	STOR	NORM	TOTAL	NORM		STOR	STOR
JULY 9	22	166	1	189	167	546	+379	379	438	817	249	+197	6	570
10	22	178	1	201	179	525	+346	346	432	778	231	+378	5	719
11	22	169	1	192	170	517	+347	347	427	774	235	+333	5	675
12	22	175	1	198	176	524	+418	418	356	774	158	+146	6	558
13	22	178	1	201	179	700	+521	521	369	890	168	-227	8	286
14	22	169	1	192	170	676	+506	506	394	900	202	+302	8	800
15	22	152	1	175	153	773	+620	620	275	895	100	+197	9	808
16	22	149	1	172	150	875	+725	725	295	1020	123	+192	11	906
17	22	152	1	175	153	869	+716	716	324	1040	149	+197	11	902
18	22	144	1	167	145	905	+760	760	280	1040	113	+136	11	885
19	22	136	8	166	144	993	+849	849	211	1060	45	-242	13	594
20	22	123	13	158	136	1030	+894	894	206	1100	48	-449	13	432
21	22	113	13	146	126	1060	+934	934	196	1130	48	-45	14	875
22	22	103	13	138	116	1080	+964	964	186	1150	48	-20	14	930
23	22	101	13	136	114	1080	+966	966	194	1160	56	-338	14	614
24	22	120	16	158	136	1110	+974	974	186	1160	28	-71	15	888
25	22	130	20	172	150	1140	+990	990	200	1190	28	-222	15	753
26	22	130	20	172	150	1130	+980	980	230	1210	58	-670	15	295
27	22	136	20	178	156	1080	+924	924	256	1180	78	-307	14	603
28	22	166	20	208	186	1040	+854	854	296	1150	88	+40	13	881
29	22	175	20	217	195	798	+603	603	437	1040	220	+186	9	750
30	22	175	20	217	195	633	+438	438	392	830	175	+207	7	638
31	22	169	19	210	188	659	+471	471	274	745	64	+393	7	857
AUG. 1	22	172	18	212	190	752	+562	562	238	800	26	+272	8	826
2	22	172	17	211	189	830	+641	641	229	870	18	+126	10	757
3	22	166	17	204	182	842	+699	699	231	930	26	-539	10	150
4	22	155	16	193	171	875	+704	704	246	950	53	+56	11	759
5	22	147	15	184	162	869	+707	707	249	956	65	+186	11	852
6	22	133	14	169	147	865	+718	718	232	950	63	+257	11	964
7	22	130	14	166	144	865	+721	721	224	945	58	+116	11	826
8	22	118	13	153	131	912	+781	781	169	950	16	+131	12	900
9	22	120	13	155	133	945	+812	812	208	1020	53	-237	12	563
10	22	120	12	154	132	892	+760	760	240	1000	86	-454	11	295
11	22	113	12	147	125	875	+750	750	221	971	74	+141	11	860
12	22	108	11	141	119	878	+759	759	202	961	61	+146	11	894
13	22	111	10	143	121	878	+757	757	214	971	71	+131	11	877
14	22	103	7	132	110	915	+805	805	161	966	29	+197	12	990
15	22	101	7	130	108	976	+868	868	162	1030	49	+96	13	951
16	22	101	6	129	107	979	+872	872	178	1050	42	+25	13	884
17	22	97	6	125	103	982	+879	879	171	1050	46	-212	13	654
18	22	95	6	123	101	966	+885	885	165	1050	42	+66	13	958
19	22	88	5	115	93	982	+889	889	161	1050	46	+166	13	1042
20	22	84	5	111	89	952	+893	893	147	1040	36	+111	13	991
21	22	77	5	104	82	986	+904	904	146	1050	42	+41	14	981
22	22	75	5	102	80	993	+913	913	137	1050	35	-91	14	808
23	21	72	5	98	77	1020	+943	943	127	1070	29	-348	14	581
24	21	84	13	118	97	1080	+983	983	117	1100	-1	-494	14	474
25	20	88	21	129	109	782	+673	673	447	1120	318	-10	10	653
26	20	97	21	138	118	467	+349	349	294	643	156	+318	5	662
27	21	138	21	180	159	640	+681	681	97	778	-83	+20	10	691
28	21	123	20	164	143	817	+674	674	251	925	87	-71	10	593
29	22	113	19	154	132	650	+518	518	347	865	193	-66	8	444
30	22	108	18	148	126	415	+289	289	386	675	236	-55	4	230
31	22	106	18	146	124	341	+217	217	281	498	135	-36	3	128
SEP. 1	22	103	17	142	120	330	+210	210	231	441	89	+60	3	267
2	22	106	16	144	122	322	+200	200	225	425	21	-30	3	167
3	22	106	15	143	121	401	+280	280	138	418	-5	+902	4	1176
4	22	106	16	144	122	622	+500	500	80	580	-64	+131	5	623
5	22	111	16	149	127	739	+612	612	119	731	-30	-10	9	593
6	22	113	17	152	130	715	+585	585	246	831	94	-247	9	329
7	22	118	18	158	136	599	+463	463	282	745	124	-444	7	12
8	22	118	19	159	137	591	+454	454	240	694	81	+40	7	487
9	22	128	19	169	147	619	+472	472	217	689	48	-81	7	384
10	22	136	20	178	156	691	+535	535	234	769	56	-156	8	371
11	22	138	21	181	159	685	+526	526	271	797	90	-50	8	468
12	22	136	22	180	158	538	+380	380	413	793	233	-66	6	308
13	22	125	23	170	148	308	+160	160	398	558	228	+25	2	183
14	22	119	24	195	173	306	+133	133	296	429	101	-156	2	-25
15	22	158	25	205	183	312	+129	129	293	422	98	+307	2	434

NORMAL FLOW AND INFLOW 1946 STEWART DAM TO GRACE DAM

PLATE 45

24-HOUR SECOND-FOOT

24 HOUR SECOND FERT																				
RAINBOW CANAL AT HEAD	DINGLE INLET	TOTAL FLOW AT STEWART	TOTAL RAINBOW + DINGLE INLET	CUTLET CANAL AT DINGLE	BEAR LAKE STORAGE STORAGE - RELEASE +		BEAR RIVER AT PESCADERO	INFLOW STEWART TO PESCADERO	DATE	SODA RESERVOIR STORAGE - RELEASE +	1 1/2% LOSS STORAGE	BEAR RIVER AT ALEXANDER	DIVERGED PESCADERO TO ALEXANDER	TOTAL NORMAL AT ALEXANDER	INFLOW PESCADERO TO ALEXANDER	TOTAL INFLOW STEWART TO ALEXANDER	5 DAY AVERAGE INFLOW STEWART TO ALEXANDER	5 DAY AVERAGE TOTAL NORMAL ALEXANDER		
(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	
NORM	NORM	NORM	NORM		STOR	STOR	NORM	TOTAL	NORM	STOR	STOR	STOR	NORM	TOTAL	NORM	NORM	NORM	NORM	NORM	
166	1	189	167	546	+379	379	438	817	JULY 10	+197	6	570	450	1020	7	457	19	268		
178	1	201	179	525	+346	346	432	778	11	+378	5	719	471	1150	7	478	46	277	294	
169	1	192	170	517	+347	347	427	774	12	+333	5	675	495	1170	7	502	75	310	479	
175	1	198	176	524	+418	418	356	774	13	+146	6	558	452	1010	7	459	103	261		
173	1	201	177	700	+521	521	369	890	14	-227	8	286	456	742	7	463	94	262		
163	1	192	170	676	+506	506	394	900	15	+302	8	800	420	1220	7	427	33	235		
152	1	175	153	773	+620	620	275	895	16	+197	9	808	322	1130	7	329	54	154	244	
149	1	172	150	875	+725	725	295	1020	17	+192	11	906	314	1220	7	321	26	149	436	
152	1	175	153	869	+716	716	324	1040	18	+197	11	902	338	1240	7	345	21	170		
144	1	167	145	905	+760	760	280	1040	19	+136	11	885	275	1160	7	282	2	115		
136	8	164	144	993	+849	849	211	1060	20	-242	13	594	317	911	7	324	113	158		
123	13	156	136	1030	+894	894	206	1100	21	-449	13	432	234	666	7	241	35	83	135	
113	13	146	126	1060	+934	934	196	1130	22	-45	14	875	235	1110	7	242	46	94	303	
103	13	138	116	1080	+964	964	186	1150	23	-20	14	930	240	1170	7	247	61	109		
101	13	136	114	1080	+966	966	194	1160	24	-338	14	614	201	815	7	208	14	72		
120	14	158	136	1110	+974	974	186	1160	25	-71	15	888	212	1100	7	219	33	61		
130	20	172	150	1110	+990	990	200	1190	26	-222	15	753	241	994	15	256	56	94	84	
130	20	172	150	1130	+980	980	230	1210	27	-670	15	295	235	530	15	250	20	78	234	
136	20	178	156	1080	+924	924	256	1180	28	-307	14	603	220	823	15	235	-21	57		
166	20	208	186	1040	+854	854	296	1150	29	+40	13	881	269	1150	15	284	-12	76		
175	20	217	195	798	+603	603	437	1040	30	+186	9	750	390	1170	15	405	-32	188		
175	20	217	195	633	+438	438	392	830	31	+207	7	638	372	1010	15	387	-5	170		
169	19	210	188	659	+471	471	274	745	AUG. 1	+393	7	857	343	1200	15	358	84	148	120	
172	19	212	190	752	+562	562	238	900	2	+272	8	826	314	1140	15	329	91	117	320	
172	17	211	189	830	+641	641	229	870	3	+126	10	757	13	770	15	28	-201	-153		
166	17	205	183	882	+699	699	231	930	4	-539	10	150	250	400	15	265	34	60		
155	16	193	171	875	+704	704	246	950	5	+66	11	759	231	990	15	246	0	53		
147	15	184	162	869	+707	707	249	956	6	+186	11	882	288	1170	15	303	54	129	35	
133	14	169	147	865	+718	718	232	950	7	+257	11	964	146	1110	15	161	-71	-8	234	
130	14	166	144	865	+721	721	224	945	8	+116	11	826	264	1090	15	279	55	113		
118	13	153	131	912	+781	781	169	950	9	+131	12	900	240	1140	15	255	86	102		
120	13	155	133	915	+812	812	208	1020	10	-237	12	563	202	765	15	217	9	62		
120	12	154	132	892	+760	760	240	1000	11	-454	11	295	245	540	15	260	20	106	75	
113	12	147	125	875	+750	750	221	971	12	+141	11	880	240	1120	15	255	34	108	234	
108	11	141	119	878	+759	759	202	961	13	+146	11	894	236	1130	15	251	49	110		
111	10	143	121	878	+757	757	214	971	14	+131	11	877	233	1110	15	245	34	115		
103	7	132	110	915	+805	805	161	966	15	+197	12	990	230	1220	15	245	84	113		
101	7	130	108	976	+868	868	162	1030	16	+96	13	951	189	1140	15	204	42	74	104	
101	6	129	107	979	+872	872	178	1050	17	+25	13	884	216	1100	15	231	53	102	241	
97	6	125	103	982	+879	879	171	1050	18	-212	13	654	201	855	15	216	45	91		
95	6	123	101	956	+885	885	165	1050	19	+86	13	958	202	1160	15	217	52	94		
88	5	115	93	982	+889	889	161	1050	20	+166	13	1042	198	1240	15	213	52	98		
84	5	111	89	952	+893	893	147	1040	21	+111	13	991	199	1190	15	214	67	103	96	
77	5	104	82	966	+904	904	146	1050	22	+91	14	981	199	1180	15	214	68	110	214	
75	5	102	80	993	+913	913	137	1050	23	-91	14	808	272	1080	15	287	150	185		
72	5	98	77	1020	+943	943	127	1070	24	-344	14	581	197	778	15	212	85	114		
84	13	118	97	1080	+983	983	117	1100	25	-494	15	474	202	676	15	217	100	99		
86	21	129	109	782	+673	673	447	1120	26	-10	10	653	347	1000	15	362	-85	223	446	
97	21	138	118	467	+349	349	294	643	27	+318	5	662	378	1040	15	393	99	255	258	
138	21	180	159	840	+681	681	97	778	28	+20	10	691	319	1010	15	334	237	144		
123	20	164	143	817	+674	674	251	925	29	-71	10	593	341	934	15	356	105	192		
113	19	154	132	650	+518	518	347	865	30	-66	8	444	374	818	15	389	42	235		
108	18	148	126	445	+289	289	386	675	31	-55	4	230	415	645	15	430	44	282		
106	18	146	124	341	+217	217	281	496	SEF. 1	-86	3	128	376	504	13	389	108	243	225	
103	17	142	120	330	+210	210	231	441	2	+60	3	267	365	632	13	378	147	236	382	
106	16	144	122	322	+200	200	225	425	3	-30	3	167	903	1070	13	916	691	772		
106	15	143	121	401	+280	280	138	418	4	+902	4	1178	-128	1050	13	-115	-253	-258		
106	16	144	122	622	+500	500	80	580	5	+131	8	623	314	937	13	327	247	183		
111	16	149	127	739	+612	612	119	731	6	-10	9	593	341	934	13	354	235	205	228	
113	17	152	130	715	+585	585	246	831	7	-247	9	329	382	711	13	395	149	243	372	
118	18	158	136	599	+463	463	282	745	8	-444	7	12	362	374	13	375	93	227		
118	19	159	137	591	+454	454	240	694	9	+40	7	487	371	858	13	384	144	225		
128	19	169	147	619	+472	472	217	689	10	-81	7	384	378	762	13	391	174	222		
136	20	178	156	691	+535	535	234	769	11	-156	8	371	381	752	0					