

Daily gage height, in feet, and discharge, in second-feet, of NORTH SIDE CANAL River at MILNER, IDAHO, for 1916

Drainage area \_\_\_\_\_ square miles. [observer.]

Daily gage height, in feet, and discharge, in second-feet, of NORTH SIDE CANAL River at MILNER, IDAHO, for 1916

Drainage area \_\_\_\_\_ square miles. LEMING, WALLACE & FINKELNEUR, observer

Main data table with columns for months (OCTOBER to SEPTEMBER) and rows for gage height and discharge. Includes summary rows for totals, means, and maximum/minimum values.

Vertical text on the left margin: STAFF GAGE OCT. 1 - MAR. 31, RECORDING GAGE APR. 1 - SEPT. 30, STAFF 1.03, Table of use: Half tenths, AUT. 4.03 ft to 6.0 ft, Used rating table dated 6/11/12 AFTER APPLYING - 0.20 FT TO RECORDED G.H.s. OCT. 1 - MAR. 31, SHIFTED JUN. 11-18; JUL. 11-21; AUG. 4-5; AUG. 27-28; SEPT. 19; SEPT. 21-27 & SEPT. 29-30.

Vertical text on the right margin: Gage hts. checked from obs. book, Computed by W.K. B.S., Discharge applied by W.K. B.S., Checked by W.K. B.S., Dist. Eng. 6-9, Gage hts. copied by W.K. B.S., Discharge checked by W.K. B.S.

1916

Daily gage height, in feet, and discharge, in second-feet, of SNAKE River at MILNER, IDAHO, 1916.

Drainage area square miles. F. W. DEMING, observer.

Daily gage height, in feet, and discharge, in second-feet, of SNAKE River at MILNER, IDAHO, 1916.

Drainage area square miles. DEMING & TAPPAN, observer.

DISCHARGES ON DAYS WHEN TWO READINGS ARE RECORDED REPRESENT THE MEAN OF THE TWO DISCHARGES, ONE FROM H.W. & ONE FROM L.W. RATING.

L.W. 1.5  
H.W. 3.0  
Table of use: Half tenths H.W. 9.5 ft. to 10.5  
Used rating table dated 11/26/15 AFTER APPLYING +0.30 FT. TO RECORDED G.H.'S OCT. 1 TO JUL. 24  
H.W. GAGE DURING BALANCE OF YEAR. USED RATING TABLE DATED 11/27/15 AFTER APPLYING -1.88 FT. TO RECORDED G.H.'S FOR ALL READINGS ON L.W. GAGE. ESTIMATED OCT 2, NOV. 17-21, NOV. 24-26, NOV. 28-30, DEC. 4-6, DEC. 31, & JUL. 3, -AUG. 1

Day.	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH		Day.	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		Day.		
	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge		Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge			
1	12.0	1960	11.8	5130	11.8	5130					12.1	5910	1	13.6	10800	14.8	15400	12.7	7680	12.5	7060		100	1.26	17	1		
2	8.3	1300	12.0	5640	11.8	5130					12.0	5640	2	13.4	10000	15.2	17000	12.7	7680	12.8	8000	265	80	1.25	16	2		
3	11.4	4230	12.0	5640	11.8	5130					11.9	5380	3	13.4	10000	14.4	13800	12.8	8000		8330	285	94	1.26	17	3		
4	12.9	8330	12.1	5910							11.8	5130	4	12.8	8000	14.2	13000	13.2	9340	13.0	8660	23	58	1.32	18	4		
5	12.5	7060	12.2	6190		4000					11.8	5130	5	12.2	6190	14.2	13000	12.9	8330		9530	1.5	23	1.24	16	5		
6	11.5	4440	12.2	6190							11.7	4890	6	12.8	8000	14.0	12200	12.4	6760	13.5	10400	225	55	1.22	16	6		
7	11.7	4890	12.1	5910	11.5	4440					11.9	5380	7	12.6	7370	14.0	12200	12.8	8000	13.4	10000	275	87	1.20	15	7		
8	11.8	5130	12.2	6190	12.0	5640				12.4	6760	12.0	5640	8	12.6	7370	15.0	16200	13.2	9340	13.3	9690	1.65	27	5.6	438	8	
9	12.0	5640	12.2	6190	11.9	5380				12.5	7060	12.2	6190	9	12.6	7370	15.1	16600	12.9	8330	12.7	7680	1.5	23	10.8	3320	9	
10	12.5	7060	12.0	5640	12.5	7060				12.8	8000	12.1	5910	10	12.6	7370	15.1	16600	12.8	8000	11.7	4890	1.6	26	10.7	3150	10	
11	12.5	7060	12.1	5910	12.2	6190				13.0	8660	12.1	5910	11		6780	15.7	19000	12.9	8330	10.7	2990	1.45	21	10.1	1130	11	
12	12.5	7060	12.1	5910	12.1	5910				12.8	8000	12.1	5910	12	12.2	6190	15.6	18600	13.2	9340	11.6	4660	1.17	15	1.22	16	12	
13	12.0	5640	12.1	5910	12.0	5640				12.4	6760	11.9	5380	13	12.9	8330	14.9	15800	13.5	10400	11.6	4660	1.22	16	2.6	76	13	
14	12.0	5640	12.2	6190	11.6	4660				12.2	6190	12.2	6190	14	13.1	9000	14.7	15000	13.8	11500	12.1	5910	1.26	17	10.5	1650	14	
15	12.0	5640	12.2	6190	11.6	4660				12.0	5640	12.4	6760	15	13.0	8660	14.7	15000	13.1	9000	12.4	6760	1.34	18	10.3	2540	15	
16	12.0	5640	12.0	5640	11.7	4890				12.0	5640	12.3	6470	16	13.3	9690	14.6	14600	12.6	7370	12.6	7370	1.51	23	10.3	2540	16	
17	12.0	5640			11.7	4890				12.0	5640	12.4	6760	17	13.2	9340	13.9	11900	12.8	8000	12.1	5910	1.52	2230	10.6	2990	17	
18	13.0	8660			11.7	4890				12.0	5640	12.3	6470	18	13.2	9340	13.1	9000	13.1	9000	11.5	4440	10.7	3150	10.6	2990	18	
19	12.0	5640		5900	11.7	4890				12.0	5640	12.3	6470	19	13.0	8660	12.5	7060	13.7	11100	11.2	3840	11.5	6.6	2640	9.8	926	19
20	12.0	5640			11.6	4660				12.0	5640	12.6	7370	20	13.8	11500	11.8	5130	14.2	13000	11.8	5130	1.88	36	1.32	18	20	
21	12.0	5640			11.6	4660				12.0	5640	12.5	7060	21	13.7	11100	11.6	4660	14.6	14600	10.6	2840	10.20	3.15	1250	1.40	20	21
22	12.0	5640	12.2	6190	11.6	4660				11.8	5130	12.6	7370	22	13.5	10400	11.4	4230	14.8	15400	9.6	1440	9.9	2.05	1010	1.38	19	22
23	12.0	5640	12.2	6190	11.5	4440				11.8	5130	12.6	7370	23	13.5	10400	11.8	5130	15.4	17800	9.5	1310	10.15	2320	1.45	21	23	
24	12.0	5640			11.6	4660				11.8	5130	12.8	8000	24	13.2	9340	12.4	6760	15.6	18600	9.2	940	10.8	3320	1.45	21	24	
25	12.0	5640		5400	11.7	4890				11.9	5380	13.0	8660	25	13.2	9340	12.8	8000	15.4	17800		648	10.0	2100	1.40	20	25	
26	12.0	5640				4280				12.0	5640	13.1	9000	26	12.8	8000	13.0	8660	15.2	17000		356	6.3	562	1.35	18	26	
27	12.0	5640	12.1	5910	11.1	3660				12.0	5640	13.0	8660	27	13.1	9000	13.8	11500	14.8	15400	2.4	64	5.4	404	1.35	18	27	
28	12.0	5640			11.9	5380				12.4	6760	13.0	8660	28	13.2	9340	13.8	11500	14.1	12600		62	5.0	340	1.55	24	28	
29	12.0	5640		5900	11.9	5380				12.0	5640	13.2	9340	29	13.8	11500	13.2	9340	12.8	8000		60	3.3	129	1.35	18	29	
30	12.0	5640			11.8	5130						13.6	10800	30	14.4	13800	12.8	8000	12.4	6760	2.3	58	1.55	24	1.45	21	30	
31	11.9	5380				4000						13.2	9340	31			12.8	8000				56	1.42	20			31	

TOTAL	174,080	176,070	152,330			135,360	213,150	272,180	362,870	322,460	143,744	20,218	22,099
Mean	5620	5870	4910			6,150	6,880	9,070	11,700	10,700	4,640	652	737
Sec.-ft. per square mile						FEB. 8-29							
Run-off, depth in inches													
Run-off in acre-feet	346,000	349,000	302,000			268,000	423,000	540,000	719,000	637,000	285,000	40,100	43,900
Maximum	8,660		7,060			8,660	10,800	13,800	19,000	18,600	10,400	3,320	3,320
Minimum	1,300	5,130	3,660			5,130	4,890	6,190	4,230	6,760	56	15	15
Accuracy													

Gage hts. checked from obs. book. NK.  
 Discharge applied by H.C.B.  
 Discharge checked by NK.  
 Gage hts. checked by NK.  
 Dist. Eng.





Daily gage height, in feet, and discharge, in second-feet, of SNAKE River at NEELEY, IDAHO, for 1916

Drainage area \_\_\_\_\_ square miles.

SORENSEN & MORGAN, observer.

Daily gage height, in feet, and discharge, in second-feet, of SNAKE River at NEELEY, IDAHO, for 1916

Drainage area \_\_\_\_\_ square miles.

MORGAN, DAVIS & SHEFFEL, observer.

Day	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH		Day	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		Day	
	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge		Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge		
1	5.45	6380	5.3	5920		6220	5.4	↑	5.1	↑	5.2	5760	1	6.25	9280	9.1	22400	7.4	14000	7.8	15800	6.05	8550	5.85	7850	1	
2	5.45	6380	5.3	5920		6220	5.3				5.2	5760	2	6.2	9090	8.9	21300	7.6	14900	7.8	15800	6.2	9090	5.85	7850	2	
3	5.45	6380	5.3	5920		6220	5.0		5.0		5.15	5610	3	6.2	9090	8.7	20300	7.7	15300	7.7	15300	6.3	9460	5.8	7680	3	
4	5.45	6380	5.3	5920	5.4	6220	4.7		4.9		5.15	5610	4	6.2	9090	8.6	19800	7.7	15300	7.8	15800	6.3	9460	5.9	8020	4	
5	5.45	6380	5.25	5770	5.4	6220	4.8	4350	4.7	4570	5.3	6060	5	6.2	9090	8.6	19800	7.5	14400	8.2	17800	6.0	8370	5.95	8200	5	
6	5.45	6380	5.25	5770	5.55	6690	4.8		4.8		5.35	6220	6	6.2	9090	8.8	20800	7.5	14400	8.3	18200	5.6	7010	6.0	8370	6	
7	5.45	6380	5.3	5920	5.7	7170	5.1		4.9		5.35	6220	7	6.2	9090	9.2	22900	7.8	15800	8.0	16800	5.55	6850	6.05	8550	7	
8	5.45	6380	5.3	5920	5.9	7840	5.1		5.1		5.4	6370	8	6.2	9090	9.4	24000	8.0	16800	7.8	15800	5.6	7010	6.05	8550	8	
9	5.45	6380	5.3	5920	5.9	7840	5.1		5.2		5.4	6370	9	6.15	8910	9.8	26200	7.8	15800	7.7	15300	5.55	6850	6.1	8730	9	
10		6380	5.3	5920		↑	5.0	5050	5.2	5760	5.4	6370	10	6.2	9090	9.8	26200	7.7	15300	7.6	14900	5.55	6850	6.1	8730	10	
11	5.45	6380	5.35	6070		↑	5.0	5050	5.6	7010	5.5	6690	11	6.3	9460	9.8	26200	8.0	16800	7.7	15300	5.8	7680	6.1	8730	11	
12	5.45	6380	5.35	6070		↑	4.9	4780	5.6	7010	5.55	6850	12	6.5	10200	9.6	25100	8.2	17800	7.7	15300	6.05	8550	6.1	8730	12	
13	5.5	6530	5.35	6070		↑	5.1	↑	5.3	6060	5.7	7340	13	6.9	11800	9.3	23500	8.4	18800	7.8	15800	6.1	8730	6.15	8910	13	
14	5.45	6380	5.3	5920		5910	5.1		5.3	6060	5.65	7180	14	7.1	12700	8.8	20800	8.3	18200	7.8	15800	6.25	9280	6.15	8910	14	
15	5.45	6380	5.2	5620		↑	5.0		5.3	6060	5.6	7010	15	7.1	12700	8.4	18800	8.2	17800	7.6	14900	6.25	9280	6.05	8550	15	
16	5.4	6220	5.4	6220		↑	4.8		5.2	5760	5.6	7010	16	7.0	12200	8.1	17300	8.2	17800		14300	5.75	7510	5.95	8200	16	
17		6120		6260		↑	4.8		5.2	5760	5.55	6850	17	7.1	12700	7.8	15800	8.3	18200		13700	5.95	8200	5.85	7850	17	
18		6020		6300		↑	4.8		5.2	5760	5.55	6850	18	7.2	13100	7.4	14000	8.6	19800		13000	6.25	9280	5.7	7340	18	
19	5.3	5920		6340	4.6	↑	4.9	4570	5.2	5760	5.55	6850	19	7.2	13100	7.0	12200	9.0	21900		12400	6.35	9650	5.5	6690	19	
20	5.3	5920	5.45	6380	4.6	↑	4.8		5.2	5760	5.65	7180	20	7.3	13500	6.7	11000	9.2	22900	6.9	11800	6.6	10600	5.35	6220	20	
21	5.3	5920	5.45	6380	4.6	↑	4.7		5.2	5760	5.75	7510	21	7.3	13500	6.7	11000	9.4	24000	6.8	11400	6.7	11000	5.2	5760	21	
22	5.35	6070	5.45	6380	4.8	↑	4.8		5.2	5760	5.9	8020	22	7.1	12700	7.1	12700	9.8	26200	6.4	9840	6.7	11000	5.15	5610	22	
23	5.35	6070	5.45	6380	5.0	5050	4.9		5.2	5760	6.2	9090	23	7.0	12200	7.5	14400	9.9	26800	6.15	8910	6.6	10600	5.05	5320	23	
24	5.35	6070	5.5	6530	4.6	4000	5.0		5.3	6060	6.35	9650	24	7.0	12200	7.6	14900	9.8	26200	6.05	8550	6.6	10600	4.95	5030	24	
25	5.3	5920		6430	4.6	4000	5.1		5.25	5910	6.35	9650	25	7.0	12200	7.6	14900	9.4	24000	5.9	8020	6.4	9840	4.95	5030	25	
26	5.3	5920		6320	4.5	3760	5.0	5050	5.25	5910	6.45	10000	26	7.2	13100	7.5	14400	9.0	21900	5.8	7680	6.15	8910	4.9	4890	26	
27	5.3	5920	5.4	6220	4.7	4250	4.9	4780	5.35	6220	6.35	9650	27	7.7	15300	7.5	14400	8.6	19800	5.7	7340	6.05	8550	4.9	4890	27	
28	5.35	6070	5.4	6220	5.0	↑	5.2	↑	5.25	5910	6.25	9280	28	8.1	17300	7.5	14400	7.9	16300	5.75	7510	6.05	8550	4.85	4760	28	
29	5.35	6070		6220	5.0	4240	5.4	4260	5.25	5910	6.25	9280	29	8.6	19800	7.5	14400	7.6	14900	5.75	7510	5.95	8200	4.9	4890	29	
30	5.35	6070		6220		↓	5.6				6.3	9460	30	9.0	21900	7.4	14000	7.6	14900	5.85	7850	5.85	7850	4.95	5030	30	
31	5.3	5920			4.8	↓	5.2				6.35	9650	31			7.3	13500			6.0	8370	5.85	7850			31	
TOTAL		192,070		183,450		167,610		140,310		161,070		231,400			362,570		561,400		557,000		376,780		271,210		213,870	3,438,760	
Mean		6,200		6,120		5,410		4,530		5,550		7,460			12,100		18,100		18,600		12,800		8,750		7,130	9,400	
Sec. - ft. per square mile																											
Run-off, depth in inches																											
Run-off in acre-feet		381,000		364,000		333,000		279,000		319,000		459,000			720,000		1,110,000		1,110,000		787,000		538,000		424,000	6,820,000	
Maximum		6,530		6,530		~		~		7,010		10,000			21,900		26,200		26,800		18,200		11,000		8,910	26,800	
Minimum		5,920		5,620		~		~		~		5,610			8,910		11,000		14,000		7,340		6,850		4,760	~	
Accuracy																											

STAFF GAGE DEC. 19 - FEB. 23.

STAFF GAGE - TENTHS ONLY  
Table of use: Half tenths BELOW # 6.5 (AUTOMATIC)  
Used rating table dated 9/13/16 OCT. 1 - JAN. 27 FOR OPEN CHANNEL PERIODS  
" " 9/21/16 JAN. 31 - SEPT. 30  
ESTIMATED DEC. 10-22; DEC. 28 - JAN. 9; JAN. 13-25 AND JAN. 23 - FEB. 9 BECAUSE OF MISSING GAGE HEIGHTS & F.E.

This sheet copied by E.M.H. CHECKED BY W.P.S.

Gage hts. copied by Dist. Eng.

Gage hts. checked by

Discharge applied by

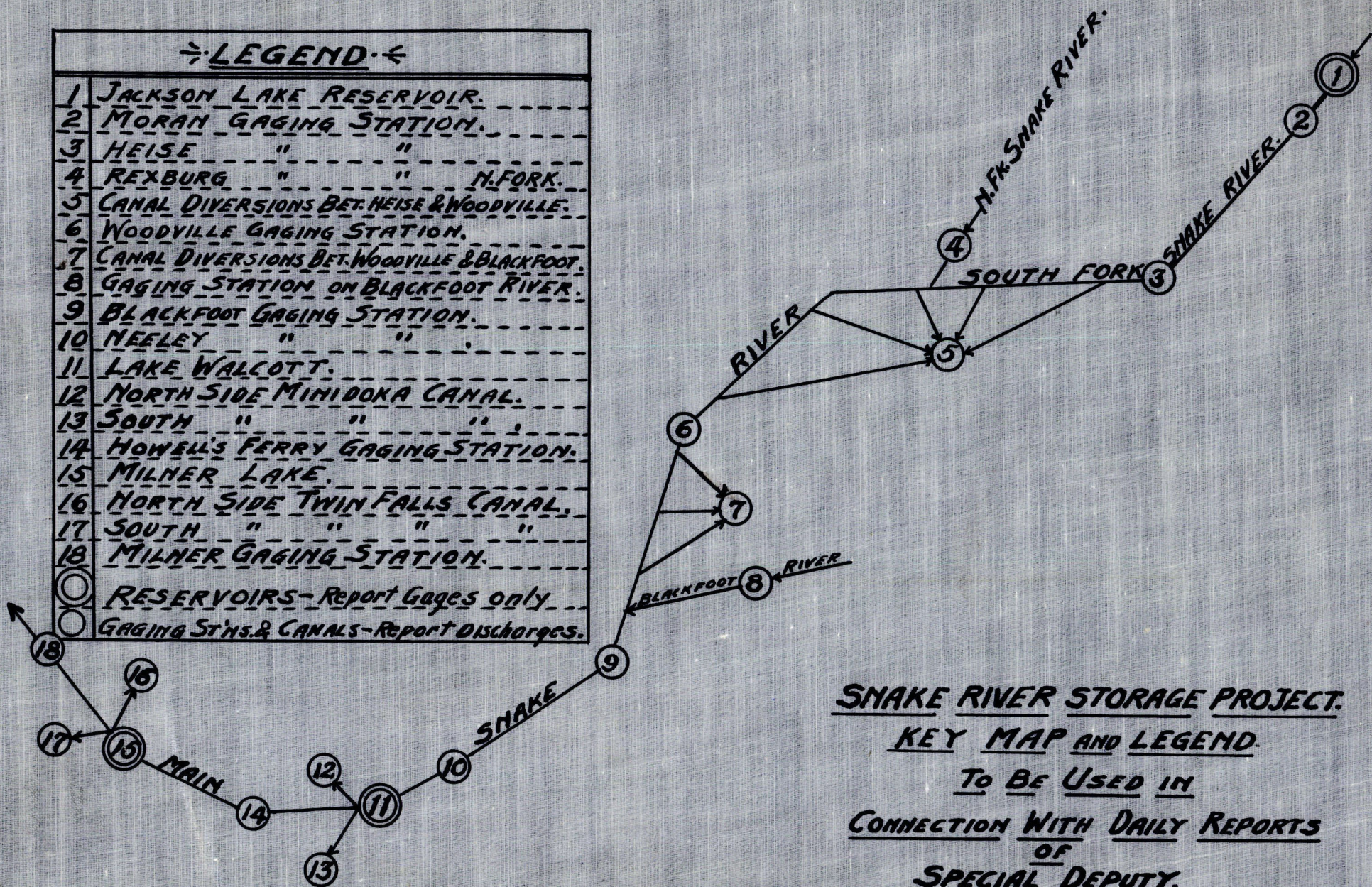
Discharge checked by

Year

Period

≡ LEGEND ≡

1	JACKSON LAKE RESERVOIR.
2	MORAN GAGING STATION.
3	HEISE " " "
4	REXBURG " " N.FORK.
5	CANAL DIVERSIONS BET. HEISE & WOODVILLE.
6	WOODVILLE GAGING STATION.
7	CANAL DIVERSIONS BET. WOODVILLE & BLACKFOOT.
8	GAGING STATION ON BLACKFOOT RIVER.
9	BLACKFOOT GAGING STATION.
10	NEELEY " " "
11	LAKE WALCOTT.
12	NORTH SIDE MINIDOKA CANAL.
13	SOUTH " " " "
14	HOWELL'S FERRY GAGING STATION.
15	MILNER LAKE.
16	NORTH SIDE TWIN FALLS CANAL.
17	SOUTH " " " " "
18	MILNER GAGING STATION.
○	RESERVOIRS - Report Gages only
○	GAGING STNS. & CANALS - Report Discharges.



SNAKE RIVER STORAGE PROJECT.

KEY MAP AND LEGEND.

To Be Used in

Connection with Daily Reports

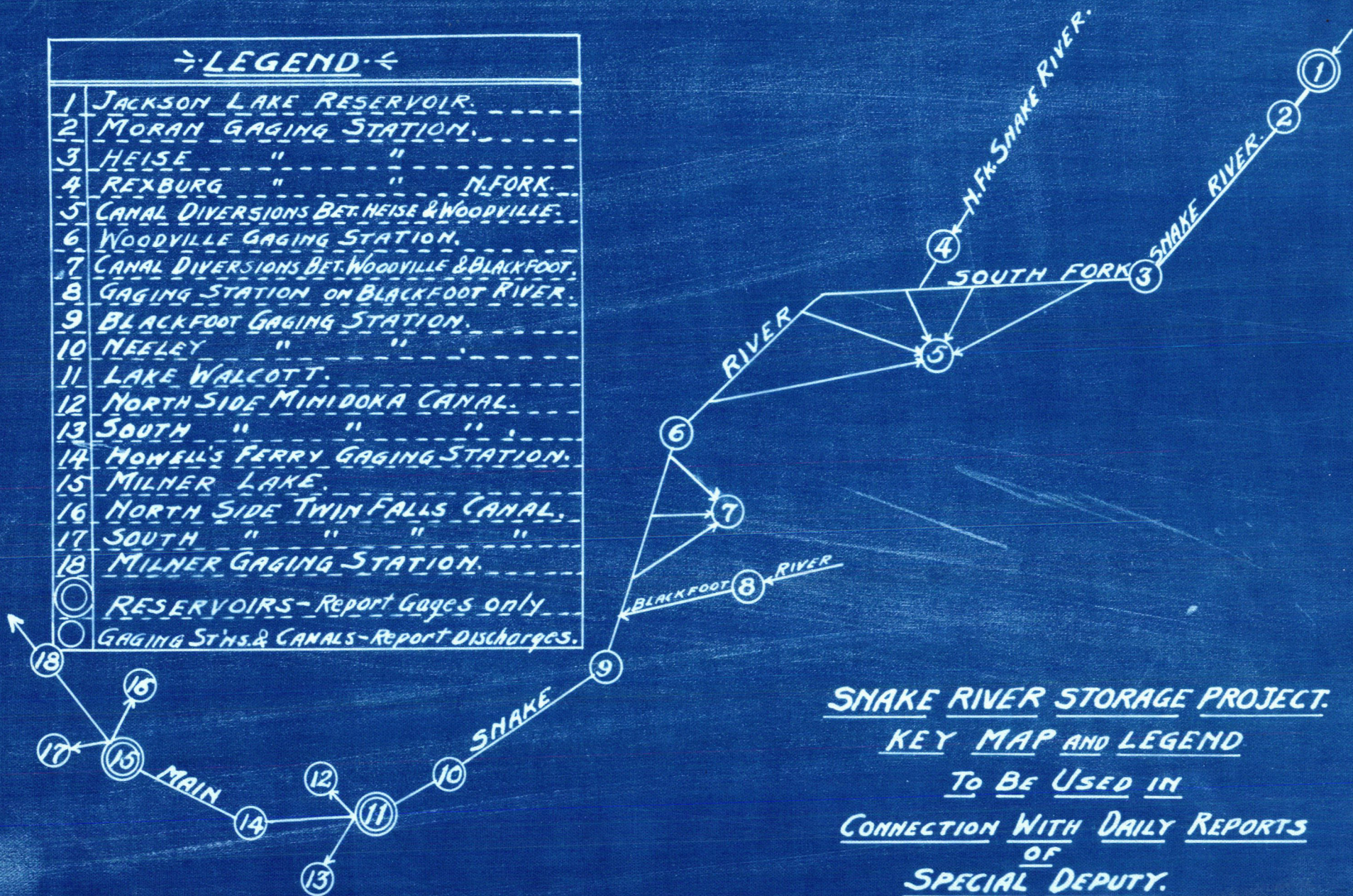
OF  
SPECIAL DEPUTY.

SEASON-1916-17

→ LEGEND ←

- |    |  |
|----|--|
| 1  | JACKSON LAKE RESERVOIR.                      |
| 2  | MORAN GAGING STATION.                        |
| 3  | HEISE " " "                                  |
| 4  | REXBURG " " N.FORK.                          |
| 5  | CANAL DIVERSIONS BET. HEISE & WOODVILLE.     |
| 6  | WOODVILLE GAGING STATION.                    |
| 7  | CANAL DIVERSIONS BET. WOODVILLE & BLACKFOOT. |
| 8  | GAGING STATION ON BLACKFOOT RIVER.           |
| 9  | BLACKFOOT GAGING STATION.                    |
| 10 | NEELEY " " "                                 |
| 11 | LAKE WALCOTT.                                |
| 12 | NORTH SIDE MINIDOKA CANAL.                   |
| 13 | SOUTH " " "                                  |
| 14 | HOWELL'S FERRY GAGING STATION.               |
| 15 | MILNER LAKE.                                 |
| 16 | NORTH SIDE TWIN FALLS CANAL.                 |
| 17 | SOUTH " " " "                                |
| 18 | MILNER GAGING STATION.                       |

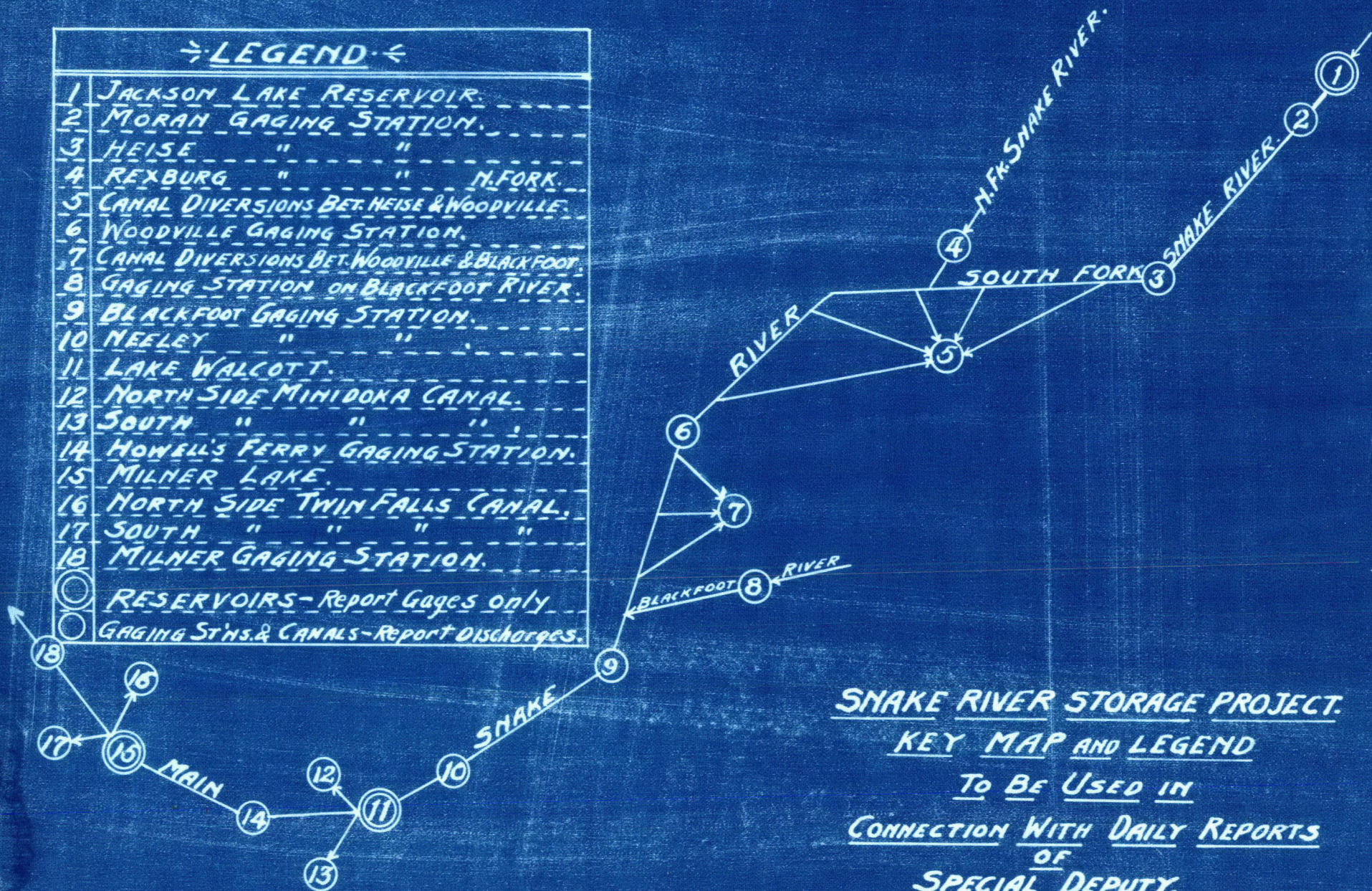
○ RESERVOIRS - Report Gages only  
 ○ GAGING STNS. & CANALS - Report Discharges.



SNAKE RIVER STORAGE PROJECT.  
KEY MAP AND LEGEND  
To Be Used in  
CONNECTION WITH DAILY REPORTS  
OF  
SPECIAL DEPUTY.  
SEASON-1916-17

→ LEGEND ←

1	JACKSON LAKE RESERVOIR.
2	MORAN GAGING STATION.
3	HEISE " "
4	REXBURG " " N.FORK.
5	CANAL DIVERSIONS BET. HEISE & WOODVILLE.
6	WOODVILLE GAGING STATION.
7	CANAL DIVERSIONS BET. WOODVILLE & BLACKFOOT.
8	GAGING STATION ON BLACKFOOT RIVER.
9	BLACKFOOT GAGING STATION.
10	NEELEY " "
11	LAKE WALCOTT.
12	NORTH SIDE MINIDOKA CANAL.
13	SOUTH " " "
14	HOWELL'S FERRY GAGING STATION.
15	MILNER LAKE.
16	NORTH SIDE TWIN FALLS CANAL.
17	SOUTH " " "
18	MILNER GAGING STATION.
○	RESERVOIRS - Report Gages only
○	GAGING ST'S. & CANALS - Report Discharges.

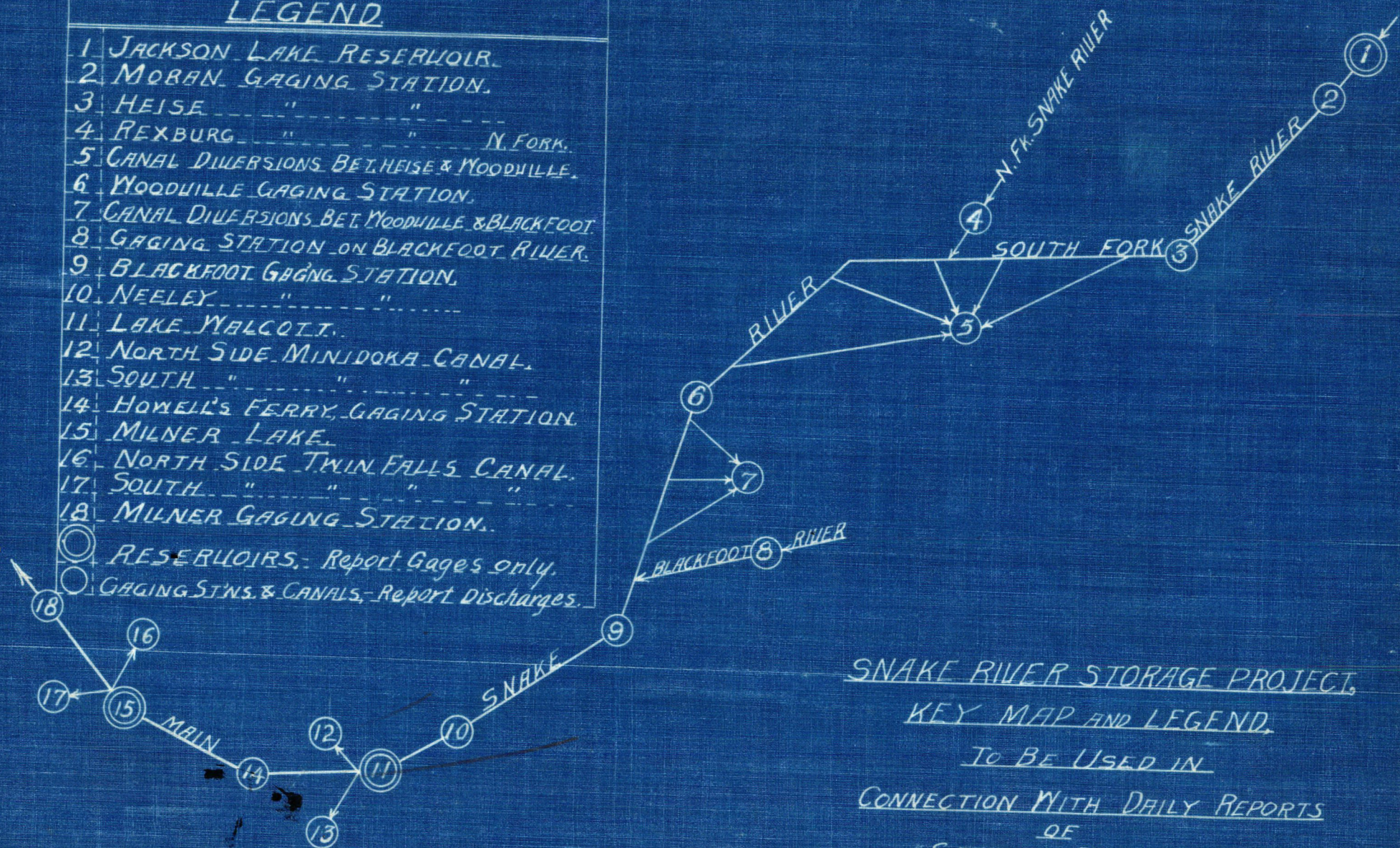


SNAKE RIVER STORAGE PROJECT.  
KEY MAP AND LEGEND  
To Be Used in  
CONNECTION WITH DAILY REPORTS  
OF  
SPECIAL DEPUTY.  
SEASON-1916-17

## LEGEND.

- |    |  |
|----|--|
| 1  | JACKSON LAKE RESERVOIR.                      |
| 2  | MOBAN GAGING STATION.                        |
| 3  | HEISE " " " " " "                            |
| 4  | REXBURG " " " " " N. FORK.                   |
| 5  | CANAL DIVERSIONS BET. HEISE & WOODVILLE.     |
| 6  | WOODVILLE GAGING STATION.                    |
| 7  | CANAL DIVERSIONS BET. WOODVILLE & BLACKFOOT. |
| 8  | GAGING STATION ON BLACKFOOT RIVER.           |
| 9  | BLACKFOOT GAGING STATION.                    |
| 10 | NEELEY " " " " " "                           |
| 11 | LAKE WALCOTT.                                |
| 12 | NORTH SIDE MINIDOKA CANAL.                   |
| 13 | SOUTH " " " " " "                            |
| 14 | HOWELL'S FERRY GAGING STATION.               |
| 15 | MILNER LAKE.                                 |
| 16 | NORTH SIDE TWIN FALLS CANAL.                 |
| 17 | SOUTH " " " " " "                            |
| 18 | MILNER GAGING STATION.                       |

- 11 RESERVOIRS: Report Gages only.  
12 GAGING STNS. & CANALS: Report Discharges.



Snake River Storage Project,  
Key Map and Legend,  
To Be Used in  
Connection with Daily Reports  
of  
Special Deputy,  
Season-1916.

Daily gage height, in feet, and discharge, in second-feet, of SNAKE River <sup>near</sup> BLACKFOOT, IDAHO, for 1916.

Drainage area \_\_\_\_\_ square miles.

[ JAMES A. CLOUGH, observer.]

Daily gage height, in feet, and discharge, in second-feet, of SNAKE River <sup>near</sup> BLACKFOOT, IDAHO, for 1916.

Drainage area \_\_\_\_\_ square miles.

[ JAMES A. CLOUGH, observer.]

Table of use: Half tithals 3.5 ft to 6.5 ft. AUTO. GAGE  
Used rating table dated 9/13/15. DIRECT. OCT. 1 - JUN. 20; AFTER APPLYING +0.04 JUN. 22 - SEPT. 30.  
GAGE HEIGHT RECORD INCOMPLETE DEC. 18, 26, 27, 30, 31, JAN. 1 & 2, APR. 8,  
MAY 28 & 29, JULY 18, 19, 20, 24 & 26, AUG. 1.  
SHIFTED JUNE 21.

Day.	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH		Day.	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		Day.
	Gage height.	Discharge.	Gage height.	Discharge.	Gage height.	Discharge.	Gage height.	Discharge.	Gage height.	Discharge.	Gage height.	Discharge.		Gage height.	Discharge.	Gage height.	Discharge.	Gage height.	Discharge.	Gage height.	Discharge.	Gage height.	Discharge.	Gage height.	Discharge.	
1	4.9	3980					(3.2)	1430	3.45	1720	4.3	2920	1	5.8	5980	9.3	19200	7.6	11800	8.0	13600	(5.95)	6460	5.6	5580	1
2	4.95	4080					(3.25)	1480	3.4	1660	4.3	2920	2	5.8	5980	9.0	17800	7.9	13000	7.8	12700	6.05	6730	5.55	5460	2
3	5.0	4180					3.18	1410	3.4	1660	4.25	2840	3	5.85	6100	8.8	16900	7.8	12600	7.9	13100	6.2	7150	5.6	5580	3
4	5.0	4180					3.47	1740	3.55	1840	4.35	3000	4	5.85	6100	8.8	16900	7.6	11800	8.3	14800	5.85	6280	5.75	5950	4
5	5.0	4180					3.6	1900	3.7	2030	4.5	3250	5	5.8	5980	8.9	17400	7.6	11800	8.6	16200	5.25	4780	5.75	5950	5
6	5.0	4180					4.2	2760	3.8	2160	4.45	3160	6	5.9	6230	9.4	19700	8.0	13400	8.3	14800	5.1	4460	5.85	6200	6
7	5.0	4180					4.3	2920	3.95	2380	4.6	3420	7	5.95	6360	9.8	21600	8.3	14700	8.0	13600	5.2	4680	5.9	6330	7
8	4.95	4080			5.0	4180	4.25	2840	4.15	2680	4.65	3520	8	(5.9)	6230	10.2	23500	8.1	13800	7.8	12700	5.2	4680	5.9	6330	8
9	4.9	3980			4.95	4080	4.15	2680	4.3	2920	4.55	3340	9	5.9	6230	10.2	23500	7.9	13000	7.8	12700	5.0	4260	5.9	6330	9
10					4.7	3600	4.15	2680	4.4	3080	4.65	3520	10	6.0	6490	10.1	23000	8.1	13800	7.8	12700	5.3	4890	5.95	6460	10
11					4.7	3600	4.15	2680	4.55	3340	4.75	3700	11	6.25	7180	10.0	22600	8.5	15600	7.9	13100	5.8	6080	5.9	6330	11
12					4.55	3340	4.05	2520	4.55	3340	4.85	3880	12	6.7	8530	9.7	21100	8.7	16400	7.9	13100	5.85	6200	5.95	6460	12
13					4.4	3080	4.15	2680	4.5	3250	4.9	3980	13	7.1	9880	9.2	18700	8.7	16400	8.0	13600	6.1	6870	6.0	6600	13
14					4.55	3340	4.05	2520	4.5	3250	4.8	3790	14	7.1	9880	8.8	16900	8.5	15600	7.9	13100	6.15	7010	5.9	6330	14
15					4.5	3250	3.9	2300	4.4	3080	4.8	3790	15	7.0	9520	8.4	15100	8.5	15600	7.6	11900	5.65	5700	5.7	5820	15
16					4.3	2920	3.75	2100	4.35	3000	4.8	3790	16	7.0	9520	8.0	13400	8.6	16000	7.4	11100	5.3	4890	5.55	5460	16
17					4.05	2520	3.7	2030	4.35	3000	4.8	3790	17	7.2	10200	7.5	11400	8.9	17400	7.4	11100	6.1	6870	5.35	5000	17
18					(3.6)	1900	3.8	2160	4.4	3080	4.8	3790	18	7.2	10200	7.1	9880	9.3	19200	7.3	10800	6.2	7150	5.0	4260	18
19					3.05	1270	3.75	2100	4.45	3160	4.9	3980	19	7.3	10600	6.7	8530	9.7	21100	(7.1)	10000	6.45	7880	4.75	3770	19
20					3.1	1320	3.55	1840	4.45	3160	5.1	4380	20	7.4	11000	6.5	7910	9.8	21600	(6.9)	9320	6.7	8660	4.5	3320	20
21					3.5	1780	3.48	1750	4.45	3160	5.2	4590	21	7.2	10200	6.9	9180	10.3	24100	6.5	8030	6.7	8660	4.35	3060	21
22					3.85	2240	3.75	2100	4.45	3160	5.6	5480	22	7.1	9880	7.4	11000	(10.4)	24700	6.0	6600	6.6	8340	4.2	2820	22
23					4.55	3340	4.05	2520	4.55	3340	5.95	6360	23	7.0	9520	7.8	12600	(10.2)	23700	5.85	6200	6.6	8340	4.0	2510	23
24					4.6	3420	4.1	2600	4.5	3250	5.95	6360	24	6.9	9180	7.7	12200	9.9	22300	(5.7)	5820	6.4	7730	3.9	2360	24
25					4.65	3520	4.1	2600	4.5	3250	6.05	6620	25	7.2	10200	7.5	11400	9.4	19900		5360	6.1	6870	3.85	2290	25
26					(4.4)	3080	4.1	2600	4.55	3340	6.0	6490	26	7.6	11800	7.5	11400	9.0	18000	(5.3)	4890	5.95	6460	3.9	2360	26
27					(4.0)	2450	4.0	2450	4.6	3420	5.85	6100	27	8.2	14200	7.5	11400	8.3	14800	5.3	4890	5.9	6330	3.85	2290	27
28					4.05	2520	4.05	2520	4.45	3160	5.75	5850	28	8.7	16400	7.5	11400	7.7	12300	5.25	4780	5.8	6080	3.85	2290	28
29					3.55	1840	3.85	2240	4.4	3080	5.85	6100	29	9.2	18700	7.4	11000	7.7	12300	5.4	5120	5.55	5460	3.95	2440	29
30					(3.2)	1430	3.65	1960			5.95	6360	30	9.5	20200	7.3	10600	8.0	13600	5.65	5700	5.5	5340	4.05	2580	30
31					(2.8)	1020	3.37	1620			5.9	6230	31			7.4	11000			5.75	5950	5.55	5460			31

TOTAL	37,020	65,040	69,730	82,950	137,300	288,470	468,200	490,300	317,960	196,670	138,520
Mean	4,110	2,710	2,250	2,860	4,430	9,620	15,100	16,300	10,200	6,340	4,620
Sec.-ft. per square mile											
Run-off, depth in inches	OCT. 1-9	DEC. 8-31									
Run-off in acre-feet	73,400	129,000	138,000	165,000	272,000	572,000	928,000	970,000	627,000	390,000	275,000
Maximum	4,180	4,180	2,920	3,420	6,620	20,200	23,500	24,700	16,200	8,660	6,600
Minimum	3,980	1,020	1,410	1,660	2,840	5,980	7,910	11,800	4,780	4,260	2,290
Accuracy											

Gage hts. checked from obs. book. Dist. Eng.  
 Computed by J.A.C. Discharge applied by J.A.C.  
 Checked by J.A.C. Discharge checked by J.A.C.  
 Gage hts. copied by J.A.C.  
 Gage hts. checked by J.A.C.

OCT. 1-98  
DEC. 8-SEPT. 30  
4,540,000

Daily gage height, in feet, and discharge, in second-feet, of SNAKE River near SHELLEY, IDAHO, for 1916.

Drainage area \_\_\_\_\_ square miles. [JAMES FUGAL, observer.]

Daily gage height, in feet, and discharge, in second-feet, of SNAKE River near SHELLEY, IDAHO, for 1916.

Drainage area \_\_\_\_\_ square miles. [FUGAL & THORNE, observer.]

USED STAFF GAGE READINGS ONLY MAY 13, MAY 20, JUN. 10, JUN. 18-30 & SEPT. 10-15.

STAFF GAGE HALF TENTHS BELOW G.C.F.T. 11. FOR AUT. GAGE 6.0 ft to 8.0

Used rating table dated 10/1/15 OCT. 1 - NOV. 14; NOV. 20-27 & DEC. 9. ESTIMATED NOV. 15, 19 & 28 - 30. MAR 16 - SEPT. 30 EXCEPT PERIODS OF NO G.H. WHICH WERE INTERPOLATED & MAY 1-25 WHEN INLET PIPE TO FLOAT WELL WAS STOPPED UP. APPROX. MEAN DAILY DISCHARGE FOR LATTER PERIOD 16,100 SEC. FT.

Day	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH		Day	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		Day
	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge		Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	
1	6.2	4120	6.0	3620									1	6.95	5880			8.9	12600	9.6	15400	7.65	8140	7.25	6820	1
2	6.3	4390	6.0	3620									2	6.95	5880			8.9	12600	9.4	14600	7.75	8480	7.25	6820	2
3	6.3	4390	5.98	3580									3	7.0	6040			8.8	12300	9.4	14600	7.8	8660	7.3	6980	3
4	6.3	4390	5.98	3580									4	6.95	5880				12800	9.8	16200	7.4	7300	7.35	7140	4
5	6.35	4530	5.98	3580									5	7.0	6040				13300	10.1	17400	7.1	6340	7.4	7300	5
6	6.3	4390	5.97	3550									6	7.05	6190				13800	9.6	15400	7.1	6340	7.45	7470	6
7	6.3	4390	5.96	3530									7	7.05	6190				14300	9.4	14600	7.25	6820	7.5	7640	7
8	6.25	4260	5.97	3550									8	7.0	6040				14800	9.3	14200	7.15	6500	7.5	7640	8
9	6.25	4260	5.97	3550	6.1	3870							9	7.05	6190				15300	9.3	14200	7.25	6820	7.5	7640	9
10	6.2	4120	5.96	3530									10	7.2	6660			9.7	15800	9.4	14600	7.6	7970	7.4	7300	10
11	6.25	4260	5.96	3530									11	7.45	7470				16500	7.3	14200	7.8	8660	7.4	7300	11
12	6.25	4260	5.96	3530									12	7.85	8830				17100	9.5	15000	7.85	8830	7.5	7640	12
13	6.2	4120	5.94	3480									13	7.95	9180	10.0		10.2	17800	9.6	15400	8.0	9350	7.5	7640	13
14		4080	6.0	3620									14	7.9	9000			10.1	17400	9.3	14200	7.95	9180	7.3	6980	14
15		4040											15	7.85	8830			10.2	17800	9.0	13000	7.15	6500	7.2	6660	15
16	6.15	4000									6.25	3930	16	8.0	9350			10.4	18600	8.9	12600	7.7	8310	7.05	6190	16
17	6.15	4000		3680							6.25	3930	17	8.1	9700			10.6	19400	8.8	12300	7.85	8830	6.85	5580	17
18	6.15	4000									6.35	4180	18	8.0	9350			11.2	21900	8.6	11500	7.95	9180	6.65	4990	18
19		3940									6.45	4440	19	8.2	10100			11.5	23100	8.4	10800	8.2	10100	6.5	4580	19
20	6.1	3870	6.05	3750								4790	20	8.2	10100	7.9		11.8	24400	8.3	10400	8.2	10100	6.4	4310	20
21	6.1	3870	6.05	3750							6.7	5140	21	8.0	9350			12.3	26500	7.8	8660	8.2	10100	6.35	4180	21
22	6.05	3750	6.0	3620							7.0	6040	22	7.9	9000			12.3	26500	7.6	7970	8.2	10100	6.25	3930	22
23		3680	6.0	3620							7.1	6340	23	7.85	8830			12.0	25200	7.5	7640	8.1	9700	6.15	3690	23
24	6.0	3620	6.0	3620							7.15	6500	24	7.9	9000			11.3	22300	7.35	7140	7.9	9000	6.05	3460	24
25		3660	5.95	3510							7.2	6660	25	8.2	10100			10.8	20200	7.2	6660	7.7	8310	6.05	3460	25
26		3710	5.95	3510							7.05	6190	26	8.9	12600	8.6	11500	10.6	19400	7.1	6340	7.6	7970	6.0	3350	26
27	6.05	3750	5.85	3280							6.95	5880	27	9.6	15400	8.6	11500	9.5	15000	7.05	6190	7.55	7800	5.95	3240	27
28		3680	5.95								6.9	5730	28	10.1	17400	8.6	11500	9.2	13800	7.05	6190	7.35	7140	6.0	3350	28
29	6.0	3620		3300							7.05	6190	29	10.5	19000	8.6	11500	9.3	14200	7.15	6500	7.25	6820	6.15	3690	29
30	6.0	3620									7.05	6190	30	(10.6)	19400	8.5	11200	9.7	15800	7.3	6980	7.25	6820	6.15	3690	30
31	6.0	3620									6.95	5880	31			8.5	11200			7.4	7300	7.25	6820			31
TOTAL		124,390		106,810								88,010			282,980		68,400		530,500		358,170		252,990		170,660	
Mean		4,010		3,560								5,500			9,430		11,400		17,700		11,600		8,160		5,690	
Sec. - ft. per square mile												MAR. 16-31					MAY 26-31									
Run-off, depth in inches												175,000			56,000		136,000		1,050,000		713,000		502,000		339,000	
Run-off in acre-feet		247,000		212,000								6,660			19,400		11,500		26,500		17,400		10,100		7,640	
Maximum		4,530										3,930			5,880		11,200		12,300		6,190		6,340		3,240	
Minimum		3,620																								
Accuracy																										

Gage hts. checked from obs. book. Discharge applied by G.H. Gage hts. checked by G.H. Discharge checked by G.H. Year period

Gage hts. copied by G.H. Gage hts. checked by G.H.

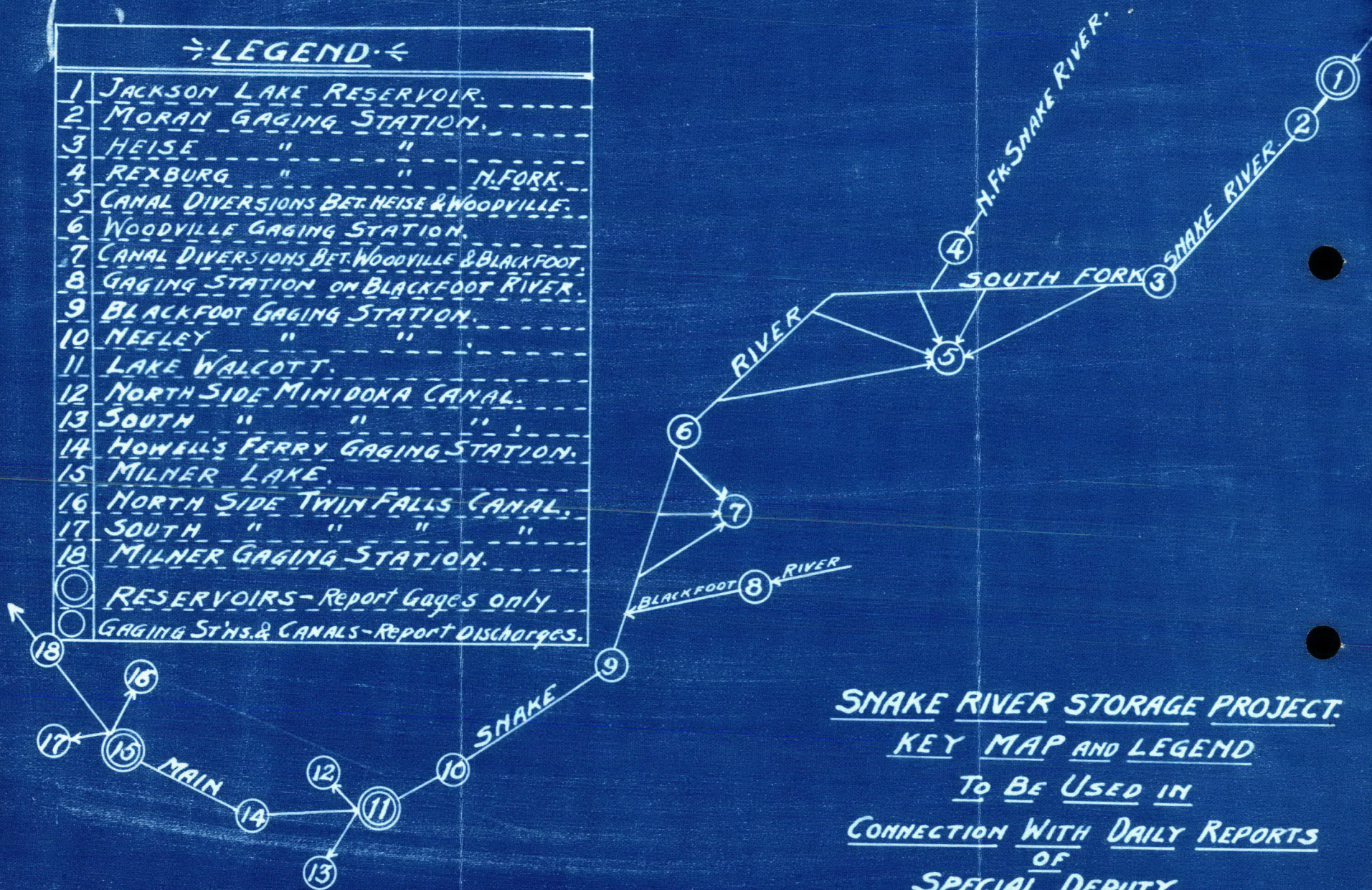
Dist. Eng. Gage hts. checked from obs. book. Discharge applied by G.H. Discharge checked by G.H.

Computed by G.H. Checked by G.H.

Year period

⇒ LEGEND ◀

1	JACKSON LAKE RESERVOIR.
2	MORAN GAGING STATION.
3	HEISE " "
4	REXBURG " " N.FORK.
5	CANAL DIVERSIONS BET. HEISE & WOODVILLE.
6	WOODVILLE GAGING STATION.
7	CANAL DIVERSIONS BET. WOODVILLE & BLACKFOOT.
8	GAGING STATION ON BLACKFOOT RIVER.
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○	RESERVOIRS - Report Gages only
○	GAGING STNS. & CANALS - Report Discharges.



SNAKE RIVER STORAGE PROJECT.

KEY MAP AND LEGEND

TO BE USED IN

CONNECTION WITH DAILY REPORTS

OF

SPECIAL DEPUTY.

SEASON-1916-17

May June  
July Aug. Sept. Oct. Nov. Dec.

185  
        
1400  
        
2627  
        
1227

May June  
July Aug. Sept. Oct. Nov.

317.50  
185  
        
132.00

185.