

THE 1915 JULY RIVER.

By Table III Wentz Report 1914, the Mean Provo River is 461 second feet ; the Maximum mean river is 706 second feet and occurs on the 1st and 5th of the month; the mean minimum river is 300 second feet and occurs on the 27th day of the month.

The 1915 July river mean is 274 second feet, or 187 second feet less than the mean river; the maximum is 323 second feet occurring on the 1st, 2nd, and 4th day of the month, and is 383 second feet less than the maximum mean river; the minimum is 213 second feet occurring on the 31st. day of the month and is 87 second feet less than the mean minimum river.

And by Table I Wentz Report 1914, and using the whole period 1889 to 1915, the average mean July river is 393 second feet, the average maximum river is 690 second feet, the average minimum river is 267 second feet, the maximum river is 2140 second feet occurring in 1907, and the minimum river is 166 second feet occurring in 1904.

And comparing the 1915 July river with the river for the period from 1889 to 1915 we have:- The 1915 July river mean is 274 second feet, or 119 second feet less than the mean river; the maximum is 323 second feet and is 1817 second feet less than the mean maximum, and is 367 second feet less than the average maximum; the minimum is 213 second feet and is 47 second feet greater than the minimum, and is 54 second feet less than the average minimum.

And by Table II Wentz Report 1914, the maximum number of days the river is 100-200 second feet is 1-- the 1915 river is 00; the maximum number of days the river is 200-300 second feet is 30-- the 1915 river is 26; the maximum number of days the river is 300-400 second feet is 21-- the 1915 river is 5; the maximum number of days the river is 400-500 second feet is 13-- the 1915 river is 00; the maximum number of days the river is above 500 second feet is 29-- the 1915 river is 0 days.

The minimum number of days the river is 100-200 second feet is 0-- the 1915 river is 0; the minimum number of days the river is 200-300 second feet is 0-- the 1915 river is 26; the minimum number of days the river is 300-400 second feet is 0-- the 1915 river is 5; the minimum number of days the river is 400-500 second feet is 0-- the 1915 river is 0; the minimum number of days the river is above 500 second feet is 0-- the 1915 river is 0.

The 1915 July River 2.

The average number of days the river is 100-200 second feet is 0.1-- the 1915 river is 0; the average number of days the river is 200-300 second feet is 11.7-- the 1915 river is 26; the average number of days the river is 300-400 second feet is 10-- the 1915 river is 5; the average number of days the river is 400-500 second feet is 2.5-- the 1915 river is 0; the average number of days the river is above 500 second feet is 6.7-- the 1915 river is 0.

On a copy of Plate III Wentz "Report 1914 I have shown in red the 1915 river; note the divergence from the mean in discharge, and also note the 1915 July river is devoid of highwater.

The 1915 July river was 11,638 acre feet short of the Mean River.

PROVO RIVER

JULY 1915

Based on observation of the United States Geological Survey made at the Station in Prove Canyon.

Date	River	S.Fork	Inflow)Assumed)	Diverted to River	Total Nat. River.
1	255	28	40		323
2	255	28	"		323
3	252	28	"		320
4	255	28	"		323
5	255	27	"		322
6	255	28	"	** 33	290
7	252	24	"	33	283
8	252	28	"	"	287
9	250	27	"	"	284
10	250	27	"	"	284
11	248	27	"	"	282
12	245	24	"	"	276
13	245	28	"	"	280
14	245	28	"	"	280
15	242	28	"	"	277
16	242	27	"	"	276
17	240	27	"	"	274
18	235	28	"	"	270
19	240	28	"	"	275
20	235	28	"	"	270
21	232	27	"	"	266
22	235	26	"	"	268
23	230	27	"	"	264
24	220	28	"	"	255
25	220	27	"	"	254
26	215	27	"	"	249
27	210	30	"	"	247
28	195	27	"	"	229
29	185	36	"	"	228
30	180	28	"	"	215
31	178	28	"	"	213
Totals	7248	857	1240	858	8487
Max.	255	36			
Min.	178	24			
Mean	234	27.6			

Note: Forty (40) second feet is added for inflow below station, and beginning on the 6th day of the month 33 second feet is deducted for amount turned by the Wasatch Dam by Prove Reservoir Co. and Sege Irrigation Co. the result is intended to represent the Natural Prove River.

Grand Total 8487.. Total acre feet 16,974.

Maximum 323 second feet.
 Minimum 213 " "
 Mean 274 " "

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