

DEPARTMENT OF THE INTERIOR

WATER-SUPPLY

AND

IRRIGATION PAPERS

OF THE

UNITED STATES GEOLOGICAL SURVEY

No. 11

RIVER HEIGHTS, 1896.—DAVIS

WASHINGTON
GOVERNMENT PRINTING OFFICE
1898

UNITED STATES GEOLOGICAL SURVEY

CHARLES D. WALCOTT, DIRECTOR

RIVER HEIGHTS FOR 1896

BY

ARTHUR POWELL DAVIS



WASHINGTON
GOVERNMENT PRINTING OFFICE
1897

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LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
UNITED STATES GEOLOGICAL SURVEY,
DIVISION OF HYDROGRAPHY,
Washington, June 1, 1897.

SIR: I have the honor to transmit herewith a series of tables pertaining mainly to river heights, prepared by the Division of Hydrography of this Survey, and to recommend that it be published in the series of papers "in relation to the gauging of streams and to the methods of utilizing the water resources," the printing of which was authorized in the act making appropriations for sundry civil expenses of the Government for the fiscal year ending June 30, 1897, approved June 11, 1896.

Very respectfully,

F. H. NEWELL,
Hydrographer in Charge.

Hon. CHARLES D. WALCOTT,
Director United States Geological Survey.

RIVER HEIGHTS FOR 1896.

By ARTHUR P. DAVIS.

DAILY GAGE HEIGHTS OBSERVED DURING 1896.

The series of tables here presented pertain mainly to the river heights observed and recorded during 1896 by persons employed by or cooperating with the Division of Hydrography of this Survey. There are also included a few tables obtained from the Weather Bureau through the courtesy of Hon. Willis L. Moore, chief of that Bureau. These give the heights of water at points near localities where measurements have been made by hydrographers of this Survey, and are of value in computations of discharge. A few similar tables have been obtained through officers of the Engineer Corps of the United States Army, from observations made in connection with investigations pertaining to the improvement of navigation. There are appended tables of evaporation, seepage, meter ratings, and other similar details to which reference is made by hydrographers of this Survey.

These tables pertain to the progress report of stream measurements for 1896, prepared by the Division of Hydrography and printed in Part IV of the Eighteenth Annual Report of the Survey. They might properly have been included in the progress report, but since they relate to minor details and have a comparatively limited application, it has been thought best, from considerations of economy and from the necessity of reducing the size of the annual report, to include these in a separate publication of more limited distribution. On the other hand, these data should be printed and thus made available for the use of hydrographers, not only those connected with this Survey, but others occupied in similar examinations throughout the country.

Patapsco River at Woodstock, Maryland.

Day.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	Aug.	Sept.	Oct.	Nov.	Dec.
1		3.55	3.85	3.70	4.05	17	3.70	3.60	3.70		3.65
2		3.50	3.65	3.70	4.00	18	3.70	3.60	3.70		3.70
3		3.45	3.60	3.70	3.95	19	3.70	3.60	3.65	3.90	3.65
4		3.50	3.60	3.75	3.75	20	3.65	3.60	3.65	3.70	3.45
5		3.65	3.65	3.90	3.75	21	3.55	3.70	3.70	3.65	3.65
6	3.60	3.85	3.65	4.10	3.85	22	3.35	3.20	3.70	3.70	3.65
7	3.70	3.85	3.65	3.95	3.90	23	3.40	3.60	3.70	3.75	3.65
8	3.60	3.60	3.50	3.85	3.70	24	3.65	3.50	3.65	3.70	3.60
9	3.50	3.55	3.70	4.10	3.75	25	3.65	3.55	3.75	3.65	3.50
10	3.80	3.50	3.65	4.00	3.75	26	3.55	3.50	3.80	3.50	3.65
11	3.60	3.50	3.70	3.85	3.70	27	3.70	3.55	3.70	3.65	3.65
12	3.70	3.50	3.85	3.80	3.70	28	3.50	3.50	3.70	3.65	3.85
13	3.85	3.45	3.95	3.80	3.70	29	3.40	3.60	3.70	4.90	3.85
14	3.85	3.55	3.80	3.80	3.75	30	3.55	3.40	3.70	4.20	3.50
15	3.75	3.55	3.75	3.80	3.65	31	3.35		3.70		3.75
16	3.70	3.65	3.65	4.00	3.65						

Patuxent River at Laurel, Maryland.

Day.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	Aug.	Sept.	Oct.	Nov.	Dec.
1		4.20	4.75	3.15	4.75	17	4.60	4.50	3.80	4.50	4.40
2		4.00	4.30	4.35	4.85	18	4.00	3.75	3.10	4.40	4.55
3		4.30	4.00	3.80	4.05	19	4.10	4.35	3.85	4.50	4.40
4	4.30	3.50	3.20	4.40	4.70	20	4.60	5.10	3.90	4.50	3.20
5	4.10	4.20	3.95	4.60	4.75	21	4.60	3.90	4.45	4.50	4.60
6	4.20	4.50	3.75	4.65	3.95	22	4.40	3.75	4.30	3.00	4.50
7	4.00	4.00	3.80	4.80	4.85	23	3.60	3.65	4.45	4.65	4.30
8	4.00	3.30	3.75	3.25	4.75	24	4.40	3.80	4.40	4.30	3.85
9	3.50	3.30	3.75	4.80	4.75	25	4.60	3.70	3.25	4.30	4.15
10	3.90	4.30	3.80	4.45	4.70	26	4.60	3.80	4.60	3.15	4.25
11	4.30	2.30	3.10	4.70	4.55	27	4.50	3.05	4.55	4.55	4.05
12	4.10	4.50	3.90	4.50	4.65	28	4.50	3.70	4.15	4.20	4.25
13	4.10	2.20	3.80	4.60	3.85	29	4.40	3.70	3.95	5.50	4.70
14	4.30	2.90	3.90	4.45	4.60	30	4.70	4.85	4.10	5.00	4.65
15	4.50	4.50	3.80	3.55	4.65	31	2.70		3.95		4.90
16	3.60	4.70	3.80	4.60	4.60						

Potomac River at Cumberland, Maryland.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.90	4.60	3.90	5.00	4.50	3.60	3.10	3.80	2.60	5.50	3.10	3.70
2	2.90	4.80	3.70	4.80	4.50	3.50	3.10	3.80	2.70	4.50	3.10	3.50
3	3.00	4.00	3.00	4.40	4.50	3.40	3.10	3.80	2.70	4.50	3.10	3.40
4	2.90	3.80	3.30	4.20	4.50	3.50	3.10	3.70	2.70	3.50	3.20	3.30
5	2.90	3.80	3.10	3.80	3.40	3.30	3.10	3.30	2.70	3.40	3.20	3.30
6	2.90	3.80	3.10	3.80	3.30	3.30	2.90	3.30	2.80	3.30	5.50	3.30
7	2.90	4.50	3.10	3.70	3.10	3.80	2.90	3.20	2.90	3.10	4.50	3.30
8	2.90	3.90	3.60	3.70	3.00	3.70	2.90	3.20	2.90	3.10	3.80	3.20
9	2.90	3.00	3.40	3.70	3.00	3.40	3.10	3.40	2.90	3.10	3.80	3.30
10	2.90	3.40	3.30	3.70	3.00	3.40	3.70	3.40	2.90	3.00	3.70	3.30
11	2.90	3.10	3.30	3.70	2.90	3.40	3.40	3.30	2.80	3.00	3.60	3.40
12	3.00	3.30	3.40	4.30	2.90	3.40	3.30	3.30	2.70	3.10	3.50	3.60
13	3.00	4.90	3.10	4.30	3.50	3.20	3.10	3.10	2.90	3.10	3.50	3.40
14	3.00	4.10	3.10	4.10	3.50	3.20	3.00	3.60	3.00	3.00	3.40	3.30
15	3.00	3.80	3.10	3.90	3.30	3.30	3.00	3.50	3.10	3.00	3.20	3.30
16	3.00	3.80	3.20	3.80	3.20	3.30	3.00	3.30	3.50	3.00	3.10	3.30
17	3.00	3.50	3.30	3.80	3.10	3.70	3.00	3.10	3.00	3.00	3.10	3.30
18	3.00	3.50	3.30	3.70	3.40	4.10	3.30	3.00	3.00	3.00	3.20	3.30
19	2.90	3.20	3.50	3.50	3.50	3.70	3.10	2.90	3.00	2.90	3.30	3.30
20	2.90	3.20	3.60	3.50	3.80	3.60	3.10	2.90	2.90	2.90	3.30	3.30
21	3.00	3.20	3.70	3.50	3.80	3.30	3.30	3.00	3.00	3.10	3.20	3.20
22	3.00	3.20	3.70	3.50	3.60	3.30	4.00	3.00	3.10	3.10	3.30	3.20
23	3.00	3.30	4.00	3.30	3.40	3.20	4.70	3.00	3.10	3.10	3.30	3.20
24	3.10	3.10	3.90	3.40	3.40	3.50	4.60	3.20	3.00	3.30	3.40	3.20
25	3.50	3.30	3.70	3.50	3.50	3.50	10.00	3.00	3.00	3.70	3.30	3.20
26	3.30	3.30	4.00	3.50	3.50	3.60	6.50	2.90	3.00	3.50	3.30	3.20
27	3.10	3.30	5.00	3.50	4.00	3.50	4.70	2.90	3.00	3.20	3.20	3.10
28	3.00	3.20	4.50	3.50	3.70	3.30	4.90	2.90	2.90	3.20	3.20	3.10
29	3.00	3.70	5.80	3.50	4.10	3.30	4.50	2.90	2.90	3.10	3.90	3.10
30	3.70		8.00	3.40	4.00	3.20	4.50	2.90	10.00	3.10	4.00	3.10
31	4.20		6.00		3.80		4.50			3.10		3.20

North River at Port Republic, Virginia.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	3.00	2.50	2.60	5.40	2.32	2.42	2.80	2.43	2.00	7.50	2.35	4.40
2.....	2.70	2.50	2.60	5.00	2.52	2.32	2.70	2.43	1.95	4.50	2.35	3.50
3.....	2.50	2.80	2.60	4.60	2.52	2.32	2.70	2.55	1.90	4.00	2.35	3.30
4.....	2.40	3.80	2.60	4.20	3.32	2.22	2.60	2.45	1.90	3.50	2.35	3.30
5.....	2.40	3.80	2.60	4.00	3.32	2.20	2.60	2.40	1.90	3.30	4.70	3.25
6.....	2.40	5.00	2.50	3.60	3.32	2.20	2.80	2.40	1.85	3.20	6.00	3.10
7.....	2.40	5.70	2.50	3.50	3.12	4.50	2.80	2.30	1.85	3.10	4.30	3.05
8.....	2.30	4.50	2.50	3.50	2.92	3.00	2.80	2.30	1.80	3.00	3.60	2.90
9.....	2.30	4.10	2.50	3.40	2.72	2.60	7.50	2.30	1.80	2.90	3.30	2.80
10.....	2.30	3.70	2.50	3.30	2.72	2.50	5.30	2.25	1.75	2.80	3.30	2.70
11.....	2.30	3.50	2.40	3.30	2.72	2.30	3.90	2.20	1.70	2.65	3.20	2.65
12.....	2.30	3.30	2.40	3.20	2.62	2.30	3.60	2.20	1.70	2.55	3.00	2.60
13.....	2.30	3.30	2.40	3.20	2.52	2.20	3.30	2.20	1.70	2.50	2.80	2.55
14.....	2.20	5.20	2.40	3.00	5.82	2.20	3.00	3.60	1.70	2.50	2.80	2.55
15.....	2.20	4.70	2.60	3.00	3.82	2.20	3.30	2.70	2.00	2.50	2.70	2.50
16.....	2.10	3.80	2.60	(a)	3.22	2.20	3.00	2.70	1.90	2.50	2.70	2.50
17.....	2.10	3.60	2.80	.....	3.02	2.50	3.10	3.00	1.80	2.50	2.65	2.45
18.....	2.00	3.10	3.20	.....	2.82	2.40	2.70	2.40	1.80	2.45	2.65	2.45
19.....	2.00	3.00	4.80	.....	2.62	2.40	2.70	2.30	1.80	2.45	2.60	2.45
20.....	4.00	2.70	7.20	.....	2.62	3.30	2.70	2.25	1.70	2.40	2.60	2.45
21.....	2.00	2.70	5.00	.....	2.62	3.00	2.60	2.25	1.70	2.40	2.55	2.45
22.....	2.00	2.70	4.80	.....	2.62	2.90	2.50	2.25	1.70	2.35	2.50	2.45
23.....	2.10	2.70	4.00	.....	2.62	2.50	2.50	2.20	1.70	2.35	2.50	2.45
24.....	6.15	2.70	3.80	.....	2.52	2.40	2.50	2.20	1.65	2.35	2.45	2.45
25.....	5.30	2.70	3.50	.....	2.52	2.40	3.00	2.40	1.65	2.35	2.40	2.40
26.....	4.00	2.60	3.50	.....	2.52	3.20	2.70	2.20	1.65	2.35	2.40	2.40
27.....	3.30	2.60	3.50	.....	2.52	3.00	2.70	2.20	1.65	.....	2.35	2.40
28.....	3.00	2.60	3.50	b 2.22	2.42	3.00	2.60	2.15	1.65	2.35	2.35	2.40
29.....	2.80	2.60	4.40	2.22	2.42	2.90	2.60	2.15	7.21	2.35	3.00	2.40
30.....	2.60	.....	6.50	2.22	2.42	2.90	2.50	2.10	18.00	2.35	5.50	2.40
31.....	2.50	.....	5.90	.....	2.42	.....	2.45	2.10	.....	2.35	.....	2.35

a Gage carried away.*b* New gage.*South River at Port Republic, Virginia.*

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	1.80	2.00	2.00	3.20	1.70	1.60	1.80	1.50	1.40	5.00	1.60	2.70
2.....	1.80	2.00	2.00	3.00	1.70	1.50	1.80	1.50	1.40	3.30	1.60	2.55
3.....	1.80	2.30	2.00	2.80	2.20	1.50	1.70	1.50	1.40	3.00	1.60	2.40
4.....	1.70	2.50	2.00	2.70	2.20	1.50	1.60	1.50	1.40	2.75	1.60	2.40
5.....	1.60	2.50	2.00	2.50	2.20	1.50	1.60	1.50	1.40	2.40	4.10	2.35
6.....	1.50	3.15	1.90	2.50	2.20	1.50	1.70	1.45	1.40	2.30	3.50	2.10
7.....	1.40	3.60	1.90	2.40	2.10	2.50	1.70	1.45	1.40	2.30	3.00	2.10
8.....	1.40	3.10	1.90	2.30	2.00	2.50	1.70	1.40	1.40	2.20	2.60	2.00
9.....	1.30	3.10	1.90	2.30	1.90	2.50	4.80	1.40	1.40	2.10	2.40	1.90
10.....	1.30	2.70	1.90	2.20	1.90	2.00	3.20	1.40	1.40	2.00	2.30	1.80
11.....	1.30	2.50	1.85	2.20	1.90	1.80	2.70	1.40	1.40	2.00	2.15	1.70
12.....	1.30	2.30	1.85	2.20	1.80	1.80	2.50	1.40	1.40	1.95	2.15	1.60
13.....	1.30	2.30	1.85	2.20	1.70	1.70	2.40	1.40	1.35	1.95	2.10	1.50
14.....	1.20	2.80	1.85	2.15	3.00	1.60	2.30	2.00	1.35	1.90	2.10	1.50
15.....	1.20	2.70	2.00	2.15	2.00	1.60	2.30	1.60	1.35	1.85	2.00	1.50
16.....	1.20	2.50	2.00	2.10	1.80	1.60	2.00	1.60	1.35	1.85	2.00	1.45
17.....	1.20	2.40	2.20	2.00	1.80	2.50	2.00	1.60	1.35	1.85	1.90	1.45
18.....	1.20	2.30	2.20	2.00	1.70	2.20	1.70	1.50	1.35	1.85	1.90	1.45
19.....	1.20	2.30	2.80	1.90	1.60	2.20	1.80	1.50	1.35	1.85	1.85	1.45
20.....	1.20	2.20	4.30	1.90	1.60	2.50	1.80	1.50	1.35	1.80	1.85	1.45
21.....	1.20	2.20	3.00	1.90	1.60	2.00	1.70	1.50	1.35	1.75	1.80	1.45
22.....	1.20	2.20	2.60	1.80	1.60	2.00	1.70	1.50	1.30	1.70	1.80	1.45
23.....	1.30	2.10	2.60	1.80	1.60	1.80	1.70	1.50	1.30	1.65	1.80	1.45
24.....	4.90	2.10	2.50	1.80	1.60	1.70	1.70	1.50	1.25	1.65	1.80	1.45
25.....	3.60	2.10	2.50	2.00	1.60	1.70	1.70	1.65	1.25	1.65	1.75	1.45
26.....	3.00	2.00	2.40	2.00	1.60	2.00	1.70	1.50	1.25	1.65	1.70	1.45
27.....	2.70	2.00	2.40	1.90	1.60	2.00	1.70	1.50	1.25	.....	1.65	1.45
28.....	2.40	2.00	2.40	1.80	1.60	2.00	1.70	1.50	1.25	1.60	1.65	1.45
29.....	2.30	2.00	2.50	1.75	1.60	1.90	1.60	1.50	9.60	1.60	2.00	1.45
30.....	2.20	.....	3.30	1.70	1.60	1.90	1.60	1.45	17.00	1.60	3.10	1.45
31.....	2.10	.....	3.20	.....	1.60	.....	1.50	1.45	.....	1.60	.....	1.45

Shenandoah River at Millville, West Virginia.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	1.30	1.40	2.60	4.60	1.40	0.90	1.60	1.30	0.70	19.72	0.90	2.60
2.....	1.90	1.60	2.40	4.20	1.40	.90	1.60	1.20	.60	10.00	.90	3.80
3.....	1.80	1.80	2.30	3.80	1.50	.90	1.50	1.10	.60	5.60	.90	3.10
4.....	1.80	2.00	2.00	3.60	1.70	.90	1.50	1.00	.60	4.00	.90	2.60
5.....	1.70	2.60	1.70	3.20	1.80	.90	1.50	1.00	.60	3.40	1.00	2.00
6.....	1.60	2.90	1.50	2.80	1.90	.80	1.50	1.00	.60	2.80	1.10	2.00
7.....	1.60	3.80	1.40	2.60	2.40	1.00	1.60	1.10	.50	2.10	3.20	2.00
8.....	1.60	5.60	1.50	2.60	2.20	1.40	1.60	1.10	.50	2.00	2.70	2.00
9.....	1.40	4.10	1.50	2.00	2.00	1.90	3.15	1.00	.50	1.90	2.40	2.00
10.....	1.30	3.70	1.50	2.00	2.00	2.70	4.65	1.00	.50	1.80	2.10	2.00
11.....	1.30	3.20	1.50	2.00	1.90	2.80	3.60	1.00	.60	1.80	1.90	1.90
12.....	1.20	2.90	1.40	2.00	1.70	2.40	2.50	1.40	.60	1.60	1.90	1.90
13.....	1.20	2.50	1.40	2.00	1.70	1.60	2.20	1.60	.60	1.40	1.90	1.80
14.....	1.00	2.40	1.40	1.90	1.60	1.60	2.20	1.50	.60	1.40	1.90	1.80
15.....	1.00	3.80	1.50	1.70	2.40	1.90	2.20	1.40	.60	1.40	1.90	1.70
16.....	1.00	3.50	1.50	1.70	3.00	1.90	2.20	1.40	.60	1.40	1.80	1.70
17.....	1.00	3.00	1.60	1.60	2.50	1.80	2.10	1.70	.60	1.30	1.70	1.70
18.....	1.00	2.70	3.00	1.60	2.40	1.90	2.00	1.56	.60	1.30	1.60	1.70
19.....	1.00	2.00	4.20	1.60	2.40	2.20	2.00	1.30	.60	1.30	1.60	1.70
20.....	1.00	2.40	4.60	1.50	2.20	2.00	1.80	1.20	.80	1.20	1.50	1.60
21.....	.90	2.40	5.50	1.50	1.80	1.90	1.60	1.20	.80	1.10	1.50	1.50
22.....	.90	2.30	4.60	1.50	1.60	2.00	1.50	1.20	.80	1.10	1.50	1.50
23.....	.90	2.20	4.00	1.50	1.50	2.20	4.10	1.00	.70	1.00	1.50	1.40
24.....	2.40	2.20	3.50	1.50	1.60	2.00	3.00	1.00	.60	1.00	1.50	1.40
25.....	5.10	1.80	3.00	1.50	1.50	1.90	3.30	1.00	.60	1.00	1.40	1.60
26.....	5.30	1.70	2.90	1.40	1.50	1.80	2.60	.90	.60	1.00	1.40	1.60
27.....	4.35	1.60	2.80	1.40	1.50	1.80	2.00	.90	.60	1.00	1.40	1.60
28.....	3.35	1.50	2.70	1.40	1.40	2.20	1.70	.80	.60	1.00	1.40	1.80
29.....	2.00	2.00	2.70	1.40	1.40	2.30	1.50	.80	.60	1.00	1.40	1.80
30.....	1.90	-----	2.60	1.40	1.40	1.90	1.40	.80	5.75	1.00	1.60	1.80
31.....	1.70	-----	4.60	-----	1.10	-----	1.30	.80	-----	.90	-----	1.80

Potomac River at Point of Rocks, Maryland.

Day.	Jan.	Feb.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	1.30	1.30	-----	1.10	1.60	2.00	0.50	21.85	0.80	2.00
2.....	1.20	1.20	-----	.80	1.40	2.20	.50	12.05	.80	3.00
3.....	1.30	1.30	-----	.60	1.20	2.50	.40	6.30	.70	2.80
4.....	1.40	1.80	-----	.50	1.10	2.00	.40	4.00	.70	2.30
5.....	.40	2.80	-----	.40	1.00	1.80	.40	3.00	.80	2.00
6.....	1.40	3.50	-----	.30	1.30	1.60	.50	2.40	6.00	1.80
7.....	1.30	6.80	-----	.60	1.20	1.40	.30	2.10	6.00	1.70
8.....	1.30	7.00	-----	.60	1.60	1.20	.30	1.80	5.10	1.70
9.....	1.30	5.00	-----	1.60	1.90	1.10	.30	1.50	3.80	1.60
10.....	1.30	3.80	-----	2.00	2.50	1.20	.30	1.30	3.00	1.50
11.....	1.00	3.90	0.80	2.20	4.00	1.10	.40	1.20	2.50	1.70
12.....	.80	2.80	.70	1.70	3.80	1.00	.30	1.10	2.20	1.70
13.....	.70	2.40	.60	1.40	2.70	1.00	.30	1.10	1.90	1.60
14.....	.60	2.30	.60	1.10	2.30	1.10	.30	1.00	1.70	1.50
15.....	.50	2.70	.50	1.00	2.30	1.10	.30	1.00	1.50	1.40
16.....	.50	3.90	1.60	1.10	1.60	1.10	.80	1.00	1.50	1.30
17.....	.50	3.50	1.10	1.20	1.50	1.20	.50	1.00	1.40	1.20
18.....	.40	2.90	1.00	3.40	1.40	1.00	.40	1.00	1.30	1.10
19.....	.30	2.30	.80	3.20	1.40	.80	.40	.90	1.20	1.00
20.....	.30	1.30	.60	2.70	1.30	.70	.70	.90	1.10	1.00
21.....	.30	.90	.60	2.20	1.20	.60	.40	.80	1.00	1.00
22.....	.50	1.10	.70	1.80	1.10	.60	.50	.80	1.00	1.00
23.....	.60	1.50	1.00	1.80	1.20	.60	.40	.80	1.00	1.00
24.....	2.30	1.50	1.30	1.80	1.60	.60	.40	.70	1.00	1.00
25.....	4.90	1.60	.90	1.60	3.30	.60	.30	.70	.90	1.00
26.....	4.80	1.40	.80	1.70	8.70	.50	.40	.90	.80	1.10
27.....	3.70	1.30	.70	1.90	6.00	.50	.40	1.00	.90	1.00
28.....	2.90	1.20	.60	2.30	3.30	.50	.30	.90	1.00	.70
29.....	2.10	1.80	.80	2.00	2.70	.60	.40	.90	1.00	.70
30.....	1.60	-----	1.00	1.80	2.80	.60	5.30	.80	1.20	.80
31.....	1.40	-----	1.60	-----	2.40	.50	-----	.80	-----	.90

Monocacy River at Frederick, Maryland.

Day.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	Aug.	Sept.	Oct.	Nov.	Dec.
1		3.60	4.80	3.90	4.80	17	3.80	3.90	4.00	4.20	4.00
2		3.60	4.40	4.00	4.50	18	4.40	3.90	3.90	4.20	4.00
3		3.60	4.10	4.00	4.50	19	4.15	4.00	3.90	4.20	4.00
4	4.10	3.60	4.00	4.00	4.30	20	3.90	4.00	3.80	4.20	4.00
5	4.10	3.60	3.90	5.45	4.30	21	3.90	4.00	3.90	4.20	4.00
6	4.00	3.70	3.90	7.50	4.10	22	3.90	3.90	3.90	4.00	3.90
7	4.00	3.80	3.90	5.00	4.10	23	3.80	3.90	3.90	4.00	3.90
8	3.90	3.90	3.90	4.50	4.10	24	3.70	3.80	3.90	4.00	4.10
9	3.90	3.90	3.90	4.50	4.20	25	3.70	3.90	3.90	4.00	4.20
10	3.90	3.90	3.90	4.80	4.20	26	3.90	3.80	3.90	4.00	4.10
11	3.80	3.70	3.80	4.50	4.30	27	3.90	3.80	3.90	4.00	4.10
12	3.90	3.70	3.80	4.50	4.20	28	3.80	3.80	3.90	4.00	4.10
13	3.90	3.70	3.90	4.30	4.10	29	3.70	3.80	3.90	4.35	4.00
14	3.90	3.70	4.20	4.30	4.10	30	3.60	5.00	3.90	5.20	4.00
15	3.90	3.70	4.10	4.20	4.10	31	3.70		3.90		4.20
16	3.80	3.75	4.10	4.20	4.10						

a New gage.

North River at Glasgow, Virginia.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.50	1.80	1.90	5.25		1.40	1.50	1.55	1.42	5.03	1.59	4.13
2	2.05	1.50	1.80			1.33	1.36	3.35	1.38	3.70	1.60	3.42
3	1.85	3.50	1.80	3.00		1.25	1.32	2.24	1.40	2.90	1.60	2.50
4	(a)	2.80	1.76			1.30	1.50	1.90	1.46	2.70	1.60	2.50
5	1.33	(a)	1.72		2.33	1.28	1.60	1.76	1.35	2.60	4.75	
6	1.35	4.20	1.68	2.76	2.12	1.23	1.40	1.54	1.35	2.40	4.85	2.40
7	(a)	4.15	1.63	2.60	1.97	1.23	3.22	1.62	1.38	2.30	3.35	2.30
8	1.37	4.35	1.62	2.40	1.86	1.24	(a)	1.50	1.35	2.15	2.90	2.20
9	1.40		1.62	2.37	1.84	2.20	8.45	1.44	1.33	2.08	2.65	2.15
10	1.30	3.85	1.60		1.84	1.95	4.45	1.36	1.30	2.00	2.42	2.11
11	1.25	2.60	(a)			1.60	3.50	1.32	1.28	1.96	2.30	2.01
12	1.22	2.50	1.66			1.42		1.30	1.26	1.90	2.21	1.94
13	1.20	2.40	1.60		3.40	1.35	2.78	1.50		1.90	2.22	
14	1.20	4.40	1.58	2.02	2.50	1.96	2.40			1.88	2.11	1.90
15	1.18	4.00	1.60		2.25	1.55	2.26	2.00		1.82	2.02	1.90
16	1.15	3.05	2.85	1.94	1.82	1.50	2.20	1.72		1.82	2.05	1.84
17	1.12	2.50	4.93			1.40	2.52		1.00	1.80	2.01	1.80
18	1.12	2.25	3.65	1.90		1.50	2.00	1.72	1.00	1.75	2.02	1.80
19	1.15	2.24	4.20	1.87		1.62	1.82	1.60	1.00	1.71	2.00	1.78
20	1.19	2.14	5.25		2.08	1.96	1.75	1.52	.98	1.70	2.01	1.75
21	1.17	2.05	4.00		2.00	(a)	1.72	1.48	.95	1.71	1.95	1.70
22	1.12	1.95	3.12	1.80	1.74	1.46	1.65	1.40	.95	1.68		1.70
23	(a)	1.90	(a)		1.82	2.08	2.25	2.37	.96	1.70		1.65
24	4.95	1.86	2.90	1.77	1.61	1.47	1.83	1.54	.90	1.70		1.60
25	3.76	1.80	2.80		1.60	1.47	1.80	2.25	.90	1.63	1.67	1.58
26	2.88	1.75	2.77	1.75	1.61	2.26	1.67	1.82	.93	1.67		1.56
27	2.42	1.70	2.61		1.59	2.58	1.60	1.70	.91	1.60		1.56
28	2.20	1.70	2.51		1.63	2.00	1.50	1.60	.90	1.63		1.60
29	2.00	1.90	3.05		1.61	1.74	1.50	1.50	4.04	1.63		1.60
30	1.90		6.72		1.56	1.61	1.60		16.09	1.62	5.60	1.50
31	1.80		5.41		1.45		1.90	1.42		1.62		1.55

a No observation.

Roanoke River at Roanoke, Virginia.

Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.80	0.70	1.95	0.75	2.00		17	1.55	0.80	0.60	0.75	1.40	0.90
2	.90	.65	1.70	.75	1.90		18	1.50	.69	.59	.75	1.30	.95
3	.90	.60	1.40	.75	1.90		19	1.45	.62	.50	.75	1.22	.90
4	.90	.72	1.10	.75	.85		20	1.40	.62	.55	.75	1.10	.85
5	.90	.78	1.00	2.60	.82		21	1.40	.60	.60	.75	1.00	.85
6	.85	.80	.95	2.10	.82		22	1.38	.65	.55	.75	.90	.85
7	.70	.75	.90	1.95	.80		23	1.50	.75	.50	.75	.85	.82
8	.70	.70	.85	1.95	.80		24	1.33	1.03	.50	.75	.85	.82
9	.70	.70	.85	1.90	.78		25	1.30	.99	.45	.75	.80	.80
10	3.53	.70	.55	.80	1.85	.78	26	1.25	.81	.50	.75	.75	.80
11	2.80	.90	.50	.80	1.82	.76	27	1.20	.75	.50	.75	1.00	.80
12	2.20	.80	.60	.75	1.80	.75	28	1.20	.75	.55	.75	1.30	.80
13	1.95	.70	.50	.80	1.70	.75	29	1.18	.75	1.33	.75	2.80	.80
14	1.75	.75	.55	.85	1.65	.75	30	.75	.60	3.40	.75	2.45	.75
15	1.63	.80	.52	.80	1.50	.75	31	.85	.75		.75		.75
16	1.53	.74	.65	.75	1.45	.75							

James River at Buchanan, Virginia.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	-----	1.30	1.30	7.85	—0.60	0.60	0.60	1.00	0.10	5.30	—0.20	4.40
2.....	-----	1.30	1.30	7.65	— .60	.60	.40	1.50	.00	2.60	— .20	3.15
3.....	-----	3.25	1.30	5.05	+1.30	.50	.30	1.30	— .10	1.65	— .20	2.40
4.....	-----	5.60	1.30	3.85	1.55	.50	.30	1.05	— .10	1.25	— .20	1.85
5.....	-----	3.90	1.30	2.90	1.05	.35	.30	.90	— .20	.85	+4.10	1.65
6.....	-----	3.80	1.30	2.40	.70	.10	.30	.50	— .20	.65	7.20	1.50
7.....	-----	6.05	1.30	2.15	.70	.10	.85	.35	— .20	.50	3.20	1.40
8.....	-----	4.35	1.30	1.85	.60	.90	1.00	.40	— .20	.50	2.35	1.25
9.....	-----	3.60	1.30	1.65	.50	1.30	10.25	.25	.30	.40	1.70	1.20
10.....	-----	3.50	1.30	1.35	.30	1.10	6.85	.90	— .30	.30	1.40	1.10
11.....	-----	2.95	1.30	1.30	.30	1.05	3.55	.55	— .30	.30	1.15	1.00
12.....	-----	2.30	1.30	.50	.20	.70	2.40	.20	.30	.15	.90	.90
13.....	-----	2.05	1.60	.40	.20	.45	2.45	.10	— .30	.10	.80	.90
14.....	-----	3.90	1.60	.15	.10	.35	1.90	.10	— .30	.10	.80	.80
15.....	-----	4.30	1.60	.10	.10	.30	1.40	.45	— .30	.10	.80	.70
16.....	-----	3.30	1.60	.10	.10	.30	1.10	.60	— .30	.10	.70	.60
17.....	-----	2.90	5.95	.10	.00	.30	1.00	.25	— .30	.10	.70	.50
18.....	-----	2.30	5.45	— .45	.00	.30	.90	.15	.30	.10	.60	.50
19.....	-----	2.00	4.50	— .20	.00	.35	.80	.10	— .30	.00	.60	.50
20.....	-----	2.00	6.25	+ .05	.00	.70	.55	.10	— .30	.00	.50	.50
21.....	-----	2.00	5.05	.10	.85	.65	.40	— .10	— .30	.00	.50	.40
22.....	-----	2.00	3.80	.10	1.15	.45	.40	+ .50	— .30	— .10	.40	.40
23.....	-----	2.00	3.25	.10	.80	.30	.75	.45	— .30	.10	.40	.40
24.....	-----	1.60	3.75	.10	.90	.20	.55	.20	.30	.20	.40	.40
25.....	4.80	1.35	3.90	.10	.90	.20	.40	.20	— .30	.20	.40	.40
26.....	3.40	1.30	3.55	— .30	.75	1.80	.30	.35	.30	.20	.40	.30
27.....	2.60	1.30	3.46	— .60	.65	2.05	.20	.20	— .30	.20	.40	.30
28.....	2.00	1.30	3.40	— .60	.75	1.45	.20	.20	— .30	.20	.30	.20
29.....	1.65	1.30	3.55	— .60	.70	1.15	.20	.20	— .30	.20	1.30	.20
30.....	1.50	-----	9.45	— .60	.60	1.85	.70	.20	12.30	— .20	5.35	.20
31.....	1.30	-----	8.80	-----	.60	-----	.70	.10	-----	-----	-----	.20

Dan River at Clarksville, Virginia.

Day..	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	-----	-----	9.47	2.62	1.22	1.02	0.92	0.42	7.92	0.97	3.53
2.....	-----	-----	10.37	3.67	1.17	.92	.87	.40	8.97	1.02	4.82
3.....	-----	-----	9.52	4.42	1.07	.87	.82	.52	3.47	1.04	3.65
4.....	-----	-----	5.77	3.47	.97	.82	.77	1.37	1.72	1.47	2.55
5.....	-----	-----	3.99	2.38	1.47	.87	.75	1.52	1.47	2.62	2.17
6.....	-----	-----	3.37	2.26	2.12	1.02	.72	.97	1.32	6.92	2.05
7.....	8.95	-----	3.32	2.12	1.97	4.02	.70	2.97	1.25	4.97	1.97
8.....	7.42	-----	2.97	1.97	1.47	6.02	.67	1.82	1.17	2.47	1.89
9.....	5.75	-----	2.77	1.82	1.47	9.12	.65	1.47	1.07	2.17	1.80
10.....	5.42	-----	2.52	1.72	1.97	13.97	.65	.97	1.02	1.77	1.72
11.....	4.40	-----	2.51	1.67	1.82	14.07	.87	.82	1.02	1.57	1.62
12.....	3.42	-----	2.50	1.62	1.72	8.87	1.65	.62	.97	1.47	1.56
13.....	2.92	-----	2.45	1.57	1.67	5.62	1.77	.57	.95	1.57	1.51
14.....	3.70	-----	2.22	1.54	1.62	3.22	1.92	.55	.95	1.52	1.43
15.....	3.47	1.90	2.17	1.47	1.62	2.67	1.97	.57	1.02	1.50	1.53
16.....	3.32	1.87	2.12	1.02	1.60	2.47	2.12	.57	.97	1.48	1.72
17.....	2.97	2.45	2.07	.97	1.57	2.39	1.47	.62	.96	1.48	2.15
18.....	2.40	2.68	2.02	1.02	1.47	2.27	.97	.59	.92	1.25	1.97
19.....	2.22	2.80	1.97	1.12	1.37	2.17	.72	.57	.87	1.22	1.72
20.....	2.07	4.09	1.92	1.62	1.32	2.03	.67	.67	.87	1.19	1.65
21.....	1.92	4.52	1.85	2.18	1.47	1.85	.65	.92	.55	1.16	1.59
22.....	1.77	3.32	1.90	3.07	1.57	1.79	.62	1.47	.82	1.16	1.52
23.....	1.97	2.72	1.90	4.37	1.72	1.70	.62	1.75	.89	1.15	1.45
24.....	2.10	2.49	1.82	3.17	2.47	1.57	.62	.72	.92	1.14	1.39
25.....	2.17	2.72	1.90	2.17	3.02	1.42	.59	.57	.97	1.13	1.35
26.....	2.07	2.80	2.47	1.50	3.53	1.35	.67	.52	.94	1.12	1.31
27.....	1.96	2.47	2.40	2.32	3.67	1.17	.77	.47	.92	1.11	1.29
28.....	1.99	2.27	2.00	2.97	2.67	1.12	.62	.45	.92	1.10	1.27
29.....	2.17	2.27	1.90	2.32	2.02	1.07	.57	1.72	.92	1.32	1.24
30.....	-----	3.39	1.77	1.82	1.52	1.02	.47	5.47	.91	2.02	1.22
31.....	-----	7.89	-----	1.27	-----	.97	.42	-----	.94	-----	1.22

Staunton River at Clarksville, Virginia.

Day.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1			8.94	2.00	0.69	0.49	0.39	-0.11	7.45	0.44	3.01
2			9.84	3.14	.64	.39	.34	- .11	8.50	.49	4.31
3			8.99	3.80	.54	.34	.29	.01	2.96	.51	3.14
4			5.24	2.04	.44	.29	.24	+ .84	1.20	.94	2.03
5			3.46	1.85	.44	.34	.22	.99	.94	2.10	1.65
6			2.84	1.73	1.59	.49	.19	.44	.79	6.42	1.53
7	8.42		2.79	1.59	1.44	4.54	.17	2.47	.72	2.37	1.45
8	6.89		2.44	1.44	.94	6.84	.14	1.50	.64	1.95	1.37
9	5.16		2.24	1.29	.94	10.54	.12	.94	.54	1.54	1.27
10	4.84		1.99	1.19	1.44	13.94	.12	.44	.49	1.24	1.19
11	3.85		1.86	1.14	1.29	13.44	.34	.29	.49	1.04	1.09
12	2.86		1.97	1.09	1.19	8.39	1.12	.09	.44	.94	1.03
13	2.37		1.92	1.04	1.14	5.14	1.24	.04	.42	1.04	.98
14	3.16		1.69	1.01	1.09	2.74	1.39	.02	.42	.99	.92
15	2.94	1.37	1.64	.94	1.09	2.06	1.44	.04	.49	.98	1.03
16	2.78	1.33	1.59	.49	1.07	1.94	1.64	.04	.44	.95	1.20
17	2.41	1.92	1.54	.44	1.04	1.86	.97	.09	.43	.94	1.63
18	1.86	2.15	1.49	.49	.94	1.74	.46	.06	.39	.72	1.35
19	1.68	2.27	1.44	.59	.84	1.64	.20	.04	.34	.69	1.20
20	1.53	3.56	1.39	1.09	.79	1.44	.14	.16	.34	.66	1.13
21	1.38	3.99	1.32	1.65	.94	1.32	.12	.40	.32	.63	1.07
22	1.33	2.79	1.37	2.59	1.04	1.26	.09	.96	.29	.63	.99
23	1.43	2.19	1.37	3.84	1.19	1.27	.09	1.24	.36	.62	.92
24	1.56	1.96	1.29	2.64	1.94	1.04	.09	.19	.39	.61	.86
25	1.64	2.19	1.37	1.64	2.49	.89	.06	.04	.44	.60	.82
26	1.54	2.27	1.94	.97	2.94	.82	.14	- .01	.41	.59	.78
27	1.43	1.96	1.86	1.79	3.14	.64	.24	-1.06	.39	.58	.76
28	1.46	1.72	1.47	2.44	1.14	.59	.09	- .08	.39	.57	.74
29	1.54	1.73	1.37	1.79	.49	.54	.04	+1.20	.39	.79	.71
30		2.86	1.24	1.29	- .01	.49	- .06	4.99	.38	1.50	.69
31		7.36		.74		.44	- .11		.41		.69

Roanoke River¹ at Clarksville, Virginia, for 1893.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.1		2.6	1.0	1.6	1.4	2.0	1.5	9.0	2.2	2.1	1.9
2	3.9		2.3	1.0	1.5	1.7	1.9	1.7	11.3	2.8	2.0	1.8
3	2.7		3.0	1.0	9.0	1.5	2.0	2.0	9.0	2.5	1.9	2.0
4	2.0		3.2	1.0	13.0	1.5	1.6	2.8	3.8	7.7	1.9	2.5
5	1.5		3.3	1.4	12.5	1.5	1.5	2.0	2.8	8.0	1.9	2.4
6	1.1		2.5	1.3	4.5	1.5	1.0	.8	1.9	4.5	1.8	2.4
7	1.1		2.2	1.2	4.2	1.6	.7	.5	1.5	2.6	1.8	2.3
8	1.0	1.8	2.0	1.1	2.8	1.4	.6	.4	1.5	2.2	2.0	2.3
9	1.0	1.6	2.2	1.0	2.5	1.0	.8	.2	1.4	1.9	1.9	2.2
10	1.0	4.5	2.0	1.0	2.2	.9	1.0	.1	3.0	1.7	1.8	2.0
11	1.0	7.4	2.0	1.0	2.0	.8	.6	.1	6.5	1.6	1.8	1.9
12	1.0	7.8	1.9	1.0	1.7	.7	.5	.1	9.0	1.5	1.7	1.8
13	1.0	9.0	1.8	1.0	1.6	.9	.4	.3	11.0	6.0	1.6	1.7
14	1.0	10.5	2.0	1.3	1.5	2.2	.4	.3	13.5	8.8	1.7	1.6
15	1.0	6.5	1.8	1.3	1.8	4.4	.4	.2	11.1	8.7	2.0	1.6
16	1.0	4.5	1.6	1.1	3.0	3.0	.4	.1	3.5	4.0	2.0	3.6
17	2.5	7.7	1.5	1.1	1.9	2.1	.3	.0	2.5	2.8	1.8	3.5
18	3.0	9.0	1.5	1.0	1.5	1.9	.5	.0	2.1	2.3	1.6	2.4
19		7.4	1.4	1.6	1.3	1.7	.5	.1	1.9	2.0	1.6	2.1
20		5.0	1.4	1.0	1.1	1.2	.3	.0	1.7	1.8	1.5	1.9
21		3.0	1.4	.9	1.1	1.0	.8	- .1	1.6	7.3	1.7	1.8
22		2.7	1.4	.9	1.1	1.0	.5	- .3	1.4	9.9	1.8	1.6
23		2.5	1.3	.9	1.1	1.6	.4	.0	1.4	10.1	1.8	1.6
24		2.2	1.3	.9	1.1	1.1	.3	+2.5	1.3	10.5	1.6	1.5
25		2.0	1.3	.9	1.0	.9	.2	1.0	1.2	5.8	1.5	1.5
26		1.9	1.3	1.0	1.0	.8	.1	.7	4.0	3.8	1.5	1.5
27		1.8	1.3	2.7	1.0	.8	.1	.6	3.5	3.3	1.6	1.4
28		2.4	1.2	2.8	1.9	.7	.1	5.0	2.6	3.0	3.2	1.4
29			1.2	2.3	2.8	1.3	0.0	9.0	1.8	2.7	3.0	1.4
30			1.2	2.0	2.1	2.6	- .1	11.0	1.5	2.4	2.2	2.1
31			1.2		1.6		+ .5	7.6		2.3		2.2

¹ Record kept by United States Weather Bureau.

Roanoke River¹ at Clarksville, Virginia, for 1894.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.
1.....	1.8	2.4	5.4	1.7	1.3	1.1	1.1	1.3
2.....	1.7	2.0	5.8	1.7	1.3	1.0	2.1	1.5
3.....	1.6	4.4	5.4	1.7	1.3	.9	2.0	1.7
4.....	1.5	7.0	4.0	1.6	2.0	.8	1.8	1.3
5.....	1.5	6.9	3.2	1.5	3.1	.8	1.0	1.2
6.....	1.8	3.4	3.0	1.5	3.4	.8	.9	.7
7.....	3.2	3.0	2.8	1.4	2.2	.8	1.2	.5
8.....	3.1	3.2	2.6	1.4	1.6	1.0	1.1	.3
9.....	2.8	3.5	2.4	1.4	1.4	1.0	.6	.3
10.....	2.7	3.4	2.3	2.0	1.3	.8	.4	.5
11.....	3.3	2.6	2.2	2.3	1.2	.7	.4	.7
12.....	3.0	4.0	2.1	2.0	1.3	.7	.3	1.1
13.....	2.5	6.2	2.0	1.7	1.3	.6	.3	1.0
14.....	2.1	6.2	1.9	1.5	1.2	.6	.2	.8
15.....	2.0	5.6	1.8	1.5	1.1	.6	.2	1.1
16.....	1.9	4.5	1.8	1.4	1.1	.5	.2	.9
17.....	1.8	3.5	2.0	1.4	1.1	.5	.2	.8
18.....	1.7	2.9	2.1	1.4	1.3	.6	0.0	.7
19.....	1.6	2.7	2.1	1.4	2.0	.7	—	.5
20.....	1.6	2.4	1.9	1.4	4.6	.9	—	.4
21.....	1.6	2.9	1.9	2.0	2.4	.8	+	.3
22.....	1.7	3.1	1.9	1.8	1.7	.7	.9	.2
23.....	1.7	2.8	1.8	1.5	1.5	.6	2.0	.1
24.....	1.7	2.4	1.9	1.4	1.5	.6	1.5	.1
25.....	1.6	2.4	2.0	1.3	1.4	.6	.9	.1
26.....	1.7	2.8	1.9	1.3	1.2	.5	.7	1.6
27.....	1.7	4.3	1.7	1.2	1.1	.5	.6	1.4
28.....	1.9	4.7	1.6	1.2	1.1	.6	.5	.7
29.....	4.0	-----	1.7	1.4	1.1	.7	.5	.5
30.....	4.1	-----	1.7	1.3	1.1	.9	1.1	.4
31.....	3.3	-----	1.6	-----	1.2	-----	1.3	.3

Roanoke River¹ at Clarksville, Virginia, for 1895.

Day.	Mar.	Apr.	May.	June.	July.	Aug.	Day.	Mar.	Apr.	May.	June.	July.	Aug.
1.....	4.0	1.7	5.9	1.5	2.5	0.8	17.....	2.5	3.0	2.0	1.3	1.6	1.0
2.....	6.7	1.8	4.7	1.4	3.5	.7	18.....	2.2	3.5	2.7	1.2	1.1	1.4
3.....	9.0	2.0	3.5	1.3	2.7	.7	19.....	2.1	2.8	2.1	1.1	.8	1.3
4.....	4.4	1.8	3.0	1.2	1.7	.6	20.....	4.0	2.0	2.2	1.1	.8	1.0
5.....	3.1	1.5	2.5	1.4	1.1	.6	21.....	5.9	1.9	3.0	.9	.9	1.4
6.....	2.5	1.5	2.2	1.7	.9	.9	22.....	4.3	1.8	4.2	.9	.9	1.2
7.....	3.2	3.9	2.4	2.0	.9	1.0	23.....	3.5	1.7	3.0	.9	1.3	1.0
8.....	4.7	8.7	2.7	1.3	.9	.9	24.....	3.1	1.6	2.5	.9	1.5	.7
9.....	3.3	9.6	2.1	1.2	1.0	.9	25.....	2.6	1.5	2.9	1.0	3.3	.6
10.....	2.5	4.5	1.9	1.2	1.1	1.4	26.....	2.5	1.5	5.0	1.2	4.4	.6
11.....	2.6	2.9	1.8	1.4	1.2	1.0	27.....	2.3	7.4	4.0	2.0	2.5	.7
12.....	2.7	2.6	2.6	1.6	1.0	.8	28.....	2.1	6.5	2.5	1.8	1.8	.6
13.....	3.1	2.5	2.2	1.7	.9	.9	29.....	1.9	7.7	2.1	1.5	1.0	.6
14.....	3.4	2.3	1.9	1.8	.9	.8	30.....	1.7	7.9	1.8	1.2	.9	.5
15.....	3.2	2.1	1.6	1.6	1.1	.7	31.....	1.6	-----	1.7	-----	.9	.5
16.....	2.9	2.0	1.5	1.4	2.4	.6							

¹ Record kept by United States Weather Bureau.

Roanoke River¹ at Clarksville, Virginia, for 1896.

Day.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.
1		2.0	9.0	3.8	1.3	0.8	0.7
2		1.5	9.1	3.7	1.0	.8	.7
3		1.3	4.5	3.3	.9	.7	.7
4		1.2	3.3	2.5	1.2	.7	.6
5		1.1	2.5	1.8	2.0	2.7	.6
6		1.0	2.3	1.5	1.5	4.3	.6
7	7.4	1.0	2.0	1.3	1.4	5.0	.5
8	7.5	1.0	1.9	1.2	1.3	8.0	.5
9	5.0	1.0	1.8	1.1	1.8	12.5	.5
10		1.0	1.8	1.0	1.5	13.8	.4
11		1.0	1.6	1.0	1.3	11.0	1.4
12		1.5	1.5	.9	1.2	5.5	.7
13		1.4	1.4	.9	1.5	4.0	.6
14		1.3	1.4	.8	1.3	2.7	.5
15		1.2	1.4	.8	1.2	2.4	.5
16		1.6	1.4	.8	1.3	2.2	2.0
17		1.7	1.3	.8	1.5	2.5	1.0
18		2.0	1.3	.8	1.4	1.8	.9
19		3.0	1.3	.8	1.2	1.4	.7
20		3.9	1.3	2.7	1.2	1.3	.5
21		2.7	1.2	3.5	1.1	1.2	.5
22		2.0	1.2	2.9	1.8	1.2	.5
23		1.8	1.2	2.5	1.6	1.0	.5
24		1.9	1.2	1.9	1.5	1.0	.5
25		1.9	2.0	1.5	1.9	1.0	.5
26		1.9	1.8	1.8	3.0	.9	.4
27		1.8	1.4	1.6	2.6	.9	.4
28		1.8	1.2	1.5	2.4	.8	.4
29		2.5	1.1	1.5	2.1	.8	.4
30		4.0	4.8	1.5	1.3	.8	.4
31		7.8		1.5		.8	.4

Roanoke River at Neal, North Carolina.

Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1		3.56	1.65	2.80	2.60	5.40	17		3.50	4.30	3.60	6.20	13.30
2		3.90	1.30	21.80	2.50	15.85	18		2.70	4.64	3.40	5.80	13.30
3		4.15	1.00	23.00	2.40	19.70	19		5.30	3.50	3.10	5.12	11.70
4		3.70	1.00	25.10	2.40	17.70	20		5.20	2.50	2.90	4.70	10.00
5		3.40	1.24	24.20	2.90	14.80	21		3.90	2.80	2.70	4.40	8.80
6		3.00	1.30	20.80	3.10	12.50	22		2.90	2.60	2.50	4.20	7.80
7		2.90	1.30	17.00	17.00	11.00	23		2.40	2.80	2.40	4.00	7.00
8		2.80	5.05	13.70	20.30	10.30	24		2.00	3.30	2.50	3.80	6.40
9		2.50	8.90	11.10	18.50	9.90	25		2.03	3.30	2.60	3.70	5.90
10		2.20	7.30	8.90	14.90	9.20	26		2.25	2.60	2.60	3.60	5.40
11		2.10	5.00	7.10	11.80	8.40	27	7.05	2.50	8.10	2.70	3.60	5.00
12		2.30	3.30	5.60	9.70	7.60	28	5.09	2.20	1.80	2.70	3.50	4.60
13		2.90	2.20	4.50	8.20	6.90	29	4.08	2.90	1.60	2.80	3.50	4.10
14		5.20	1.80	4.20	7.10	6.30	30	4.24	2.70	1.90	2.72	3.80	3.90
15		5.60	1.56	4.10	6.30	6.00	31	3.80	2.20		2.60		4.00
16		4.60	2.10	3.80	6.10	8.30							

^a Rise began about 10 a. m. and continued at rate of about 2 feet per hour for some time.

Tar River at Tarboro, North Carolina.

Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1		1.30	1.00	2.82	0.89	3.87	17		1.25	4.50	1.98	2.45	12.73
2		1.00	.60	3.55	.96	4.34	18		1.28	4.35	1.50	1.95	13.82
3		.90	.45	4.20	1.20	4.85	19		1.00	4.20	1.00	1.63	14.50
4		1.20	.80	2.95	1.05	4.90	20		.73	4.60	1.15	1.61	13.50
5		1.46	.51	2.18	1.07	4.50	21		.50	3.52	.90	1.50	12.20
6		3.48	.80	1.90	2.15	4.70	22		.65	2.10	.81	1.42	10.40
7		2.87	.35	1.50	2.76	5.00	23		.62	5.85	.69	1.30	8.20
8		1.95	.60	1.20	3.72	5.80	24		.65	7.30	.85	1.44	6.44
9		1.45	.35	1.05	3.13	6.50	25		.70	6.40	1.28	1.12	5.40
10		1.00	.23	.85	2.59	6.72	26	3.56	1.20	4.60	1.12	1.05	4.75
11		.82	.20	.90	2.10	6.10	27	3.00	1.30	3.60	1.32	1.02	4.20
12		.50	.22	.81	1.71	5.33	28	2.68	1.40	2.85	1.00	1.00	4.05
13		1.78	.12	1.05	2.62	4.64	29	2.25	1.60	2.58	.89	1.02	3.80
14		1.92	.10	1.42	4.05	4.07	30	2.00	1.48	2.72	.80	1.45	3.50
15		1.85	.18	1.70	3.20	3.98	31	1.76	1.10		.58		3.20
16		1.53	3.45	2.00	2.62	9.75							

¹ Record kept by United States Weather Bureau.

Neuse River at Selma, North Carolina.

Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....		2.00	0.30	5.00	0.60	3.70	17.....		0.90	0.06	0.50	0.70	9.00
2.....		2.00	.30	7.20	.60	3.50	18.....		.90	.05	.40	.70	8.60
3.....		2.00	.35	2.30	.60	3.00	19.....		1.10	.00	.40	.60	5.50
4.....		1.90	.40	.90	.40	2.80	20.....		1.00	.00	.30	.60	4.60
5.....		1.20	.30	.50	1.20	2.60	21.....		1.00	1.04	.40	.60	3.50
6.....		1.00	.30	.50	4.80	2.50	22.....		.50	.04	.60	.50	3.00
7.....		1.00	.30	.30	4.40	3.00	23.....		.40	5.04	.90	.50	2.80
8.....		1.00	.60	.20	2.30	4.00	24.....		.50	1.07	.70	.50	2.00
9.....		.90	.50	.20	1.50	3.80	25.....		2.10	.07	.50	.50	1.90
10.....		5.05	.30	.10	1.20	3.50	26.....		2.00	.07	.40	.50	1.80
11.....		5.50	.20	.20	.80	2.60	27.....		1.10	.40	.30	.50	1.50
12.....		5.50	.20	.50	.80	2.00	28.....		1.00	.30	.30	.50	1.50
13.....		2.25	.01	.70	1.30	2.00	29.....	1.10	1.00	.10	.30	.50	1.40
14.....		1.50	.01	1.70	1.20	2.00	30.....	1.00	.50	1.50	.40	.70	1.30
15.....		1.20	.01	1.00	.90	3.00	31.....	1.00	.30	.....	.40	.....	1.20
16.....		.80	.01	.60	.80	7.30							

Cape Fear River at Fayetteville, North Carolina.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	18.00	6.50	9.00	7.50	3.70	4.00	7.00	3.30	1.30	31.00	2.50	6.00
2.....	18.90	6.50	10.40	9.50	5.00	3.20	5.30	4.30	1.10	26.80	2.70	15.40
3.....	11.40	7.90	9.30	22.50	8.00	2.70	4.00	4.00	1.00	19.50	2.70	14.00
4.....	8.00	27.70	7.60	19.40	12.80	4.00	3.50	3.30	.80	12.90	3.00	12.40
5.....	6.50	31.00	6.80	13.00	10.40	19.00	3.50	3.00	1.50	7.80	4.30	10.40
6.....	5.70	30.00	6.00	9.80	8.30	20.00	5.90	3.00	3.00	4.90	17.00	9.50
7.....	4.60	45.40	5.80	8.00	6.00	14.00	4.40	2.80	8.50	4.20	19.00	9.60
8.....	4.40	48.00	5.80	6.80	4.50	10.00	15.00	2.60	9.50	3.60	14.30	13.50
9.....	4.60	45.00	5.40	6.00	4.40	8.00	34.80	2.30	5.50	3.20	10.40	14.50
10.....	4.60	42.40	5.40	5.40	3.90	6.20	47.50	2.00	4.00	3.00	7.70	13.60
11.....	4.70	36.00	5.50	5.20	3.50	6.00	49.50	2.00	3.30	2.70	6.00	11.70
12.....	4.40	30.40	7.80	5.50	3.20	6.00	47.00	1.90	2.50	2.70	4.80	9.50
13.....	4.20	19.00	11.00	5.50	2.80	5.00	41.00	2.70	2.00	2.70	4.60	8.20
14.....	4.00	16.20	10.00	5.00	2.80	7.00	30.30	4.00	1.50	3.00	4.50	7.00
15.....	4.10	17.40	8.60	4.90	2.60	10.90	19.00	3.40	1.40	3.30	4.50	7.50
16.....	4.00	16.00	7.20	5.00	2.50	8.50	14.40	3.70	1.20	3.20	4.80	9.40
17.....	5.00	13.40	7.50	4.90	2.50	5.70	9.50	3.70	1.00	3.00	4.20	14.00
18.....	9.00	11.60	8.00	4.70	2.10	4.60	9.30	3.00	1.50	2.90	4.00	12.30
19.....	6.00	10.50	7.80	4.50	2.40	6.00	9.00	2.60	1.90	2.60	4.00	9.00
20.....	1.40	10.60	8.50	4.20	2.30	5.30	8.70	2.50	3.00	2.40	3.80	9.00
21.....	15.00	9.80	10.50	4.00	3.50	6.40	8.90	2.50	2.50	2.10	3.60	8.20
22.....	22.20	9.00	9.60	3.80	4.10	5.00	8.30	2.10	1.50	2.20	3.50	7.00
23.....	20.00	8.00	7.80	3.60	8.17	4.30	7.90	2.70	6.00	2.30	3.20	6.90
24.....	15.00	7.80	6.80	3.50	11.40	4.50	7.20	2.00	6.80	2.70	3.10	6.30
25.....	15.60	7.80	6.50	4.00	17.40	6.40	7.50	2.40	5.00	4.40	3.00	5.40
26.....	11.00	7.70	6.60	4.60	12.00	7.80	7.00	4.00	3.90	4.10	3.00	4.60
27.....	26.20	7.40	7.00	7.00	9.50	8.60	5.20	3.70	3.20	3.50	3.00	5.00
28.....	22.00	7.30	6.30	5.50	8.00	6.00	4.30	2.70	2.90	3.00	3.30	4.90
29.....	29.40	7.90	6.20	4.90	7.20	10.80	3.70	2.00	3.50	2.80	3.20	4.80
30.....	18.10	.....	5.80	4.10	6.00	8.90	3.60	1.90	8.00	2.50	3.50	4.90
31.....	17.00	.....	5.30	.....	5.00	.....	3.40	1.40	.....	2.50	.....	5.00

Yadkin River at Norwood, North Carolina.

Day.	Sept.	Oct.	Nov.	Dec.	Day.	Sept.	Oct.	Nov.	Dec.	Day.	Sept.	Oct.	Nov.	Dec.
1...	1.00	7.40	1.30	1.50	12...	1.20	1.20	1.70	1.70	23...	1.20	1.20	1.40	1.80
2...	1.00	3.40	1.30	2.70	13...	1.20	1.20	2.20	1.30	24...	1.30	1.20	1.40	1.80
3...	1.00	2.30	1.30	2.70	14...	1.20	1.20	1.30	1.60	25...	1.20	1.30	1.40	1.70
4...	.90	1.80	1.40	2.30	15...	1.30	1.30	1.90	1.90	26...	1.20	1.30	1.40	1.70
5...	.90	1.60	3.10	2.30	16...	1.20	1.30	1.70	2.50	27...	1.10	1.30	1.40	1.70
6...	2.50	1.50	6.00	2.20	17...	1.30	1.20	1.60	3.80	28...	1.00	1.30	1.40	1.70
7...	3.30	1.40	3.40	2.30	18...	1.30	1.20	1.50	2.90	29...	1.20	1.20	1.50	1.60
8...	2.10	1.40	2.50	2.40	19...	1.20	1.20	1.50	2.30	30...	1.30	1.20	1.70	1.60
9...	1.65	1.30	2.20	2.20	20...	1.20	1.10	1.50	2.10	31...	.....	1.20	.....	1.70
10...	1.45	1.30	2.10	2.10	21...	1.10	1.10	1.50	2.00	.....	.....	.....	.....	.....
11...	1.30	1.20	1.90	1.90	22...	1.10	1.10	1.50	1.90	.....	.....	.....	.....	.....

Yadkin River at Salisbury, North Carolina.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	3.60	2.00	2.50	2.50	1.80	1.50	1.80	2.00	1.40	8.40	1.68	6.70
2.....	3.00	2.00	2.20	8.00	1.80	1.50	1.60	1.90	1.40	3.70	1.70	4.10
3.....	2.40	5.70	2.70	7.30	2.10	1.80	1.60	1.90	1.40	2.20	1.72	3.70
4.....	2.20	6.70	1.80	4.00	2.90	3.90	2.60	1.70	1.40	2.50	-----	2.80
5.....	1.80	4.90	2.00	3.10	2.30	3.70	2.70	1.70	1.50	1.80	5.80	2.50
6.....	1.60	5.30	2.00	2.60	2.20	2.50	2.80	1.60	4.50	1.70	6.78	2.55
7.....	1.60	7.00	1.90	2.50	2.00	2.20	4.50	1.60	2.70	1.70	3.60	2.53
8.....	1.90	5.00	1.90	2.40	1.90	2.00	4.90	1.60	2.20	1.60	3.50	2.52
9.....	3.70	5.00	1.90	2.20	1.90	2.00	12.90	1.50	1.90	1.60	2.50	2.30
10.....	3.60	4.70	1.90	2.20	1.90	1.90	15.00	2.00	1.60	1.60	2.20	2.27
11.....	3.40	3.60	2.00	2.20	1.90	2.20	10.00	2.00	1.50	1.60	2.20	2.26
12.....	2.60	3.00	2.20	2.10	1.90	1.80	9.80	1.90	1.50	1.62	2.10	2.26
13.....	2.10	2.70	2.40	2.00	1.80	2.20	7.90	1.80	2.00	1.66	2.15	2.25
14.....	1.70	3.30	2.10	2.00	1.70	1.80	4.90	1.60	1.75	1.64	2.00	2.23
15.....	1.70	3.10	2.00	2.00	1.70	1.70	4.00	1.60	1.60	1.70	2.00	2.30
16.....	1.70	2.80	1.80	2.00	1.70	1.60	3.70	2.50	1.50	1.70	2.00	5.00
17.....	1.90	2.50	2.00	2.00	1.70	1.60	2.80	2.20	1.60	1.65	1.98	3.55
18.....	2.20	2.30	2.00	2.00	1.70	1.80	2.40	2.90	1.60	1.65	1.95	3.40
19.....	2.10	2.20	1.90	2.10	1.60	1.80	3.40	2.70	1.60	1.50	1.92	2.65
20.....	2.00	2.10	2.20	2.00	1.60	1.80	2.20	2.50	1.50	1.50	1.90	3.90
21.....	1.90	2.00	2.60	2.00	1.50	1.70	2.20	1.90	1.50	1.50	1.90	3.70
22.....	1.80	1.80	2.20	2.00	1.80	1.70	2.30	1.90	1.50	1.48	1.90	3.33
23.....	2.50	2.10	2.10	2.00	1.80	1.60	2.50	1.50	1.70	1.48	1.89	2.30
24.....	4.30	3.20	2.10	1.90	1.80	1.60	2.30	1.50	1.60	1.60	1.88	2.20
25.....	3.70	2.10	2.50	1.90	1.70	2.10	2.20	1.50	1.50	1.76	1.88	2.13
26.....	3.20	2.10	2.40	2.00	2.00	2.80	2.00	1.60	1.50	1.67	1.88	2.12
27.....	2.60	2.10	2.20	2.00	2.00	2.60	1.90	1.60	1.46	1.65	1.90	2.10
28.....	2.40	2.20	2.10	1.90	1.80	2.20	1.90	1.50	1.45	1.65	1.90	2.00
29.....	2.20	2.30	2.00	1.90	1.70	2.10	2.20	1.50	1.50	1.65	2.70	2.00
30.....	2.10	-----	2.10	1.90	1.70	1.90	1.90	1.50	8.60	1.65	6.30	2.08
31.....	2.00	-----	2.60	-----	1.60	-----	1.90	1.40	-----	1.68	-----	2.07

a July 10 river rose 14.90 above low-water mark.

Catawba River at Rockhill, South Carolina.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	3.30	2.10	2.30	2.10	1.70	1.50	1.70	2.00	1.50	3.90	1.60	5.50
2.....	2.90	2.10	2.20	2.70	1.80	1.90	1.60	1.90	1.50	2.60	1.70	4.30
3.....	2.40	3.60	2.10	5.80	3.80	2.20	2.00	2.00	1.50	2.00	1.70	3.10
4.....	2.20	4.90	2.10	3.50	4.30	2.50	2.60	1.90	1.50	1.70	1.70	2.60
5.....	2.00	3.50	2.00	2.80	2.90	3.20	2.90	1.90	2.10	1.60	3.30	2.40
6.....	1.90	6.25	2.00	2.50	2.50	2.60	4.50	2.00	3.10	1.60	5.40	2.30
7.....	1.80	6.60	2.00	2.30	2.30	2.10	5.20	1.90	2.90	1.60	3.90	2.40
8.....	1.80	4.90	2.00	2.20	2.10	1.90	7.37	1.80	2.20	1.50	2.60	2.30
9.....	2.00	5.70	1.90	2.10	2.00	1.80	12.22	1.80	1.90	1.50	2.40	2.20
10.....	1.90	5.30	1.90	2.10	2.00	2.20	15.20	1.70	1.70	1.50	2.20	2.10
11.....	1.90	4.00	1.90	2.00	1.90	1.80	10.65	1.70	1.60	1.60	2.00	2.00
12.....	1.90	3.20	2.10	2.00	1.80	1.70	7.90	1.70	1.60	1.50	1.90	1.90
13.....	1.80	2.89	2.10	2.00	1.80	1.70	6.30	1.80	1.50	1.50	2.50	1.90
14.....	1.80	2.90	2.00	1.90	1.80	1.60	4.40	1.70	2.00	1.50	2.20	1.90
15.....	1.80	2.80	2.00	1.90	1.70	1.60	3.40	2.10	1.70	1.60	2.20	1.90
16.....	1.80	2.70	1.90	1.90	1.70	1.60	3.10	2.00	1.60	1.60	2.10	3.20
17.....	2.10	2.60	1.90	1.90	1.70	1.60	2.80	1.90	1.60	1.60	1.90	3.40
18.....	2.40	2.40	1.90	1.90	1.70	1.60	2.60	2.00	1.60	1.50	1.80	2.70
19.....	2.20	2.40	1.90	1.80	1.70	1.80	2.40	2.00	1.60	1.50	1.80	2.30
20.....	2.00	2.30	2.10	1.80	1.70	2.00	2.70	1.80	1.60	1.50	1.80	2.20
21.....	2.00	2.30	2.00	1.80	1.60	2.00	2.50	1.70	1.50	1.50	1.80	2.10
22.....	1.90	2.20	2.10	1.80	1.60	1.90	2.50	1.60	1.60	1.50	1.70	2.00
23.....	2.60	2.10	2.00	1.80	1.60	2.10	2.20	1.60	1.60	1.50	1.70	2.00
24.....	3.80	2.10	2.00	1.80	1.60	1.90	2.30	1.60	1.60	1.60	1.70	1.90
25.....	4.50	2.20	2.00	1.80	2.60	1.90	2.20	1.60	1.60	1.60	1.70	1.80
26.....	3.80	2.10	2.20	1.80	1.90	2.10	2.10	1.60	1.60	1.60	1.70	1.80
27.....	2.90	2.10	2.10	1.80	1.80	1.80	2.00	1.60	1.50	1.60	1.70	1.80
28.....	2.60	2.10	2.00	1.80	1.90	2.00	2.40	1.60	1.50	1.60	1.70	1.80
29.....	2.40	2.30	2.00	1.70	1.80	1.60	2.40	1.60	1.60	1.50	1.90	1.80
30.....	2.20	-----	1.90	1.70	1.70	1.90	2.30	1.50	4.30	1.50	2.20	1.80
31.....	2.20	-----	2.00	-----	1.60	-----	2.10	1.50	-----	1.60	-----	1.80

Catawba River at Catawba, North Carolina.

Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	.....	2.25	1.65	2.45	1.68	5.58	17.....	2.98	2.08	1.82	1.48	1.92	3.28
2.....	.....	2.25	1.85	2.25	1.65	5.32	18.....	2.92	1.88	1.62	1.48	1.92	2.95
3.....	.....	2.22	1.48	1.92	1.58	3.32	19.....	2.78	1.82	1.52	1.48	1.92	2.95
4.....	3.05	2.28	1.45	1.65	1.88	2.65	20.....	2.75	1.68	1.53	1.48	1.92	2.42
5.....	2.95	2.15	3.32	1.52	7.38	2.65	21.....	2.62	1.68	1.52	1.58	1.92	2.22
6.....	4.32	2.05	2.32	1.58	3.92	2.32	22.....	2.72	1.62	1.55	1.50	1.88	2.05
7.....	3.82	1.98	2.32	1.58	3.35	2.32	23.....	2.72	1.65	1.52	1.52	1.85	2.00
8.....	5.75	1.92	1.72	1.55	2.32	2.18	24.....	2.62	1.68	1.52	1.58	1.85	2.12
9.....	5.00	1.92	1.62	1.52	2.12	2.12	25.....	2.52	1.65	1.52	1.58	1.78	1.98
10.....	7.72	1.95	1.52	1.52	1.95	2.10	26.....	2.48	1.62	1.48	1.52	1.75	1.95
11.....	7.48	2.02	1.52	1.52	1.88	1.98	27.....	2.42	1.62	1.48	1.52	1.72	1.85
12.....	5.95	1.98	1.72	1.55	1.88	1.98	28.....	2.92	1.52	1.52	1.52	1.72	1.90
13.....	5.25	1.92	1.95	1.55	1.85	1.98	29.....	2.48	1.52	1.55	1.55	2.98	1.90
14.....	4.88	1.88	1.68	1.68	1.82	1.95	30.....	2.35	1.65	4.02	1.55	7.42	1.90
15.....	3.58	2.02	1.62	1.62	1.92	3.78	31.....	2.28	1.85	.....	1.68	.....	1.90
16.....	3.32	2.15	1.62	1.52	1.92	3.68							

Broad River at Gaffney, South Carolina.

Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	.....	0.43	0.10	0.81	0.47	2.63	17.....	0.59	0.68	0.30	0.29	0.65	1.45
2.....	.....	.41	.11	.44	.28	1.60	18.....	.53	.49	.35	.23	.59	1.21
3.....	.....	.60	.84	.38	.40	1.02	19.....	.52	.30	.23	.20	.53	1.09
4.....	.....	.67	.46	.30	.40	.92	20.....	.51	.22	.10	.25	.72	1.12
5.....	.....	.38	.63	.22	1.50	1.50	21.....	.50	.28	.10	.29	.79	1.11
6.....	.....	.28	.49	.35	5.82	1.11	22.....	.50	.23	.30	.27	.60	1.05
7.....	.....	.32	.40	.31	2.40	1.15	23.....	.49	.20	.25	.29	.65	.99
8.....	.....	.30	.41	.30	1.98	1.10	24.....	.50	.18	.18	.28	.71	.94
9.....	.....	.18	.40	.25	.92	1.30	25.....	.48	.21	.14	.32	.69	.91
10.....	2.52	.30	.14	.30	.68	.91	26.....	.55	.24	.19	.28	.66	1.01
11.....	5.88	.25	.20	.22	.62	.85	27.....	.53	.17	.12	.31	.68	.89
12.....	1.60	.33	.82	.15	.31	.83	28.....	1.64	.18	.05	.35	.69	.93
13.....	.83	.22	.29	.31	.75	.77	29.....	.78	.20	.19	.29	.45	.95
14.....	.81	.48	.20	.35	1.04	.99	30.....	.62	.10	1.64	.31	1.70	.92
15.....	.78	.50	.23	.37	1.84	1.15	31.....	.48	.14	.....	.30	.....	.89
16.....	.83	.36	.20	.80	1.75	2.05							

Broad River at Alston, South Carolina.

Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	.....	2.61	1.50	8.35	2.71	8.46	17.....	4.83	2.13	1.99	2.60	3.07	6.01
2.....	.....	3.02	1.85	3.95	2.63	7.80	18.....	4.03	2.86	1.09	1.96	2.89	4.39
3.....	2.21	3.03	1.93	3.45	2.20	6.55	19.....	3.87	2.52	2.05	1.95	2.73	4.06
4.....	2.17	2.95	2.73	2.52	2.40	6.00	20.....	5.00	2.35	2.01	1.75	2.74	3.80
5.....	2.87	2.86	4.75	2.21	9.47	5.33	21.....	5.42	3.67	1.93	1.90	2.76	3.55
6.....	2.64	2.61	4.93	1.90	13.38	5.21	22.....	4.06	2.81	2.78	2.02	2.60	3.50
7.....	8.20	2.51	3.89	1.85	10.33	5.84	23.....	3.84	1.98	4.63	2.03	2.69	3.45
8.....	13.39	2.43	3.21	2.15	7.20	6.77	24.....	3.30	1.95	2.68	2.40	2.56	3.40
9.....	16.24	2.30	2.52	2.16	4.11	6.35	25.....	3.14	2.05	2.51	2.64	2.72	3.25
10.....	17.26	2.03	2.18	2.00	3.56	5.61	26.....	2.90	2.01	1.94	2.49	2.66	3.15
11.....	13.59	1.91	2.13	2.05	2.73	4.40	27.....	2.87	2.15	1.85	2.07	2.62	3.04
12.....	13.39	2.87	2.15	1.81	3.15	3.96	28.....	2.79	2.19	1.85	2.25	2.70	3.06
13.....	9.92	2.07	2.36	1.72	5.11	3.64	29.....	4.77	2.44	2.11	2.20	2.75	3.09
14.....	6.55	2.92	2.51	2.02	4.78	3.70	30.....	3.40	2.15	8.78	2.10	4.26	3.18
15.....	5.05	2.71	1.96	2.20	3.85	3.40	31.....	2.90	1.65	.....	2.26	.....	3.07
16.....	4.20	3.31	2.15	2.40	3.31	6.30							

Saluda River at Waterloo, South Carolina.

Day.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	Aug.	Sept.	Oct.	Nov.	Dec.
1		2.90	4.00	3.70	8.30	17		3.15	2.80	4.65	5.55
2		3.50	3.50	2.60	(a)	18		3.15	3.15	4.55	4.75
3		2.80	3.75	4.00	(a)	19		3.70	2.20	4.50	5.15
4		1.90	3.70	10.80	(a)	20		3.00	3.20	4.45	4.15
5		3.50	2.40	14.50	5.50	21		2.20	3.15	4.45	4.35
6		4.15	3.70	14.50	5.90	22		4.25	3.00	3.80	4.65
7		3.80	3.65	11.35	5.15	23		4.35	3.60	3.80	4.00
8		4.00	3.65	5.60	5.85	24		4.00	4.10	4.30	4.55
9		3.60	3.45	5.10	5.80	25		3.30	3.90	4.35	3.85
10		3.30	3.10	4.90	5.20	26		3.20	2.45	4.25	3.20
11		3.30	3.00	4.70	4.90	27		2.90	3.80	4.30	2.85
12		3.90	2.20	4.50	4.75	28		2.30	3.80	4.25	3.80
13		3.00	3.45	6.30	3.90	29		5.40	3.55	5.20	4.35
14		2.30	3.60	6.20	4.30	30	3.20	5.35	3.70	7.55	4.40
15		3.65	3.60	4.85	8.40	31	2.20		4.30		4.35
16		3.25	3.30	4.70	7.80						

a Ice on river; no readings December 2, 3, and 4.

Savannah River near Calhoun Falls, South Carolina.

Day.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	Aug.	Sept.	Oct.	Nov.	Dec.
1		2.00	2.00	2.20	5.60	17	2.10	2.00	1.95	3.00	3.40
2		1.90	1.95	2.15	5.00	18	2.05	1.95	1.90	2.90	3.10
3		1.85	1.90	2.05	4.95	19	2.05	1.90	1.85	2.65	3.00
4	2.40	1.80	1.95	3.00	5.15	20	2.00	1.85	1.80	2.40	2.85
5	2.30	1.95	1.90	5.65	5.00	21	1.90	1.80	1.80	2.25	2.80
6	2.15	3.85	1.85	7.15	4.05	22	1.85	1.70	1.75	2.35	2.75
7	2.10	3.00	1.90	4.75	3.50	23	1.80	2.50	1.75	2.30	2.65
8	2.00	2.40	1.75	3.00	3.75	24	1.75	2.40	2.15	2.30	2.60
9	2.05	2.40	1.70	2.60	3.05	25	1.75	2.35	2.05	2.30	2.55
10	2.10	2.25	1.70	2.45	3.20	26	2.00	2.25	2.00	2.25	2.50
11	2.05	2.20	2.00	2.30	2.85	27	2.45	2.00	1.95	2.25	2.45
12	2.00	2.30	2.25	2.20	2.60	28	2.00	1.90	1.90	2.20	2.40
13	1.95	2.15	2.50	5.60	2.45	29	1.95	1.95	1.85	2.30	2.40
14	2.80	2.10	2.40	4.10	2.55	30	1.90	2.00	1.95	2.95	2.40
15	3.10	2.05	2.15	3.60	3.85	31	1.85		2.10		2.35
16	2.30	2.00	2.00	3.25	3.20						

Oconee River¹ at Dublin, Georgia, for 1894.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.6	2.8	11.2	3.8	1.9	0.2	1.4	5.0	4.9	1.0	2.0	1.3
2	3.6	2.5	11.8	3.5	1.8	.1	.6	6.8	3.9	.8	2.4	1.2
3	3.0	2.3	12.4	3.4	1.8	.0	.6	7.5	2.9	.6	3.0	1.1
4	2.6	2.3	12.8	3.4	1.5	.1	1.0	6.5	1.4	.4	6.1	1.0
5	1.9	2.5	13.0	3.5	1.4	.1	.8	5.0	1.0	.2	7.6	2.0
6	1.8	2.7	12.7	3.8	1.3	.2	.5	8.0	1.3	.1	6.0	2.4
7	2.0	2.9	11.0	3.8	1.1	.2	1.1	9.4	1.4	.2	3.6	2.4
8	2.0	2.7	8.0	3.7	1.0	.3	.9	10.0	1.1	.2	2.7	2.1
9	2.6	2.3	6.5	3.1	.9	.4	.3	11.0	1.8	1.1	2.0	1.9
10	3.8	2.2	6.0	2.9	.9	.4	1.4	13.2	1.8	6.5	1.7	1.7
11	4.4	2.2	5.5	3.0	.9	.4	4.9	14.9	1.4	8.6	1.5	2.2
12	5.0	4.0	5.5	4.0	1.5	.5	4.8	13.6	1.4	9.8	1.4	3.4
13	6.0	6.6	7.5	4.8	1.1	.6	3.3	7.8	1.3	12.5	1.3	6.0
14	6.6	7.8	8.6	4.1	.9	.7	1.8	4.0	1.0	14.8	1.3	8.1
15	6.9	9.7	8.9	3.3	.9	.7	.9	3.8	.9	13.8	1.4	9.5
16	6.5	11.3	8.6	2.9	1.5	.7	.8	2.0	.8	8.4	1.6	11.4
17	4.9	12.3	6.9	2.6	2.9	.7	.7	1.4	.6	3.4	1.8	12.9
18	5.0	13.7	6.4	2.5	2.5	.6	.4	1.4	.9	2.6	1.8	13.0
19	4.9	14.9	6.4	2.5	2.0	.3	1.1	4.9	2.2	2.0	1.6	10.5
20	4.3	14.3	6.3	2.8	1.6	.4	.3	6.0	4.5	1.8	1.6	5.4
21	3.5	12.7	5.9	4.5	1.9	.2	3.7	5.1	6.1	1.6	1.4	3.8
22	3.0	10.3	5.0	5.0	2.0	.1	5.0	3.3	6.6	1.4	1.5	3.2
23	3.2	8.4	4.4	4.9	1.5	.4	4.4	2.9	4.7	1.1	1.6	2.9
24	3.8	7.8	4.4	4.0	1.2	.8	3.8	2.3	2.1	1.0	1.5	2.5
25	3.7	8.0	5.1	3.0	1.0	.4	4.4	2.1	1.4	1.0	1.7	2.3
26	3.5	9.6	6.2	2.5	1.0	1.0	4.6	2.8	1.0	1.0	1.7	2.2
27	4.0	10.2	6.9	2.3	.9	2.9	3.8	4.4	1.0	1.0	1.8	2.7
28	3.9	10.8	6.0	2.0	.6	1.5	3.4	4.2	1.0	.9	1.7	3.9
29	3.4		5.3	1.9	.5	.9	4.4	4.8	1.0	.9	1.4	5.0
30	3.0		4.5	1.9	.5	1.5	3.4	4.2	1.0	.8	1.4	5.3
31	2.9		4.0		.4		3.0	5.0		.8		4.3

¹Record from United States Weather Bureau.

Oconee River¹ at Dublin, Georgia, for 1895.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
1.....	3.4	14.2	5.4	5.2	9.6	6.8	2.5	0.9	2.3	0.3
2.....	3.2	14.5	5.2	5.0	10.3	4.4	5.0	.7	2.9	.3
3.....	3.2	14.8	5.0	5.2	10.5	3.6	6.5	.6	2.5	.2
4.....	3.5	14.2	6.8	5.8	8.7	3.0	6.9	.8	2.4	.1
5.....	3.8	13.4	7.8	5.7	6.6	2.8	6.4	6.5	5.7	.1
6.....	3.7	12.1	8.3	5.2	5.6	2.6	5.0	6.6	6.5	.0
7.....	3.4	11.3	8.5	4.6	5.2	2.4	3.8	4.0	7.0	.0
8.....	3.0	10.0	8.6	5.8	5.2	2.4	4.3	2.7	7.3	.1
9.....	3.0	9.2	9.9	8.4	4.9	3.0	7.4	3.5	8.3	.1
10.....	7.7	8.7	10.9	9.2	4.7	2.3	8.7	3.8	9.2	.1
11.....	10.4	7.8	12.0	10.3	6.4	2.1	9.5	2.9	7.5	.5
12.....	11.9	7.1	13.1	10.1	6.1	2.0	10.5	2.3	4.3	.4
13.....	15.5	7.8	13.1	10.2	6.0	1.9	11.4	2.0	4.8	.3
14.....	18.0	7.9	13.1	8.8	5.4	1.9	11.5	2.1	4.8	.3
15.....	17.9	7.9	15.4	6.0	4.4	2.3	7.6	3.3	3.2	.7
16.....	16.9	7.3	17.9	4.8	3.8	3.0	3.2	5.3	2.4	.6
17.....	15.5	7.5	20.2	4.8	3.4	2.6	3.2	6.1	2.2	.5
18.....	13.4	7.4	22.0	6.1	3.1	3.8	2.7	7.0	1.8	.4
19.....	10.1	7.7	23.4	7.4	3.3	5.7	2.4	7.5	1.8	.4
20.....	7.4	8.1	22.9	8.5	3.2	4.8	2.9	8.2	1.5	.3
21.....	6.1	8.5	21.6	9.8	3.5	2.9	2.5	9.5	1.4	.3
22.....	5.4	8.3	19.6	10.4	3.7	2.2	2.2	11.0	1.2	.3
23.....	5.0	8.0	17.2	9.7	4.7	1.9	2.0	12.0	1.0	.1
24.....	4.9	7.7	15.5	7.4	4.7	1.9	1.8	11.7	.9	.1
25.....	4.7	7.4	14.0	5.5	4.8	1.8	1.7	9.7	.8	.1
26.....	7.8	6.8	12.6	5.0	5.6	1.7	1.5	5.5	.6	.0
27.....	10.5	6.1	10.9	5.0	6.7	1.6	1.4	3.3	.5	.0
28.....	10.7	5.7	9.0	6.6	7.8	1.6	1.3	3.3	.4	.0
29.....	11.8	.....	7.5	7.8	8.4	2.5	1.2	3.9	.3	.0
30.....	13.2	.....	6.8	8.8	9.2	2.0	1.2	3.0	.3	.1
31.....	14.0	.....	5.6	.....	9.0	.....	1.0	2.4	.....	.1

Oconee River¹ at Dublin, Georgia, for 1896.

[No record was kept at this station from May to October, 1896. Capt. J. D. Roberts, in charge of the steamers Henry and Gipsy, states that from the 15th of September to the 15th of October, 1896, occurred the lowest water in six years, the gage at Dublin going down to -1.20 and remaining at about that level for nearly thirty days. This information is valuable and authentic.]

Day.	Jan.	Feb.	Mar.	Apr.	Oct.	Nov.	Dec.
1.....	4.1	6.0	6.6	3.0	.....	0.5	3.2
2.....	5.0	4.5	6.8	3.8	.....	.1	6.7
3.....	4.7	4.4	6.4	5.5	.....	.4	9.5
4.....	3.6	6.5	5.4	5.8	.....	1.1	10.7
5.....	2.8	6.4	5.0	5.0	.....	5.4	11.4
6.....	2.2	8.4	4.0	4.4	.....	7.7	12.8
7.....	1.9	11.0	3.8	3.5	.....	19.3	13.1
8.....	1.9	11.6	4.6	3.0	.....	10.5	12.4
9.....	2.7	14.8	6.4	2.8	.....	0.2	10.1
10.....	4.0	17.0	6.2	2.7	.....	7.5	7.3
11.....	4.0	16.8	5.8	2.6	.....	3.4	6.5
12.....	3.5	16.5	6.7	2.4	.....	2.5	5.6
13.....	3.0	15.9	7.3	2.3	.....	2.5	4.5
14.....	2.5	15.0	7.6	2.2	.....	3.6	4.1
15.....	2.3	13.4	7.0	2.1	.....	3.7	4.1
16.....	2.0	11.2	5.8	2.0	.....	3.9	4.0
17.....	3.5	9.6	5.2	1.9	1.1	3.5	8.0
18.....	6.7	8.7	4.8	1.8	1.1	2.5	8.9
19.....	7.5	6.7	4.6	1.7	1.1	1.7	9.7
20.....	8.0	5.8	4.4	1.7	1.2	1.5	8.1
21.....	8.0	5.2	4.7	1.6	1.2	1.3	5.3
22.....	6.4	4.8	4.6	1.4	1.2	1.1	4.1
23.....	5.0	4.6	4.3	1.2	1.2	1.0	3.7
24.....	6.9	4.2	4.1	1.0	1.2	.9	3.2
25.....	8.3	4.1	3.9	.9	1.1	.8	3.0
26.....	8.9	4.0	4.5	.9	.6	.6	2.8
27.....	10.0	4.0	4.4	1.1	.2	.5	2.5
28.....	11.4	3.9	4.2	1.1	.1	.6	2.3
29.....	12.3	5.0	3.9	1.5	.2	.6	2.3
30.....	12.0	.....	3.7	1.8	.4	.6	2.2
31.....	10.9	.....	3.3	.....	.6	.....	2.2

¹ Record from United States Weather Bureau.

Oconee River at Cary, Georgia.

Day.	Nov.	Dec.	Day.	Nov.	Dec.	Day.	Nov.	Dec.	Day.	Nov.	Dec.
1....	2.10	5.10	9...	1.80	2.90	17...	.....	2.40	25...	1.90	2.00
2....	1.90	4.80	10...	1.80	2.70	18...	.....	2.20	26...	1.90	2.10
3....	1.70	4.40	11...	1.80	2.60	19...	.....	2.40	27...	1.80	2.00
4....	2.10	4.20	12...	1.90	2.50	20...	.....	2.30	28...	1.90	1.90
5....	2.70	3.70	13...	1.80	2.40	21...	.....	2.20	29...	2.90	2.10
6....	2.30	3.40	14...	1.90	2.30	22...	.....	2.20	30...	3.90	2.00
7....	2.20	3.20	15...	1.90	4.00	23...	.....	2.10	31...	.....	2.00
8....	1.80	3.00	16...	2.00	2.80	24...	.....	2.00			

Ocmulgee River¹ at Macon, Georgia, for 1893.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	.....	5.30	12.70	2.40	1.60	2.60	1.00	1.40	9.30	1.30	1.70	2.50
2.....	.....	4.80	10.00	2.30	1.40	2.40	1.10	1.80	8.70	1.30	1.60	3.00
3.....	.....	3.90	7.80	2.20	1.80	5.40	1.10	2.20	5.50	1.50	1.60	2.80
4.....	.....	3.10	12.70	2.10	6.70	6.80	1.80	1.80	3.00	8.00	1.60	2.70
5.....	.....	2.80	12.20	2.10	3.40	6.70	1.00	2.00	2.80	5.00	1.60	2.50
6.....	.....	3.40	9.50	2.30	3.10	5.10	1.00	6.20	2.40	3.50	1.60	3.20
7.....	.....	2.30	7.10	2.50	7.20	5.50	1.00	13.40	2.40	3.00	1.50	2.00
8.....	.....	1.80	6.50	2.20	4.90	9.70	1.00	9.50	2.30	2.80	1.50	1.80
9.....	.....	1.60	4.70	2.00	4.90	7.00	1.80	5.00	3.00	2.70	1.50	1.70
10.....	.....	1.30	8.90	1.80	3.40	3.40	1.20	3.20	4.00	2.60	1.50	1.60
11.....	.....	2.80	7.80	1.70	2.90	2.50	1.20	2.00	4.10	2.60	1.50	1.50
12.....	.....	4.60	5.80	1.70	2.20	2.20	1.20	1.80	5.40	2.50	1.50	1.50
13.....	.....	14.60	5.00	1.60	1.80	2.00	1.10	1.70	9.40	2.50	1.50	1.50
14.....	.....	13.00	4.10	1.60	1.60	3.00	1.10	1.70	10.90	2.80	1.50	1.50
15.....	.....	11.20	3.50	1.60	1.30	3.00	1.10	4.20	6.80	2.70	1.50	1.50
16.....	.....	11.00	2.60	1.70	1.20	3.00	.90	4.00	4.00	2.50	1.50	1.50
17.....	.....	13.40	3.00	1.60	1.50	2.00	.90	2.00	3.50	2.50	1.50	3.00
18.....	.....	12.00	2.40	1.40	1.20	1.80	1.00	1.90	2.00	2.50	1.50	2.80
19.....	.....	11.30	2.20	1.20	1.20	3.00	1.40	1.70	2.00	2.40	1.50	3.50
20.....	.....	10.60	2.10	2.50	1.00	2.60	1.60	1.60	1.60	2.20	1.50	3.20
21.....	2.70	6.80	.....	9.00	.80	2.30	1.70	1.60	1.60	2.10	2.00	3.10
22.....	2.80	4.80	.....	7.40	.70	2.40	5.40	1.40	1.50	2.10	2.80	3.00
23.....	2.80	3.30	.....	4.30	.60	2.20	2.40	1.30	1.50	2.00	3.00	2.80
24.....	2.60	5.40	2.90	2.90	.70	2.20	2.20	1.30	1.50	2.00	2.00	2.60
25.....	4.60	4.00	3.70	2.20	.60	2.20	2.00	1.20	1.40	2.00	2.60	2.40
26.....	5.00	3.60	5.30	1.80	.60	1.00	1.80	1.20	1.40	2.00	2.40	3.20
27.....	4.70	3.50	4.00	1.80	.70	1.00	1.80	1.10	1.60	2.00	2.30	2.00
28.....	5.30	11.90	3.10	1.70	.40	1.00	2.00	1.20	1.50	1.80	2.10	1.90
29.....	5.80	.....	2.80	1.60	.20	1.10	1.40	1.40	1.40	1.70	2.00	1.80
30.....	6.30	.....	2.60	1.60	6.10	1.00	1.30	1.40	1.40	1.70	2.00	2.50
31.....	6.60	.....	2.50	.....	5.60	.....	1.20	2.00	.....	1.70	.....	3.40

¹ Record from United States Weather Bureau.

Ocmulgee River¹ at Macon, Georgia, for 1894.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.20	2.30	10.40	3.00	1.80	1.20	1.80	7.00	3.40	.90	5.00	1.00
2	3.00	2.00	9.10	3.00	1.70	1.20	1.60	6.00	3.20	.90	5.60	1.00
3	2.80	2.00	8.60	2.50	1.50	1.20	1.40	5.80	3.00	.90	7.00	.90
4	2.60	3.00	8.00	2.50	1.50	1.20	1.30	4.80	2.80	.80	6.50	1.00
5	2.30	2.80	4.90	3.00	1.50	1.20	1.20	9.00	2.60	.80	6.00	1.50
6	2.00	2.60	4.20	2.80	1.50	1.10	2.50	14.20	3.00	.80	5.00	1.50
7	1.80	2.40	3.90	2.80	1.50	1.10	3.00	12.20	4.00	.80	4.00	1.40
8	1.60	2.30	3.80	2.50	1.50	1.00	2.80	9.60	6.00	.90	3.00	1.30
9	3.70	2.20	3.70	2.50	1.50	1.00	2.60	6.90	5.50	11.00	2.80	1.30
10	3.30	2.10	3.50	2.50	1.30	1.00	3.00	5.40	5.00	15.10	2.40	2.00
11	4.50	3.00	3.20	5.60	1.30	.90	4.00	4.00	4.80	8.00	2.30	4.00
12	6.00	7.20	7.10	5.20	1.30	.90	3.80	4.00	4.60	6.00	2.10	9.80
13	6.80	10.00	7.90	5.00	1.20	.90	3.40	3.80	5.00	4.50	2.00	13.20
14	5.50	11.00	6.00	4.60	1.50	1.00	3.20	3.60	5.80	4.30	2.00	10.30
15	3.20	13.70	4.00	4.00	3.00	.90	3.00	3.40	4.60	4.10	1.90	8.40
16	3.80	9.80	3.50	3.80	2.50	.90	2.80	3.10	4.30	3.90	1.80	7.20
17	4.20	7.50	4.00	3.50	2.00	.90	3.00	3.00	4.20	3.60	1.70	3.00
18	3.30	6.20	6.00	3.00	1.70	1.00	3.00	3.00	5.00	3.40	1.70	2.50
19	3.00	5.70	5.00	2.80	2.50	.90	7.60	4.00	5.30	3.20	1.50	2.40
20	2.80	5.20	4.60	6.50	2.30	.90	6.80	3.00	11.30	3.10	1.50	2.20
21	3.00	4.90	4.30	6.00	2.00	.80	7.90	4.50	5.50	3.00	1.50	2.10
22	3.20	5.10	4.00	5.80	1.70	2.00	4.00	4.00	3.00	2.80	1.50	2.00
23	3.00	5.20	3.80	5.50	1.60	2.50	3.00	3.80	2.80	2.60	1.50	2.00
24	3.60	5.60	3.50	4.00	1.30	2.60	3.00	3.60	2.60	2.40	1.40	1.90
25	3.20	6.00	3.20	3.70	1.30	3.00	2.60	5.00	2.70	2.30	1.30	1.80
26	3.30	8.90	6.00	3.50	1.30	2.50	2.30	4.80	2.30	2.10	1.80	1.70
27	3.20	10.40	5.60	3.20	1.30	2.00	3.00	4.60	2.20	2.00	1.20	3.00
28	3.00	9.50	4.00	2.30	1.30	1.80	4.00	4.20	2.10	1.80	1.20	4.00
29	2.80	.....	3.50	2.00	1.30	1.60	3.70	4.00	1.00	1.70	1.10	3.90
30	2.70	.....	3.20	2.00	1.30	2.00	4.00	3.80	1.00	1.60	1.00	3.70
31	2.50	.....	3.00	.....	1.20	.....	7.20	3.60	.....	4.00	.....	3.50

Ocmulgee River¹ at Macon, Georgia, for 1895.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.50	6.00	3.00	4.60	6.00	3.80	10.90	2.80	4.40	2.00	0.50	0.50
2	3.40	6.00	4.00	4.50	5.50	3.70	10.00	2.80	4.20	1.80	.77	.50
3	3.20	5.80	10.80	4.30	4.00	3.60	7.80	2.80	4.00	1.60	.85	.65
4	3.00	5.30	10.00	4.20	3.80	3.50	11.80	4.00	5.00	1.40	.67	.62
5	3.00	5.10	6.00	4.00	3.70	3.50	10.00	6.00	4.80	1.40	.55	.54
6	2.80	4.00	4.00	4.00	3.60	3.40	9.50	5.80	4.60	1.20	.45	.51
7	2.70	4.00	5.70	3.90	3.60	3.30	9.00	5.60	4.30	1.00	.36	.44
8	2.60	3.90	10.90	11.20	3.60	3.20	13.40	5.40	4.20	1.00	.47	.40
9	3.00	3.70	8.50	11.00	3.60	3.20	10.00	5.30	4.00	1.00	.55	.46
10	15.00	3.60	6.00	8.00	5.00	3.00	7.00	5.00	3.90	.80	.63	.45
11	14.50	3.50	4.00	7.00	5.00	3.00	5.00	4.90	5.00	.60	.65	2.50
12	11.50	3.50	4.00	6.50	5.50	2.90	4.00	4.70	4.80	.70	.60	2.29
13	7.00	4.00	6.00	6.00	5.30	2.90	3.90	4.50	4.50	.65	.77	1.51
14	6.00	4.20	14.50	5.80	5.00	3.00	3.70	4.00	4.20	.40	.94	1.11
15	5.00	4.70	15.80	5.30	4.80	4.00	3.50	7.60	4.10	.30	.72	1.01
16	3.00	4.50	16.40	5.00	4.60	4.00	3.40	9.70	4.00	.20	.65	1.72
17	2.90	4.20	18.40	4.80	4.20	4.50	3.30	12.20	3.90	.20	.57	.58
18	2.70	4.10	16.80	12.50	5.00	4.30	3.20	13.00	3.70	.17	.55	.64
19	2.60	4.00	12.00	10.00	4.20	4.00	3.30	12.00	3.60	.20	.50	.61
20	2.50	3.90	9.00	8.00	4.00	3.90	3.60	9.00	3.50	.18	.50	.59
21	2.20	3.60	11.00	7.00	3.80	3.80	3.50	6.00	3.50	.25	.50	2.02
22	2.10	3.50	9.00	6.00	4.00	3.70	3.40	10.00	3.50	.22	.50	3.10
23	2.00	3.50	8.00	6.50	4.50	4.00	3.30	9.00	3.40	.21	.50	2.68
24	2.00	3.40	7.00	6.00	5.00	3.90	3.30	6.00	3.40	.21	.50	1.70
25	2.00	3.30	6.00	4.80	5.00	3.80	3.20	4.50	3.30	.17	.49	1.48
26	12.50	3.20	5.50	4.70	7.00	3.70	3.10	4.00	3.20	.10	.48	1.01
27	8.00	3.20	5.50	8.10	12.50	3.50	3.00	4.00	3.20	.18	.47	1.00
28	7.00	3.10	5.40	10.90	7.00	3.40	3.00	5.00	3.20	.18	.43	1.20
29	11.00	.....	5.30	10.00	5.00	3.20	2.90	4.00	3.10	.17	.55	1.30
30	11.00	.....	5.00	7.00	4.00	.....	2.90	4.00	3.00	.22	.54	1.35
31	7.00	.....	4.80	.....	3.90	.....	2.90	4.50	.....	.50	.....	4.46

¹ Record from United States Weather Bureau.
a From October 1 to 23, estimated by B. M. Hall.

Ocmulgee River at Macon, Georgia, for 1896.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	4.81	3.00	2.50	3.10	0.89	0.08	-0.90	1.02	0.11	-0.82	-0.14	9.50
2.....	3.50	2.90	2.20	3.00	.75	-.11	-1.00	1.50	.12	-.86	-.08	11.08
3.....	2.20	3.20	2.10	4.60	.63	.56	+.10	1.82	.11	-.88	-.02	12.60
4.....	1.70	3.00	2.00	3.40	.90	.85	.15	2.22	.28	-.81	10.00	10.20
5.....	1.42	2.90	2.00	2.90	2.12	1.92	2.00	2.62	.19	-.75	14.20	8.00
6.....	1.08	13.50	1.90	1.80	2.73	1.52	4.00	3.00	.19	-.79	14.40	6.15
7.....	.96	10.70	4.00	1.60	1.97	.96	5.30	3.05	.19	-.78	8.80	4.52
8.....	1.72	7.50	6.00	1.10	1.62	.73	11.00	2.78	.12	-.82	5.40	3.62
9.....	2.83	13.10	5.00	1.10	.86	.25	20.00	2.41	.08	-.82	3.22	3.00
10.....	2.77	11.90	4.00	1.40	.61	.01	19.40	1.88	.04	-.82	2.25	2.42
11.....	2.10	8.70	5.00	1.30	.38	-.05	15.00	1.48	.01	-.73	1.50	1.98
12.....	1.60	7.00	7.20	1.10	.30	-.10	10.20	.40	-.01	-.62	1.18	1.58
13.....	1.50	6.30	6.50	1.20	.19	-.17	8.20	.20	-.31	-.75	10.00	1.26
14.....	1.20	6.50	6.20	1.20	.11	.29	7.10	.13	-.45	-.73	8.10	1.12
15.....	2.00	5.00	6.00	1.13	.09	.32	7.00	.25	-.80	-.65	5.32	11.70
16.....	2.50	4.80	6.00	1.12	.07	.20	6.20	1.08	-.68	-.77	1.53	6.00
17.....	7.20	4.20	5.50	1.09	.05	.25	16.00	.50	-.78	-.80	1.14	4.62
18.....	5.00	3.40	5.30	1.05	.03	.25	18.20	.60	-.80	-.83	.97	3.94
19.....	4.50	3.20	5.00	.98	-.05	.30	13.00	.38	-.82	-.85	.85	2.85
20.....	4.00	3.00	4.90	.94	-.10	.40	7.05	.20	-.91	-.88	.63	2.38
21.....	3.90	2.90	4.70	.86	-.10	.47	3.80	.11	-.90	-.89	.70	2.00
22.....	3.70	2.70	4.50	.76	-.15	.56	3.20	.08	-.82	-.90	.62	1.90
23.....	9.40	2.00	4.20	.71	-.05	.70	3.00	-.06	-.41	-.73	.58	1.76
24.....	13.80	2.50	5.00	.63	.56	.50	2.90	-.05	-.48	-.40	.58	1.38
25.....	12.00	2.48	5.00	.63	.50	.30	2.85	.00	-.61	-.52	.51	1.18
26.....	9.30	2.40	4.80	1.02	.78	-.20	2.70	-.03	-.72	-.25	.51	1.11
27.....	7.00	2.30	4.70	2.90	.52	-.35	2.40	-.04	-.78	-.08	.50	.96
28.....	5.80	3.30	4.60	2.32	.34	-.65	2.10	-.07	-.83	-.20	.47	.90
29.....	5.30	2.80	4.40	1.36	.17	-.75	1.92	-.07	-.91	-.32	.44	.83
30.....	4.80	.....	4.20	1.02	.12	-.85	1.66	-.09	-.80	-.23	.32	.78
31.....	3.20	.....	4.10	.....	.12	.....	1.41	-.12	.....	-.18	.....	.70

a Gage heights from March 1 to April 14 supplied from Weather Bureau records.

Chattahoochee River at Oakdale, Georgia, for 1895.

Day.	Oct.	Nov.	Dec.	Day.	Oct.	Nov.	Dec.	Day.	Oct.	Nov.	Dec.
1.....	0.75	0.50	12.....	.....	1.35	1.10	23.....	0.20	0.50	2.00
2.....	1.70	.50	13.....	.....	1.00	1.00	24.....	.30	.50	1.20
3.....	1.00	.55	14.....	.....	.75	.65	25.....	.25	.50	1.00
4.....60	.60	15.....	0.40	.60	.60	26.....	.20	.55	.55
5.....50	.60	16.....	.40	.60	.55	27.....	.25	.55	.80
6.....55	.50	17.....	.35	.55	.55	28.....	.25	.70	.75
7.....45	.45	18.....	.30	.60	.50	29.....	.30	.75	.70
8.....40	.40	19.....	.25	.50	.40	30.....	.50	.45	2.00
9.....60	.40	20.....	.30	.55	.50	31.....	.50	.....	2.95
10.....80	.60	21.....	.20	.50	.65	.....	.....	.....	.....
11.....	1.00	1.30	22.....	.25	.50	1.00	.....	.....	.....	.....

Chattahoochee River at Oakdale, Georgia, for 1896.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	3.20	1.70	1.40	1.40	0.75	0.25	0.35	0.45	-0.40	0.20	0.50	0.65
2.....	2.00	1.55	1.35	1.70	.75	1.40	.40	.50	-.60	.10	.50	1.20
3.....	1.00	1.75	1.40	2.75	.75	1.45	-.45	1.40	-.60	.05	.65	1.70
4.....	1.20	2.10	1.45	1.85	.70	2.10	+ .15	1.70	-.60	-.20	1.13	3.20
5.....	1.10	2.20	1.40	1.35	.65	1.60	.20	.75	-.60	-.30	1.60	2.30
6.....	1.00	2.80	1.35	1.30	3.15	1.15	-.15	.40	-.60	-.35	1.35	1.30
7.....	.80	3.70	1.95	1.10	1.70	.60	+2.00	.20	-.60	-.40	1.20	1.15
8.....	.95	4.30	1.75	1.15	1.20	.40	12.25	.15	-.55	-.50	1.10	1.00
9.....	1.20	5.80	1.55	1.05	.90	.70	17.70	.15	-.55	-.50	1.00	1.00
10.....	1.25	6.55	1.50	1.05	.75	.70	18.45	.10	-.50	-.50	1.05	1.00
11.....	1.00	4.30	1.75	1.05	.65	.65	4.75	.05	-.50	-.60	1.05	.90
12.....	.85	3.30	1.85	1.00	.60	.50	3.25	.05	-.55	-.60	1.60	.70
13.....	.80	2.80	1.55	1.00	.50	.30	3.10	.30	-.60	-.55	3.80	.60
14.....	.75	2.95	1.35	.90	.50	.20	2.90	.25	-.60	-.55	4.60	.65
15.....	.70	4.10	1.20	.90	.40	-.05	1.95	.05	-.60	-.55	2.60	.70
16.....	.85	2.90	1.15	.90	.30	+ .05	3.00	.10	-.65	-.55	1.50	.65
17.....	2.40	2.55	1.10	.85	.30	-.05	4.40	.10	-.65	-.55	1.00	.65
18.....	2.35	2.20	1.35	.85	.25	+ .10	2.70	.10	-.65	-.55	.80	.65
19.....	2.10	2.10	1.70	.85	.25	.15	1.75	-.10	-.65	-.55	.60	.65
20.....	1.50	1.80	1.65	.85	.20	.55	1.90	-.25	-.65	-.55	.50	.65
21.....	1.25	1.60	1.45	.75	.15	1.60	1.65	-.30	-.50	-.55	.40	.60
22.....	1.80	1.45	1.35	.75	.20	.45	1.90	-.30	-.15	-.50	.40	.55
23.....	6.30	1.55	1.40	.65	.20	.50	2.45	-.30	+ .40	-.23	.30	.50
24.....	9.80	1.60	1.45	.70	1.10	.30	2.40	-.30	.60	-.05	.25	.50
25.....	9.95	1.50	1.40	.65	1.55	.20	1.50	+1.00	-.10	+ .05	.20	.45
26.....	5.10	1.40	1.35	.65	.65	-.10	1.30	-.10	.40	.10	.20	.45
27.....	3.55	1.35	1.25	1.40	.85	+ .45	.90	-.30	.40	.15	.20	.40
28.....	2.65	1.30	1.20	1.70	.65	-.10	.80	-.20	+ .20	.25	.20	.35
29.....	2.30	1.55	1.15	1.15	.95	-.20	.80	-.30	.45	.90	.20	.35
30.....	2.10	.....	1.20	.85	.40	-.25	.80	-.35	.30	.65	.20	.30
31.....	1.80	.....	1.20	.....	.35	.....	.50	-.40	.....	.50	.....	.25

Chattahoochee River at Westpoint, Georgia, for 1896.

Day.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	2.70	1.30	4.10	1.70	4.20	17.....	1.60	0.85	1.10	3.00	3.00
2.....	3.90	1.20	4.00	2.00	4.00	18.....	1.55	.80	1.10	2.60	3.00
3.....	4.50	1.10	3.00	3.25	3.75	19.....	1.50	.80	1.10	2.55	2.90
4.....	6.00	1.05	2.60	8.00	3.60	20.....	1.45	.80	1.10	2.40	2.80
5.....	5.50	1.00	2.40	9.20	3.40	21.....	1.40	.80	1.15	2.25	2.70
6.....	5.00	1.00	2.00	7.60	3.20	22.....	1.40	3.30	1.10	2.25	2.60
7.....	3.65	1.00	1.90	5.50	3.10	23.....	1.30	3.00	1.50	2.20	2.40
8.....	3.20	1.05	1.50	4.30	3.10	24.....	1.20	2.50	1.75	2.20	2.20
9.....	2.75	1.10	1.30	3.45	3.05	25.....	3.00	2.00	1.75	2.90	2.15
10.....	2.60	1.05	1.25	2.80	3.00	26.....	2.00	1.70	1.70	1.90	2.10
11.....	2.20	.95	1.25	2.00	2.90	27.....	1.80	1.60	1.65	1.80	2.10
12.....	2.00	.85	1.20	2.15	2.80	28.....	1.75	1.40	1.60	2.00	2.05
13.....	1.85	.85	1.15	6.30	2.65	29.....	1.60	3.60	1.50	4.00	2.00
14.....	1.70	.90	1.15	5.00	2.50	30.....	1.50	4.20	1.50	4.30	1.95
15.....	1.60	.90	1.15	4.50	3.00	31.....	1.40	.....	1.45	.....	1.90
16.....	1.60	.85	1.15	3.30	3.10						

Etowah River¹ at Canton, Georgia, for 1892.

Day.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....		1.00	1.00	0.80	1.00	0.30	0.80	0.10	0.10	0.20
2.....		1.00	1.00	.80	.80	.30	.60	.00	.10	.20
3.....		1.00	1.00	2.00	.70	.30	.40	.00	.10	.20
4.....		1.00	1.00	3.80	.70	.30	.30	.00	.10	.20
5.....		1.00	1.00	1.00	2.00	.30	.20	.00	.10	.20
6.....		9.00	1.00	1.50	2.00	.30	.10	.00	.10	.10
7.....		17.80	1.00	.80	1.50	.30	.10	.00	.10	.10
8.....		11.80	1.00	.80	1.00	.20	.10	.00	.20	.10
9.....		4.00	1.00	.60	.80	.20	.10	.00	1.00	.10
10.....		3.00	1.00	.60	2.40	.20	.10	.00	3.00	.10
11.....		2.00	1.50	.60	5.20	.20	.10	.00	1.00	.10
12.....	1.10	2.00	1.10	.60	5.60	.20	.10	.00	.50	.10
13.....	1.00	2.20	1.00	.60	3.00	.20	.20	.00	.40	.10
14.....	.90	2.20	.90	.50	1.80	.20	1.00	.00	.30	.10
15.....	.90	2.20	.80	.40	1.80	.20	.80	.00	2.00	.10
16.....	.90	2.20	.80	.40	1.00	.10	.60	.00	1.00	.10
17.....	.80	2.10	.90	.40	.80	.20	.50	.00	.50	1.00
18.....	1.40	1.80	1.20	.40	.60	.80	.40	.00	2.00	.60
19.....	.90	1.70	1.80	.60	.50	.60	.30	.00	1.00	.40
20.....	.90	5.40	1.00	1.80	.60	.60	.20	.00	.80	2.00
21.....	.90	2.30	.90	1.40	.50	.60	.20	.00	.60	1.50
22.....	.80	1.90	.90	1.00	.70	.70	.20	.00	.40	1.00
23.....	.80	2.20	1.00	1.00	.70	.90	.20	.00	.40	.50
24.....	1.20	2.00	.90	.80	.60	1.50	.20	.00	.30	.40
25.....	1.40	2.00	.90	.70	.60	1.50	.10	.00	.20	.40
26.....	6.00	1.50	.80	1.70	.60	1.00	.10	.00	.20	.40
27.....	5.00	1.40	.80	1.00	.50	1.00	.10	.10	.20	.40
28.....	2.40	1.10	.80	2.00	.40	.80	.10	.10	.30	.40
29.....	1.80	1.00	.80	1.00	.40	.80	.10	.10	.20	.40
30.....	1.40	1.00	.80	1.00	.30	.60	.10	.10	.20	.40
31.....	1.40		.80		.30	.60		.10		.40

Etowah River¹ at Canton, Georgia, for 1893.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	0.30	0.60	2.00	0.80	0.30	0.60	0.60	0.10	1.00	0.00	-0.20	0.10
2.....	1.00	.50	1.00	.70	.30	2.00	1.00	.80	.00	.00	-.20	.10
3.....	.60	.40	1.00	.70	.90	5.60	.60	.30	.60	.00	-.20	.10
4.....	.50	.40	1.00	.70	1.20	2.00	.50	.20	.40	.00	-.20	.40
5.....	.40	.40	1.00	.70	.90	1.00	.50	.80	.20	.10	-.20	.40
6.....	.30	.30	1.00	.70	.90	3.00	.40	.60	.00	.10	-.20	.20
7.....	.30	.30	1.00	.70	2.00	3.80	.40	.40	.00	.10	-.20	.20
8.....	.30	.30	1.00	.60	1.00	2.00	.40	.30	.00	.10	-.20	.20
9.....	.30	.30	4.80	.60	2.00	1.00	.40	.30	.10	.10	-.20	.20
10.....	.30	.20	2.00	.60	1.00	.60	.40	.30	1.00	.00	-.20	.20
11.....	.30	2.00	1.20	.50	.90	.60	.40	.30	3.00	.00	-.20	.20
12.....	.30	2.20	1.50	.50	.80	.60	.30	.30	4.00	.00	-.20	.20
13.....	.40	4.20	1.30	.50	.70	.60	.30	.30	3.80	.00	-.20	.10
14.....	.40	3.00	1.00	.50	.70	.50	.30	.30	1.50	.00	-.20	.00
15.....	.40	3.00	1.00	.40	.60	.50	.30	.30	1.00	.00	-.20	.00
16.....	.30	12.00	1.00	.40	1.00	.50	.30	.30	.50	.00	-.20	.20
17.....	.30	5.00	.80	.40	.90	.50	.30	.30	.30	.00	-.20	.20
18.....	.30	8.00	.80	.40	.80	.40	.30	.20	.10	.00	-.20	.20
19.....	.50	2.00	.70	.40	.80	.40	.30	.10	.10	.00	-.20	.20
20.....	.50	1.50	.70	.40	.70	3.00	.30	.10	.10	.00	-.20	.20
21.....	.40	1.40	.60	.40	.60	1.00	.30	.10	.00	.00	-.20	.10
22.....	.40	1.30	.50	.40	.50	.80	1.00	.10	.00	.00	-.20	.10
23.....	.40	1.00	.40	.30	.50	2.60	.80	.00	.00	.00	-.20	.10
24.....	.40	1.00	.80	.30	.40	1.00	.60	.60	.00	.00	-.20	.10
25.....	.40	1.00	1.40	.30	.40	.80	.50	.00	.00	.00	-.20	.10
26.....	.40	.80	1.00	.30	.40	.30	.40	.10	.00	.00	-.20	.10
27.....	.40	.80	1.00	.30	.40	.70	.30	.10	.00	.00	-.20	.10
28.....	.60	3.00	.80	.30	.40	.60	.20	.10	.10	.00	-.20	.10
29.....	1.50		.80	.30	.90	.60	.10	.10	.10	.00	+.20	.10
30.....	1.40		.80	.30	1.60	.50	.10	.10	.10	.00	+.20	.20
31.....	1.00		.80		1.00		.10		.10	.00		.20

¹ From United States Weather Bureau records.

Etowah River¹ at Canton, Georgia, for 1894.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	0.20	0.50	0.80	0.70	0.60	0.50	0.60	0.60	0.50	0.60	0.50	0.50
2.....	.20	.50	.80	.70	.60	.50	.60	.50	.50	.60	.50	.50
3.....	.20	.50	.80	.70	.60	.50	.60	.50	.50	.60	.50	.50
4.....	.20	.50	.80	.70	.60	.50	.60	1.50	.50	.60	.50	.50
5.....	.20	.50	.80	.80	.60	.50	.60	.50	.50	.60	.50	.50
6.....	.20	.50	.80	.80	.60	.50	.60	.50	.50	.60	.50	.50
7.....	2.00	.50	.80	.80	.60	.50	.60	.50	.50	.60	.50	.50
8.....	1.00	.50	.80	.80	.60	.40	.60	.50	.50	.60	.50	.50
9.....	1.00	1.50	.70	.80	.60	.40	.60	.50	.50	.60	.50	.50
10.....	1.80	1.00	.60	.80	.60	.30	.60	.50	.50	.60	.50	1.00
11.....	2.00	.80	.50	1.80	.60	.20	.60	.50	.50	.60	.50	2.00
12.....	1.00	1.00	.50	.80	.60	.20	.60	.50	.50	.60	.40	7.50
13.....	1.00	1.00	.40	.80	.60	.20	.60	.50	.50	.60	.40	2.00
14.....	.80	1.00	.40	.80	.60	.20	.50	.50	.50	.60	.40	1.00
15.....	1.80	1.00	.40	.70	.80	.20	.50	.50	.50	.60	.50	.60
16.....	1.00	1.00	.40	.60	.80	.20	.50	.50	.50	.60	.50	.60
17.....	.80	1.00	.40	.50	.80	.20	.50	.40	.50	.60	.50	.60
18.....	.60	1.00	.40	.50	.80	.90	1.00	.40	5.20	.60	.50	.60
19.....	.60	1.50	.40	.50	.80	.80	1.00	.40	1.20	.60	.50	.60
20.....	.80	1.50	.40	.80	.60	.60	1.00	.40	1.00	.60	.50	.60
21.....	.80	1.00	2.00	.80	.60	.60	.50	.40	.60	.60	.50	.60
22.....	.80	.80	1.80	.80	.60	.60	3.00	.40	.60	.60	.50	.60
23.....	.80	.80	.80	.60	.60	.60	1.00	.40	.60	.60	.50	.60
24.....	.80	.80	.80	.60	.60	.60	.50	.40	.60	.60	.50	.60
25.....	.80	.80	.80	.60	.60	.60	.50	1.00	.60	.50	.50	.60
26.....	.60	.80	.80	.60	.60	.60	.50	2.40	.50	.50	.50	.60
27.....	.50	.80	.80	.60	.60	.60	.50	1.00	.50	.50	.50	1.80
28.....	.50	.80	.80	.60	.60	.60	.50	.50	.60	.50	.50	1.80
29.....	.50	.80	.80	.60	.50	.60	.50	.50	.60	.50	.50	.80
30.....	.50	.80	.80	.60	.50	.60	.50	.50	.60	.50	.50	.80
31.....	.50	.80	.80	.60	.50	.60	.50	.50	.60	.50	.50	.80

Etowah River¹ at Canton, Georgia, for 1895.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	0.80	1.00	1.00	1.00	1.40	1.00	2.00	0.60	0.80	0.40	0.10	0.30
2.....	.80	1.00	1.00	1.00	1.60	1.00	1.00	.60	.80	.40	.10	.30
3.....	.80	1.00	2.00	1.00	1.00	.80	1.00	.60	.80	.40	.10	.30
4.....	.80	1.00	2.00	1.00	1.00	.80	1.00	.60	.80	.40	.10	.30
5.....	.80	1.00	2.00	1.00	1.00	.80	1.00	.50	.80	.40	.10	.30
6.....	.80	1.00	1.00	1.00	1.00	2.00	.80	.50	.80	.30	.00	.30
7.....	.80	1.00	1.00	1.50	1.00	1.00	1.00	.50	.80	.30	.00	.30
8.....	.80	1.00	1.00	4.50	1.00	1.00	2.50	2.00	.80	.30	.00	.30
9.....	7.60	1.00	1.00	2.00	1.00	1.00	2.00	.80	.80	.30	.00	.40
10.....	15.50	1.00	1.00	1.60	1.00	1.00	1.00	.80	.80	.30	.00	.50
11.....	9.80	1.00	1.00	1.40	1.00	.80	1.00	.80	.80	.30	.00	.50
12.....	3.00	1.00	1.00	1.40	1.00	1.00	.80	.80	.80	.30	.60	.50
13.....	1.50	1.00	2.00	1.20	.80	1.00	.80	.80	.80	.30	.60	.50
14.....	1.00	1.00	3.50	1.20	.80	1.00	.80	2.00	.80	.30	.50	.50
15.....	1.00	1.00	4.00	1.20	.80	.80	.80	1.00	.80	.30	.50	.50
16.....	1.20	1.00	6.00	1.20	.80	.80	.80	3.60	.80	.30	.50	.50
17.....	1.80	1.00	3.00	6.00	.80	1.00	.70	10.50	.80	.30	.50	.50
18.....	1.00	1.00	2.00	3.00	.80	.80	.90	2.50	.80	.30	.50	.50
19.....	1.00	1.00	1.60	1.50	.80	.80	.60	1.50	.80	.20	.50	.50
20.....	1.00	1.00	2.40	1.50	.70	.80	.60	1.00	.80	.20	.40	.50
21.....	2.00	1.00	5.60	1.40	.70	.80	.60	1.00	.70	.20	.40	1.00
22.....	2.00	1.00	2.80	1.40	.70	.80	.60	1.00	.70	.20	.40	1.00
23.....	1.00	1.00	2.00	1.40	1.00	.80	.60	1.00	.60	.20	.40	.60
24.....	1.00	1.00	2.00	1.30	1.00	.80	.60	1.00	.60	.20	.40	.60
25.....	1.00	1.00	2.00	1.20	2.80	.80	1.00	1.00	.60	.10	.40	.60
26.....	2.00	1.00	1.80	1.20	2.80	.80	.80	.80	.80	.10	.40	.60
27.....	1.00	1.00	1.40	1.60	3.00	.70	.80	.80	.60	.10	.40	.60
28.....	1.00	1.00	1.00	1.00	2.00	.70	.60	.80	.60	.10	.40	.60
29.....	2.00	.....	1.00	1.40	2.00	.70	.60	.80	.60	.10	.40	.60
30.....	1.00	.....	1.00	1.40	1.60	2.00	.60	.80	.50	.10	.40	.60
31.....	1.00	.....	1.00	.....	1.00	.....	.60	.80	.50	.10	.....	.60

¹From United States Weather Bureau records.

Etowah River at Canton, Georgia, for 1896.

Day.	Jan.	Feb.	Mar.	Sept.	Oct.	Nov.	Dec.
1	0.60	1.80	0.60	-----	0.00	0.00	1.00
2	.60	1.80	.50	-----	-.20	-.10	1.00
3	.60	1.80	.50	-----	-.30	-.10	.60
4	.60	1.80	.50	-----	-.30	.00	.30
5	.60	1.80	.50	-----	-.40	+2.80	.30
6	.60	2.00	.50	-----	-.40	.80	.20
7	.50	3.00	.80	-----	-.50	.60	.10
8	.70	3.00	.80	-----	-.50	.60	.10
9	.70	3.50	.80	-.65	-.50	.40	.10
10	.70	2.00	.80	-.60	-.30	.40	.10
11	.70	1.80	.80	-.60	-.30	.40	.10
12	.70	1.80	.80	-.65	-.40	.90	.00
13	.70	1.80	.80	-.70	-.20	3.60	.00
14	.70	1.00	.80	-.75	-.30	1.00	.00
15	.70	1.00	.70	-.60	-.40	.70	.20
16	.70	1.00	.80	-.55	-.40	.70	.40
17	1.00	1.00	.80	-.65	-.40	.40	.20
18	.80	1.00	.70	-.75	-.40	.20	.00
19	.80	1.00	1.00	-.75	-.40	.00	.00
20	.80	1.00	1.00	-.75	-.50	.00	.00
21	.80	1.00	1.00	-.75	-.50	.00	.00
22	1.00	.80	.80	-.60	-.50	.00	.00
23	3.80	.80	.80	-.10	-.50	.00	.00
24	5.80	.80	.80	-.30	.00	.00	.00
25	3.00	.80	.60	-.40	-.10	.00	.00
26	2.00	.60	.60	-.60	-.10	.00	.00
27	2.00	.60	.60	-.60	-.10	.00	.00
28	2.00	.60	.60	-.60	+1.12	.00	-.10
29	1.80	.60	.60	-.60	1.10	.00	-.10
30	1.80	-----	.60	-.70	1.00	1.00	-.10
31	1.80	-----	a 1.00	-----	.00	1.40	-.10

^a Weather Bureau discontinued observations March 31, 1896; Geological Survey began observations September 9, 1896.

Coosawattee River at Carters, Georgia.

Day.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	Aug.	Sept.	Oct.	Nov.	Dec.
1	-----	0.75	1.25	0.80	2.50	17	0.95	0.50	0.65	0.95	2.35
2	-----	.75	1.10	.85	2.25	18	.90	.50	.60	.90	2.20
3	-----	.75	1.00	1.00	2.00	19	.85	.45	.60	.90	2.05
4	-----	.70	.95	1.05	2.00	20	.80	.50	.55	.90	2.00
5	-----	.70	.95	3.10	1.90	21	.80	.50	.55	.85	1.85
6	-----	.65	.90	1.25	1.80	22	.80	.55	.60	.85	1.85
7	-----	.65	.80	1.00	1.80	23	.75	.65	.80	.85	1.80
8	-----	.60	.70	1.00	1.75	24	.95	.75	1.30	.90	1.70
9	-----	.60	.60	.90	1.65	25	.95	.65	.95	1.00	1.60
10	-----	.65	.50	.90	1.60	26	.95	.60	.60	1.00	1.50
11	-----	.70	.50	6.05	1.50	27	.90	.60	.60	.95	1.50
12	-----	.65	.80	3.50	1.40	28	.90	.55	.70	1.25	1.45
13	-----	.60	.90	2.60	1.40	29	.85	1.60	1.25	1.25	1.40
14	-----	.55	.80	1.40	1.35	30	.85	1.40	.90	3.50	1.40
15	-----	.55	.75	1.00	2.50	31	.80	-----	.80	-----	1.35
16	-----	.55	.70	.90	2.50						

Oostanaula River at Resaca, Georgia, for 1892.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	6.00	5.80	3.86	4.00	3.50	4.60	2.30	1.90	2.10
2	5.60	5.50	3.90	4.00	3.50	3.60	2.20	1.90	2.10
3	5.30	5.30	4.60	3.70	4.00	3.00	2.20	2.20	2.20
4	5.10	5.10	10.70	3.60	3.70	3.00	2.20	3.60	2.20
5	5.00	5.00	7.50	4.20	3.30	2.90	2.20	4.00	2.20
6	17.20	4.80	6.60	9.80	3.00	3.00	2.20	3.00	2.20
7	28.70	4.70	5.70	8.70	3.10	3.00	1.90	2.40	2.20
8	32.00	4.70	5.00	7.30	3.00	2.80	1.90	3.60	2.20
9	30.70	4.60	5.60	5.40	3.00	2.70	2.30	4.60	2.20
10	28.10	4.60	6.70	9.20	3.40	2.70	2.20	11.40	2.20
11	24.40	5.50	5.60	13.70	3.70	2.60	2.10	10.00	2.20
12	18.30	5.60	5.00	13.50	3.20	2.50	2.10	6.90	2.20
13	10.20	4.80	4.30	12.50	3.50	2.50	2.10	4.30	2.20
14	8.10	4.50	4.10	10.10	3.20	3.10	2.10	3.70	1.90
15	8.70	4.40	3.80	8.50	3.00	2.90	2.10	6.60	2.20
16	7.70	4.20	3.70	7.50	2.90	2.70	2.00	7.80	2.60
17	7.00	4.20	3.60	6.30	2.80	2.50	2.00	6.20	3.00
18	6.90	4.20	3.60	6.00	3.10	2.50	2.00	5.90	5.60
19	6.70	6.50	3.60	5.20	3.30	2.50	2.00	7.20	6.60
20	8.40	6.00	4.30	6.80	3.20	2.60	1.90	5.70	7.00
21	8.00	5.10	5.20	5.70	3.30	2.90	1.90	4.50	10.00
22	6.90	5.10	6.50	5.50	3.10	5.00	1.90	4.10	8.00
23	7.50	5.30	5.40	5.00	7.10	5.20	1.90	3.90	5.60
24	6.90	4.70	4.50	4.60	9.40	3.20	1.90	3.70	4.00
25	6.30	4.40	4.50	4.30	6.00	2.90	1.90	3.50	3.60
26	6.00	4.20	5.30	4.20	4.60	2.70	1.90	3.30	3.40
27	5.70	4.10	4.60	4.30	4.80	2.60	1.90	3.20	3.00
28	5.60	4.00	7.70	3.80	4.40	2.50	1.90	3.30	2.90
29	5.80	4.00	5.60	3.70	4.00	2.40	1.90	3.90	2.60
30	6.60	3.90	4.40	3.70	3.90	2.30	1.90	3.70	2.50
31	-----	3.90	-----	3.60	4.60	-----	1.90	-----	2.30

Oostanaula River at Resaca, Georgia, for 1893.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.70	4.60	7.80	4.30	3.70	4.40	3.20	2.40	2.30	1.70	1.40	1.90
2	4.82	4.30	6.30	4.20	3.60	7.20	3.20	2.40	3.60	1.70	1.40	1.80
3	4.70	4.00	5.60	4.00	7.00	7.93	3.80	2.50	2.30	1.70	1.50	1.80
4	4.40	4.10	6.60	4.00	14.50	7.20	3.70	2.40	2.00	1.70	1.60	4.00
5	4.00	4.00	7.20	4.20	13.50	5.09	3.30	4.80	1.90	2.00	1.60	3.80
6	3.70	4.00	6.00	4.80	13.40	7.99	3.00	3.20	1.80	1.80	1.60	3.00
7	3.60	4.00	5.50	5.10	8.70	15.10	3.00	3.50	1.70	1.70	1.50	2.40
8	3.50	4.20	5.20	4.40	7.20	12.20	2.90	3.20	1.80	1.70	1.50	2.00
9	3.40	4.00	10.60	4.10	6.20	7.70	3.30	2.90	1.90	1.70	1.50	1.90
10	3.40	3.80	13.30	4.00	5.90	6.00	3.00	2.50	2.10	1.60	1.50	1.90
11	3.00	9.00	9.00	3.90	5.30	5.20	2.90	2.30	2.90	1.60	1.50	1.90
12	3.00	13.00	8.20	3.90	4.80	4.70	2.80	2.20	4.40	1.60	1.50	1.80
13	3.30	14.10	7.80	3.80	4.50	4.40	2.70	2.30	5.60	1.60	1.50	1.80
14	3.00	15.50	6.70	5.00	4.40	4.30	2.60	2.80	5.20	1.60	1.50	1.80
15	3.00	12.20	6.00	7.86	4.20	4.10	2.50	3.20	4.40	1.60	1.50	1.80
16	3.00	18.90	5.40	6.40	4.70	4.00	2.70	2.80	3.20	1.70	1.50	1.90
17	3.00	20.90	5.20	4.60	5.30	3.90	2.50	2.60	2.50	1.60	1.50	2.20
18	3.00	20.10	5.10	4.30	4.80	3.80	2.50	2.30	2.30	1.80	1.50	2.80
19	3.00	18.30	5.00	4.10	4.40	3.80	2.40	2.20	2.10	1.60	1.50	2.50
20	3.00	16.80	4.80	4.40	4.00	3.90	2.60	2.10	2.10	1.60	1.50	2.20
21	3.00	13.60	4.60	5.50	3.80	4.80	2.60	2.00	2.00	1.60	1.60	2.00
22	3.00	7.90	4.50	5.10	3.70	4.50	3.60	1.90	1.90	1.80	2.00	1.90
23	3.00	7.10	4.50	4.30	3.60	6.70	3.20	1.90	1.90	1.70	2.00	1.80
24	3.50	6.40	4.70	4.00	3.60	5.50	2.60	1.90	1.80	1.60	1.80	1.80
25	4.40	5.90	7.70	3.80	3.50	4.20	2.40	1.80	1.80	1.60	1.70	1.70
26	4.80	5.50	6.30	3.90	3.40	3.90	2.30	1.70	1.80	1.60	1.70	1.60
27	4.80	5.20	5.00	4.00	3.30	3.80	2.30	1.70	1.80	1.60	1.70	1.60
28	4.50	6.90	4.70	4.20	3.70	3.70	2.30	1.80	1.80	1.50	1.70	1.60
29	5.20	-----	4.60	4.30	4.90	3.40	2.30	1.80	1.70	1.50	2.20	1.60
30	5.60	-----	4.80	3.80	7.90	3.20	2.20	1.70	1.70	1.50	2.00	2.60
31	5.10	-----	4.50	-----	6.70	-----	2.80	1.60	-----	1.40	-----	3.90

Oostanaula River at Resaca, Georgia, for 1894.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	3.40	3.20	8.10	3.70	2.90	2.40	1.70	2.10	1.90	1.00.	2.10	1.30
2.....	2.90	3.00	7.60	3.80	2.80	2.30	1.90	2.00	1.80	1.00	1.90	1.30
3.....	2.50	3.20	6.80	4.60	2.80	2.20	1.80	2.10	1.70	1.00.	1.70	1.30
4.....	3.30	7.90	5.80	4.30	2.90	2.10	1.70	1.80	1.50	1.00	1.60	1.30
5.....	2.20	9.90	5.20	4.40	2.90	2.00	1.60	2.80	1.40	1.00	1.50	1.30
6.....	2.30	10.10	4.70	4.30	2.80	2.00	1.50	2.10	1.40	1.00.	1.30	1.30
7.....	2.90	6.50	4.80	3.90	2.70	2.00	1.50	1.80	1.30	1.00	1.20	1.30
8.....	6.00	4.80	5.20	3.60	2.60	2.00	2.00	1.60	1.30	1.00	1.10	1.30
9.....	4.60	6.30	4.60	3.50	3.10	1.90	1.70	1.50	1.70	1.10	1.10	1.30
10.....	5.70	9.30	4.00	3.90	3.10	1.90	1.60	1.50	1.90	1.10	1.10	1.80
11.....	7.00	7.00	3.90	6.90	3.10	1.90	1.50	1.50	1.60	1.10	1.10	4.10
12.....	6.50	5.20	5.30	6.40	2.90	1.80	1.50	1.50	1.50	1.10	1.10	11.00
13.....	5.10	9.60	8.10	5.00	4.40	1.80	1.40	1.50	1.40	1.10	1.00	13.80
14.....	4.10	8.20	7.60	4.40	5.00	1.80	1.30	1.50	1.40	1.10	1.30	9.20
15.....	3.60	6.50	5.00	4.10	6.10	1.80	1.30	1.40	1.30	1.00	1.30	4.50
16.....	5.90	6.20	4.80	3.90	4.50	1.80	1.30	1.60	1.30	1.00	1.30	3.40
17.....	6.80	5.30	5.90	3.70	3.50	1.70	1.90	1.50	1.20	1.00	1.20	3.00
18.....	5.30	4.90	5.40	3.60	3.20	1.90	2.70	1.50	2.10	1.00	1.20	3.00
19.....	4.30	6.30	4.60	3.60	3.10	2.10	2.50	1.80	3.70	.90	1.20	2.70
20.....	3.80	6.70	4.30	4.20	3.90	2.70	2.70	2.40	2.00	.90	1.20	2.40
21.....	3.60	6.10	7.20	4.60	3.30	2.20	2.90	2.20	1.80	.90	1.20	2.30
22.....	4.70	5.50	10.00	4.00	3.20	2.10	3.00	2.00	1.60	.80	1.20	2.20
23.....	4.60	5.00	7.30	3.50	3.20	2.10	3.50	2.10	1.50	.80	1.20	2.10
24.....	3.90	4.60	5.80	3.40	3.20	2.00	2.50	1.90	1.40	.80	1.30	2.10
25.....	3.90	4.40	5.20	3.30	3.10	1.90	2.10	1.90	1.20	.80	1.90	2.00
26.....	4.30	5.60	4.80	3.20	2.80	2.50	2.00	2.80	1.20	.80	1.60	2.10
27.....	3.80	6.60	4.30	3.00	2.70	2.60	1.90	3.40	1.10	.80	1.40	13.20
28.....	3.50	7.70	4.00	3.20	2.60	2.50	2.30	2.60	1.10	.80	1.30	12.60
29.....	3.10	.....	3.90	3.00	2.50	2.00	2.60	4.60	1.00	.80	1.30	8.70
30.....	3.20	.....	3.90	3.00	2.50	1.80	2.40	3.20	1.00	1.20	1.30	4.20
31.....	3.20	.....	3.80	.....	2.40	.....	2.20	2.30	.....	1.70	.....	3.90

Oostanaula River at Resaca, Georgia, for 1895.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	3.50	7.00	4.70	5.30	5.20	4.10	8.00	2.60	2.90	1.90	3.50	2.10
2.....	3.30	6.90	4.70	5.20	4.70	4.00	5.20	2.40	2.80	1.90	3.00	2.10
3.....	3.40	10.20	12.30	5.30	4.60	3.80	4.90	2.30	2.80	1.90	2.70	2.30
4.....	3.40	8.90	12.00	5.00	4.30	3.70	4.70	2.20	2.80	1.90	2.20	2.30
5.....	3.40	7.20	9.30	4.70	4.20	3.70	4.00	2.20	2.80	1.90	2.20	2.20
6.....	3.40	6.30	6.50	4.60	4.30	6.80	3.90	2.20	2.80	1.90	2.20	2.10
7.....	3.80	6.40	5.80	5.60	5.30	4.80	3.90	2.40	2.70	1.90	2.10	2.10
8.....	8.80	7.30	5.70	15.30	6.00	3.90	8.00	5.40	2.60	1.90	2.10	2.10
9.....	20.20	5.20	6.00	13.30	7.70	3.70	8.10	3.80	2.60	2.10	2.10	2.30
10.....	23.20	5.00	5.20	10.00	7.70	3.50	7.30	3.40	2.60	2.00	2.20	3.00
11.....	25.80	5.00	4.60	6.70	6.00	3.40	4.90	2.80	2.60	1.90	4.20	2.90
12.....	26.00	4.90	5.20	5.50	8.70	3.60	4.20	4.30	2.60	2.00	3.90	2.80
13.....	22.70	4.80	6.00	5.50	9.00	3.80	4.00	3.70	2.60	2.00	3.20	2.50
14.....	14.90	4.70	13.20	5.20	7.10	3.50	3.80	3.60	2.50	2.00	2.70	2.40
15.....	6.50	4.70	13.80	5.20	6.00	3.40	3.60	3.20	2.40	1.90	2.40	2.30
16.....	6.30	4.70	12.40	6.00	5.20	3.40	3.70	3.40	2.30	1.90	2.40	2.30
17.....	8.10	4.70	11.50	7.80	4.80	6.90	4.00	9.20	2.50	1.90	2.30	2.20
18.....	7.10	4.40	8.50	6.30	4.70	5.70	3.60	7.50	3.10	1.80	2.20	2.20
19.....	6.00	4.40	7.20	5.70	4.60	4.20	3.20	5.60	2.70	1.80	2.20	2.20
20.....	5.50	5.10	12.60	5.20	4.40	3.70	3.00	5.40	2.50	1.80	2.10	2.20
21.....	13.40	6.20	10.80	4.90	4.20	3.50	3.00	4.50	2.30	1.70	2.20	3.50
22.....	12.80	6.60	10.90	4.80	4.20	3.80	3.00	6.30	2.20	1.70	2.10	5.20
23.....	9.90	6.20	17.80	4.70	4.10	3.70	2.90	4.60	2.10	1.70	2.10	4.40
24.....	7.70	5.50	13.20	4.50	3.90	3.20	2.80	4.00	2.10	1.70	2.10	3.50
25.....	6.40	5.00	7.70	4.50	5.30	3.10	2.70	3.80	2.10	1.70	2.10	3.10
26.....	7.60	4.80	7.50	5.30	6.10	3.00	3.20	3.60	2.10	1.70	2.10	3.10
27.....	7.60	4.70	6.70	5.70	8.60	2.90	3.20	3.30	2.00	1.70	2.10	3.60
28.....	6.30	4.70	6.30	6.30	7.90	2.80	2.90	4.80	2.00	1.80	2.10	4.60
29.....	8.00	.....	5.90	5.80	5.50	2.80	2.80	3.70	2.00	2.50	2.10	4.20
30.....	8.90	.....	5.60	.....	4.80	4.20	2.70	3.30	1.90	2.10	2.10	3.70
31.....	8.20	.....	.....	.....	4.30	.....	2.70	3.00	.....	2.20	.....	6.20

Lock No. 4.—This point is about 3 miles above Riverside, Alabama, and no water comes into the river between these points except Blue Spring Branch, which does not furnish a cubic foot of water per second. The measurements made from the bridge of the Southern Railway at Riverside, Alabama, may therefore be used in estimating the values of gage heights observed at Lock No. 4.

A record has been kept at this point by the United States Engineer Corps, which is given below.

Coosa River at Lock No. 4, near Lincoln, Alabama, for 1890.

Day.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	8.5	20.9	17.1	3.7	3.1	1.4	2.6	3.4	3.5	3.2	1.2
2	8.5	20.2	17.6	3.4	2.7	1.4	2.0	3.1	4.6	2.9	1.2
3	7.6	19.1	16.8	3.2	2.5	1.3	1.8	2.3	4.9	2.7	1.2
4	6.4	18.2	10.4	3.2	2.4	1.3	1.8	1.6	5.9	2.5	1.2
5	5.1	17.7	11.5	3.2	2.2	1.3	2.3	1.2	6.3	2.4	1.2
6	4.5	17.9	12.1	3.2	2.3	1.3	2.3	1.0	5.4	2.3	1.3
7	4.1	17.5	11.8	3.3	2.3	1.3	2.9	1.0	4.2	2.2	2.6
8	5.4	16.7	0.2	3.3	2.2	1.2	3.0	1.0	3.9	2.1	3.3
9	7.1	13.9	8.0	3.2	2.2	1.1	2.7	1.2	4.0	2.0	5.0
10	7.8	10.3	6.8	3.1	2.4	1.1	2.6	1.2	3.9	1.9	6.4
11	7.9	7.8	6.0	3.0	2.8	1.0	2.9	1.3	3.9	1.8	6.2
12	7.5	6.5	5.5	2.8	3.9	1.0	2.5	1.6	3.4	1.7	5.0
13	6.6	5.9	5.1	2.7	3.7	1.0	2.7	1.4	2.8	1.7	4.8
14	5.7	6.8	4.7	2.7	3.8	1.0	2.7	1.1	2.4	1.6	2.9
15	5.4	8.7	4.3	2.7	2.5	.9	2.0	1.0	2.2	1.6	2.5
16	5.5	9.2	4.1	3.2	2.2	.9	1.6	1.0	2.2	1.5	2.3
17	5.6	8.7	5.1	3.7	2.2	1.2	1.9	1.4	2.6	1.5	2.0
18	5.4	7.9	5.6	4.2	2.1	1.4	2.2	1.4	3.2	1.6	1.9
19	4.7	7.1	5.8	4.0	2.0	1.4	1.9	1.1	4.7	1.7	1.9
20	4.3	8.5	0.3	4.0	1.9	1.2	1.6	.9	4.9	1.7	2.0
21	3.9	10.5	5.7	3.9	2.3	1.1	1.4	.9	3.8	1.7	2.0
22	3.6	11.4	5.0	3.6	2.1	1.1	1.2	.9	3.6	1.7	1.9
23	3.5	14.4	4.3	4.0	1.9	1.1	1.0	1.1	8.9	1.5	1.8
24	5.2	14.2	3.9	4.1	1.8	1.1	.9	1.9	11.0	1.4	1.7
25	11.6	14.0	3.8	3.6	1.8	1.2	.9	5.1	11.5	1.3	1.7
26	16.4	13.4	3.7	3.1	1.7	1.5	.9	6.1	10.9	1.3	2.7
27	18.6	12.1	3.8	3.1	1.5	3.2	.9	6.0	8.9	1.3	4.6
28	-----	10.0	3.8	3.4	1.5	5.2	1.1	4.5	6.6	1.3	5.0
29	-----	7.9	3.8	3.4	-----	4.3	1.7	4.0	5.0	1.2	5.4
30	-----	6.4	3.7	5.1	-----	3.1	2.5	3.4	4.0	1.2	5.3
31	-----	6.0	-----	4.0	-----	2.8	-----	-----	3.6	-----	4.4

Coosa River at Lock No. 4, for 1891.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.6	13.7	10.0	12.2	3.9	2.8	1.6	8.6	1.5	0.4	0.1	1.5
2	5.4	13.8	8.3	13.5	3.6	2.4	1.5	10.8	1.3	.4	.1	1.3
3	6.6	14.4	7.5	13.8	3.5	2.2	1.5	11.7	1.3	.6	.1	1.3
4	7.5	15.1	7.0	13.5	3.5	2.2	1.5	11.3	1.4	.4	.1	1.0
5	7.6	14.9	6.7	12.3	3.4	2.0	1.4	9.9	1.6	.3	.1	2.3
6	6.7	14.5	9.1	9.9	3.3	2.0	1.4	7.0	2.8	.3	.1	3.1
7	5.2	16.3	12.7	8.0	3.1	2.0	1.3	6.2	3.8	.3	.1	5.1
8	4.1	16.7	16.2	7.0	3.0	2.1	2.0	4.7	3.0	.3	.1	5.8
9	3.6	16.0	18.9	6.5	2.9	2.4	2.5	3.4	1.9	.3	.1	6.4
10	3.4	19.0	18.9	6.0	2.8	6.6	2.6	2.7	1.6	.3	.4	5.9
11	3.7	18.8	18.3	5.8	2.8	5.6	3.8	2.4	2.1	.4	.3	4.4
12	4.9	18.3	18.2	5.7	2.8	3.9	4.0	2.2	1.6	.5	.4	3.0
13	6.5	19.2	18.1	5.6	2.8	3.3	3.6	2.2	1.4	.4	.6	3.0
14	6.5	19.4	18.0	5.5	2.7	3.9	2.8	2.1	1.6	.3	1.7	2.5
15	6.6	19.0	17.8	5.2	2.6	3.5	2.2	2.0	2.7	.3	1.0	2.0
16	5.7	18.4	17.6	5.2	2.6	3.1	1.7	1.9	2.6	.3	.7	3.2
17	5.4	18.1	17.4	5.1	2.8	2.8	1.5	1.7	2.1	.3	.6	4.6
18	5.4	17.6	16.4	4.9	2.7	2.8	1.5	1.6	1.6	.3	.5	5.4
19	5.6	16.9	15.1	4.9	2.7	2.9	1.6	1.6	1.3	.3	.5	4.8
20	5.3	16.2	11.3	4.9	2.8	3.0	1.5	1.6	1.0	.2	.5	3.8
21	4.9	16.2	8.1	5.1	2.8	3.8	1.8	1.7	.9	.2	.5	3.2
22	6.8	16.0	7.1	4.7	3.1	4.4	2.4	1.6	.8	.2	1.0	2.4
23	8.3	14.9	6.7	4.5	3.6	3.4	2.0	1.7	.7	.1	1.1	2.1
24	9.3	14.7	6.4	5.0	2.8	3.0	1.8	1.5	.7	.1	1.1	2.2
25	10.3	14.7	6.2	6.7	2.6	3.0	1.7	1.6	.6	.1	3.3	2.0
26	10.1	14.4	6.3	6.7	2.6	2.8	1.9	1.7	.6	.1	3.4	3.0
27	9.5	13.7	8.1	6.0	2.9	2.4	2.0	2.4	.7	.1	3.2	3.5
28	8.5	11.9	8.8	5.2	3.0	2.0	1.9	2.0	.5	.1	2.1	4.0
29	9.0	-----	9.3	4.6	3.2	1.8	2.3	1.5	.5	.1	2.0	4.1
30	11.0	-----	8.9	4.1	3.2	1.7	3.2	1.5	.5	.1	1.7	4.0
31	11.4	-----	10.4	-----	3.0	-----	2.9	1.5	-----	.1	-----	3.8

Coosa River¹ at Lock No. 4, for 1892.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	3.3	4.3	3.9	6.8	4.9	2.3	4.3	2.0	2.8	1.2	0.4	3.2
2.....	4.3	4.1	3.8	5.9	4.8	2.1	3.4	1.9	2.4	1.2	.4	2.8
3.....	5.8	4.0	3.6	5.5	4.6	2.5	2.5	1.8	2.2	1.2	.3	2.4
4.....	6.0	3.8	3.5	5.0	4.2	2.8	2.1	1.8	1.8	1.0	.4	2.4
5.....	5.2	3.8	3.3	4.7	3.8	3.5	2.0	1.7	1.5	.9	.5	2.7
6.....	4.6	3.7	3.2	6.6	3.6	5.1	2.1	1.7	1.4	.9	.5	2.4
7.....	4.2	3.7	4.0	20.8	3.5	5.5	2.1	1.6	1.3	.8	1.0	2.4
8.....	4.6	3.9	5.8	23.7	3.3	4.7	3.3	1.5	1.2	.8	1.0	2.8
9.....	5.0	4.6	8.0	23.4	3.3	3.8	5.6	1.5	1.2	.7	1.0	2.3
10.....	5.5	4.8	9.8	22.5	3.3	3.6	6.4	1.4	1.1	.7	1.2	2.2
11.....	5.8	5.0	10.4	22.3	3.5	3.5	6.3	1.4	1.0	.7	3.2	2.9
12.....	7.8	4.7	9.5	22.7	3.6	3.0	8.7	1.6	.9	.8	6.9	2.5
13.....	16.3	4.2	7.2	23.0	4.0	3.4	10.6	1.9	1.0	.8	6.9	2.4
14.....	19.3	3.8	5.8	22.6	4.0	3.0	10.9	1.7	.9	.8	4.7	2.1
15.....	19.7	3.8	4.9	21.6	3.6	2.5	11.3	1.6	.9	.7	3.9	2.4
16.....	19.1	3.9	4.5	20.0	3.3	2.2	9.4	1.5	1.0	.8	3.1	2.8
17.....	18.8	3.9	4.2	18.4	3.0	2.0	7.5	1.5	3.3	.8	-----	3.1
18.....	19.6	4.0	4.9	14.4	2.8	1.9	6.0	1.5	1.9	.8	6.0	4.4
19.....	21.5	4.1	5.9	8.5	3.5	1.8	5.5	1.4	1.3	.7	4.8	5.5
20.....	23.1	3.9	6.1	6.1	3.3	1.9	8.1	1.9	1.3	.5	4.0	6.0
21.....	23.4	4.2	5.9	6.0	3.7	2.1	6.4	2.1	1.9	.5	4.2	8.9
22.....	22.8	5.3	5.4	8.3	4.4	2.4	6.3	2.3	3.2	.5	3.9	9.2
23.....	22.1	7.2	5.2	8.4	3.8	4.4	5.3	2.4	5.5	.5	3.2	9.5
24.....	21.3	8.4	7.1	7.1	3.4	3.9	5.3	-----	5.8	.5	2.6	8.1
25.....	20.0	8.0	7.8	6.1	3.3	3.9	4.6	5.4	4.1	.5	2.2	6.3
26.....	18.9	6.6	9.4	5.8	3.3	3.3	3.8	7.0	3.3	.4	1.9	5.1
27.....	16.6	5.0	10.8	5.3	2.9	4.0	3.3	6.8	2.3	.5	1.8	4.2
28.....	11.0	4.6	11.4	4.8	2.8	4.1	3.0	5.1	1.8	.5	1.7	3.7
29.....	6.7	4.3	11.8	4.6	2.7	4.2	2.8	4.2	1.5	.5	1.9	3.3
30.....	5.4	-----	11.1	4.8	2.6	4.5	2.5	3.7	1.3	.4	3.3	2.9
31.....	4.5	-----	8.9	-----	2.5	-----	2.1	3.2	-----	.4	-----	2.6

Coosa River¹ at Lock No. 4, for 1893.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	2.7	5.6	7.1	3.6	4.5	5.4	1.9	1.0	.2	0.3	-0.1	0.3
2.....	2.8	5.0	7.9	3.5	5.2	7.4	1.8	.9	.2	.3	-.1	.3
3.....	3.1	4.4	8.1	3.3	9.7	7.9	1.7	1.1	.5	.3	-.1	.9
4.....	3.1	3.8	7.9	3.2	14.4	8.0	1.7	1.4	1.2	.3	-----	1.0
5.....	3.3	3.5	8.4	3.4	15.1	8.0	1.6	1.4	1.7	.2	.0	1.2
6.....	3.0	3.3	8.2	3.5	12.5	7.3	1.8	1.8	1.1	.2	.0	1.3
7.....	2.8	3.1	7.6	3.7	12.5	7.3	1.6	1.6	1.6	.2	.0	1.5
8.....	2.5	3.1	6.6	3.8	10.5	9.3	1.5	1.5	.5	.3	.0	1.2
9.....	2.2	3.1	7.7	4.0	9.8	10.4	1.5	1.5	.5	.3	.0	.7
10.....	2.1	3.0	8.8	3.8	7.9	10.2	1.4	1.4	.4	.3	.0	.6
11.....	1.9	3.8	3.8	10.1	3.3	6.4	7.9	1.5	1.5	.5	-.1	.4
12.....	2.1	6.5	10.5	3.0	5.6	5.6	1.4	1.4	.8	.1	.0	.3
13.....	2.0	9.2	9.8	2.9	4.9	4.2	1.4	1.0	1.5	.1	.0	.3
14.....	2.0	11.3	8.0	3.3	4.4	3.6	1.3	1.4	2.7	.1	.0	.3
15.....	2.1	12.1	6.9	4.0	3.9	3.1	1.2	1.3	3.3	.0	.0	.3
16.....	2.6	20.8	5.9	4.4	3.7	3.0	1.3	1.1	3.5	.0	.1	.5
17.....	2.4	20.6	5.3	4.4	3.5	2.9	1.2	1.2	3.0	.0	+	.6
18.....	2.1	19.5	4.8	4.3	3.2	2.6	1.1	1.3	2.1	.0	.0	.6
19.....	2.1	18.4	4.5	3.9	3.1	2.5	1.0	1.4	1.5	.0	.0	.9
20.....	2.0	17.8	4.2	3.3	3.0	2.9	.9	1.1	1.0	.0	.0	.7
21.....	2.0	17.3	4.0	3.6	2.8	2.8	1.0	1.0	.7	.0	.1	.7
22.....	2.0	16.8	3.8	3.8	2.6	2.4	.9	.8	.6	.0	.1	.6
23.....	2.0	15.9	3.7	3.7	2.5	3.0	.9	.5	.5	.0	.1	.4
24.....	2.1	14.0	3.9	3.6	2.3	3.1	.9	.4	.4	.0	.2	.3
25.....	2.8	9.4	5.9	3.3	2.2	2.9	1.3	.3	.3	.0	.2	.3
26.....	3.7	6.5	6.0	3.1	2.1	3.8	1.5	.3	.3	.0	.1	.2
27.....	4.7	5.5	5.8	4.8	2.0	3.7	1.2	.4	.4	.0	.3	.1
28.....	5.5	6.2	5.4	6.4	2.0	3.4	.8	.2	.2	.0	.3	.1
29.....	5.8	-----	4.2	5.9	3.0	2.0	.7	.1	.1	.0	.2	.9
30.....	5.8	-----	4.0	5.4	5.4	1.9	.7	.2	.2	.0	.1	.2
31.....	5.7	-----	3.7	-----	6.0	-----	1.0	.2	-----	.0	-----	-----

¹Record from United States Engineer Office.

Coosa River¹ at Lock No. 4, for 1894.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	2.3	2.1	7.4	2.8	1.7	0.7	0.7	0.9	1.4	0.1	-0.1	0.0
2.....	1.5	2.0	7.6	3.4	1.7	.7	.5	1.0	1.4	-.1	-.2	-.1
3.....	1.3	2.0	7.6	4.3	1.6	.6	.3	1.0	1.0	-.1	-.1	-.2
4.....	1.3	2.0	6.9	3.9	1.6	.6	.3	1.0	.8	-.3	.0	-.1
5.....	1.2	2.8	6.0	3.7	1.7	.5	.3	.7	.5	-.4	+.1	-.2
6.....	1.2	4.1	5.2	3.9	1.8	.5	.3	.7	.2	-.3	.0	-.2
7.....	2.5	5.0	4.6	2.7	1.7	.4	1.0	1.2	.1	-.2	-.1	-.3
8.....	4.1	5.2	4.2	.....	1.4	.4	1.0	1.2	.1	-.2	-.1	-.1
9.....	4.1	6.0	3.9	.....	1.4	.4	.8	.8	.1	-.2	-.2	.0
10.....	7.6	6.2	3.7	.....	1.4	.3	.8	.5	.1	-.1	-.3	+.1
11.....	9.3	6.3	3.4	.....	1.5	.3	1.3	.3	.0	-.3	-.3	.3
12.....	9.3	6.8	3.9	.....	2.2	.2	1.1	.2	.3	-.3	-.3	1.5
13.....	8.1	8.3	5.6	.....	1.9	.2	.5	.2	.4	-.2	-.4	6.0
14.....	6.8	8.9	5.6	.....	1.9	.2	.3	.2	.7	-.1	-.3	9.6
15.....	5.4	9.1	5.1	4.1	2.0	.1	.2	.1	.5	-.1	-.2	10.0
16.....	5.1	8.3	5.1	3.1	2.4	.1	.1	.1	.5	-.1	-.2	8.0
17.....	4.9	6.7	5.9	2.8	2.8	.1	.1	.1	.4	-.1	-.1	5.0
18.....	4.8	5.8	5.3	2.8	3.0	.3	.1	.2	.4	-.2	-.1	2.9
19.....	4.9	5.7	4.8	2.6	2.4	.3	.2	.1	1.4	-.3	.0	2.0
20.....	4.5	5.9	4.6	3.1	1.7	.7	.6	.6	3.9	-.4	.0	1.6
21.....	3.9	6.5	7.1	2.8	1.4	.8	1.6	.5	3.1	-.4	.0	1.4
22.....	4.0	6.6	8.7	3.0	1.4	.9	1.4	.2	2.9	-.3	.0	1.3
23.....	4.4	6.6	9.2	3.0	1.4	1.0	1.2	.3	1.3	-.4	.0	1.1
24.....	4.1	6.3	8.3	2.9	1.2	.9	1.4	1.9	.8	-.4	.0	.8
25.....	3.9	5.2	7.3	2.5	1.2	1.2	1.8	2.6	.5	-.3	.0	.7
26.....	3.5	5.5	5.8	2.1	1.2	2.4	2.1	2.0	.3	-.3	.0	1.0
27.....	3.1	5.9	4.7	2.0	1.2	2.4	1.4	1.8	.2	-.3	+.1	4.9
28.....	2.8	5.6	4.0	2.0	1.2	1.2	.9	1.5	.2	-.3	.4	6.9
29.....	2.7	.....	3.6	1.7	.9	1.0	1.9	3.7	.1	-.4	.2	8.4
30.....	2.5	.....	3.3	1.7	.9	.8	1.3	2.4	.2	-.1	.1	8.5
31.....	2.2	.....	3.0	.....	.8	.....	.9	1.6	.....	-.1	.....	6.8

Coosa River¹ at Lock No. 4, for 1895.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	4.5	8.4	4.4	5.6	5.2	4.8	2.2	1.6	3.3	0.8	0.9	0.9
2.....	3.0	8.0	6.1	5.4	5.2	4.0	2.6	1.5	3.1	.8	1.0	.9
3.....	2.5	9.0	8.2	5.0	4.8	3.8	4.0	1.5	2.7	.8	1.1	.9
4.....	2.3	9.2	9.4	4.8	4.4	3.6	4.8	1.5	2.6	.8	1.4	.8
5.....	2.3	9.4	9.8	4.6	4.8	3.4	5.4	1.4	4.1	.8	1.6	.8
6.....	2.4	8.6	9.0	4.2	4.4	3.4	4.8	1.3	3.1	.8	1.2	.8
7.....	2.5	8.0	8.0	5.4	4.4	3.4	3.2	1.3	2.8	.8	1.0	.9
8.....	5.4	7.0	7.5	9.6	5.0	4.0	3.0	1.3	2.8	.9	.9	.9
9.....	12.4	6.6	6.2	11.6	5.7	4.6	2.8	1.3	2.8	.8	.8	.9
10.....	15.7	8.8	5.8	12.0	5.8	3.8	2.6	1.4	2.5	.8	.9	.9
11.....	16.1	7.8	5.4	11.2	6.0	3.4	2.4	1.5	2.1	.7	1.0	.9
12.....	15.6	5.0	5.4	9.4	5.6	3.0	2.8	1.4	2.0	.9	1.1	.9
13.....	15.7	5.0	5.4	7.2	5.0	3.0	2.2	1.2	1.8	.9	1.4	1.2
14.....	15.3	5.2	8.0	5.8	5.0	3.0	3.5	2.9	1.7	.8	1.9	1.2
15.....	15.1	4.6	11.6	5.2	5.2	3.6	3.3	3.0	1.7	.8	2.0	1.2
16.....	15.0	4.4	15.6	5.0	5.0	3.4	3.4	2.7	1.6	.8	1.6	1.1
17.....	15.0	4.2	16.4	5.6	4.4	3.2	3.3	3.1	1.5	.8	1.3	1.0
18.....	12.4	4.4	13.6	6.2	4.0	3.0	3.1	4.0	1.5	.7	1.1	1.0
19.....	8.9	4.4	14.6	8.2	4.0	3.0	2.8	7.5	1.7	.7	1.0	.9
20.....	6.9	4.6	13.4	8.8	3.8	3.6	2.6	8.3	1.7	.7	1.0	.9
21.....	6.8	5.0	14.2	7.6	3.6	4.0	2.4	6.5	1.7	.6	.9	1.1
22.....	10.3	5.6	14.4	6.0	3.4	3.2	2.3	7.9	1.6	.6	.9	1.2
23.....	11.5	5.8	14.6	5.4	3.0	3.4	2.3	7.7	1.4	.6	.8	1.5
24.....	11.3	5.8	14.0	4.8	3.2	3.0	2.0	7.0	1.3	.6	.8	1.8
25.....	10.0	5.8	13.6	4.6	3.4	2.8	2.1	5.6	1.2	.6	.8	2.5
26.....	9.8	5.2	13.0	4.4	5.0	2.6	2.0	4.2	1.1	.6	.8	2.5
27.....	9.4	5.0	9.8	4.4	6.4	2.4	1.8	3.4	1.1	.6	.9	2.5
28.....	9.0	4.6	7.4	5.0	9.0	2.8	1.8	3.2	1.0	.7	.8	2.5
29.....	9.4	.....	6.2	5.6	9.0	2.2	1.9	3.2	1.0	.7	.8	2.5
30.....	9.2	.....	6.0	5.6	7.8	2.0	1.8	4.0	.9	.7	.8	2.5
31.....	9.0	.....	5.4	.....	6.0	.....	1.7	3.4	.....	.8	.....	2.8

¹Record from United States Engineer Office.

Coosa River' at Lock No. 4, for 1896.

Day.	Jan.	Feb.	Mar.	Apr.	May	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	4.0	3.8	3.4	3.5	2.5	0.1	0.6	1.3	0.6	0.2	0.7	1.5
2.....	4.1	3.8	3.3	5.2	2.4	.1	.5	1.1	.5	2.0	1.2	2.8
3.....	4.1	3.4	3.0	7.0	2.2	.1	.5	1.2	.3	3.5	1.0	4.7
4.....	3.5	3.5	2.8	8.5	2.1	.1	.5	1.4	.2	3.0	.6	5.6
5.....	3.5	3.5	2.8	7.3	2.8	.2	.4	1.4	.2	2.9	.5	3.6
6.....	2.6	6.5	2.7	7.3	2.9	.2	.5	1.4	.1	1.1	.5	2.7
7.....	2.1	10.0	3.0	6.8	2.9	.1	1.0	1.2	.1	.6	.5	2.2
8.....	2.0	11.8	3.1	5.0	2.7	.1	2.7	1.0	.1	.5	2.5	1.9
9.....	1.8	13.7	3.0	4.1	2.4	.1	4.7	.9	.1	.4	2.5	1.7
10.....	1.9	13.4	2.9	3.6	2.1	.1	6.2	.7	.0	.3	1.7	1.6
11.....	2.1	13.0	3.4	3.6	1.8	.2	7.5	.5	.0	.3	1.1	1.5
12.....	2.4	11.8	4.7	3.6	1.8	.2	7.0	.5	.0	.2	1.3	1.4
13.....	2.3	10.0	5.2	3.0	1.5	.1	4.8	.5	.0	.2	2.2	1.5
14.....	2.0	8.7	4.8	2.9	1.4	.1	2.8	.5	.1	.2	2.6	1.5
15.....	1.8	7.8	4.4	2.7	1.3	.1	2.6	1.0	.0	.2	4.4	1.6
16.....	1.8	7.6	4.1	2.5	1.2	.1	2.4	.6	.0	.2	6.0	1.4
17.....	2.8	7.6	5.0	2.5	1.2	.1	2.8	.5	.0	.1	5.4	1.7
18.....	3.4	6.8	5.8	2.4	1.2	.1	2.8	.5	.0	.1	4.4	2.0
19.....	4.1	6.0	6.8	2.4	1.1	.1	3.3	.5	.0	.2	3.8	2.0
20.....	4.0	5.2	7.7	2.2	1.1	.1	3.9	.5	.1	.2	1.8	1.7
21.....	3.6	4.5	8.0	2.1	1.1	.1	3.4	.4	.1	.2	1.4	1.4
22.....	4.4	4.1	7.4	2.0	1.0	.1	2.6	.4	.0	.2	1.3	1.8
23.....	6.9	3.9	6.5	2.0	1.1	.1	2.2	.4	.0	.1	1.1	1.3
24.....	9.0	3.5	5.7	2.0	1.4	.1	2.0	.4	.0	.1	1.0	1.3
25.....	9.6	3.3	5.2	2.0	.9	.1	1.9	.5	.0	.1	.9	1.1
26.....	10.0	3.2	4.8	2.2	1.2	.1	2.0	.4	.1	.1	.9	1.0
27.....	10.0	3.0	4.3	2.5	1.5	.....	2.0	.5	.1	.2	.9	1.0
28.....	8.7	3.0	4.0	2.7	1.5	.....	1.9	.7	.0	.2	.9	.9
29.....	7.8	3.0	4.0	2.4	1.3	.....	1.5	.9	.1	.5	.9	.9
30.....	5.2	.....	3.6	2.2	1.5	.....	1.3	.8	.2	.5	1.3	.8
31.....	4.4	.....	3.4	.....	1.4	.....	1.2	.7	.....	.5	.....	.8

¹Record from United States Engineer Office.

Lock No. 5.—This is a site for a proposed lock to improve the navigation of the Coosa River. It is about 6 miles below the crossing of the Southern Railway at Riverside, Alabama. Blue Eye Creek and Choccolocco Creek flow into the river between Riverside and Lock No. 5.

The record of gage heights furnished by the United States Engineer Corps is presented below:

Coosa River at Lock No. 5, Georgia, for 1892.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	2.0	2.9	2.5	4.9	3.0	1.3	2.6	1.0	1.5	0.8	0.2	1.9
2.....	2.8	2.7	2.4	4.0	2.9	1.3	2.7	1.0	1.5	.7	.2	1.6
3.....	3.3	2.5	2.3	3.6	2.8	1.5	1.5	1.0	1.3	.5	.2	1.4
4.....	3.7	2.4	2.1	3.3	2.8	1.6	1.2	.9	1.0	.5	.3	1.3
5.....	3.8	2.3	2.0	3.0	2.5	1.6	1.1	1.0	1.0	.5	.4	1.1
6.....	3.3	2.2	1.9	3.0	2.2	2.6	1.1	1.0	.8	.5	.3	1.5
7.....	2.5	2.1	2.1	16.8	2.1	3.1	1.0	.9	.8	.4	.5	1.4
8.....	2.2	2.5	3.4	19.4	1.9	2.9	.....	.8	.8	.4	.8	1.5
9.....	2.5	3.1	5.4	18.2	2.1	2.3	3.4	.8	.7	.4	2.0	1.9
10.....	3.5	3.0	6.7	17.2	2.2	2.2	4.3	.8	.7	.4	1.8	2.0
11.....	3.8	3.2	7.2	17.1	2.3	2.0	4.0	.9	.6	.4	3.5	1.5
12.....	4.4	3.0	6.7	17.4	2.4	1.8	5.7	.9	.6	.4	4.5	1.6
13.....	13.0	2.9	5.0	17.1	2.5	1.5	7.3	1.0	.5	.4	3.8	1.3
14.....	16.5	2.3	3.7	16.8	2.3	2.0	7.6	.9	.5	.4	2.7	1.2
15.....	15.8	2.3	3.0	16.1	2.3	1.4	8.0	.9	.5	.4	2.7	1.6
16.....	14.8	2.4	2.7	15.0	2.0	1.2	7.1	.8	.6	.4	1.9	1.8
17.....	14.2	2.4	2.6	13.6	1.9	1.1	5.1	.8	1.0	.4	2.0	2.1
18.....	14.4	2.5	2.4	9.5	1.9	1.1	4.0	.9	.8	.3	1.7	2.4
19.....	16.7	2.5	3.8	6.3	2.1	1.1	3.5	.8	1.3	.3	1.7	3.4
20.....	18.4	2.4	4.0	4.1	2.0	1.1	5.0	.8	1.7	.3	2.1	4.4
21.....	18.4	2.7	3.9	3.7	2.2	1.3	4.5	.9	2.0	.3	2.0	6.1
22.....	17.3	3.4	3.5	5.7	2.4	2.3	3.5	.9	2.5	.3	1.7	6.6
23.....	16.5	4.6	3.1	5.7	2.3	2.5	3.4	1.3	3.8	.3	1.7	6.4
24.....	15.7	5.6	4.9	4.9	2.0	2.3	3.6	1.7	3.8	.3	1.5	5.5
25.....	14.6	5.4	5.7	4.0	1.9	.....	3.2	3.4	2.4	.3	1.3	4.5
26.....	13.8	4.5	7.2	3.7	2.0	2.1	3.0	4.3	2.0	.3	1.1	3.1
27.....	12.2	3.5	8.7	3.3	1.7	2.2	2.8	4.7	1.4	.2	1.2	2.7
28.....	7.5	3.1	8.7	3.0	1.5	2.4	2.3	3.5	1.2	.2	1.1	2.4
29.....	4.5	2.7	8.6	2.8	1.5	2.4	1.5	2.7	.9	.2	1.3	1.9
30.....	3.4	.....	8.0	3.0	1.5	2.7	1.3	2.1	.8	.2	1.8	1.6
31.....	3.0	.....	6.9	.....	1.5	.....	1.1	2.0	.....	.2	.....	1.5

Coosa River at Lock No. 5, Georgia, for 1893.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	.....	3.4	5.0	2.1	2.8	4.7	1.1	0.5	0.2	0.3	0.0	0.2
2.....	.....	3.0	5.1	2.1	3.5	5.5	1.0	.5	.3	.3	.0	.3
3.....	.....	2.6	5.6	2.0	6.3	5.9	1.0	.5	.3	.3	.0	.3
4.....	.....	2.4	5.6	1.9	0.9	5.2	1.0	.6	.5	.3	.0	.3
5.....	.....	2.1	6.1	2.1	11.5	5.1	1.0	.8	.9	.3	.0	.5
6.....	.....	2.0	5.9	2.2	10.6	5.0	1.0	1.1	.7	.3	.1	.6
7.....	.....	1.8	4.6	2.3	19.1	5.0	1.0	1.4	.4	.2	.1	1.0
8.....	1.5	1.8	4.6	2.3	7.6	6.2	.9	1.7	.3	.2	.1	1.0
9.....	1.3	1.8	5.7	2.3	6.3	7.2	.8	1.8	.3	.2	.1	.8
10.....	1.2	1.9	6.4	2.2	5.7	7.2	.8	1.2	.3	.2	.1	.8
11.....	1.2	2.3	7.3	2.0	4.6	4.9	.7	.8	.5	.1	.1	.5
12.....	1.2	4.7	7.5	1.8	3.7	3.9	.7	.8	.9	.1	.1	.3
13.....	1.1	7.1	6.4	1.8	3.2	2.7	.7	.8	1.6	.1	.1	.3
14.....	1.2	8.0	5.6	2.0	2.7	2.2	.6	1.0	1.9	.1	.1	.3
15.....	1.2	12.3	4.6	2.2	2.6	2.0	.6	1.0	1.9	.1	.1	.3
16.....	1.3	18.1	4.0	2.6	2.3	1.7	.6	.8	2.0	.1	.1	.3
17.....	1.5	17.4	3.4	2.7	2.1	1.6	.6	.8	1.8	.1	.1	.3
18.....	1.5	15.3	3.1	2.7	2.0	1.6	.6	.9	1.6	.1	.1	.3
19.....	1.9	14.0	2.9	2.7	2.0	1.5	.5	.....	1.0	.1	.1	.3
20.....	1.7	13.7	2.6	2.2	2.0	1.4	.5	.7	.7	.1	.1	.4
21.....	1.6	12.9	2.5	2.3	1.8	1.4	.5	.6	.5	.1	.1	.4
22.....	1.5	12.4	2.4	2.4	1.7	1.5	.5	.4	.4	.1	.2	.5
23.....	1.1	10.4	2.3	.....	1.6	1.5	.5	.3	.4	.1	.2	.4
24.....	1.3	9.7	2.3	.....	1.4	1.9	.5	.3	.4	.0	.2	.4
25.....	1.3	7.5	3.8	.....	1.3	1.8	.5	.3	.3	.0	.2	.4
26.....	1.7	4.4	3.9	.....	1.3	1.9	.5	.2	.3	.0	.2	.3
27.....	2.0	3.6	3.7	.....	1.2	2.7	.5	.3	.3	.0	.2	.3
28.....	2.9	4.5	3.4	.....	2.8	2.1	.5	.2	.2	.0	.3	.2
29.....	3.9	.....	2.8	.....	3.4	1.5	.6	.2	.2	.0	.3	.2
30.....	3.9	.....	2.4	3.6	3.5	1.2	.5	.2	.2	.0	.2	.5
31.....	3.8	.....	2.3	.....	3.5	.....	.5	.2	.....	.0	.....	1.1

Coosa River at Lock No. 5, Georgia, for 1894.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	1.4	1.3	5.0	1.8	1.1	0.5	0.5	0.5	0.8	0.0	0.2	0.2
2.....	1.1	1.2	5.3	2.0	1.0	.5	.4	.5	1.0	.0	.2	.1
3.....	1.1	1.2	5.2	2.8	1.0	.5	.3	.6	.8	.1	.2	.1
4.....	1.0	1.3	4.5	2.6	1.0	.5	.3	.7	.5	.2	.1	.1
5.....	.9	1.7	4.0	2.2	1.0	.4	.2	.6	.3	.2	.1	.1
6.....	.8	2.3	3.4	2.3	1.0	.4	.2	.5	.2	.2	.1	.1
7.....	1.5	3.1	3.0	2.4	1.0	.4	.6	.5	.2	.2	.1	.1
8.....	2.9	3.2	2.7	2.2	1.0	.3	.7	.8	1.3	.2	.1	.1
9.....	2.8	3.7	2.6	2.0	.8	.3	.7	.6	.2	.2	.1	.1
10.....	5.7	4.3	2.5	2.5	.8	.3	.8	.5	.3	.2	.1	.3
11.....	7.4	4.2	2.1	3.3	.8	.3	.9	.4	.3	.2	.0	.5
12.....	7.5	4.7	3.2	3.1	1.7	.2	.6	.2	.6	.2	.0	2.4
13.....	6.0	6.1	3.5	3.0	1.3	.2	.4	.2	.8	.2	.0	3.8
14.....	4.6	6.3	3.8	3.1	1.3	.2	.3	.2	.7	.2	.0	6.7
15.....	3.6	6.4	3.3	2.7	1.3	.2	.3	.2	.5	.2	.0	7.0
16.....	3.6	5.7	3.4	2.3	1.5	.2	.3	.1	.3	.2	.0	5.7
17.....	3.3	4.6	4.5	2.0	1.7	.1	.2	.1	.3	.2	.0	3.6
18.....	3.3	4.3	3.9	1.7	1.8	.2	.2	.1	.8	.2	.1	1.9
19.....	3.3	3.6	3.2	1.6	1.5	.3	.2	.1	1.0	.2	.1	1.2
20.....	2.9	3.7	3.0	2.0	1.5	.4	.4	.1	1.7	.2	.1	1.0
21.....	2.5	4.3	5.3	1.9	1.0	.5	.8	.1	2.3	.3	.1	.9
22.....	2.4	4.6	6.3	1.9	1.0	.6	.9	.3	1.8	.3	.1	.8
23.....	2.6	4.1	6.9	2.0	1.0	.6	.7	.3	1.0	.3	.1	.6
24.....	2.5	3.4	6.3	1.8	.9	.5	.8	1.7	.6	.3	.1	.5
25.....	2.4	3.5	5.3	1.6	.8	.8	.9	1.5	.3	.3	.1	.5
26.....	2.1	4.0	4.0	1.4	.8	1.5	1.1	1.7	.3	.3	.2	.6
27.....	1.9	4.0	3.2	1.3	.8	1.4	.9	1.2	.2	.3	.2	3.2
28.....	1.7	4.4	2.7	1.2	.7	1.0	.5	.7	.2	.2	.3	4.5
29.....	1.6	.....	2.3	1.2	.7	.7	1.2	2.2	.1	.2	.2	5.5
30.....	1.5	.....	2.1	1.1	.6	.5	1.0	1.6	.1	.2	.2	5.7
31.....	1.4	.....	1.9	.....	.5	.....	.6	1.2	.....	.2	.....	4.6

Coosa River¹ at Lock No. 5, Georgia, for 1895.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	3.0	5.8	2.2	3.0	3.0	2.7	1.9	0.6	1.6	0.3	0.1	0.3
2.....	1.9	5.6	3.5	2.9	2.8	2.1	2.2	.6	1.5	.3	.1	.3
3.....	1.5	6.3	5.8	2.7	2.7	1.9	3.4	.6	1.4	.2	.1	.3
4.....	1.4	6.4	6.8	2.5	3.8	1.6	4.2	.5	1.3	.2	.4	.3
5.....	1.4	6.5	7.0	2.4	2.8	1.5	4.5	.4	2.1	.2	.7	.3
6.....	1.4	6.0	6.4	2.3	2.5	1.5	5.7	.4	1.6	.2	.6	.3
7.....	1.4	5.2	5.5	2.1	2.4	1.6	2.9	.4	1.4	.2	.5	.3
8.....	3.9	4.8	4.6	6.8	2.9	1.9	2.6	.5	1.3	.2	.3	.2
9.....	10.5	4.4	4.0	8.5	3.5	2.3	4.1	.5	1.2	.2	.2	.2
10.....	12.9	4.0	3.5	8.7	3.5	1.9	5.4	.6	.9	.2	.2	.2
11.....	12.6	3.5	3.3	8.0	3.7	1.3	6.0	1.0	.9	.2	.5	.2
12.....	12.0	3.0	3.3	6.9	3.7	1.3	5.2	1.1	.8	.2	.6	.2
13.....	11.4	2.9	3.3	5.0	3.5	1.4	3.4	1.0	.8	.2	.7	.3
14.....	11.3	2.8	5.1	3.6	2.9	1.4	3.4	1.3	.7	.2	.7	.5
15.....	11.3	2.5	8.5	3.0	3.0	1.4	1.9	1.5	.6	.2	.9	.5
16.....	11.3	2.3	13.8	2.8	2.9	1.3	2.0	1.3	.6	.2	.7	.5
17.....	11.4	2.2	13.6	3.4	2.4	1.3	1.8	1.5	.6	.1	.6	.5
18.....	9.5	2.2	12.5	4.0	2.0	1.3	1.5	2.0	.6	.1	.5	.5
19.....	6.5	2.2	11.3	5.5	1.9	1.4	1.4	4.0	.7	.1	.5	.5
20.....	4.8	2.5	10.3	6.1	1.7	1.5	1.2	5.1	.8	.1	.4	.5
21.....	4.4	2.9	10.8	5.1	1.7	2.4	1.2	4.0	.7	.1	.3	.5
22.....	6.9	3.2	10.7	3.8	1.6	1.7	1.0	5.1	.6	.1	.3	.6
23.....	8.1	3.4	10.9	3.1	1.5	1.7	1.0	5.2	.5	.1	.3	.7
24.....	7.0	3.5	10.6	2.7	1.4	1.1	1.0	4.6	.5	.1	.3	.8
25.....	6.8	3.1	10.0	2.5	1.5	1.1	1.0	3.5	.4	.1	.3	.8
26.....	7.1	2.7	9.0	2.3	2.0	1.2	.9	2.4	.3	.1	.3	1.1
27.....	6.8	2.5	7.2	2.4	3.6	1.1	.8	1.8	.3	.1	.3	1.2
28.....	6.5	2.3	5.1	2.6	5.6	1.0	.8	1.6	.3	.1	.3	1.2
29.....	6.7	.....	4.0	3.3	6.2	.9	.8	1.6	.3	.1	.3	1.3
30.....	6.5	.....	3.6	3.8	5.3	1.9	.8	2.1	.3	.1	.3	1.4
31.....	6.3	.....	3.3	.....	3.8	.....	.7	1.9	.....	.1	.3	1.6

Coosa River¹ at Lock No. 5, Georgia, for 1896.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	2.0	2.1	1.8	1.7	1.1	0.7	0.1	0.4	0.1	0.3	0.1	0.6
2.....	2.1	1.9	1.7	2.6	1.1	.7	.1	.4	.1	.6	.5	1.1
3.....	1.9	1.7	1.5	4.0	1.0	.6	.1	.4	.1	1.0	.3	2.3
4.....	1.6	1.7	1.5	5.2	1.0	.8	.1	.5	.2	1.3	.2	2.3
5.....	1.4	1.6	1.5	5.5	1.3	.9	.....	.5	.2	.8	.1	1.8
6.....	1.1	3.5	1.4	4.5	1.4	.9	.....	.5	.2	.4	.1	1.2
7.....	1.1	7.1	1.5	3.8	1.3	.8	.....	.4	.2	.2	.1	.9
8.....	1.0	8.8	1.7	2.8	1.2	.7	.....	.3	.2	.1	.....	.8
9.....	1.0	10.2	1.6	2.2	1.0	.6	.....	.2	.3	.1	1.0	.7
10.....	.9	9.9	1.5	1.9	.9	.7	.....	.1	.3	.1	.7	.6
11.....	1.0	9.4	2.1	1.8	.8	1.0	.....	.1	.3	.1	.4	.5
12.....	1.1	8.6	2.6	1.7	.7	.8	4.2	.1	.3	.2	.4	.5
13.....	1.1	7.2	3.0	1.6	.6	.7	2.7	.1	.3	.2	.8	.4
14.....	.9	5.7	2.7	1.5	.6	.6	1.5	.1	.3	.2	1.0	.4
15.....	.9	5.0	2.4	1.4	.5	.6	1.0	.1	.3	.2	2.0	.6
16.....	.9	4.9	1.2	1.3	.4	.5	1.0	.1	.3	.2	3.3	.5
17.....	1.5	4.7	2.7	1.2	.4	.4	1.4	.1	.3	.2	3.0	.6
18.....	1.8	4.1	3.3	1.1	.4	.3	1.4	.1	.3	.2	2.3	.7
19.....	1.8	3.5	3.7	1.1	.4	.3	1.5	.1	.3	.2	1.3	.8
20.....	2.2	2.9	4.8	1.1	.3	.3	1.9	.1	.3	.2	.8	.6
21.....	1.9	2.5	5.2	1.0	.3	.3	1.6	.1	.3	.2	.6	.5
22.....	2.3	2.2	4.8	.9	.3	.3	1.3	.1	.1	.2	.4	.4
23.....	4.6	2.0	4.0	.9	.3	.5	1.0	.1	.2	.2	.4	.4
24.....	6.0	1.9	3.4	.9	.4	.6	.9	.0	.3	.2	.4	.3
25.....	6.7	1.8	3.0	.9	.4	.5	.9	.1	.3	.2	.3	.3
26.....	7.1	1.7	2.6	.9	.5	.2	.9	.1	.3	.2	.2	.3
27.....	6.7	1.5	2.4	1.1	.6	.2	.9	.1	.3	.2	.2	.2
28.....	5.5	1.6	2.2	1.3	.6	.2	.8	.1	.3	.2	.3	.2
29.....	4.3	1.6	2.0	1.1	.6	.2	.6	.1	.3	.1	.3	.2
30.....	3.1	.....	1.9	1.0	.5	.2	.5	.1	.3	.1	.4	.2
31.....	2.4	.....	1.8	.....	.6	.....	.4	.1	.....	.1	.....	.2

¹ Record from United States Engineer Office.

Black Warrior River¹ at Tuscaloosa, Alabama, for 1889.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1....	15.00	23.50	18.80	8.50	8.80	2.30	2.40	3.70	0.75	2.40	0.90	6.00
2....	19.50	20.50	16.50	9.80	14.50	2.90	3.10	3.60	7.30	1.95	1.05	5.65
3....	18.00	17.50	25.00	10.30	13.20	2.75	4.40	3.00	6.40	1.65	1.85	5.30
4....	16.00	14.80	31.50	11.60	11.00	2.50	5.10	2.95	5.30	1.30	1.90	4.80
5....	25.00	13.00	29.40	10.50	8.50	2.30	6.25	2.90	6.20	1.15	3.85	4.50
6....	33.00	11.50	26.50	9.50	7.00	2.10	6.85	3.70	9.30	1.05	3.65	4.20
7....	33.50	10.40	23.00	8.40	5.80	1.90	6.45	3.45	14.90	.90	3.30	4.00
8....	29.50	9.30	20.10	7.30	4.60	1.70	5.70	2.95	19.00	.70	3.00	3.80
9....	26.80	8.30	17.50	6.80	4.30	2.00	4.75	2.60	14.00	.50	2.75	3.60
10....	28.40	8.00	15.00	6.40	4.00	2.60	3.85	2.00	9.90	.40	2.55	3.40
11....	29.00	7.80	12.80	6.30	3.80	2.85	3.05	1.75	5.50	.30	3.65	3.20
12....	25.50	7.60	11.00	6.00	3.20	4.20	2.85	1.55	5.25	.30	4.30	2.95
13....	22.50	7.30	10.00	5.60	3.00	3.40	2.45	3.85	4.15	.20	4.15	2.75
14....	19.00	7.00	9.20	5.50	3.10	4.00	2.15	3.60	3.30	.15	3.75	2.70
15....	16.00	7.30	8.80	8.00	3.20	3.45	1.95	3.35	2.70	.15	3.50	2.65
16....	13.60	27.50	8.10	16.80	3.00	3.25	4.20	3.15	2.25	.15	4.20	2.50
17....	29.00	49.00	7.20	16.70	2.80	3.05	7.35	3.80	2.00	.10	5.20	2.30
18....	40.50	56.40	7.10	14.00	2.50	2.85	11.35	3.50	1.55	.10	12.45	2.20
19....	38.50	56.60	11.00	12.00	2.35	2.65	11.50	3.20	1.40	.05	18.90	2.10
20....	34.00	53.00	12.50	10.00	2.25	2.45	8.40	2.90	1.30	.05	16.90	2.05
21....	30.30	47.00	12.30	8.90	2.05	2.25	4.60	2.40	1.20	.05	14.10	2.00
22....	28.10	41.50	11.80	8.90	1.85	3.25	4.55	1.90	1.10	.00	11.70	2.00
23....	26.00	36.50	10.80	7.00	1.65	3.45	4.50	1.50	1.00	—	10	9.70
24....	23.10	32.50	10.00	6.40	1.50	3.20	3.70	1.20	1.00	—	.30	7.90
25....	21.00	28.50	9.80	6.30	1.30	3.00	3.15	.90	.95	—	.15	6.60
26....	20.40	26.50	11.20	6.80	1.25	2.40	3.10	.75	2.25	+	.10	6.30
27....	28.00	23.50	11.80	6.50	1.15	1.95	4.55	1.00	3.70	.35	6.10	1.95
28....	33.50	21.40	12.30	6.20	1.05	1.55	4.05	.95	3.50	.35	5.90	1.90
29....	33.80	-----	11.00	5.80	.95	1.25	4.00	.90	3.25	.40	5.80	1.90
30....	30.00	-----	10.50	5.50	1.15	1.10	4.00	1.10	2.60	.90	6.30	3.00
31....	27.00	-----	9.80	-----	1.10	-----	3.80	1.05	-----	1.00	-----	4.85

Black Warrior River¹ at Tuscaloosa, Alabama, for 1890.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	7.70	30.20	58.90	24.50	16.70	7.75	1.80	5.00	8.00	9.30	3.75	1.00
2.....	7.20	26.20	57.40	34.50	13.70	6.50	1.65	4.05	5.80	7.40	3.35	1.00
3.....	6.20	22.50	52.40	34.10	11.95	5.65	1.45	3.25	4.35	6.10	3.10	1.00
4.....	5.20	19.05	45.80	43.60	12.75	5.00	1.25	2.85	3.40	5.10	2.85	1.00
5.....	5.20	16.40	40.85	45.90	14.65	4.40	1.10	3.15	3.10	4.40	2.55	1.00
6.....	4.80	13.90	37.15	44.50	16.50	4.00	.80	3.35	3.85	3.80	2.40	1.00
7.....	4.50	12.10	35.40	38.70	15.00	5.20	.60	3.75	4.35	3.50	2.25	1.20
8.....	4.55	44.30	32.60	34.00	13.50	5.60	.50	4.55	4.80	3.45	2.15	10.05
9.....	5.10	53.95	30.50	29.95	11.95	5.40	.45	4.30	2.85	4.50	2.05	10.10
10....	5.30	52.90	27.50	26.70	10.10	5.25	.30	4.30	3.20	4.45	2.00	8.95
11....	5.60	47.50	25.00	23.45	9.30	5.00	.20	6.10	2.90	4.10	1.95	7.10
12....	5.45	42.20	23.00	20.45	8.35	6.00	.15	6.40	3.45	3.80	1.75	5.80
13....	5.30	37.20	20.75	17.45	8.35	6.20	.05	5.30	3.95	3.50	1.65	4.60
14....	5.20	32.65	22.50	14.50	9.00	6.20	1.05	4.50	5.80	3.20	1.60	3.70
15....	5.60	29.45	38.20	12.15	8.75	5.60	2.55	3.20	5.55	2.80	1.60	3.30
16....	11.20	26.95	38.00	10.65	8.65	5.05	3.10	2.80	4.50	2.70	1.55	2.95
17....	19.30	23.95	35.80	10.35	9.50	4.35	3.55	2.60	3.55	2.60	1.65	2.80
18....	21.00	21.45	32.30	12.95	8.90	4.30	3.65	2.70	2.90	2.40	1.60	2.75
19....	18.40	18.45	29.00	13.20	8.15	4.20	4.15	2.55	2.45	2.30	1.55	2.20
20....	15.40	15.65	27.20	13.95	7.95	3.70	4.75	2.40	2.10	2.10	1.50	2.00
21....	13.30	13.45	32.40	12.15	7.95	3.20	4.20	2.20	1.75	2.00	1.50	2.00
22....	11.60	12.00	34.45	10.45	9.00	2.80	3.00	1.80	1.70	2.45	1.45	1.90
23....	10.10	10.40	41.25	9.30	8.40	2.50	2.10	1.40	3.05	4.90	1.35	1.90
24....	10.70	9.40	40.25	10.65	7.65	2.25	1.75	1.10	3.10	8.45	1.30	1.80
25....	12.50	9.50	36.75	15.45	6.95	2.25	2.75	1.00	13.05	10.55	1.25	1.80
26....	13.50	13.50	33.35	26.50	6.85	2.15	12.65	.95	23.90	9.60	1.20	2.30
27....	12.80	35.20	29.70	28.45	9.60	2.55	13.40	.95	22.65	8.05	1.15	6.80
28....	11.80	53.10	27.45	26.20	13.20	2.25	10.50	5.10	18.00	6.45	1.10	9.70
29....	10.60	-----	24.55	23.35	13.55	2.05	9.30	9.55	14.70	5.30	1.05	10.20
30....	17.60	-----	21.95	19.80	11.95	1.90	7.45	9.15	11.90	4.90	1.00	9.10
31....	31.70	-----	18.80	-----	9.25	-----	6.50	10.45	-----	4.15	-----	7.30

¹Record from United States Engineer Office.

Black Warrior River¹ at Tuscaloosa, Alabama, for 1891.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1...	6.10	33.20	24.00	34.00	5.70	1.80	2.10	6.50	1.00	-0.40	-0.80	3.40
2...	8.60	39.60	23.50	39.40	5.50	1.90	2.00	13.00	1.00	-.30	-.80	3.00
3...	14.30	40.90	20.50	36.80	5.30	1.80	1.90	14.80	1.00	-.20	-.80	2.40
4...	17.90	40.20	19.60	32.50	4.90	1.70	1.80	16.00	.80	-.20	-.80	6.20
5...	15.20	39.30	17.20	28.50	4.50	1.50	1.50	13.00	.70	-.20	-.80	6.80
6...	13.10	36.30	29.00	25.00	4.50	1.40	1.30	9.50	.60	-.20	-.80	21.50
7...	11.10	37.00	53.00	22.20	4.20	1.40	1.40	7.40	.60	-.40	-.80	19.50
8...	10.00	51.50	58.00	19.00	4.00	1.50	2.10	5.80	.60	-.50	-.80	20.00
9...	9.50	51.50	60.40	16.00	3.90	2.10	7.00	5.40	.60	-.60	-.80	20.50
10...	17.50	52.20	58.00	14.20	3.50	2.80	10.40	3.70	.60	-.70	+.70	17.00
11...	20.90	53.50	54.00	17.20	3.20	3.50	8.20	3.10	.70	-.80	2.10	14.00
12...	26.30	50.50	48.00	27.00	3.20	10.20	6.00	2.70	1.00	-.80	2.80	11.50
13...	30.10	47.60	43.00	26.00	3.10	10.50	4.30	2.50	1.20	-.80	4.40	9.00
14...	25.50	51.40	40.00	22.50	3.00	9.80	3.20	3.00	1.20	-.80	3.80	6.20
15...	21.00	49.50	36.50	19.50	2.80	8.00	2.30	3.40	1.00	-.60	2.50	7.00
16...	18.50	46.50	33.20	17.20	2.60	6.50	2.60	4.00	1.00	-.70	2.00	9.00
17...	17.10	44.30	30.00	15.60	2.50	5.60	2.60	3.00	.60	-.70	1.80	11.00
18...	17.70	41.00	28.00	16.40	2.50	6.30	2.90	2.60	.20	-.70	1.80	11.20
19...	17.10	37.50	26.40	14.50	2.50	7.20	2.50	2.20	.10	-.60	1.50	10.00
20...	15.60	35.00	24.00	13.40	2.50	7.00	2.20	2.00	.10	-.70	1.30	8.50
21...	12.60	33.50	21.00	12.00	2.50	6.00	1.80	1.50	.10	-.70	1.40	7.00
22...	20.20	39.50	19.90	11.00	2.70	5.50	1.60	1.50	.10	-.60	3.00	6.00
23...	31.60	41.00	17.50	10.00	3.00	5.20	1.40	1.40	.10	-.60	8.00	6.00
24...	31.80	39.00	15.00	9.00	3.00	4.80	1.30	1.30	.10	-.50	12.30	6.20
25...	30.10	36.50	12.50	8.20	2.80	4.50	1.40	1.20	.00	-.50	13.30	7.50
26...	30.70	33.00	12.10	7.60	2.60	4.20	2.60	1.10	.00	-.50	10.80	13.20
27...	29.00	29.00	15.00	8.40	2.50	4.10	2.00	1.10	-.20	-.70	7.20	31.00
28...	26.80	26.50	18.20	8.00	2.40	3.70	2.20	1.00	-.20	-.80	5.80	38.90
29...	23.70	.....	19.40	7.30	2.30	2.90	2.00	1.00	-.40	-.80	4.20	31.20
30...	32.70	.....	18.00	6.50	2.10	2.50	2.10	1.10	-.50	-.80	3.80	27.00
31...	33.00	.....	17.00	.....	2.00	.....	2.40	1.00	.....	-.80	.....	22.10

Black Warrior River¹ at Tuscaloosa, Alabama, for 1892.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	17.90	12.20	10.70	21.80	12.00	3.40	4.60	4.80	9.30	3.90	0.40	5.90
2.....	15.90	10.50	10.30	18.30	11.20	3.20	3.90	3.20	7.60	3.50	.40	5.60
3.....	18.50	9.40	9.70	15.50	9.90	3.50	3.40	7.00	6.50	3.30	1.20	5.30
4.....	18.70	8.50	8.80	15.20	8.80	3.70	3.00	7.40	5.60	3.10	1.60	4.90
5.....	16.40	7.80	8.00	12.00	7.20	3.50	2.90	6.60	4.90	2.80	1.60	6.30
6.....	14.60	7.40	7.80	11.60	6.50	4.70	3.50	5.40	4.90	2.50	1.60	7.50
7.....	13.00	7.80	8.00	56.30	5.90	5.00	5.20	4.80	4.80	2.40	2.00	7.50
8.....	11.60	9.50	16.50	63.20	5.30	4.90	11.00	3.90	6.40	2.20	3.90	12.20
9.....	10.80	9.00	26.80	62.20	5.20	4.10	26.70	3.60	6.20	2.10	4.60	15.00
10.....	10.50	16.00	28.50	58.00	4.90	4.00	43.50	3.50	5.40	2.00	8.90	13.20
11.....	25.70	13.00	26.70	52.30	4.90	3.80	46.20	3.00	5.10	2.00	10.90	11.00
12.....	34.80	11.20	22.00	45.40	4.80	3.50	41.40	3.00	3.90	2.00	8.30	9.40
13.....	53.00	10.80	18.00	40.70	4.70	3.30	38.30	3.20	3.40	2.00	7.60	8.00
14.....	57.40	9.50	15.80	36.50	4.60	2.80	37.50	3.10	3.30	1.90	5.80	7.40
15.....	58.90	9.00	13.80	32.80	4.50	2.50	34.80	3.90	4.00	1.90	5.00	8.60
16.....	51.70	10.00	13.30	29.50	4.00	2.40	32.80	3.50	5.10	1.90	4.50	10.30
17.....	45.00	11.80	11.20	27.00	3.70	2.00	41.40	3.50	4.90	1.80	4.00	13.10
18.....	40.10	11.00	12.90	24.50	3.60	2.00	38.00	4.00	4.30	1.70	4.20	26.70
19.....	36.60	9.90	34.00	22.40	4.30	1.10	33.00	9.50	6.00	1.00	4.40	28.40
20.....	41.50	10.50	35.50	20.20	4.60	3.40	28.30	9.50	23.90	.90	5.00	28.40
21.....	41.00	13.50	22.90	18.10	6.50	7.80	29.30	7.40	20.90	.90	4.80	35.80
22.....	36.80	18.00	20.00	15.90	6.30	10.70	25.10	10.20	17.00	.90	4.50	31.50
23.....	34.40	23.90	18.30	13.80	6.00	10.40	21.50	12.50	13.30	1.00	4.20	27.00
24.....	31.00	21.20	22.00	12.30	4.80	8.80	18.80	14.00	10.50	1.00	3.80	23.00
25.....	28.50	18.50	29.00	11.30	3.50	7.90	15.80	14.20	8.00	.90	3.50	19.50
26.....	26.00	16.00	32.00	10.50	4.70	7.20	13.00	13.20	6.10	.80	3.30	16.00
27.....	23.80	14.00	35.80	8.80	4.00	6.20	10.50	11.50	5.00	.70	3.20	13.60
28.....	21.50	12.50	34.00	7.90	3.80	5.40	7.80	12.00	4.90	.70	3.90	11.40
29.....	19.00	11.50	30.50	7.70	3.50	5.40	6.20	11.50	4.30	.50	5.90	9.80
30.....	16.80	.....	26.80	10.50	3.50	.....	5.50	10.50	.....	.50	.....	8.50
31.....	14.00	.....	23.90	.....	3.50	.....	.....	.....	.....	.....	.....	.....

¹ Record from United States Engineer Office.

Black Warrior River¹ at Tuscaloosa, Alabama, for 1893.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	8.20	18.10	23.00	9.40	24.50	12.50	2.50	0.60	0.30	1.10	0.40	1.50
2.....	8.60	15.90	21.70	9.30	21.20	33.50	2.30	.70	.20	1.00	.40	1.50
3.....	9.80	14.00	19.70	9.00	30.00	49.60	2.80	1.00	.10	1.20	.40	1.80
4.....	10.70	12.80	20.50	8.70	51.20	46.00	3.60	1.20	.00	1.40	.40	2.80
5.....	10.10	12.50	23.00	8.00	52.20	39.00	3.60	1.30	—	1.30	.40	3.50
6.....	9.00	11.80	24.00	8.70	48.00	37.70	3.20	1.20	—	1.20	.40	4.20
7.....	8.40	11.20	22.60	9.30	42.90	39.90	2.70	1.30	.00	1.20	.40	4.10
8.....	7.90	10.80	20.10	9.00	40.40	39.30	2.40	1.20	+.20	1.20	.40	3.50
9.....	7.00	10.60	20.00	8.30	37.40	34.60	2.10	1.00	1.40	1.00	.40	3.00
10.....	6.70	10.20	22.00	7.60	34.30	29.20	1.80	.90	2.00	.90	.60	2.80
11.....	6.20	12.00	21.80	7.00	30.80	25.10	1.60	.90	2.10	.80	.60	2.30
12.....	6.50	23.90	20.50	6.40	27.50	21.20	1.60	.80	2.20	.80	.50	1.90
13.....	7.80	28.30	19.30	6.10	24.40	17.40	2.20	.90	3.20	.80	.50	1.70
14.....	9.00	27.00	18.10	5.80	21.90	14.70	2.60	3.60	4.30	.70	.60	1.60
15.....	9.60	25.90	16.30	23.00	19.10	11.60	2.40	4.90	4.30	.70	.60	1.60
16.....	11.40	52.20	14.70	27.10	16.20	9.60	2.00	5.10	3.90	.60	.60	1.70
17.....	12.20	55.60	13.20	24.00	14.00	7.60	1.70	4.70	3.30	.50	.60	2.30
18.....	11.80	54.70	12.20	20.00	11.90	6.70	1.40	3.70	2.50	.50	.60	2.40
19.....	12.00	51.40	11.30	16.40	11.00	6.50	1.30	2.80	2.10	.50	.60	2.30
20.....	12.40	46.50	10.70	13.90	8.40	6.90	1.20	2.20	1.80	.50	.60	2.10
21.....	11.80	41.80	9.90	12.00	6.90	6.90	1.20	1.70	1.40	.50	.70	2.50
22.....	10.90	37.90	9.30	11.20	6.20	6.60	1.30	1.50	1.30	.50	1.00	2.40
23.....	11.20	34.50	8.80	10.70	5.60	6.40	1.60	1.30	1.20	.40	1.00	2.30
24.....	12.90	31.30	12.30	9.90	5.10	5.70	1.70	1.10	1.00	.40	1.10	2.10
25.....	15.90	28.40	22.20	8.90	4.80	4.90	1.50	1.00	1.30	.40	1.00	1.90
26.....	19.20	25.90	22.50	7.00	4.50	4.40	1.30	.90	1.20	.40	.90	1.70
27.....	22.00	23.80	20.00	10.50	4.30	4.00	1.20	.80	1.20	.40	1.00	1.60
28.....	23.30	23.00	17.00	32.50	5.10	3.50	.90	.80	1.10	.40	1.70	1.50
29.....	23.10	.....	14.40	33.90	6.10	3.10	.90	.60	1.10	.40	1.70	1.40
30.....	22.10	.....	12.40	29.00	12.90	2.80	.80	.50	1.10	.40	1.50	3.70
31.....	20.40	.....	10.90	.....	14.10	.....	.80	.20	.....	.40	.....	7.60

Black Warrior River¹ at Tuscaloosa, Alabama, for 1894.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	10.30	8.50	27.00	11.40	6.50	1.70	2.50	1.20	5.80	0.55	—0.05	—0.05
2.....	9.60	7.80	25.60	14.10	5.90	1.60	1.80	1.30	4.60	.45	— .10	— .05
3.....	7.90	7.30	23.60	23.50	5.90	1.50	1.35	1.40	3.60	.40	— .20	.00
4.....	6.20	7.90	21.00	24.00	5.80	1.35	1.10	1.95	2.95	.32	— .25	.00
5.....	5.40	16.90	18.20	22.20	5.50	1.33	.80	2.30	2.45	.25	— .30	.00
6.....	6.40	22.60	15.90	20.60	5.20	1.20	.60	2.40	2.05	.20	— .30	.00
7.....	16.80	20.40	14.80	18.90	5.10	1.20	1.00	2.00	1.85	.15	— .30	.00
8.....	22.60	17.80	14.40	16.30	4.90	1.10	1.30	1.60	1.75	.00	— .30	+.05
9.....	19.70	17.30	13.80	14.70	4.50	.95	.70	1.30	1.65	— .10	— .30	.05
10.....	26.90	26.00	12.60	15.70	4.10	.90	.70	1.10	1.60	— .20	— .30	.50
11.....	34.50	27.80	11.60	25.00	3.70	.80	.60	.80	1.85	— .25	— .30	2.10
12.....	35.80	25.40	11.50	25.60	3.90	.80	.60	.70	3.40	— .30	— .30	5.70
13.....	30.90	29.90	16.50	22.70	4.30	.70	.50	.60	5.60	— .30	— .30	10.40
14.....	25.80	32.10	17.30	19.50	7.00	.60	.50	.50	7.50	— .30	— .15	11.20
15.....	22.20	29.70	15.80	16.30	6.20	.60	.60	.35	5.70	— .30	.00	8.90
16.....	23.60	26.00	15.50	15.50	5.70	.60	.70	.60	4.20	— .30	+.05	6.40
17.....	24.80	22.30	33.10	16.00	5.10	.55	.75	.55	3.25	— .30	.05	4.90
18.....	22.40	19.10	36.70	17.00	5.00	.50	.70	.45	3.50	— .30	.05	3.90
19.....	19.30	16.80	33.70	25.30	4.70	.60	.70	.40	3.25	— .30	.00	3.20
20.....	15.90	16.00	29.50	24.80	4.20	.70	.60	.55	3.35	— .30	— .10	2.90
21.....	14.10	16.90	27.80	24.00	3.60	.85	.50	1.00	4.10	— .30	— .10	2.60
22.....	13.60	17.90	29.30	20.40	3.10	.80	.90	1.35	3.60	— .30	— .10	2.20
23.....	21.30	17.00	29.60	17.30	2.80	.95	1.30	3.80	2.90	— .30	— .10	2.00
24.....	19.90	16.10	28.00	14.20	2.60	1.10	1.35	5.30	2.20	— .35	.00	1.80
25.....	17.60	17.30	27.80	12.20	2.40	1.00	1.60	9.20	1.75	— .40	.00	1.70
26.....	15.50	29.30	25.30	10.50	2.30	1.05	1.50	16.00	1.45	— .40	.00	2.00
27.....	14.00	31.00	22.10	9.80	2.10	1.40	1.40	20.40	1.20	— .45	— .05	7.70
28.....	12.40	28.80	19.00	8.70	2.10	1.70	1.30	16.00	1.05	— .45	— .05	9.70
29.....	11.10	.....	16.10	7.90	2.00	2.35	.20	11.80	.90	— .45	— .05	8.40
30.....	10.00	.....	14.30	7.00	1.90	2.60	1.10	8.30	.70	— .20	— .05	7.20
31.....	9.10	.....	12.70	.....	1.90	.....	1.20	6.80	.....	— .05	— .05	6.50

¹Record from United States Engineer Office.

Black Warrior River¹ at Tuscaloosa, Alabama, for 1895.

Day.	Jan.	Feb.	Mar.	Apr.	May	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	6.10	24.10	8.60	16.20	15.20	7.00	4.80	1.80	1.90	0.10	-0.04	0.75
2.....	5.40	21.50	13.20	14.50	13.00	5.90	4.50	1.50	1.80	.00	+ .07	.95
3.....	6.80	21.40	35.30	12.60	11.00	5.10	5.40	1.30	1.80	— .07	.12	1.05
4.....	9.00	21.40	36.70	11.00	9.40	4.60	7.60	1.20	1.70	— .10	.09	1.00
5.....	8.80	19.90	32.40	10.20	8.30	4.20	17.40	1.20	1.90	— .10	.11	.90
6.....	8.00	17.90	27.80	8.40	7.40	6.70	17.70	1.20	2.60	— .10	.25	1.30
7.....	7.40	16.50	23.80	7.90	7.00	5.70	18.40	1.10	3.05	— .10	.31	1.50
8.....	35.00	16.80	20.60	20.50	8.20	5.10	15.70	1.00	3.70	.00	.30	1.45
9.....	50.60	16.90	20.10	24.00	13.50	4.30	13.10	.90	3.40	— .03	.28	1.90
10.....	49.30	15.80	19.30	21.20	19.70	3.80	11.10	.97	2.90	— .07	.70	1.80
11.....	45.10	14.60	17.50	18.00	23.30	3.10	9.80	1.40	2.40	— .10	1.20	1.45
12.....	40.10	14.10	17.20	15.10	22.00	2.70	7.90	1.50	2.20	— .14	1.10	1.40
13.....	35.00	13.90	18.40	12.60	18.50	2.40	6.50	1.40	2.10	— .14	1.18	1.40
14.....	29.80	12.80	24.90	11.00	15.20	2.20	5.30	1.30	2.00	+ .06	1.35	1.37
15.....	25.70	11.60	37.50	9.50	12.20	2.00	5.40	1.10	1.80	.04	1.35	1.33
16.....	23.40	10.50	47.40	8.60	9.70	2.00	5.60	1.30	1.60	— .08	1.28	1.23
17.....	31.20	9.40	52.00	10.00	8.00	2.70	5.90	1.40	1.40	— .18	1.20	1.12
18.....	32.90	9.00	47.30	15.90	6.90	3.30	5.80	2.00	1.40	— .27	1.05	1.05
19.....	29.20	9.00	42.10	15.80	6.30	4.20	5.10	4.00	1.30	— .31	.88	1.02
20.....	25.80	9.50	38.80	14.00	5.90	4.90	4.60	4.30	1.00	— .37	.82	1.57
21.....	23.10	10.20	48.70	12.00	5.30	4.70	4.00	3.60	1.20	— .42	.70	2.55
22.....	21.60	10.90	51.30	10.40	4.80	4.30	3.60	2.80	1.50	— .45	.60	2.60
23.....	21.60	11.40	47.60	8.90	4.30	4.10	3.40	2.40	1.30	— .50	.50	3.03
24.....	19.80	11.30	42.10	8.00	4.10	3.70	3.30	4.30	1.10	— .35	.75	3.65
25.....	17.40	10.90	37.30	7.20	4.00	3.40	3.60	4.90	.80	— .33	.60	3.31
26.....	16.70	10.30	32.80	7.00	4.30	3.00	3.70	4.00	.60	— .53	.38	4.50
27.....	20.00	9.70	29.10	7.10	5.60	4.40	3.30	3.20	.35	— .70	.64	10.40
28.....	21.20	9.00	26.10	12.50	11.00	5.40	2.90	2.40	.10	— .68	.65	21.02
29.....	22.00	.....	23.60	15.00	13.30	6.00	2.40	2.30	.50	— .67	.65	16.88
30.....	27.40	.....	21.10	16.40	11.20	5.40	2.00	2.10	.30	— .50	.60	13.10
31.....	27.10	.....	18.60	.....	8.90	.....	2.10	2.00	.....	— .32	.....	11.67

Black Warrior River¹ at Tuscaloosa, Alabama, for 1896.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	11.41	7.92	6.91	10.61	18.24	4.92	1.94	.53	0.38	-0.52	-0.78	7.70
2.....	10.26	8.51	7.66	14.78	33.30	4.28	1.71	.80	.25	— .62	— .77	6.32
3.....	8.90	21.98	7.41	23.00	37.18	3.50	1.44	1.34	.15	— .66	— .42	4.63
4.....	7.60	33.12	6.74	23.50	30.88	5.44	1.48	.89	.05	— .20	— .39	3.40
5.....	6.55	30.02	6.14	19.85	26.40	5.24	1.30	.54	— .00	+ .78	— .33	2.60
6.....	5.74	30.75	6.64	16.70	21.93	4.30	1.15	.42	— .15	.74	— .19	2.05
7.....	5.09	35.92	10.18	14.26	17.88	3.62	1.32	.50	— .23	.68	— .19	1.70
8.....	5.24	35.08	12.04	12.55	13.95	3.27	2.20	.60	— .30	.40	— .17	1.47
9.....	5.76	36.21	14.89	11.20	10.80	6.60	8.40	.68	— .37	.09	— .18	1.21
10.....	6.46	36.52	13.69	10.02	8.60	8.18	6.98	.64	— .44	— .15	— .21	1.10
11.....	6.58	33.65	12.45	9.04	7.11	18.39	5.37	.55	— .44	— .28	— .30	.89
12.....	6.25	29.45	13.97	8.33	6.09	15.13	3.95	.45	— .46	— .28	— .20	.84
13.....	5.79	25.97	16.15	7.62	5.34	10.77	2.99	.38	— .50	— .48	— .22	.80
14.....	5.26	27.41	15.35	7.86	4.77	7.66	2.45	.35	— .60	— .49	— .11	.75
15.....	4.82	33.25	13.56	11.65	6.13	5.60	2.16	.31	— .59	— .46	— .10	1.20
16.....	4.87	31.02	13.86	13.90	5.45	4.33	2.13	.26	— .59	— .43	— .01	1.25
17.....	6.03	27.30	22.30	12.36	4.65	4.74	2.15	.13	— .60	— .60	+ .26	1.25
18.....	8.61	23.65	27.75	10.57	3.94	4.20	2.42	.40	— .60	— .63	.46	1.60
19.....	9.14	20.09	29.70	9.03	3.44	6.18	2.46	.50	— .60	— .78	.52	1.90
20.....	8.53	17.00	37.68	7.81	3.05	6.00	2.24	.40	— .61	— .82	.45	1.70
21.....	7.87	14.45	37.92	6.88	2.91	5.32	2.16	.34	— .64	— .82	.39	1.50
22.....	8.85	12.20	33.55	6.15	2.77	4.91	1.90	.29	— .64	— .84	.38	1.33
23.....	22.48	10.32	29.12	5.56	2.87	4.46	1.71	.22	— .36	— .84	.38	1.20
24.....	20.26	9.13	25.85	5.67	2.90	4.19	2.06	1.06	— .45	— .78	.37	.98
25.....	26.52	8.60	23.54	5.76	2.87	4.04	2.53	.95	— .61	— .80	.37	.92
26.....	22.44	8.35	21.28	5.30	2.97	3.37	2.17	.79	— .64	— .82	.37	.77
27.....	18.55	7.90	18.72	5.26	3.66	2.85	1.70	.77	— .71	— .82	.08	.71
28.....	14.92	7.40	16.35	10.47	3.59	2.69	1.28	1.35	— .76	— .78	.09	.59
29.....	12.14	7.00	14.30	16.06	6.52	2.54	.94	1.30	— .67	— .80	.33	.52
30.....	10.18	.....	12.69	14.18	6.50	2.21	.76	.95	— .55	— .80	1.00	.48
31.....	8.88	.....	11.40	.....	5.78	.....	.64	.60	.....	— .78	.....	.48

¹Record from United States Engineer Office.

Greenbrier River at Alderson, West Virginia.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	2.45	2.25	2.50	7.00	3.05	2.07	2.47	4.50	1.63	6.60	1.67	4.75
2.....	3.08	2.27	2.82	6.60	3.35	1.97	2.25	3.75	1.60	4.02	1.73	3.85
3.....	2.65	4.95	2.70	5.50	3.05	1.90	2.20	4.35	1.55	3.20	1.70	3.40
4.....	2.25	6.30	2.50	4.40	4.15	1.88	2.10	3.55	1.60	2.80	1.80	3.05
5.....	2.45	4.55	2.35	3.85	4.60	1.85	2.35	3.05	1.55	2.55	7.67	2.80
6.....	2.40	3.55	2.33	3.20	3.70	2.00	2.30	2.72	1.60	2.38	9.50	2.65
7.....	1.90	4.80	2.30	3.10	3.23	2.05	2.55	2.50	1.60	2.20	4.85	2.60
8.....	1.93	4.20	2.40	2.95	2.95	2.20	2.30	2.35	1.60	2.10	3.60	2.50
9.....	1.95	3.60	2.60	3.00	2.85	2.20	6.95	2.25	1.63	2.00	3.15	2.45
10.....	2.10	3.40	2.70	3.05	2.65	2.20	6.40	2.10	1.64	1.95	2.85	2.65
11.....	2.05	3.15	2.60	3.10	2.45	2.70	4.28	2.10	1.60	1.90	2.60	3.10
12.....	2.05	2.85	2.90	3.15	2.35	2.48	3.47	2.10	1.57	1.85	2.48	2.93
13.....	2.05	2.20	3.00	3.05	2.25	2.20	3.03	2.00	1.55	2.20	2.40	2.78
14.....	2.30	5.80	2.75	3.00	2.25	2.10	2.85	1.90	1.53	2.15	2.30	2.62
15.....	2.20	5.50	2.85	2.98	2.65	2.00	2.58	1.95	1.55	2.13	2.25	2.60
16.....	1.70	4.15	2.95	2.95	2.55	2.05	2.48	1.90	1.95	2.10	2.15	3.00
17.....	1.70	3.60	6.75	2.75	2.30	2.08	2.42	2.00	1.75	2.00	2.10	3.00
18.....	1.72	3.05	5.60	2.60	2.10	2.10	2.40	1.85	1.63	1.95	2.05	2.85
19.....	1.73	2.85	4.50	2.55	2.05	2.05	2.35	1.85	1.57	1.90	2.03	2.65
20.....	1.73	2.60	6.40	2.50	2.05	2.08	2.28	1.80	1.75	1.85	2.00	2.55
21.....	1.82	2.38	5.20	2.40	2.30	2.05	2.15	1.75	1.70	1.78	2.00	2.43
22.....	1.85	2.42	4.50	2.55	2.40	1.97	2.10	1.65	1.70	1.75	2.09	2.35
23.....	1.90	2.38	4.35	2.35	2.50	1.95	2.07	1.73	1.64	1.73	2.20	2.25
24.....	2.05	2.25	4.15	2.40	2.50	1.90	2.58	1.93	1.69	1.70	2.22	2.20
25.....	4.20	2.45	4.15	3.10	2.60	1.95	2.64	1.95	1.60	1.70	2.20	1.90
26.....	3.93	2.33	3.85	3.05	2.65	3.20	5.38	1.96	1.53	1.73	2.18	1.70
27.....	3.23	2.28	3.80	3.00	2.55	3.75	3.85	1.93	1.53	1.70	2.15	1.50
28.....	2.85	2.22	3.70	2.80	2.45	3.20	3.10	1.87	1.55	1.80	2.15	1.40
29.....	2.60	2.28	3.15	2.68	2.42	3.10	2.80	1.70	1.62	1.73	2.45	1.80
30.....	2.38	.....	2.10.50	2.65	2.28	2.80	2.55	1.70	4.93	1.70	5.55	1.95
31.....	2.30	.....	8.88	.....	2.17	.....	3.83	1.67	.....	1.70	.....	2.05

a Heavy rain.

New River at Fayette, West Virginia.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	3.10	3.70	3.75	22.25	6.20	2.85	6.08	4.60	1.10	14.90	1.25	12.80
2.....	3.60	4.90	3.30	23.60	6.60	2.60	5.00	5.10	1.00	9.45	1.00	11.50
3.....	4.80	12.50	2.95	21.15	6.70	2.75	4.10	4.85	.90	6.00	1.30	8.08
4.....	3.70	11.80	2.50	17.60	7.05	2.95	2.80	4.50	.80	4.50	2.15	7.40
5.....	3.10	9.65	2.20	15.40	7.30	3.55	3.00	4.25	.80	3.45	6.98	5.80
6.....	2.19	7.80	2.90	11.10	7.00	3.58	3.15	4.00	1.00	3.10	17.10	5.32
7.....	1.75	7.65	3.40	10.30	6.15	3.85	3.45	3.65	1.20	2.65	13.25	4.95
8.....	1.40	11.55	3.70	9.00	5.20	3.55	3.90	3.90	2.50	2.05	6.53	4.40
9.....	1.20	11.40	4.50	8.20	4.70	3.75	17.30	3.80	2.30	1.40	7.05	.....
10.....	1.90	8.65	4.00	7.10	4.55	4.00	25.20	3.60	2.00	1.90	6.30	.....
11.....	3.00	5.35	3.35	6.20	4.30	3.35	14.50	3.20	1.50	1.65	4.85	.....
12.....	2.75	4.15	3.70	6.05	4.05	3.00	14.00	2.95	1.25	1.70	3.00	.....
13.....	2.90	4.30	4.15	5.80	3.65	3.60	13.05	2.70	1.20	2.10	3.20	.....
14.....	2.40	7.90	5.00	5.50	3.30	3.00	12.00	2.10	1.15	2.80	3.50	.....
15.....	2.60	10.70	6.00	5.20	3.30	2.70	8.60	2.45	.90	3.30	3.60	.....
16.....	2.30	9.00	11.00	5.05	3.40	2.50	7.15	2.40	1.40	3.00	3.55	.....
17.....	2.10	7.50	14.93	4.85	3.20	2.40	6.05	2.30	1.30	2.80	3.25	.....
18.....	1.95	5.00	15.75	4.70	3.05	2.60	5.00	2.05	1.23	1.95	2.90	.....
19.....	2.00	4.70	15.05	4.45	3.15	3.00	4.10	1.85	1.00	1.10	2.45	6.30
20.....	2.30	4.20	13.00	4.20	3.25	3.20	4.40	1.40	.90	.85	2.45	5.60
21.....	2.50	2.90	11.50	4.30	3.50	3.40	5.40	1.25	.90	.50	2.60	5.00
22.....	2.10	2.35	11.00	4.50	3.75	3.75	5.70	1.35	.90	.40	2.90	4.65
23.....	2.40	3.30	10.15	4.70	3.60	4.00	4.95	1.85	.80	.50	3.00	4.05
24.....	2.60	4.05	9.40	4.90	5.90	4.45	4.10	1.50	1.05	1.45	2.95	3.70
25.....	6.00	4.60	8.85	5.10	5.45	5.15	4.45	2.10	1.10	1.30	2.70	3.00
26.....	10.00	4.80	8.15	5.00	5.00	6.30	4.47	2.35	1.10	1.20	2.72	.....
27.....	8.10	4.30	7.50	5.30	4.10	8.90	4.20	2.70	1.10	1.00	2.70	2.60
28.....	7.55	4.00	6.60	5.45	4.00	7.90	4.30	2.40	1.10	.70	3.10	2.75
29.....	6.70	3.90	7.40	5.80	3.55	7.53	4.50	2.15	.70	1.40	7.45	2.90
30.....	4.90	.....	18.40	6.00	3.20	6.80	4.45	1.75	.80	.60	8.30	2.50
31.....	4.00	.....	23.40	.....	3.23	.....	4.85	1.30	.....	1.30	.....	2.70

No observations December 9 to 17; wire gage broken.

French Broad River at Asheville, North Carolina.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	3.80	3.40	.....	3.80	2.80	2.90	2.56	3.20	2.50	2.65	2.75	5.80
2.....	3.40	3.40	.....	4.20	3.20	2.90	2.55	3.10	2.63	2.63	2.65	4.50
3.....	3.30	4.00	.....	3.70	4.60	2.90	2.65	3.25	2.70	2.60	2.65	4.10
4.....	3.20	3.70	.....	3.45	4.10	3.13	2.85	3.10	2.73	2.50	2.85	3.80
5.....	3.20	3.60	.....	3.30	3.90	2.90	2.86	2.90	2.95	2.45	6.10	3.80
6.....	3.30	4.65	.....	3.27	3.70	2.90	4.10	2.85	3.20	2.43	5.50	3.60
7.....	3.15	4.60	.....	3.25	3.50	2.73	5.10	2.85	3.10	2.40	5.43	3.50
8.....	3.10	4.43	.....	3.20	3.26	2.70	9.85	2.90	2.90	2.40	3.45	3.40
9.....	3.00	5.45	.....	3.15	3.20	3.15	8.73	2.85	2.65	2.40	3.35	3.40
10.....	2.75	4.70	.....	3.15	3.07	2.90	7.00	3.00	2.53	2.40	3.25	3.30
11.....	2.90	4.20	.....	3.02	3.05	2.75	6.10	3.00	2.55	2.40	2.75	3.25
12.....	2.90	3.95	.....	3.50	3.05	2.70	5.00	2.95	2.85	2.45	3.50	2.25
13.....	2.85	4.85	.....	3.25	3.03	2.67	4.80	2.80	2.55	2.50	4.25	3.20
14.....	2.85	4.45	.....	3.25	3.05	2.65	4.50	2.85	2.55	2.65	4.23	3.20
15.....	2.75	3.95	.....	3.15	2.87	2.60	4.30	2.95	2.57	2.55	4.20	3.25
16.....	2.80	3.80	3.50	3.10	2.80	2.60	4.25	3.25	2.57	2.45	3.85	3.30
17.....	2.80	3.70	3.40	2.95	2.76	3.15	4.15	2.95	2.65	2.43	3.75	3.30
18.....	3.40	3.60	3.40	2.90	2.76	3.30	4.03	2.80	2.53	2.40	3.63	3.25
19.....	3.20	3.50	3.16	2.93	2.70	3.39	3.80	2.78	2.50	2.43	3.50	3.10
20.....	3.15	3.40	3.70	2.93	2.70	3.18	3.75	2.80	2.40	2.46	2.95	3.10
21.....	3.15	3.40	3.30	2.93	2.70	2.95	3.70	2.80	2.40	2.45	2.93	3.05
22.....	3.10	3.30	3.20	2.95	2.90	3.00	3.65	2.65	2.37	2.42	2.90	3.05
23.....	5.30	3.30	3.20	2.95	3.05	3.14	3.63	2.75	2.50	2.45	2.70	3.14
24.....	6.50	3.35	3.30	2.95	3.10	3.15	3.60	2.70	2.50	2.45	2.85	3.00
25.....	5.80	3.30	3.20	2.92	3.00	3.15	3.55	2.70	2.45	2.45	2.80	2.95
26.....	4.40	3.35	3.15	2.86	2.70	2.93	3.35	2.70	2.45	2.45	2.90	2.90
27.....	3.95	3.25	3.10	2.82	3.05	2.80	3.40	2.60	2.35	2.45	3.10	2.90
28.....	3.75	3.35	3.10	2.82	2.75	3.05	3.50	2.60	3.00	2.47	4.05	2.87
29.....	3.60	3.30	3.50	2.82	2.75	2.75	3.40	2.50	2.70	2.50	4.95	2.85
30.....	3.40	.....	3.25	2.80	2.73	2.63	3.35	2.50	2.67	2.50	6.20	2.83
31.....	3.40	.....	3.30	.....	2.70	.....	3.25	2.50	.....	2.45	.....	2.83

Tuckasegee River, three miles above Bryson, North Carolina.

Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	2.19	2.70	1.86	2.10	2.00	4.30	17.....	3.70	2.40	2.10	1.70	2.40	2.50
2.....	2.31	2.60	1.86	1.90	1.85	3.60	18.....	3.70	2.20	2.05	1.70	2.30	2.65
3.....	2.25	2.56	2.00	1.85	1.80	3.30	19.....	3.20	2.10	2.10	1.70	2.25	2.50
4.....	2.30	2.50	1.90	1.80	2.60	3.10	20.....	3.30	2.10	2.10	1.70	2.20	2.20
5.....	2.53	2.15	2.10	1.77	4.45	3.00	21.....	5.00	2.15	1.85	1.70	2.20	2.40
6.....	4.90	2.50	2.50	1.75	2.80	2.90	22.....	6.00	2.10	2.80	1.70	2.15	2.30
7.....	4.20	2.70	2.10	1.72	2.40	2.80	23.....	3.97	2.10	2.20	1.70	2.10	2.40
8.....	8.05	2.56	2.05	1.70	2.30	2.70	24.....	3.80	2.20	2.00	2.00	2.05	2.20
9.....	6.90	2.50	2.00	1.70	2.20	3.00	25.....	3.70	2.20	1.85	1.80	2.00	2.10
10.....	4.50	2.50	1.95	1.70	2.10	2.70	26.....	3.40	2.70	1.80	1.76	2.00	2.05
11.....	4.00	2.50	2.10	1.70	2.00	2.65	27.....	3.30	2.10	1.80	1.70	3.30	2.30
12.....	4.30	2.40	2.00	2.00	5.00	2.60	28.....	3.20	2.05	1.80	1.70	3.10	2.20
13.....	3.90	2.25	1.98	1.90	3.30	2.55	29.....	3.03	2.00	1.80	1.80	5.10	2.30
14.....	3.60	2.30	1.90	1.90	2.60	2.50	30.....	2.90	1.90	2.30	2.00	6.50	2.35
15.....	3.40	2.25	2.10	1.85	2.40	2.80	31.....	2.80	1.88	.....	2.70	.....	2.30
16.....	4.10	2.60	2.10	1.70	2.60	2.70							

Little Tennessee River at Judson, North Carolina.

Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	2.70	3.35	2.60	2.90	3.10	7.70	17.....	4.00	3.60	2.70	.....	3.70	4.53
2.....	2.80	3.30	2.60	2.80	2.90	6.30	18.....	3.65	3.10	2.70	.....	3.68	3.83
3.....	2.77	3.30	2.70	2.78	2.80	5.30	19.....	3.64	3.00	2.60	.....	3.60	3.88
4.....	2.95	3.30	2.80	2.68	2.99	4.30	20.....	3.70	3.00	2.70	.....	3.50	3.80
5.....	2.85	3.21	2.90	2.60	5.70	4.40	21.....	3.70	3.20	2.70	.....	3.50	3.80
6.....	3.82	3.19	2.90	2.53	4.55	4.30	22.....	4.10	3.85	2.67	.....	3.50	3.79
7.....	4.22	3.15	2.80	2.55	3.30	4.20	23.....	5.11	2.83	2.18	.....	3.50	3.78
8.....	6.70	3.13	2.60	2.54	3.30	4.10	24.....	4.28	2.92	2.68	.....	3.50	3.78
9.....	8.80	3.19	2.55	2.53	3.51	4.10	25.....	4.20	3.00	2.60	3.10	3.40	3.75
10.....	5.70	3.21	2.53	2.53	3.50	4.90	26.....	4.10	3.00	2.54	2.90	3.50	3.45
11.....	8.95	3.12	2.50	.....	3.40	4.80	27.....	3.85	2.80	2.60	2.90	3.60	3.46
12.....	4.65	3.10	2.64	.....	4.30	3.88	28.....	3.92	2.80	2.60	2.80	3.70	3.54
13.....	4.50	3.20	2.63	.....	5.70	3.89	29.....	3.80	2.90	2.60	2.90	6.10	3.46
14.....	4.20	3.10	2.53	.....	4.30	3.89	30.....	2.56	2.80	3.30	3.10	7.70	3.61
15.....	3.95	3.00	2.84	.....	4.20	4.30	31.....	3.45	(a)	.....	3.00	.....	3.60
16.....	4.00	3.70	2.75	.....	3.30	4.60							

a Rope broken.

Hiwassee River at Murphy, North Carolina.

Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	3.72	4.02	3.65	3.74	3.66	5.20	17.....	4.48	3.78	3.60	3.65	4.50	4.05
2.....	3.70	4.02	3.61	3.68	3.70	4.70	18.....	4.54	3.74	3.60	3.56	3.95	4.00
3.....	3.75	4.11	3.62	3.65	3.72	4.52	19.....	4.35	3.70	3.58	3.50	3.91	4.00
4.....	4.00	3.95	3.61	3.60	4.90	4.52	20.....	4.28	3.68	3.56	3.60	3.90	4.00
5.....	3.90	3.90	3.61	3.62	4.10	4.20	21.....	4.32	3.70	3.56	3.60	3.90	4.00
6.....	4.62	3.90	3.90	3.55	3.90	4.20	22.....	4.60	3.70	3.62	3.56	3.85	4.00
7.....	4.98	3.95	3.66	3.60	3.90	4.15	23.....	5.10	3.65	3.85	3.60	3.80	3.95
8.....	6.72	3.90	3.62	3.51	3.90	4.10	24.....	4.61	3.90	3.60	3.90	3.80	3.95
9.....	6.95	3.86	3.60	3.60	3.82	4.30	25.....	4.40	3.80	3.60	3.70	3.80	3.95
10.....	5.24	4.00	3.60	3.65	3.80	4.10	26.....	4.30	3.72	3.60	3.62	3.84	3.90
11.....	4.75	3.90	3.50	3.65	3.76	4.10	27.....	4.30	3.72	3.60	3.62	4.00	3.90
12.....	4.82	3.81	3.67	3.65	7.53	4.10	28.....	4.25	3.70	3.65	3.65	4.00	3.90
13.....	4.77	3.81	3.56	3.72	5.40	4.05	29.....	4.12	3.70	3.60	3.74	5.03	3.90
14.....	4.65	3.72	3.58	3.65	4.53	4.02	30.....	4.01	3.65	4.20	3.80	6.10	3.90
15.....	4.42	3.75	3.80	3.65	4.30	4.10	31.....	4.02	3.65	.....	3.82	.....	3.90
16.....	4.55	3.92	3.62	3.60	4.12	4.05							

Tennessee River at Chattanooga, Tennessee, for 1890.

[Furnished by L. M. Pindell, observer in charge, United States Weather Bureau.]

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	4.9	8.0	40.2	10.0	7.5	6.1	3.2	5.8	7.6	9.4	6.8	2.4
2.....	5.2	7.3	42.5	9.8	7.1	6.6	2.9	5.2	5.6	8.1	6.6	2.4
3.....	5.1	7.3	41.0	9.4	6.7	5.3	2.9	4.7	5.7	7.7	5.7	2.3
4.....	5.0	7.4	34.4	9.7	6.8	5.3	3.0	4.7	4.0	7.2	5.3	2.3
5.....	5.0	7.2	23.0	12.2	7.0	5.2	3.0	4.8	3.6	6.4	5.0	2.3
6.....	4.8	7.8	15.1	14.0	7.5	5.3	3.0	4.5	3.2	5.7	4.6	2.5
7.....	4.7	8.3	14.2	13.6	8.9	5.2	3.0	5.2	3.6	5.2	4.4	2.8
8.....	4.6	11.5	14.4	13.4	9.1	4.9	2.9	5.7	3.2	5.2	4.3	2.9
9.....	4.7	19.3	12.8	11.9	8.7	4.7	2.8	6.6	2.8	5.5	4.0	7.1
10.....	4.9	20.4	11.2	10.5	8.7	4.5	2.7	7.5	2.8	5.3	3.9	8.1
11.....	4.7	17.8	10.0	9.6	8.1	4.5	2.7	7.2	3.0	4.8	3.8	8.2
12.....	4.6	14.7	9.2	8.7	7.7	4.4	3.0	6.3	3.4	4.6	3.6	7.7
13.....	4.6	12.0	8.6	8.0	7.2	4.0	2.7	5.8	3.6	4.4	3.5	7.4
14.....	4.9	10.0	8.7	7.5	6.7	3.9	2.5	5.2	4.6	4.2	3.4	6.4
15.....	4.6	9.8	9.7	7.1	6.6	4.0	2.3	4.8	4.0	3.9	3.3	3.7
16.....	5.4	9.6	13.7	6.9	7.8	4.1	2.1	4.2	4.0	3.7	3.2	4.2
17.....	7.2	9.0	15.1	7.1	9.3	4.0	2.0	3.8	3.7	3.7	3.2	3.9
18.....	9.2	9.3	14.9	9.4	8.6	3.9	2.2	3.7	4.0	3.7	3.0	3.9
19.....	8.2	8.5	13.0	16.6	7.9	3.7	4.7	3.3	5.3	4.2	3.2	4.0
20.....	7.5	7.8	11.7	20.4	8.8	3.6	4.7	3.1	3.7	4.0	3.1	4.0
21.....	7.0	7.3	12.4	18.2	10.7	3.7	4.1	2.6	3.7	4.0	3.1	3.9
22.....	9.6	7.1	14.0	14.3	11.9	3.8	3.5	2.5	5.8	3.8	3.1	3.9
23.....	13.0	7.2	20.0	11.3	11.9	3.7	3.2	3.8	3.5	5.3	2.9	3.9
24.....	12.3	7.4	25.5	9.6	11.6	3.8	3.2	4.0	3.3	7.2	2.8	3.9
25.....	11.7	12.1	27.2	8.7	9.2	4.0	4.1	3.3	3.4	8.8	2.8	4.3
26.....	10.0	18.7	26.0	8.4	7.8	4.0	5.9	3.8	4.0	9.2	2.7	4.6
27.....	8.3	26.4	21.4	8.4	7.4	3.9	7.5	3.6	4.3	9.5	2.6	9.4
28.....	7.3	34.8	15.4	8.5	8.0	3.9	7.7	3.0	4.0	8.6	2.6	12.5
29.....	6.6	.....	13.0	8.4	8.1	3.5	7.7	3.8	3.8	7.6	2.5	12.9
30.....	7.7	.....	11.9	8.1	7.4	3.1	6.3	5.4	5.3	7.1	2.4	12.4
31.....	8.3	.....	10.7	.....	6.8	.....	6.2	6.5	.....	7.0	.....	9.3

Tennessee River at Chattanooga, Tennessee, for 1891.

Day.	Jan.	Feb.	Mar.	Apr.	May	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	7.7	9.8	18.6	15.4	5.9	5.8	3.9	8.3	5.4	1.8	1.3	3.7
2.....	7.8	13.2	17.5	16.3	5.7	5.6	3.8	10.3	4.7	1.9	1.3	3.2
3.....	9.9	16.1	15.6	16.3	5.6	5.3	3.6	15.1	4.3	1.9	1.3	2.9
4.....	14.1	19.8	13.3	15.7	5.5	4.8	3.6	16.4	4.2	1.8	1.2	2.8
5.....	15.5	22.6	15.4	15.1	5.2	4.4	3.6	12.0	5.1	1.8	1.2	5.6
6.....	15.2	21.6	20.0	12.6	5.1	4.1	3.6	8.7	5.1	1.7	1.2	6.1
7.....	10.4	18.3	23.6	11.6	4.9	3.9	3.4	6.9	5.2	1.7	1.2	6.6
8.....	8.2	16.9	29.1	10.8	4.7	4.1	3.4	5.8	5.2	1.6	1.2	8.6
9.....	7.1	14.5	34.5	9.8	4.6	4.6	3.3	5.1	5.8	1.7	1.2	10.8
10.....	6.3	21.0	37.5	9.6	4.5	4.7	4.5	4.6	4.9	1.7	1.2	10.9
11.....	6.5	27.8	38.9	9.8	4.4	5.5	5.1	4.4	4.4	1.8	1.5	10.2
12.....	8.9	34.3	37.6	9.9	4.3	7.0	4.4	4.0	3.9	1.8	1.7	8.5
13.....	10.7	36.5	33.5	10.6	4.2	6.5	3.9	4.0	3.6	1.7	2.7	6.8
14.....	10.0	37.5	27.0	11.3	4.1	5.7	3.5	3.9	3.5	1.7	3.6	5.7
15.....	9.2	35.5	22.2	12.2	4.2	5.5	3.1	3.8	3.5	1.7	4.1	5.1
16.....	7.3	29.0	19.8	10.8	4.2	5.7	2.9	3.6	3.5	1.6	3.5	5.0
17.....	7.8	21.1	18.1	9.4	4.5	5.8	2.8	3.5	3.5	1.6	2.8	5.2
18.....	7.5	19.7	15.3	8.4	4.7	6.1	2.7	3.4	3.2	1.5	2.5	5.3
19.....	7.5	18.2	13.5	8.2	4.7	6.8	4.1	3.0	2.9	1.5	2.4	4.8
20.....	7.6	16.5	12.3	7.9	4.6	7.3	5.0	3.0	2.7	1.5	2.5	4.5
21.....	7.3	15.5	11.3	7.9	4.5	6.8	4.5	3.4	2.6	1.5	2.3	4.2
22.....	8.2	18.8	10.8	7.6	4.3	6.8	4.0	4.0	2.5	1.5	2.4	4.0
23.....	12.5	24.0	10.7	7.4	4.1	6.5	3.8	4.6	2.4	1.5	3.0	3.8
24.....	15.3	27.7	10.8	7.4	4.0	7.1	3.6	5.5	2.3	1.5	4.6	3.7
25.....	14.0	29.0	10.6	7.5	3.8	7.4	3.5	5.6	2.2	1.5	6.2	4.1
26.....	13.6	26.7	10.4	7.5	3.9	7.6	3.5	7.7	2.2	1.5	6.7	4.9
27.....	11.2	20.6	10.5	7.4	4.0	6.2	3.5	8.2	2.1	1.5	6.3	8.1
28.....	9.7	19.0	11.1	7.2	4.1	4.9	3.6	8.1	2.0	1.5	5.6	10.2
29.....	7.9	.....	13.6	6.5	4.1	4.3	3.7	7.0	1.9	1.4	4.7	9.6
30.....	7.9	.....	13.0	6.2	4.7	4.1	3.8	6.4	1.9	1.4	4.0	8.4
31.....	8.9	.....	13.1	.....	5.3	.....	5.7	6.1	.....	1.4	.....	7.8

Tennessee River at Chattanooga, Tennessee, for 1892.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	6.6	6.5	5.7	9.1	8.7	5.6	6.6	4.2	2.1	2.2	1.1	4.1
2.....	6.6	6.2	5.6	8.3	8.2	5.4	5.6	4.1	1.8	2.0	1.2	4.0
3.....	8.1	6.0	5.5	7.4	7.6	5.5	5.5	4.2	1.7	1.9	1.2	3.8
4.....	8.8	5.8	5.3	6.8	7.3	5.8	5.4	4.0	1.5	1.8	1.6	3.7
5.....	8.7	5.5	5.1	6.5	7.4	8.8	6.6	4.1	1.3	1.7	2.0	3.6
6.....	8.4	5.4	5.0	8.5	7.0	9.2	8.9	4.9	2.2	1.6	2.3	3.6
7.....	9.0	5.3	4.9	21.7	6.6	9.3	11.2	4.2	2.1	1.6	2.4	3.3
8.....	9.8	5.8	5.0	31.6	6.3	8.7	11.8	3.8	2.0	1.5	2.4	3.2
9.....	10.0	8.1	6.0	34.2	6.2	8.6	10.1	3.5	2.0	1.5	2.9	3.2
10.....	9.3	11.5	7.1	34.3	5.9	8.3	8.6	3.3	1.9	1.5	4.4	3.0
11.....	8.1	11.3	8.0	31.0	5.5	7.8	9.0	3.3	2.0	1.5	5.9	2.9
12.....	8.3	10.5	7.9	26.6	5.7	8.0	9.5	3.1	1.8	1.5	6.6	2.7
13.....	11.2	8.9	7.6	18.0	5.7	8.1	9.4	3.5	2.1	1.4	7.0	2.6
14.....	22.9	7.7	7.6	12.9	5.5	7.8	8.9	3.6	2.1	1.4	4.4	2.6
15.....	32.9	7.2	6.8	11.7	5.3	6.0	8.7	3.7	2.1	1.4	4.2	3.3
16.....	37.1	7.4	6.2	10.9	5.2	5.3	8.5	3.5	3.1	1.4	4.8	3.4
17.....	37.9	8.0	5.9	10.0	5.1	4.8	8.4	3.1	4.5	1.4	5.6	5.3
18.....	35.2	7.9	6.5	9.4	4.8	4.4	8.1	2.9	4.1	1.3	6.2	8.1
19.....	26.3	7.5	7.5	8.8	5.1	4.4	7.5	2.8	3.5	1.3	6.4	8.7
20.....	18.7	7.7	8.2	12.3	5.5	4.3	7.2	2.8	3.0	1.2	6.2	8.4
21.....	19.0	7.9	8.2	16.2	6.1	7.0	6.9	3.0	2.8	1.2	5.5	9.1
22.....	19.0	8.9	7.8	16.3	6.5	7.8	6.2	2.9	3.0	1.2	4.8	9.3
23.....	17.4	8.9	7.6	15.5	6.9	7.4	5.6	2.9	2.6	1.2	4.4	8.9
24.....	14.9	8.4	8.4	14.8	7.1	7.1	5.4	3.0	2.3	1.2	4.2	7.8
25.....	12.2	7.9	9.6	13.5	7.6	6.9	5.2	2.7	2.3	1.2	3.9	6.7
26.....	10.5	7.5	9.5	13.7	7.8	6.8	5.0	2.8	3.6	1.1	3.4	5.8
27.....	9.7	6.7	10.0	13.6	6.7	6.7	4.6	3.2	3.6	1.1	3.1	5.2
28.....	8.5	6.4	10.6	10.4	6.2	7.3	4.5	3.6	3.1	1.1	3.0	4.8
29.....	7.7	5.9	10.3	9.1	5.8	7.5	4.3	4.4	2.6	1.1	3.0	4.3
30.....	6.9	.....	9.7	8.8	5.7	7.2	4.1	3.8	2.4	1.1	3.6	3.9
31.....	6.8	.....	9.4	.....	5.6	.....	3.8	3.3	.....	1.1	.....	3.3

Tennessee River at Chattanooga, Tennessee, for 1893.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	3.4	10.4	8.4	5.5	10.2	7.4	3.9	2.6	8.4	2.6	3.1	2.5
2.....	3.8	12.1	9.1	5.3	9.6	8.0	3.8	2.5	6.8	2.5	3.0	3.9
3.....	4.7	10.6	8.9	5.1	11.0	10.0	4.2	3.1	5.0	2.4	2.8	3.7
4.....	5.7	8.6	8.9	5.1	18.4	8.1	5.2	3.5	6.2	2.4	2.7	4.1
5.....	5.6	8.0	8.7	5.1	24.5	6.6	4.8	3.3	6.0	2.6	2.6	4.3
6.....	5.3	7.7	9.0	5.2	28.2	8.3	3.9	3.2	4.9	2.5	2.5	4.7
7.....	5.2	7.0	9.1	5.4	30.0	16.0	3.8	4.9	4.3	2.9	2.4	4.7
8.....	4.7	6.5	8.8	5.4	28.2	20.7	3.5	5.0	3.5	3.1	2.4	4.5
9.....	4.0	6.1	8.8	5.1	18.0	19.1	3.4	4.1	3.2	2.9	2.3	4.1
10.....	3.8	6.2	9.4	5.1	12.8	15.2	3.6	3.8	2.8	2.9	2.4	4.0
11.....	3.4	8.5	11.1	5.1	11.7	11.8	3.4	3.3	2.8	2.6	2.5	3.7
12.....	2.9	14.7	11.7	5.0	10.4	8.9	3.4	3.0	3.7	2.5	4.8	3.2
13.....	2.9	21.8	11.5	4.8	9.4	7.3	3.3	2.7	5.8	2.4	3.8	3.1
14.....	(a)	23.6	12.0	10.2	8.8	6.8	3.2	2.5	10.9	2.5	3.6	3.0
15.....	(a)	22.6	10.6	12.1	8.1	6.5	3.0	2.8	12.7	2.0	3.5	2.9
16.....	(a)	21.3	9.5	10.4	7.8	6.2	2.8	2.9	9.6	1.7	3.0	3.0
17.....	(a)	23.6	8.4	8.6	9.4	5.6	2.7	3.8	8.0	9.6	2.8	3.2
18.....	(a)	29.4	7.6	7.4	10.4	5.4	2.8	5.2	7.0	6.4	2.7	3.5
19.....	(a)	32.4	7.0	6.5	8.9	5.3	3.0	4.9	6.1	5.7	2.5	3.8
20.....	(a)	33.4	6.7	6.4	7.7	5.2	3.2	4.0	5.1	5.2	2.6	3.9
21.....	(a)	32.8	6.3	7.2	7.4	5.4	3.5	2.9	4.2	4.1	2.6	3.9
22.....	(a)	28.5	6.0	7.2	6.7	5.6	3.6	2.6	3.6	3.4	2.6	3.5
23.....	2.9	18.2	5.8	7.1	6.1	5.7	4.6	2.4	3.4	3.1	2.5	3.3
24.....	3.1	12.3	5.7	6.8	5.7	5.4	5.2	2.3	3.2	2.8	2.5	3.1
25.....	3.1	10.4	6.4	6.7	5.4	5.9	5.5	2.2	3.0	3.1	2.4	2.9
26.....	3.4	9.3	6.8	6.0	5.2	5.6	3.7	1.9	2.9	3.3	2.5	2.8
27.....	3.7	8.4	6.8	5.7	5.0	5.2	3.4	1.8	2.7	4.9	2.6	2.7
28.....	3.8	8.2	6.3	7.0	4.6	5.1	2.9	1.6	2.6	4.6	2.8	2.6
29.....	4.4	.....	5.9	9.5	5.4	4.7	3.7	1.6	2.4	4.0	2.7	2.5
30.....	5.3	.....	5.8	10.4	6.5	4.1	2.6	1.7	2.5	3.5	2.5	2.7
31.....	7.1	.....	5.7	.....	7.4	.....	2.6	1.6	.....	3.2	.....	3.1

a Frozen at gage.

Tennessee River at Chattanooga, Tennessee, for 1894.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	2.9	5.1	7.7	5.0	3.9	3.8	4.4	2.9	4.0	0.9	1.4	1.0
2.....	3.4	5.0	8.2	4.8	3.8	3.6	4.0	2.9	3.8	.9	1.7	1.0
3.....	3.8	4.9	9.4	5.4	3.7	3.5	3.7	2.9	3.0	1.0	2.3	.9
4.....	3.9	5.5	9.7	5.3	3.7	3.4	4.4	2.8	2.6	1.5	1.6	.9
5.....	3.5	21.9	9.5	6.8	3.6	3.3	4.2	2.9	2.1	1.8	1.4	.9
6.....	3.1	25.5	9.3	6.9	3.5	3.2	3.7	3.0	2.0	1.8	1.5	.9
7.....	4.9	23.9	8.5	7.2	3.4	2.9	3.2	2.9	1.8	1.5	1.5	.9
8.....	6.1	19.7	8.2	7.4	3.3	2.8	3.3	2.9	1.7	1.3	1.3	.9
9.....	9.3	16.1	7.9	6.6	3.4	2.6	3.1	3.0	1.5	1.1	1.2	1.1
10.....	9.0	16.0	7.2	5.7	3.3	2.5	3.3	2.6	1.4	1.0	1.1	1.2
11.....	8.5	16.7	6.9	5.9	3.2	2.5	3.7	2.3	1.4	.8	1.0	1.6
12.....	7.9	15.4	6.6	7.2	4.7	2.4	3.3	2.1	1.4	.9	1.0	3.8
13.....	8.3	15.2	6.7	8.5	5.1	2.3	2.7	1.9	1.3	1.2	.9	8.6
14.....	8.0	14.1	7.2	7.8	4.8	2.3	2.4	1.8	1.2	1.9	.8	11.1
15.....	7.8	12.2	7.0	7.2	4.3	2.2	2.1	2.0	1.5	2.4	.8	11.2
16.....	7.8	10.3	6.9	6.7	4.0	2.1	1.9	3.6	1.8	2.1	.8	10.8
17.....	7.1	9.5	6.8	6.3	4.1	2.0	1.8	4.6	1.8	1.7	.8	8.6
18.....	7.2	8.6	7.3	5.5	5.2	2.1	2.8	3.5	2.0	1.4	.7	6.6
19.....	6.3	8.4	7.4	5.0	5.0	2.4	2.4	3.0	2.0	1.1	.8	4.7
20.....	6.0	8.3	7.7	5.1	5.4	2.5	2.4	3.1	1.6	1.0	.9	4.2
21.....	5.3	8.5	7.1	4.9	5.6	2.6	3.3	3.6	1.5	.9	.9	3.6
22.....	5.0	8.7	8.8	4.8	6.2	2.5	3.7	3.7	1.5	.8	.9	3.2
23.....	5.0	8.8	8.7	4.7	6.8	2.3	3.8	4.0	1.8	.8	1.0	2.8
24.....	5.2	8.2	8.1	4.6	6.9	2.2	3.4	3.6	1.8	.8	1.0	2.7
25.....	5.3	7.9	7.7	4.5	7.1	2.2	4.0	3.0	1.6	.8	1.1	2.5
26.....	5.2	7.6	7.3	4.3	6.7	2.5	1.4	2.6	1.3	.8	1.2	2.4
27.....	5.4	7.7	7.0	4.2	6.0	2.6	3.9	2.2	1.1	.7	1.2	4.2
28.....	5.4	7.7	6.5	4.1	5.6	2.7	3.8	2.7	1.0	.7	1.1	6.9
29.....	5.1	.....	5.9	4.0	5.1	2.9	3.6	2.4	.9	.7	1.1	8.4
30.....	5.0	.....	5.7	4.0	4.7	4.3	3.3	2.7	.8	1.0	1.1	7.9
31.....	4.9	.....	5.2	.....	4.2	.....	3.3	4.3	.....	1.1	.....	5.8

Tennessee River at Chattanooga, Tennessee, for 1895.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	4.7	7.6	6.8	7.8	6.0	5.6	3.2	4.4	3.3	0.9	1.1	1.4
2.....	3.9	7.2	7.3	7.4	5.8	5.2	3.4	4.1	3.4	.8	1.2	1.5
3.....	3.3	7.3	12.1	6.8	5.5	4.8	3.8	3.8	3.2	.8	1.3	1.4
4.....	3.2	7.5	18.2	6.5	5.4	4.5	4.0	3.5	3.1	.8	1.6	1.4
5.....	3.1	7.6	19.9	6.3	5.7	4.2	4.5	3.4	2.9	.8	1.6	1.4
6.....	3.1	7.4	18.2	6.2	6.0	4.4	5.0	3.0	2.8	.8	1.3	1.6
7.....	3.3	6.9	13.4	6.0	6.5	4.6	5.0	3.2	2.8	.8	1.3	1.5
8.....	4.0	6.5	10.5	9.6	7.0	5.2	5.1	3.3	2.8	.9	1.2	1.4
9.....	10.9	6.4	9.2	10.7	8.2	5.1	5.5	3.3	2.5	.8	1.1	1.3
10.....	20.5	5.0	8.6	11.4	8.6	4.6	5.7	3.0	2.4	.9	1.2	1.3
11.....	28.5	4.0	8.1	13.0	9.0	4.2	5.1	3.0	2.3	1.0	1.3	1.4
12.....	32.1	3.3	7.5	12.5	8.8	3.8	4.4	2.9	2.4	1.0	1.7	1.5
13.....	31.2	4.2	7.8	10.4	8.9	3.6	3.8	3.2	2.5	1.0	2.1	1.8
14.....	28.3	(a)	8.0	8.8	9.5	3.5	3.4	2.9	2.4	1.0	2.4	1.9
15.....	19.5	4.3	8.7	7.9	9.0	3.4	3.2	2.8	2.3	.9	2.2	2.0
16.....	12.3	4.7	9.4	7.4	8.2	3.4	3.2	2.7	2.2	1.0	2.0	1.9
17.....	10.9	4.7	9.2	7.0	7.7	3.8	3.7	3.1	2.1	1.0	1.9	1.8
18.....	10.0	4.2	9.6	9.0	7.1	3.7	3.6	4.3	2.3	1.0	1.8	1.7
19.....	9.7	4.7	9.4	11.8	7.0	3.5	3.3	4.9	2.2	.9	1.7	1.6
20.....	9.1	4.6	8.9	11.8	7.2	3.2	3.0	5.7	2.0	.9	1.5	1.5
21.....	9.6	5.1	14.3	9.9	7.1	3.1	2.7	5.3	2.1	.8	1.3	1.6
22.....	10.2	5.6	20.6	8.6	6.7	3.2	2.7	6.1	1.9	.8	1.1	2.1
23.....	9.9	6.1	22.7	7.7	6.5	3.1	2.5	5.3	1.6	.7	1.3	3.3
24.....	9.1	6.7	22.0	7.1	5.8	3.0	2.4	4.8	1.4	.7	1.4	4.2
25.....	10.8	6.8	18.2	6.7	5.6	2.9	2.4	4.6	1.3	.7	1.3	4.6
26.....	10.8	6.5	13.0	6.3	5.6	2.9	2.9	4.7	1.3	.7	1.3	4.3
27.....	10.0	6.3	11.3	6.0	7.0	2.6	3.8	4.2	1.2	.7	1.3	4.2
28.....	9.3	6.3	10.6	6.0	7.5	2.5	10.2	3.7	1.1	.7	1.3	4.5
29.....	8.8	.....	9.5	5.9	7.4	2.5	10.4	3.5	1.0	.7	1.3	5.2
30.....	8.6	.....	8.9	5.9	6.7	2.6	7.4	3.7	0.9	.7	1.5	4.7
31.....	8.4	.....	8.4	.....	6.0	.....	5.3	3.4	.....	1.0	.....	4.7

a Frozen.

Tennessee River at Chattanooga, Tennessee, for 1896.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	4.9	4.4	4.1	14.8	3.4	2.6	3.3	5.5	2.4	2.5	1.2	2.4
2.....	5.0	6.2	3.9	27.7	3.4	3.0	3.2	5.2	2.1	2.3	1.2	2.5
3.....	4.9	10.0	3.8	34.4	3.4	4.4	3.1	4.8	1.9	2.6	1.3	2.5
4.....	4.9	11.6	3.7	38.8	3.5	5.7	3.2	4.6	1.8	3.0	1.5	2.6
5.....	4.7	10.5	3.6	40.5	4.0	5.2	3.3	4.5	1.6	2.7	1.5	2.6
6.....	4.3	9.3	3.5	36.9	4.6	4.7	3.2	4.9	1.6	2.6	1.6	2.7
7.....	3.6	11.8	3.4	23.3	4.6	4.1	3.6	5.0	1.5	2.1	2.3	2.9
8.....	3.3	14.0	3.5	11.6	4.3	3.5	5.0	4.2	2.0	1.7	3.5	3.0
9.....	3.2	13.8	3.5	9.0	4.0	3.5	3.9	3.8	2.8	1.5	4.2	2.8
10.....	3.2	13.2	3.4	8.0	3.7	4.5	14.2	3.4	2.7	1.4	4.1	2.8
11.....	3.1	12.8	3.6	7.2	3.4	7.0	21.1	3.3	2.4	1.2	3.3	2.7
12.....	3.1	11.4	3.6	6.7	3.1	6.3	21.6	3.4	2.0	1.2	3.2	2.6
13.....	2.9	10.1	3.8	6.2	2.9	5.1	15.6	3.2	1.8	1.2	5.8	2.4
14.....	2.7	11.1	3.8	5.8	2.8	4.3	11.5	3.2	1.6	1.2	7.3	2.6
15.....	2.6	12.8	3.7	5.5	2.7	3.6	11.2	3.1	1.6	1.5	6.5	4.1
16.....	2.4	13.6	3.8	5.2	2.6	3.2	11.4	3.0	1.5	1.7	5.5	6.5
17.....	2.3	12.5	5.5	5.0	2.5	3.0	11.0	3.0	1.3	1.6	4.9	6.6
18.....	2.3	11.0	10.1	4.8	2.4	2.8	13.9	2.9	1.4	1.6	4.3	6.3
19.....	2.3	9.0	13.1	4.2	2.4	2.9	12.5	2.7	1.4	1.7	3.8	6.4
20.....	2.3	7.6	15.7	4.4	2.2	3.1	9.6	2.6	1.3	1.6	3.4	6.8
21.....	2.3	6.7	13.8	4.2	2.1	3.7	7.6	2.4	1.2	1.6	3.0	7.0
22.....	2.5	6.0	11.2	4.1	2.1	3.5	6.5	2.4	1.2	1.4	2.8	7.2
23.....	3.1	5.4	9.5	4.1	2.5	3.5	8.5	2.2	1.3	1.2	2.5	7.3
24.....	5.0	4.9	8.4	4.0	3.2	3.3	8.8	2.2	1.4	1.2	2.4	7.0
25.....	6.5	4.7	7.9	4.0	3.6	3.1	8.6	2.8	1.6	1.2	2.3	6.6
26.....	8.2	4.6	7.5	3.8	3.8	2.9	7.8	2.6	2.0	1.2	2.2	5.9
27.....	8.0	4.5	7.2	3.8	3.2	2.6	11.1	2.7	1.7	1.2	2.1	5.3
28.....	7.0	4.4	6.7	3.8	3.1	2.6	12.2	3.2	1.5	1.2	2.2	4.8
29.....	6.0	4.2	6.2	3.6	2.8	2.8	9.3	4.0	1.5	1.1	5.3	4.4
30.....	5.3	.....	5.8	3.6	2.7	3.0	7.2	3.6	2.7	1.1	9.4	3.7
31.....	4.8	.....	7.7	.....	2.5	.....	6.2	2.8	.....	1.3	.....	3.0

Missouri River at Townsend, Montana.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.	92.3	91.6	88.8	88.9	89.5	91.8	92.0	89.1	88.9	88.9	89.0	91.5
2.	92.2	91.6	90.9	88.9	89.5	92.2	92.0	89.1	89.0	88.9	89.0	91.8
3.	91.8	91.6	90.7	88.9	89.5	92.6	91.8	89.1	88.9	88.9	88.9	92.2
4.	91.4	91.6	90.7	88.9	89.5	93.0	91.6	89.1	88.9	88.9	88.9	92.8
5.	91.4	91.6	90.7	88.9	89.6	93.6	91.4	89.1	88.9	88.9	88.9	92.9
6.	91.6	91.6	90.7	88.9	89.7	93.7	91.2	89.1	88.9	88.9	88.9	92.9
7.	91.6	91.6	90.7	88.9	89.8	93.8	91.0	89.1	88.9	88.9	88.9	92.9
8.	91.6	91.6	90.7	89.0	89.9	93.7	91.0	89.1	88.9	88.9	88.9	92.9
9.	91.8	91.6	90.7	89.0	90.0	93.8	90.7	89.1	88.9	88.9	89.0	92.9
10.	91.8	91.5	90.7	89.0	90.0	93.9	90.6	89.1	89.0	88.9	89.0	92.9
11.	92.0	91.5	90.7	89.0	89.9	94.2	90.4	89.1	89.1	89.0	89.1	92.9
12.	91.9	91.5	92.2	89.0	89.8	94.5	90.4	89.0	89.1	88.9	89.1	92.9
13.	91.9	91.5	90.0	88.9	89.8	94.4	90.5	88.9	89.1	88.9	89.2	92.8
14.	91.9	91.5	89.4	88.9	89.7	94.4	90.6	88.9	89.1	88.9	89.2	92.8
15.	91.9	91.5	89.0	88.9	89.6	94.5	90.8	88.9	89.1	88.9	89.2	92.6
16.	91.9	91.5	88.8	88.9	89.6	94.6	90.6	88.9	89.1	88.9	89.2	92.2
17.	91.9	91.5	88.6	88.9	89.6	94.7	90.5	88.9	89.1	88.9	89.2	91.9
18.	91.9	91.5	88.6	88.9	89.7	94.8	90.2	88.9	89.0	88.9	89.1	91.4
19.	91.8	91.5	88.8	88.9	89.7	94.8	90.0	88.8	89.0	88.9	89.1	91.4
20.	91.8	91.5	89.0	88.9	89.8	94.9	89.8	88.8	89.0	88.9	89.1	91.4
21.	91.8	91.5	89.1	89.0	89.8	94.7	89.7	88.8	89.0	88.9	89.1	89.8
22.	91.8	90.5	89.1	89.0	89.8	94.6	89.7	88.8	89.1	88.9	89.1	89.7
23.	91.8	90.4	89.1	89.1	90.0	94.5	89.7	88.8	89.1	88.8	89.1	89.5
24.	91.8	90.3	89.1	89.1	90.0	94.2	89.6	88.8	89.1	88.8	89.1	89.3
25.	91.8	89.8	89.1	89.1	90.2	93.8	89.6	88.8	89.1	88.8	89.1	89.3
26.	91.8	89.6	89.1	89.1	90.4	93.4	89.5	88.8	89.1	88.8	90.6	89.2
27.	91.7	89.2	89.1	89.2	90.4	92.8	89.4	88.7	89.1	88.8	90.6	89.2
28.	91.7	88.4	89.1	89.2	90.6	92.6	89.4	88.7	89.0	88.9	90.6	89.1
29.	91.7	88.8	89.0	89.4	91.1	92.4	89.3	88.7	88.9	88.9	90.6	89.0
30.	91.6	.....	88.9	89.5	91.5	92.2	89.3	88.7	88.9	89.0	90.8	88.9
31.	91.6	.....	88.9	.....	91.6	.....	89.2	88.8	.....	89.0	.....	82.9

West Gallatin River, near Salesville, Montana.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.
1	3.60	2.90	2.70	.....	3.25	5.45	5.55	3.60	3.40	3.40	3.10
2	3.70	2.90	2.60	.....	3.25	6.05	5.45	3.70	3.40	3.40	3.10
3	3.60	2.90	2.70	.....	3.30	5.95	5.30	3.80	3.40	3.40	3.10
4	3.50	2.90	2.70	.....	3.45	5.85	5.15	3.75	3.40	3.35	3.10
5	3.85	2.90	2.80	.....	3.45	5.65	5.05	3.70	3.40	3.40	3.10
6	3.90	2.90	2.80	.....	3.45	5.60	4.95	3.70	3.30	3.40	3.10
7	4.00	2.90	2.85	.....	3.40	5.60	4.95	3.70	3.30	3.30	3.05
8	3.75	2.90	.....	.....	3.35	6.00	4.85	3.70	3.30	3.35	3.05
9	3.40	2.90	.....	.....	3.35	6.95	4.75	3.65	3.30	3.45	3.15
10	3.10	2.90	.....	3.00	3.35	7.85	4.70	3.55	3.30	3.50	3.20
11	3.00	3.00	.....	3.00	3.35	7.10	4.70	3.50	3.40	3.40	3.10
12	2.90	3.00	.....	3.00	3.35	6.65	4.75	3.50	3.40	3.30	3.10
13	2.90	3.00	.....	2.90	3.30	6.75	4.85	3.50	3.40	3.30	3.15
14	2.90	3.00	.....	3.00	3.30	7.15	4.75	3.50	3.45	3.30	3.20
15	3.00	3.00	.....	2.90	3.30	7.20	4.60	3.50	3.45	3.30	3.20
16	3.00	3.00	.....	2.90	3.30	7.50	4.45	3.50	3.40	3.30	3.20
17	3.00	3.00	.....	2.90	3.20	7.50	4.30	3.50	3.40	3.20	3.20
18	3.00	3.00	.....	2.90	3.20	7.90	4.25	3.50	3.40	3.20	3.10
19	3.00	3.00	.....	2.90	3.20	7.85	4.20	3.50	3.40	3.20	3.10
20	2.90	3.00	.....	2.90	3.25	7.35	4.10	3.40	3.40	3.20	3.10
21	2.90	3.10	.....	2.90	3.30	6.95	4.00	3.50	3.30	3.20	3.05
22	2.90	3.10	.....	3.00	3.40	6.50	4.00	3.45	3.30	3.20	3.20
23	3.00	2.95	.....	3.00	3.50	6.20	4.00	3.40	3.30	3.20	3.20
24	3.00	2.95	.....	3.00	4.10	6.00	3.90	3.40	3.30	3.20	3.10
25	3.00	2.95	.....	3.15	4.10	5.90	3.90	3.40	3.50	3.20	3.00
26	3.00	3.00	.....	3.20	4.00	5.85	3.80	3.35	3.45	3.20	2.80
27	2.90	2.95	.....	3.20	4.10	5.80	3.70	3.30	3.40	3.20	2.70
28	2.90	2.90	.....	3.30	4.40	5.55	3.70	3.30	3.40	3.20	2.70
29	2.90	2.75	.....	3.30	4.40	5.50	3.85	3.30	3.30	3.10	2.70
30	2.90	.....	.....	3.30	3.90	5.50	3.70	3.30	3.40	3.10	2.70
31	2.90	.....	.....	.....	4.90	.....	3.60	3.40	.....	3.10	.....

Middle Creek at Bozeman, Montana.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
1							
2		0.25					
3				0.90			
4	0.10		0.90				
5						0.20	
6							
7				1.05			
8			1.15		0.35		
9		.33					
10							
11					.30		
12			1.20			.28	
13							
14						.27	
15							
16		.25	1.30				
17					.28		0.21
18						.22	
19				.60		.21	
20							
21							
22		.48				.20	
23			1.10				
24	.20	.80					
25					.23		
26							
27		.93					
28					.22		
29				.43			
30		1.80					
31							

Gallatin River at Logan, Montana.

Day.	Jan.	Feb.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	(a)	1.00		1.30	3.20	2.75	1.20	1.00	1.00		
2	(a)	.90		1.20	3.65	2.65	1.10	1.00	1.00		
3	(a)	.90		1.20	3.80	2.50	1.10	1.00	1.00		
4	(a)	1.00		1.20	3.95	2.50	1.10	1.00	1.05	1.00	
5	(a)	.90		1.40	3.80	2.35	1.10	1.00	1.10		
6	(a)	.90		1.55	3.75	2.20	1.10	.90	1.05		
7	(a)	1.00		1.50	3.75	2.00	1.10	.90	1.00	1.00	
8	(a)	1.05		1.45	3.70	1.90	1.10	.90	1.00		
9	(a)	1.00	1.10	1.50	4.20	1.80	1.10	.90	1.00		
10	(a)	1.00	1.10	1.60	5.10	1.65	1.05	1.00	1.00		
11	(a)	1.20	1.10	1.50	5.15	1.50	1.00	1.10	1.00	1.00	1.63
12	(a)	.95	1.05	1.50	4.50	1.50	1.00	1.20	1.00		1.10
13	(a)	.90	1.00	1.50	4.50	1.75	1.00	1.10	1.00		
14	(a)	.90	1.10	1.40	4.65	1.60	1.00	1.05	1.00	1.00	
15	(a)	.90	1.10	1.40	4.75	1.70	1.00	1.00	1.00		
16	(a)	.90	1.10	1.30	5.20	1.60	1.00	1.00	.95		1.10
17	(a)	.90	1.00	1.30	5.45	1.50	1.00	1.00	.95		
18	(a)	.90	1.00	1.30	5.60	1.40	1.00	1.00	1.00	1.00	
19	(a)	.90	1.00	1.30	5.10	1.40	1.00	.95	1.00		1.10
20	(a)	.90	1.00	1.30	4.85	1.40	1.00	.95	1.00		
21	(a)	1.00	1.00	1.30	4.50	1.40	1.00	.95	1.00	1.00	
22	(a)	.95	1.00	1.30	4.40	1.30	1.00	.95	1.00		
23	(a)	.90	1.00	1.30	4.25	1.30	1.00	.95	.95		
24	(a)	.95	1.00	1.35	4.05	1.20	1.00	.95	1.00	1.00	1.00
25	(a)	1.00	1.05	1.70	3.80	1.10	1.00	1.10	1.00		
26	(a)	1.00	1.10	1.80	3.55	1.10	1.00	1.15	1.00		1.00
27	(a)	1.00	1.10	1.80	3.40	1.10	1.00	1.05	1.00		
28	1.10	1.00	1.20	2.05	3.25	1.10	1.00	1.05	1.00		
29	1.10	1.00	1.20	2.30	3.10	1.20	1.00	1.05	1.00		
30	1.10		1.20	2.50	2.95	1.20	1.00	1.00	1.00		
31	1.00			2.70		1.20	1.00		1.00		

α Frozen.

Madison River at Threeforks, Montana.

Day.	Jan.	Feb.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
1	1.00	1.10	.....	0.30	1.35	2.10	0.80	0.50	0.45
2 .....	.90	1.10	.....	.30	1.45	2.00	.80	.50	.45
3	— .60	1.00	.....	.30	1.55	1.90	.70	.50	.48
4	— .60	1.00	.....	.30	1.75	1.85	.70	.50	.50
5	— .60	.90	.....	.30	1.95	1.80	.70	.50	.50
6	— .60	.90	.....	.30	2.05	1.70	.70	.50	.50
7	— .45	.90	.....	.30	1.95	1.60	.60	.50	.50
8	— .35	.90	0.20	.35	1.95	1.50	.60	.50	.50
9	— .95	.90	.20	.40	2.30	1.45	.60	.50	.48
10	+1.20	.90	.20	.40	2.55	1.40	.60	.50	.45
11	1.20	.80	.20	.30	2.65	1.30	.60	.50	.45
12	1.15	.80	.15	.30	2.75	1.35	.60	.53	.45
13	1.05	.80	.10	.30	2.70	1.35	.50	.55	.45
14	1.00	.80	.15	.30	2.75	1.30	.50	.55	.45
15	1.00	.80	.20	.25	2.80	1.30	.50	.55	.45
16	1.00	.80	.20	.20	2.95	1.30	.50	.50	.45
17	1.00	.80	.20	.20	3.05	1.30	.50	.50	.45
18	1.10	.80	.20	.20	3.15	1.20	.50	.45	.45
19	1.20	.80	.20	.20	3.20	1.15	.50	.45	.45
20	1.20	.80	.20	.25	3.10	1.10	.50	.45	.45
21	1.20	.80	.20	.30	3.10	1.05	.45	.45	.45
22	1.20	.80	.15	.35	3.00	1.00	.40	.45	.45
23	1.20	.80	.10	.40	2.85	.90	.40	.45	.45
24	1.20	.90	.10	.45	2.70	.90	.40	.45	.45
25	1.20	.90	.10	.55	2.55	.80	.40	.48	.45
26	1.20	.90	.20	.70	2.45	.80	.40	.50	.45
27	1.20	.90	.20	.75	2.40	.80	.40	.50	.45
28	1.20	.90	.20	.85	2.30	.70	.40	.50	.45
29	1.20	.80	.25	.95	2.20	.75	.40	.50	.40
30	1.10	.....	.30	1.05	2.15	.80	.40	.50	.40
31	1.10	.....	.....	1.20	.....	.80	.40	.....	.40

Jefferson River at Sappington, Montana.

Day.	Jan.	Sept.	Oct.	Nov.	Dec.	Day.	Jan.	Sept.	Oct.	Nov.	Dec.
1	(a)	.....	0.87	.....	.....	17	(a)	0.98	0.89	.....	.....
2	(a)	.....	.90	.....	.....	18	(a)	.97	.89	.....	2.10
3	(a)	.....	.89	0.96	.....	19	0.50	.90	.88	.....	.....
4	(a)	.....	.90	.....	.....	20	1.00	.90	.87	.....	.....
5	(a)	.....	.90	.....	.....	21	1.50	.87	.86	1.20	.....
6	(a)	.....	.90	.....	.....	22	1.00	.85	.87	.....	2.10
7	(a)	.....	.90	.81	.....	23 .....	.....	.84	.87	1.20	.....
8	(a)	.....	.90	.....	.....	24	(a)	.86	.87	.....	.....
9	(a)	.....	.90	.....	.....	25	(a)	.89	.87	.....	.....
10	(a)	0.88	.90	.....	1.90	26 .....	.....	.90	.86	.....	.....
11	(a)	.90	.90	.....	.....	27 .....	.....	.90	.91	.....	.....
12	(a)	.92	.88	.....	.....	28 .....	.....	.86	.93	.....	.....
13	(a)	.97	.87	.....	.....	29 .....	.....	.84	.94	.....	.....
14	(a)	1.00	.87	.....	.....	30 .....	.....	.86	.94	.....	.....
15	(a)	1.04	.87	.....	2.20	31 .....	.....	.....	.93	.....	.....
16	(a)	1.00	.88	.....	.....				

a Frozen.

Little Goose Creek at Sheridan, Wyoming.

Day.	May.	June.	July.	Day.	May.	June.	July.	Day.	May.	June.	July.
1 ..	1.70	1.75	0.70	12..	2.00	1.30	0.80	23..	1.50	0.75	0.80
2..	1.70	2.45	.70	13..	1.80	1.35	.80	24..	1.95	.75	.85
3..	1.70	2.30	.70	14..	1.80	1.30	.85	25..	2.10	.75	.80
4..	1.80	2.50	.75	15..	1.80	1.35	.80	26..	1.70	.75	.80
5..	1.80	2.30	.80	16..	1.60	1.10	.85	27..	1.70	.75	.80
6..	2.00	2.00	.75	17..	1.60	1.10	.80	28..	1.85	.75	.90
7..	2.30	1.80	.75	18..	1.50	.90	.95	29..	1.75	.75	.80
8..	2.00	1.75	.75	19..	1.40	.75	.80	30..	2.50	.70	.80
9..	2.20	1.90	.75	20..	1.30	.75	.80	31..	1.80	.....	.85
10..	2.40	1.95	.80	21..	1.40	.75	.80				
11..	2.00	1.60	.80	22..	1.55	.75	.80				

Big Goose Creek at Sheridan, Wyoming.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Day.	Apr.	May.	June.	July.	Aug.	Sept.
1.....		2.90	3.70	2.25	2.35	1.50	17.....	2.60	2.00	3.15	2.10	1.90	1.50
2.....		2.80	3.45	2.40	2.10	1.50	18.....	2.55	3.20	3.10	2.75	1.85	1.40
3.....		2.80	5.10	2.40	2.20	1.60	19.....	2.50	3.50	3.05	2.10	1.90	1.40
4.....		3.00	4.90	2.40	2.15	1.50	20.....	2.58	3.00	3.10	2.15	1.90	1.50
5.....		3.20	4.20	2.40	2.35	1.50	21.....	2.55	3.00	3.15	2.30	1.90	1.60
6.....		3.40	4.10	2.45	2.20	1.60	22.....	2.50	3.50	3.10	2.30	1.90	1.50
7.....		3.20	3.75	2.30	2.15	1.70	23.....	2.50	3.50	2.80	2.60	1.90	1.40
8.....		2.00	4.25	2.35	2.10	1.70	24.....	2.60	2.95	2.75	2.45	1.90	1.50
9.....		3.60	4.25	2.25	2.10	1.50	25.....	2.60	3.90	2.80	2.35	1.80	1.40
10.....	2.55	3.40	4.90	2.10	2.20	1.60	26.....	2.75	3.10	2.70	2.25	1.80	1.50
11.....	2.60	3.20	4.10	2.20	1.65	1.70	27.....	2.85	3.45	2.65	2.40	1.80	1.60
12.....	2.55	3.40	3.60	2.20	1.90	1.70	28.....	2.95	3.50	2.65	2.40	1.80	1.50
13.....	2.45		3.60	2.10	1.80	1.50	29.....	2.85	3.15	2.60	2.35	1.70	1.70
14.....	2.45	3.40	3.40	2.25	1.85	1.40	30.....	2.90	4.40	2.05	2.25	1.90	1.80
15.....	2.50	3.20	3.35	2.10	1.85	1.40	31.....		4.40		2.45	2.00	
16.....	2.60	3.40	3.30	2.00	1.90	1.30							

Clear Creek near Buffalo, Wyoming.

Day.	May.	June.	July.	Aug.	Sept.	Oct.	Day.	May.	June.	July.	Aug.	Sept.	Oct.
1.....		1.35	0.80	1.00	0.56	-----	17.....	0.70	1.25	1.40	0.63	0.60	0.48
2.....	0.80	1.50	.80	.90	.60	-----	18.....	.70	1.30	1.20	.62	.62	.46
3.....	.80	1.90	.85	.80	.62	-----	19.....	.70	1.20	1.10	.68	.60	.45
4.....	.85	1.60	.85	.95	.66	-----	20.....	.75	-----	1.00	.65	.60	-----
5.....	1.00	1.30	.80	.90	.66	-----	21.....	.70	-----	.90	.68	.60	-----
6.....	1.05	1.20	.85	.80	.64	-----	22.....	.70	-----	.90	.70	.58	-----
7.....	1.05	1.30	.80	.70	.62	-----	23.....	.85	-----	.85	.68	.58	-----
8.....	1.10	1.30	.85	.90	.60	0.52	24.....	1.20	-----	.90	.62	.58	-----
9.....	1.00	1.70	.80	.90	.62	.54	25.....	1.30	-----	.90	.60	.58	-----
10.....	.90	1.70	.80	.75	.64	.52	26.....	1.20	-----	.80	.60	.58	-----
11.....	.80	1.45	.80	.70	.64	.50	27.....	1.10	.80	.80	.60	.58	-----
12.....	.90	1.45	.75	.68	.64	.48	28.....	1.10	.80	.75	.58	.58	-----
13.....	.90	1.30	.70	.65	.66	.48	29.....	1.30	.80	.75	.58	.60	-----
14.....	.80	1.30	.75	.65	.64	.48	30.....	1.70	.85	.70	.56	.62	-----
15.....	.70	1.25	1.20	.65	.60	.48	31.....	1.70	-----	1.15	.56	-----	-----
16.....	.70	1.25	1.50	.65	.60	.48							

Laramie River at Woods Landing, Wyoming.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
1.....		1.60	2.40	1.20	0.60	1.00	1.00
2.....		1.55	2.28	1.10	.80	.90	1.00
3.....		1.55	2.15	1.10	.80	.88	1.05
4.....		1.60	2.30	1.00	.80	.80	1.00
5.....		1.65	2.30	1.00	.80	.75	1.05
6.....		1.95	2.05	.90	.80	.70	1.00
7.....		2.15	1.95	.80	.70	.80	1.05
8.....		2.25	1.85	.80	.70	.80	1.00
9.....		2.00	1.85	.80	.75	.90	1.00
10.....		2.00	1.90	.70	.70	1.15	1.00
11.....		2.05	2.20	.70	.70	1.25	1.00
12.....		1.90	1.90	.70	.60	1.20	1.00
13.....	0.95	1.75	1.70	.80	.60	1.05	1.00
14.....	.80	1.05	1.70	.95	.60	.95	1.00
15.....	1.00	1.65	1.95	1.05	.60	.80	1.00
16.....	1.00	1.60	1.85	.85	.60	.85	-----
17.....	.90	1.60	1.70	1.30	.75	.85	-----
18.....	.80	1.70	1.65	1.15	.85	1.00	-----
19.....	.75	1.85	1.60	1.15	1.00	1.00	-----
20.....	.85	1.75	1.55	.95	1.30	1.00	-----
21.....	.95	1.75	1.50	.95	1.30	1.00	-----
22.....	1.25	1.75	1.45	.85	1.48	1.05	-----
23.....	1.30	1.83	1.50	1.25	1.35	1.10	-----
24.....	1.40	1.97	1.35	1.40	1.02	1.15	-----
25.....	1.60	2.02	1.35	1.30	.90	1.60	-----
26.....	1.75	2.15	1.35	1.40	.85	1.15	-----
27.....	1.85	2.00	1.30	1.40	.80	1.30	-----
28.....	2.05	2.10	1.20	1.25	.80	1.15	-----
29.....	1.65	2.10	1.20	1.00	.95	1.15	-----
30.....	1.75	3.25	1.20	.90	1.15	1.05	-----
31.....		2.85	-----	.80	1.15	-----	-----

Laramie River at Uva, Wyoming.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
1		1.40	2.90	0.90	0.70	0.80	0.90
2		1.60	4.00	.80	.70	.80	.82
3		2.30	4.60	1.00	.70	.72	.82
4		2.30	3.80	.90	.80	.72	.82
5		2.10	3.00	.85	.80	.72	.80
6	1.80	2.00	2.70	.80	.70	.72	.80
7	1.80	2.00	2.70	.80	.70	.72	.80
8	1.75	2.10	2.80	.80	.60	.72	.80
9	1.75	2.10	2.50	.75	.70	.70	.80
10	1.60	2.30	2.30	.70	.70	.70	.80
11	1.60	2.40	2.00	.70	.80	.70	.80
12	1.50	2.40	1.50	.70	.80	.70	.80
13	1.50	2.50	1.40	.70	.70	.72	.80
14	1.60	2.50	1.40	.70	.90	.72	.80
15	1.70	2.40	1.30	.70	1.00	.72	.80
16	1.80	2.40	1.30	.80	1.00	.80	
17	1.70	2.20	1.20	.80	1.20	.80	
18	1.70	2.00	1.20	2.00	1.40	.82	
19	1.40	1.90	1.10	1.80	3.20	.82	
20	1.90	1.90	1.00	1.70	3.00	.82	
21	1.80	1.60	1.00	1.40	1.70	.82	
22	1.80	1.40	1.10	1.40	1.20	.90	
23	1.70	1.40	1.00	1.20	1.00	.90	
24	1.70	1.60	1.10	1.10	1.00	.90	
25	1.80	1.70	1.20	1.00	.90	.82	
26	1.30	1.70	1.10	1.00	.90	.82	
27	1.70	1.60	1.00	1.00	.90	.80	
28	1.70	1.50	1.00	1.00	.82	.80	
29	2.00	1.50	1.00	.90	.82	.80	
30	1.40	1.70	.90	.90	.80	.90	
31		1.90		.80	.80		

North Platte River at Orin, Wyoming.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Dec.
1		4.67	5.70	2.13	1.68	1.20	1.17	
2		4.45	5.97	2.03		1.20	1.32	2.30
3			6.07	2.00	1.68	1.27	1.37	
4		4.05	5.85	2.00	1.58	1.30		
5		4.00	5.45		1.48	1.40	1.30	
6		4.00	5.00	1.75	1.38		1.27	
7		4.17		1.62	1.28	1.17	1.22	
8		4.37	4.80	1.52	1.18	1.07	1.17	
9		4.62	4.68	1.48		1.17	1.12	1.90
10			4.45	1.40	1.13	1.20	1.10	
11		5.02	4.25	1.25	.98	1.07		
12		4.86	4.08		.95	.97	1.15	1.90
13	2.68	4.82	4.25	1.13	.90		1.10	
14	3.10	4.87		1.10	.90	1.23	1.10	
15	3.47	4.75	4.13	2.30	.83	1.30	1.10	
16	3.65	4.55	3.95	2.20		1.35		2.00
17	3.62		3.75	1.78	1.05	1.42		
18	3.45	4.05	3.55	1.65	.80	1.37		
19		3.87	3.63	2.45	.90	1.27		2.10
20	3.05	3.70	3.73		1.10			
21	3.00	3.50		2.35		1.17		
22	2.92	3.37	3.98	2.10	.85			
23	3.10	3.35	3.70	2.08		.97		
24	3.35		3.33	1.85	.87	.95		
25	3.90	3.42	3.05	1.73	1.95	.90		
26		3.75	2.85		1.67	.90		1.80
27	4.05	4.22	2.65	1.62	1.45			
28	4.40	4.60		1.53	1.37	1.02		
29	4.55	4.70	2.35	1.50	1.42			
30	4.62	4.87	2.23	1.50	1.10			
31				1.50	1.27			

North Platte River at North Platte, Nebraska.

Day.	Jan.	Feb.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.50	2.85	-----	2.70	2.75	2.55	2.20	1.50	1.90	2.45	2.40
2	2.50	2.90	-----	2.75	2.90	2.55	2.15	1.75	1.80	2.50	2.40
3	2.50	2.80	-----	2.65	2.75	2.45	2.25	1.65	1.75	2.35	2.40
4	2.50	2.80	-----	2.85	2.55	2.35	2.30	1.65	1.70	2.20	2.30
5	2.60	2.65	-----	2.95	3.85	2.25	2.05	1.60	1.75	2.15	2.30
6	2.60	2.50	-----	3.15	4.00	2.20	2.15	1.60	1.70	1.90	2.30
7	2.60	2.45	-----	3.05	3.85	2.15	2.25	1.50	1.85	1.80	2.40
8	2.60	2.05	-----	3.15	3.70	2.00	2.05	1.50	1.90	1.70	2.45
9	2.65	2.00	-----	3.00	3.55	2.00	1.80	1.60	1.85	1.85	2.55
10	2.75	2.05	2.30	2.90	3.45	1.90	1.90	1.70	1.90	1.95	2.65
11	2.80	1.95	2.45	2.90	3.35	1.80	1.70	1.80	1.80	2.05	2.65
12	2.70	2.45	2.65	2.85	3.35	1.60	1.60	1.80	1.85	2.10	2.75
13	2.70	2.75	2.80	2.95	3.35	1.50	1.60	1.90	1.85	2.20	2.75
14	2.70	2.60	2.65	3.05	3.20	1.35	1.50	2.00	1.85	2.10	2.75
15	2.70	2.35	2.55	3.25	3.05	1.10	1.45	2.00	1.85	2.15	2.75
16	2.70	2.35	2.50	3.05	2.90	1.15	1.35	1.90	1.90	2.05	2.65
17	2.75	2.25	2.60	3.05	2.85	1.05	1.45	1.80	1.90	2.25	2.70
18	2.70	2.15	2.60	3.10	2.85	1.00	1.65	1.85	1.80	2.25	2.55
19	2.75	2.25	2.50	3.00	3.00	1.15	1.80	1.90	1.80	2.35	2.50
20	2.75	2.45	2.55	3.05	2.90	1.25	1.85	1.85	1.80	1.90	2.55
21	2.80	2.35	2.70	3.05	2.85	1.50	2.00	1.85	1.80	2.00	2.55
22	2.80	2.40	2.55	3.00	2.80	1.85	1.90	1.90	1.90	1.85	2.50
23	2.80	2.40	2.65	2.90	2.70	2.20	1.80	1.80	2.00	1.95	2.60
24	2.80	2.45	2.55	2.90	2.80	2.45	1.90	1.85	1.90	2.15	2.65
25	2.85	2.35	2.70	2.85	2.95	2.05	1.75	1.90	1.90	2.25	2.75
26	2.90	2.30	2.65	2.80	2.85	1.95	1.60	2.00	1.90	2.30	2.75
27	2.90	2.35	2.55	2.70	2.80	1.85	1.50	2.00	1.90	2.40	2.75
28	2.90	2.30	2.55	2.70	2.80	1.70	1.60	2.05	1.80	2.40	2.70
29	2.90	2.40	2.65	2.55	2.90	2.00	1.55	2.05	1.95	2.40	2.85
30	2.90	-----	2.65	2.55	2.55	1.95	1.50	2.00	1.95	2.40	2.85
31	2.85	-----	-----	2.60	-----	2.15	1.60	-----	2.25	-----	2.85

South Platte River at Deansbury, Colorado.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.93	2.96	3.30	4.39	2.70	2.78	0.98	1.39	1.80	1.46	1.36	0.80
2	2.95	3.02	3.15	4.24	2.68	2.78	.93	1.35	1.80	1.45	1.20	.78
3	2.97	3.14	3.09	4.12	2.64	2.74	.90	1.32	1.68	1.42	1.20	1.70
4	2.97	3.14	3.45	3.85	3.05	2.54	.88	1.23	1.90	1.45	1.16	a3.48
5	3.00	3.11	3.20	3.86	2.91	2.35	.96	1.18	1.74	1.42	1.07	3.27
6	3.10	3.12	3.23	4.68	3.30	2.24	.90	1.17	1.27	1.40	1.10	3.06
7	3.35	3.12	3.31	5.09	3.15	2.11	.95	1.12	1.30	1.38	.87	2.96
8	3.28	3.17	3.11	5.46	3.25	2.00	.99	1.02	1.25	1.32	.86	2.90
9	3.24	3.15	3.30	5.73	2.85	1.90	1.03	.93	1.23	1.33	1.11	3.00
10	3.40	3.18	3.26	5.36	2.65	1.80	.92	.83	1.55	1.42	1.20	2.90
11	3.12	3.19	3.35	5.35	2.52	1.68	.82	.77	1.83	1.42	1.09	2.81
12	3.05	3.20	3.31	5.53	2.53	1.60	.78	.74	1.74	1.41	.88	2.80
13	3.03	3.17	3.39	5.08	2.30	1.50	.73	.71	1.63	1.42	.97	2.80
14	2.95	3.22	3.33	5.47	2.44	1.45	.70	.73	1.54	1.39	1.22	2.80
15	2.91	3.17	3.16	6.00	2.28	1.44	.76	.74	1.43	1.37	1.19	2.76
16	2.90	3.26	3.38	6.47	2.30	1.40	1.32	.97	1.34	1.31	1.17	2.97
17	2.96	3.22	3.44	6.21	2.31	1.34	1.77	.96	1.30	1.29	1.18	2.90
18	3.00	3.22	3.14	5.72	2.43	1.30	1.72	1.79	1.37	1.26	1.18	2.71
19	3.00	3.26	3.45	5.36	2.41	1.24	1.92	1.73	1.54	1.33	1.15	2.76
20	3.05	3.28	3.67	5.41	2.24	1.24	2.09	1.68	1.71	1.37	1.17	2.81
21	3.05	3.34	3.80	5.39	2.15	1.27	2.21	1.94	1.80	1.27	1.16	2.77
22	3.08	3.33	3.87	5.64	2.12	1.29	2.11	1.42	1.75	1.28	1.07	2.73
23	3.02	3.31	3.97	5.89	2.20	1.25	1.92	1.72	1.66	1.40	1.07	2.72
24	3.01	3.26	4.26	5.97	2.40	1.18	1.62	1.89	1.57	1.37	1.19	2.69
25	2.95	3.34	4.75	6.79	2.43	1.15	2.14	1.31	1.56	1.38	1.10	2.67
26	3.02	3.41	5.81	a3.42	2.40	1.10	2.40	1.19	1.50	1.45	.92	2.69
27	2.94	3.42	6.52	3.59	2.46	1.10	2.35	1.08	1.50	1.43	.78	2.80
28	2.97	3.40	6.15	3.63	2.50	1.03	2.17	1.03	1.51	1.42	.80	2.72
29	3.00	3.23	5.86	3.18	2.49	1.03	1.81	1.07	1.55	1.41	.79	2.73
30	3.00	-----	5.30	3.02	2.58	1.03	1.60	1.17	1.50	1.31	.81	2.77
31	2.97	-----	5.06	-----	2.71	-----	1.54	1.40	-----	1.30	-----	2.76

a January 1 to April 25, station No. 1; April 26 to December 3, station No. 2; December 4 to 31, station No. 1.

South Platte River at Denver, Colorado.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.45	3.55	4.00	4.45	5.55	5.20	4.65	4.35	5.10	4.90	4.65	4.60
2	3.50	3.50	3.95	4.50	5.35	5.30	4.60	4.30	5.20	5.00	4.70	4.70
3	3.55	4.20	4.15	4.65	5.10	5.05	4.10	4.60	5.15	5.00	4.65	4.70
4	3.50	3.85	4.05	4.55	5.10	5.00	(a)	4.50	4.95	4.60	4.70	4.65
5	3.50	3.70	4.00	4.50	5.20	4.95	(a)	4.30	4.85	4.50	4.65	4.65
6	3.45	3.85	3.95	4.45	5.10	4.90	(a)	4.35	4.85	4.45	4.70	4.65
7	3.40	3.80	3.95	4.60	5.00	4.90	(a)	4.30	4.90	4.55	4.65	4.80
8	3.35	3.75	4.15	4.55	5.05	4.90	4.10	4.25	4.80	4.50	4.70	4.90
9	3.30	3.70	4.25	4.70	4.95	4.75	4.20	4.20	4.85	4.45	4.73	4.90
10	3.60	3.85	4.15	4.55	4.70	4.65	4.25	4.30	5.05	4.35	4.80	4.90
11	3.75	3.35	4.15	4.45	4.75	4.50	4.10	4.25	5.05	4.30	4.75	4.85
12	3.80	3.15	4.15	4.50	4.45	4.55	4.00	4.30	5.10	4.40	4.85	4.80
13	3.85	4.00	4.20	4.65	4.35	4.60	4.00	4.20	5.05	4.45	4.90	4.85
14	3.70	3.90	4.05	4.90	4.65	4.00	4.30	4.25	5.00	5.10	4.85	4.90
15	3.70	3.75	4.15	4.85	4.60	4.40	4.25	4.05	5.05	5.00	4.80	4.80
16	3.65	3.90	4.25	5.05	5.00	4.45	4.45	4.00	5.00	4.85	4.70	4.80
17	3.75	4.00	4.15	5.10	4.60	4.25	4.40	4.30	5.00	4.80	4.65	4.75
18	3.85	4.05	4.00	4.95	4.85	4.05	4.70	4.35	5.05	4.90	4.70	4.80
19	3.60	4.10	4.15	5.00	4.80	4.10	4.00	4.50	5.15	4.95	4.70	4.75
20	3.70	4.05	4.20	4.90	4.75	4.10	4.30	4.50	5.00	5.10	4.75	4.85
21	3.95	3.95	4.10	4.85	4.60	4.10	4.45	(b)	4.95	5.10	4.80	4.80
22	3.80	3.95	4.25	4.95	4.40	4.10	4.50	(b)	5.00	5.15	4.80	4.75
23	3.70	4.00	4.50	5.05	4.40	4.15	4.45	(b)	4.90	5.20	4.80	4.80
24	3.75	4.05	4.55	5.00	4.40	4.20	4.45	(b)	4.80	5.10	4.90	4.80
25	3.75	4.00	4.70	5.10	4.95	4.50	5.50	(b)	5.00	5.05	4.90	4.75
26	3.85	4.10	4.85	5.25	4.85	4.55	5.05	4.80	5.05	5.00	4.90	4.80
27	3.70	4.05	4.75	5.70	4.80	4.50	4.95	4.85	5.10	4.90	(c)	4.70
28	3.75	4.00	4.70	5.65	4.85	4.45	4.80	4.85	5.10	5.00	(c)	4.75
29	3.90	4.05	4.75	5.75	4.95	4.65	4.90	4.80	4.95	4.90	(c)	4.80
30	4.00	-----	4.65	5.60	4.85	4.65	4.85	4.85	5.00	4.70	(c)	4.65
31	3.80	-----	4.55	-----	5.00	-----	4.65	5.00	-----	4.65	-----	4.60

a July 4 to 7 water below gage.

b September 21 to 25 sand in front of gage.

c Frozen.

South Platte River at Orchard, Colorado, for 1895-96.

Day.	1895.		1896.				
	Nov.	Dec.	Jan.	Feb. a	Mar.	Apr.	Dec.
1		4. 15	3. 85	4. 15	3. 70	3. 70	4. 26
2		4. 10	3. 85		3. 70	3. 70	4. 25
3		4. 10	3. 90		3. 70	3. 75	4. 45
4		4. 10	3. 95		3. 75	4. 00	4. 60
5		4. 10	4. 00		3. 80		4. 65
6		4. 10	4. 00		3. 85		4. 65
7		4. 10	4. 05		3. 90		4. 65
8		4. 05	4. 10		3. 90		4. 65
9		4. 00	4. 10		3. 90		4. 50
10		4. 00	4. 00		3. 85		4. 45
11		4. 00	4. 00		3. 80		4. 40
12		4. 00	3. 95		3. 75		4. 60
13		3. 95	3. 90		3. 70		4. 60
14		3. 95	3. 80		3. 70		4. 80
15		3. 95	3. 90		3. 70		5. 00
16		3. 95	3. 95	3. 90	3. 70		5. 20
17		3. 95	4. 00	3. 85	3. 70		4. 80
18		3. 90	4. 00	3. 85	3. 75		4. 30
19		3. 90	4. 00	3. 85	3. 75		4. 00
20		3. 90	4. 00	3. 85	3. 80		3. 85
21		3. 95	4. 00	3. 85	3. 80		3. 80
22	4. 00	3. 95	4. 00	3. 85	3. 80		3. 80
23	4. 05	3. 95	4. 00	3. 80	3. 75		3. 80
24	4. 05	3. 90	4. 00	3. 80	3. 70		3. 80
25	4. 10	3. 90	4. 00	3. 75	3. 70		3. 80
26	4. 10	3. 90	4. 00	3. 75	3. 75		3. 80
27	4. 10	3. 85	4. 00	3. 70	3. 75		3. 75
28	4. 10	3. 80	4. 00	3. 70	3. 80		3. 75
29	4. 15	3. 80	4. 00	3. 70	3. 85		3. 75
30	4. 15	3. 85	4. 10		3. 80		3. 75
31		3. 85	4. 10		3. 70		3. 75

a February 2 to 15 observer away; no record.

Bear Creek at Morrison, Colorado.

Day.	Apr.	May.	June.	July. ^a	Aug. ^a	Sept.	Oct.
1		0.92	1.00	0.70	-----	2.88	2.80
2		.87	.95	.69	-----	2.83	2.75
3		.97	.90	.78	-----	2.90	2.75
4		1.02	.85	.70	-----	2.90	2.75
5		.97	.83	.75	2.93	2.85	2.75
6	0.70	1.10	.85	.70	3.00	2.80	2.75
7	.80	1.07	.85	.78	3.00	2.83	2.75
8	.80	1.02	.80	.78	3.00	2.79	2.75
9	.68	.87	.78	.78	2.88	2.83	2.73
10	.75	.90	.75	.68	2.88	3.00	2.73
11	.73	.92	.75	.63	2.85	2.95	2.70
12	.77	.87	.71	.60	2.83	2.90	2.70
13	.80	.82	.72	.55	2.80	2.85	2.70
14	.92	.80	.71	.55	2.78	2.78	2.70
15	1.00	.85	.73	.58	2.75	2.75	2.70
16	.90	.82	.75	.80	2.75	2.75	2.70
17	.95	.92	.74	.95	2.78	2.75	2.70
18	.72	.92	.75	1.00	2.80	2.80	2.70
19	.75	.90	.75	1.03	2.83	2.98	2.70
20	.80	.87	.73	1.03	2.85	2.98	2.70
21	.97	.87	.73	.93	2.90	2.88	2.70
22	1.02	.92	.73	.90	2.98	2.88	2.70
23	1.07	.95	.70	1.03	2.98	2.83	2.70
24	1.10	1.07	.70	.88	2.88	2.80	2.78
25	1.15	1.05	.78	-----	2.80	2.80	2.78
26	1.17	1.02	.95	-----	2.80	2.80	2.75
27	1.22	.92	.80	-----	2.80	2.90	2.75
28	1.17	.95	.80	-----	2.78	2.85	2.78
29	1.11	.97	.75	-----	2.75	2.80	2.70
30	.95	1.02	.73	-----	2.88	2.80	2.70
31		1.00	-----	-----	2.98	-----	2.65

^aFrom July 25 to August 5 no record; rod washed away by flood.

South Boulder Creek at Marshall, Colorado.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
1	0.80	1.85	2.30	1.55	1.15	1.10	0.95
2	1.05	1.55	2.10	1.55	1.05	1.10	.95
3	.90	1.65	2.10	1.55	1.05	1.10	.85
4	.95	1.85	2.30	1.50	1.05	1.10	.80
5	.90	1.70	2.15	1.50	1.05	1.10	.80
6	.90	1.90	2.20	1.45	1.05	1.10	.80
7	1.05	1.95	2.00	1.45	1.05	1.05	.85
8	1.05	2.05	1.95	1.45	1.05	1.05	1.00
9	1.05	2.10	2.20	1.40	.95	1.05	1.00
10	1.05	2.10	2.15	1.40	.95	1.10	1.00
11	1.15	2.20	2.25	1.40	.95	1.10	1.00
12	1.15	1.95	2.15	1.35	.95	1.10	1.00
13	1.20	1.80	2.10	1.35	.95	1.10	.95
14	1.35	1.75	2.05	1.35	.95	1.10	.95
15	1.35	1.70	2.05	1.30	.95	1.05	.90
16	1.35	1.75	2.00	1.60	.95	1.05	.90
17	1.45	1.75	1.95	1.50	.95	1.10	.90
18	1.15	1.70	1.95	1.50	1.00	1.15	.90
19	1.20	1.65	1.95	1.50	1.40	1.15	.90
20	1.20	1.70	1.90	1.40	1.90	1.05	.85
21	1.40	1.65	1.90	1.30	1.45	1.05	.80
22	1.55	1.70	1.85	1.30	1.20	1.00	.80
23	1.60	1.85	1.85	1.30	1.30	1.00	.90
24	1.75	2.00	1.80	1.30	1.15	1.00	.90
25	1.70	2.00	1.75	1.30	1.10	1.00	.90
26	1.80	2.30	1.70	1.30	1.10	1.00	.90
27	1.90	2.35	1.65	1.30	1.10	1.00	.90
28	1.90	2.40	1.65	1.30	1.10	1.00	.80
29	1.80	2.45	1.65	1.25	1.10	1.00	.80
30	1.80	2.55	1.60	1.25	1.10	1.00	.80
31		2.50	-----	1.20	1.10	-----	.80

Boulder Creek at Boulder, Colorado.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
1	0.20	1.10	2.05	1.30	0.98	1.08	0.65
2	.35	1.10	1.77	1.30	.95	1.00	.63
3	.22	1.15	1.90	1.30	.88	1.08	.60
4	.27	1.17	1.92	1.30	.83	1.03	.55
5	.25	1.25	1.97	1.35	.80	1.00	.50
6	.27	1.35	1.97	1.73	.80	.98	.50
7	.27	1.45	1.90	1.57	.78	.93	.45
8	.30	1.85	1.88	1.45	.73	.88	.43
9	.45	1.85	1.95	1.38	.69	.85	.45
10	.47	1.75	1.95	1.35	.65	.90	.45
11	.50	1.75	2.00	1.28	.65	.90	.53
12	.50	1.40	1.88	1.23	.65	.80	.60
13	.52	1.30	1.80	1.15	.63	.73	.58
14	.57	1.17	1.83	1.18	.60	.70	.55
15	.57	1.12	1.88	1.32	.60	.65	.50
16	.77	1.07	1.80	1.50	.65	.60	.50
17	.77	.95	1.75	1.45	.70	.63	.45
18	.77	1.07	1.65	1.38	1.23	.75	.45
19	.62	1.02	1.60	1.35	2.15	.90	.45
20	.75	1.00	1.55	1.25	1.05	.80	.43
21	.82	1.12	1.55	1.23	1.20	.80	.40
22	1.00	1.15	1.55	1.30	1.35	.75	.40
23	1.07	1.45	1.48	1.35	1.28	.78	.45
24	1.20	1.70	1.45	1.45	1.15	.80	.45
25	1.27	1.90	1.48	1.45	.98	.75	.40
26	1.45	1.95	1.43	1.40	.88	.80	.45
27	1.80	2.05	1.40	1.38	.88	.80	.45
28	1.85	2.15	1.38	1.33	.90	.75	.45
29	1.75	2.20	1.33	1.30	1.00	.70	.40
30	1.60	2.32	1.33	1.18	1.10	.70	.40
31	-----	2.15	-----	1.05	1.20	-----	.35

St. Vrain Creek at Lyons, Colorado.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
1	1.63	2.60	3.50	2.80	2.50	2.75	2.38
2	1.77	2.65	3.45	2.85	2.50	2.63	2.33
3	1.85	2.45	3.50	2.85	2.50	2.75	2.38
4	1.90	2.55	3.65	2.80	2.50	2.55	2.38
5	1.85	2.55	3.35	2.80	2.48	2.58	2.38
6	2.00	2.80	3.60	2.80	2.48	2.55	2.30
7	2.05	2.95	3.30	2.80	2.48	2.55	2.30
8	2.20	3.15	3.80	2.80	2.40	2.30	2.28
9	2.10	3.20	3.70	2.70	2.38	2.35	2.30
10	2.10	3.10	3.70	2.70	2.30	2.45	2.28
11	2.15	3.10	3.70	2.75	2.30	2.85	2.30
12	2.20	2.80	3.40	2.65	2.28	2.80	2.25
13	2.10	2.65	3.35	2.65	2.23	2.55	2.25
14	2.15	2.50	3.35	2.65	2.20	2.45	2.28
15	2.30	2.50	3.35	2.85	2.20	2.43	2.30
16	2.30	2.50	3.35	3.10	2.25	2.35	2.28
17	2.15	2.50	3.30	3.05	2.38	2.38	2.25
18	2.10	2.50	3.30	2.95	3.40	2.45	2.25
19	2.00	2.60	3.10	2.80	3.10	2.58	2.23
20	2.35	2.50	3.20	2.75	2.70	2.50	2.23
21	2.55	2.50	3.15	2.65	2.80	2.53	2.28
22	2.55	2.55	3.15	2.70	3.50	2.45	1.93
23	2.60	2.85	3.10	2.95	3.35	3.50	1.75
24	2.55	3.10	2.95	3.30	2.95	2.58	1.85
25	2.60	3.40	3.25	3.15	2.75	2.45	1.75
26	2.70	3.40	2.85	3.05	2.70	2.43	1.63
27	2.95	3.35	2.80	2.85	2.60	2.40	2.20
28	2.90	3.55	2.80	2.70	2.55	2.43	2.23
29	2.45	3.85	2.85	2.60	2.50	2.38	2.20
30	2.65	4.40	2.75	2.60	2.65	2.38	2.28
31	-----	3.85	-----	2.53	2.75	-----	2.20

Big Thompson Creek at Arkins, Colorado.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
1		0.10	1.35	1.20	1.20	1.25	1.05
2		.50	1.65	1.25	1.10	1.00	.95
3		.80	1.80	1.25	1.05	1.00	.95
4		.85	1.80	1.20	1.00	1.00	.90
5		.90	1.65	1.20	.95	1.00	.90
6		1.00	1.70	1.20	.90	.85	.85
7		1.10	1.50	1.15	.75	.80	.90
8		1.05	1.55	1.55	.75	1.00	.80
9		1.20	1.45	1.20	.75	.95	.90
10		1.25	1.55	1.15	.70	.90	.85
11		1.35	1.65	1.25	.75	1.00	.90
12		1.15	1.45	1.20	.75	.95	.85
13		1.10	1.55	1.10	.75	.85	.85
14		.95	1.65	1.15	.75	.90	.85
15		.90	1.55	1.20	.65	.90	.90
16		.85	1.55	1.70	.80	.80	.85
17		.85	1.55	1.55	.70	1.00	.80
18		.85	1.55	1.25	.75	.95	.75
19		.90	1.30	1.45	.85	.95	.70
20		.95	1.35	1.35	.95	1.00	.65
21		1.00	1.40	1.30	1.50	1.05	.60
22		1.10	1.35	1.20	1.75	1.00	.60
23		1.30	1.40	1.35	1.65	1.00	.65
24		1.70	1.30	1.70	1.55	1.05	.65
25		1.75	1.25	1.45	1.45	1.00	.60
26		1.73	1.25	1.45	1.35	1.05	.40
27		1.75	1.20	1.45	1.25	1.00	.40
28	0.80	1.65	1.20	1.40	1.15	1.05	.40
29	.60	1.80	1.25	1.40	1.00	1.00	.40
30	.25	2.30	1.20	1.30	1.10	1.00	.40
31		1.80		1.25	1.30		.40

Frenchman River at Palisade, Nebraska.

[River heights on main and supplementary gages. Gage heights are all referred to original zero of main gage.]

Date.	South gage.	Main gage.	North gage.	Differences in heights.		
				South gage, main gage.	Main gage, north gage.	South gage, north gage.
1896.						
June 18.....	1.85	1.66	1.11	0.19	0.55	0.74
June 23.....	2.11	2.05	1.35	.06	.70	.76
June 25.....	2.10	1.93	1.35	.17	.58	.75
June 27.....	2.06	1.87	1.34	.19	.53	.72
July 1.....	2.14	1.96	1.40	.18	.56	.74
July 3.....	2.13	1.94	1.39	.19	.55	.74
July 5.....	2.13	1.93	1.38	.20	.55	.74
July 7.....	2.03	1.87	1.27	.16	.60	.76
July 9.....	1.97	1.75	1.15	.22	.60	.82
July 11.....	1.94	1.73	1.17	.21	.56	.77
July 14.....	1.96	1.74	1.19	.22	.55	.77
July 16.....	1.99	2.05	1.21	-.06	.84	.78
July 18.....	1.91	1.75	1.13	+.16	.62	.78
July 21.....	1.89	1.74	1.11	.15	.63	.78
July 23.....	1.89	1.74	1.13	.15	.61	.76
July 25.....	1.87	1.75	1.12	.12	.63	.75
July 28.....	1.89	1.75	1.13	.14	.62	.76
July 30.....	1.89	1.74	1.15	.15	.59	.74
Aug. 1.....	1.89	1.72	1.14	.17	.58	.75
Aug. 4.....	1.89	1.70	1.13	.19	.57	.76
Aug. 6.....	1.89	1.69	1.13	.20	.56	.76
Aug. 8.....	1.88	1.69	1.12	.19	.57	.76
Aug. 25.....	1.87	1.79	1.08	.08	.71	.79
Aug. 28.....	1.87	1.74	1.06	.13	.68	.81
Aug. 31.....	1.87	1.75	1.09	.12	.66	.78
Sept. 4.....	1.83	1.79	1.17	.04	.62	.66
Sept. 9.....	1.89	1.74	1.13	.15	.61	.76
Sept. 12.....	1.84	1.75	1.10	.09	.65	.74
Sept. 14.....	1.99	1.79	1.17	.20	.62	.82
Sept. 20.....	1.98	1.77	1.19	.21	.58	.79
Sept. 29.....	2.00	1.79	1.23	.21	.56	.77

Republican River at Junction City, Kansas.

Day.	Jan.	Feb.	Mar.	Apr.	May	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	3.55	3.65	<i>3.50</i>	3.50	4.45	4.90	3.55	4.00	3.10	2.80	4.65	3.70
2.....	3.40	3.95	<i>3.50</i>	3.50	4.30	6.30	3.35	3.80	3.00	2.80	4.25	3.85
3.....	3.30	4.05	<i>3.50</i>	3.50	4.25	7.20	3.30	3.60	2.95	2.80	3.90	3.80
4.....	3.05	3.90	<i>3.50</i>	3.50	5.25	6.20	3.40	3.45	2.85	2.75	3.55	3.75
5.....	3.10	3.80	<i>3.50</i>	3.50	5.95	6.20	3.35	3.60	2.80	2.80	3.40	3.95
6.....	3.05	3.85	<i>3.50</i>	3.50	6.20	4.95	6.10	3.60	2.80	2.75	3.30	3.80
7.....	2.90	4.05	<i>3.50</i>	3.50	6.45	4.95	5.80	3.45	2.70	2.70	3.20	3.60
8.....	3.10	4.00	<i>3.50</i>	3.50	6.45	4.55	5.70	3.35	2.65	2.70	3.10	3.50
9.....	3.05	3.80	<i>3.50</i>	3.65	5.10	4.65	5.40	3.25	2.60	2.70	3.10	3.50
10.....	3.35	3.75	<i>3.50</i>	3.45	4.50	4.55	5.00	3.15	2.75	2.70	3.10	3.50
11.....	3.30	3.85	<i>3.50</i>	3.40	4.20	4.30	4.85	3.00	2.75	2.70	3.20	3.50
12.....	3.30	3.80	<i>3.50</i>	3.50	4.10	4.15	4.95	3.55	2.60	2.70	3.20	3.50
13.....	3.35	3.75	<i>3.50</i>	3.45	4.40	3.95	4.85	3.70	2.60	2.75	3.20	3.50
14.....	3.30	3.70	<i>3.50</i>	3.50	5.40	3.85	4.55	3.65	5.00	2.80	3.20	3.55
15.....	3.35	3.65	<i>3.50</i>	4.90	5.70	3.85	4.40	3.20	3.65	2.80	3.20	3.60
16.....	3.50	3.60	<i>3.50</i>	6.50	5.90	3.85	4.20	3.00	3.50	2.80	3.30	3.60
17.....	3.30	3.60	<i>3.50</i>	6.75	5.60	3.75	4.20	3.00	3.70	2.70	3.30	3.65
18.....	3.20	3.60	<i>3.50</i>	5.65	5.00	3.60	10.97	3.00	3.75	2.70	3.30	3.50
19.....	3.10	3.55	<i>3.50</i>	5.10	6.50	3.55	8.80	3.20	4.70	2.75	3.35	3.30
20.....	3.05	3.55	<i>3.50</i>	4.55	7.00	3.45	6.50	4.50	5.40	2.70	3.35	3.45
21.....	3.05	3.55	<i>3.50</i>	4.25	6.10	3.70	5.15	4.45	4.35	2.70	3.30	3.50
22.....	3.20	3.60	<i>3.50</i>	4.10	5.30	3.55	5.65	5.35	3.65	2.70	3.25	3.60
23.....	3.40	3.60	<i>3.50</i>	4.10	4.75	3.55	5.10	4.70	3.35	2.70	3.05	3.80
24.....	3.30	3.55	<i>3.50</i>	6.20	4.40	3.85	4.35	4.35	3.15	2.70	3.10	3.70
25.....	3.20	3.55	<i>3.50</i>	5.90	4.25	4.05	4.10	4.05	3.05	2.70	3.00	3.50
26.....	3.15	3.50	<i>3.50</i>	5.30	4.05	3.65	3.80	3.80	3.00	2.70	3.50	3.50
27.....	3.05	3.55	<i>3.50</i>	5.40	3.85	4.15	3.65	3.75	2.90	2.75	3.50	3.50
28.....	3.20	3.50	<i>3.50</i>	4.95	3.80	3.90	3.60	3.95	2.80	2.50	3.40	3.50
29.....	3.30	3.50	<i>3.50</i>	4.75	3.75	3.85	3.55	3.55	2.80	3.00	3.30	3.70
30.....	3.40	.....	<i>3.50</i>	4.85	4.05	3.45	3.45	3.35	2.80	4.65	3.50	3.65
31.....	3.40	.....	<i>3.50</i>	.....	6.40	.....	3.45	3.25	.....	5.25	.....	3.75

a Figures in italics are estimated.*Solomon River at Beloit, Kansas.*

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	2.70	2.90	2.00	2.70	4.05	7.13	4.55	4.95	3.75	3.20	3.30	3.10
2.....	2.70	2.82	3.00	2.35	4.20	9.50	4.25	4.75	3.80	3.60	2.90	3.00
3.....	2.30	2.92	2.75	2.35	3.80	7.20	4.50	4.45	3.50	3.20	2.70	3.10
4.....	2.70	2.92	2.80	2.40	3.65	5.90	4.43	4.05	3.40	2.40	2.90	3.10
5.....	1.75	2.92	2.25	2.30	3.65	4.85	4.80	3.95	3.40	3.10	2.85	3.10
6.....	2.70	2.90	2.70	2.75	3.55	4.75	6.80	3.85	2.55	2.60	2.80	2.30
7.....	2.30	2.92	2.70	2.80	3.50	4.90	6.00	4.10	3.25	3.00	3.00	3.10
8.....	2.70	2.95	2.25	2.75	3.30	5.55	4.50	4.60	3.40	2.95	2.20	3.10
9.....	2.70	2.42	2.90	2.60	3.20	4.65	4.25	4.35	2.85	3.15	3.00	3.10
10.....	2.70	2.92	2.70	2.60	3.20	4.25	4.15	4.20	3.40	3.05	3.00	3.10
11.....	2.30	3.00	2.80	2.00	3.40	4.15	5.20	4.00	3.45	2.15	3.05	3.10
12.....	1.90	2.92	2.75	4.85	3.25	4.10	4.70	4.15	3.40	2.80	3.00	3.30
13.....	2.70	2.55	2.75	15.50	3.30	4.05	4.25	4.00	2.85	2.65	3.00	2.65
14.....	2.30	2.95	2.75	11.60	4.60	3.80	4.00	3.70	3.75	2.60	3.00	3.30
15.....	2.30	2.92	2.25	11.90	4.80	3.85	3.85	3.60	5.25	2.60	2.20	3.25
16.....	2.70	2.37	2.65	5.80	4.70	3.60	3.65	3.65	4.05	2.85	3.05	3.35
17.....	2.70	2.82	2.75	4.50	8.32	3.80	3.85	3.45	3.75	3.15	3.00	3.05
18.....	2.95	2.72	2.70	4.35	4.40	3.80	4.05	3.70	3.95	2.50	3.00	3.15
19.....	2.30	2.75	2.70	4.20	4.30	4.20	3.95	3.65	4.15	2.75	3.05	3.10
20.....	2.90	2.75	2.75	4.60	5.40	4.60	3.95	3.90	4.15	3.05	3.10	2.50
21.....	2.95	2.72	2.75	4.20	4.80	4.15	3.90	4.55	3.95	2.65	2.70	3.15
22.....	2.95	2.70	2.50	3.90	4.25	4.00	4.60	4.35	3.70	3.05	2.40	3.10
23.....	2.70	2.25	2.70	3.70	4.00	4.05	4.05	4.40	3.60	2.05	3.10	3.20
24.....	2.95	2.70	2.70	3.70	3.80	3.75	4.05	4.55	3.85	2.80	3.10	3.20
25.....	2.95	2.70	2.70	3.65	4.35	3.90	3.95	4.95	3.55	2.55	3.10	2.60
26.....	2.30	2.75	2.75	3.50	4.15	3.95	4.00	4.40	3.80	2.55	2.30	3.15
27.....	2.90	2.70	3.00	3.65	3.65	4.05	4.00	4.25	2.65	2.55	3.10	2.50
28.....	2.90	2.60	2.80	4.05	3.70	4.05	3.90	4.15	3.55	3.10	2.90	3.20
29.....	2.90	2.75	.....	3.70	3.35	4.10	5.30	3.90	3.10	8.50	2.30	3.20
30.....	2.90	.....	2.75	3.75	3.30	5.90	16.75	3.65	2.75	5.10	3.05	3.20
31.....	2.87	.....	2.60	.....	3.70	.....	6.25	3.90	.....	3.75	.....	3.20

Saline River at Beverly, Kansas.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	4.20	4.45	4.35	4.15	5.20	20.25	7.00	5.10	4.40	4.20	5.65	4.20
2.....	4.20	4.50	4.20	4.30	5.35	23.00	6.40	4.80	4.50	4.35	5.25	4.30
3.....	4.00	4.45	4.15	4.35	5.10	23.50	6.95	4.70	4.45	4.40	4.90	4.40
4.....	3.85	4.80	4.10	4.20	10.55	21.50	7.15	4.80	4.20	4.20	4.90	4.35
5.....	3.85	4.70	4.25	4.15	8.85	13.05	6.95	4.60	4.30	4.20	4.75	4.30
6.....	4.40	4.45	4.25	4.20	5.20	9.20	6.13	5.00	4.15	4.30	4.75	4.30
7.....	4.30	4.35	4.30	4.15	4.85	12.10	5.75	5.09	4.35	4.35	4.75	4.15
8.....	4.40	4.35	4.30	4.60	4.70	10.55	7.35	5.05	4.30	4.35	4.65	4.80
9.....	4.15	4.25	4.45	4.90	4.75	8.50	6.00	4.65	4.10	4.35	4.45	4.65
10.....	4.25	4.15	4.25	4.65	4.65	6.90	5.75	4.60	4.45	4.35	4.70	4.55
11.....	4.30	4.25	4.50	4.50	4.65	6.50	8.10	4.85	4.50	4.15	4.65	4.65
12.....	4.55	4.25	4.35	4.45	4.70	6.20	9.35	4.55	4.30	4.35	4.45	4.50
13.....	4.50	4.35	4.30	6.40	7.30	6.05	6.90	4.65	4.40	4.30	4.30	4.40
14.....	4.50	4.35	4.40	9.70	7.40	5.90	5.85	4.45	4.40	4.35	4.55	4.05
15.....	4.40	4.30	4.40	5.80	5.60	5.70	5.55	4.20	4.40	4.35	4.30	4.70
16.....	4.30	4.10	4.45	5.05	7.25	5.60	5.45	4.75	4.50	4.35	4.50	4.50
17.....	4.50	4.15	4.25	5.50	6.50	5.80	5.30	4.95	4.55	4.30	4.60	4.55
18.....	4.45	4.20	4.40	5.40	5.80	5.75	8.50	4.85	4.45	4.20	4.50	4.25
19.....	4.50	4.15	4.25	5.05	5.75	5.50	7.65	4.70	4.60	4.25	4.60	4.50
20.....	4.40	4.40	4.35	4.80	7.20	5.50	7.25	4.80	4.70	4.19	4.40	4.25
21.....	4.55	4.25	4.30	4.90	6.55	5.80	5.95	4.75	4.75	4.25	4.40	4.35
22.....	4.55	4.25	4.20	4.75	5.75	7.65	5.45	4.75	4.60	4.35	4.55	4.40
23.....	4.60	4.35	4.35	4.70	5.20	8.85	5.25	7.50	4.50	4.35	4.20	4.25
24.....	4.55	4.20	4.20	4.65	4.95	6.80	5.85	5.95	4.50	4.25	4.30	4.60
25.....	4.40	4.15	4.30	4.65	4.70	6.20	5.55	5.10	4.40	4.05	4.55	4.50
26.....	4.25	4.20	4.40	6.60	4.60	6.75	5.10	4.85	4.35	4.30	4.55	4.15
27.....	4.25	4.30	4.30	9.30	4.55	8.30	5.00	4.65	4.35	4.15	4.30	.....
28.....	4.20	4.40	4.25	7.35	4.45	8.20	4.95	4.70	4.40	4.40	4.35	.....
29.....	4.15	4.25	4.40	5.75	4.40	8.00	4.90	4.55	4.30	5.75	4.30	.....
30.....	4.20	.....	4.25	5.30	4.25	7.90	6.90	4.50	4.45	15.35	4.25	.....
31.....	4.40	.....	4.10	.....	13.00	.....	5.85	4.45	.....	7.10	.....	.....

Smoky Hill River at Ellsworth, Kansas.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	1.50	1.40	1.30	1.20	1.72	1.85	2.63	2.05	1.68	1.45	1.95	1.33
2.....	1.50	1.50	1.27	1.20	1.67	1.75	2.45	1.90	1.60	1.43	1.85	1.30
3.....	1.42	1.50	1.35	1.20	1.65	1.62	2.25	1.78	1.58	1.40	1.88	1.30
4.....	1.42	1.50	1.27	1.20	1.70	1.55	2.20	1.68	1.53	1.40	1.78	1.30
5.....	1.35	1.50	1.30	1.20	1.62	1.90	2.13	1.65	1.48	1.43	1.70	1.28
6.....	1.32	1.50	1.30	1.20	1.60	1.95	2.03	1.78	1.45	1.35	1.63	1.28
7.....	1.27	1.40	1.30	1.20	1.52	4.05	4.30	1.88	1.43	1.35	1.53	1.30
8.....	1.42	1.30	1.30	2.10	1.50	7.10	2.10	1.75	1.40	1.30	1.50	1.25
9.....	1.42	1.35	1.30	1.42	1.47	3.75	2.00	1.65	1.40	1.30	1.50	1.23
10.....	1.35	1.47	1.30	1.27	1.50	2.75	1.93	1.58	1.50	1.40	1.45	1.25
11.....	1.35	1.40	1.27	1.20	1.45	2.45	3.50	1.50	1.48	1.35	1.43	1.25
12.....	1.32	1.40	1.27	1.55	1.47	2.15	2.90	1.55	1.40	1.33	1.40	1.25
13.....	1.42	1.40	1.22	2.30	1.85	2.05	2.50	1.58	1.45	1.30	1.40	1.25
14.....	1.35	1.40	1.37	2.25	1.72	1.95	2.23	1.63	1.43	1.28	1.35	1.20
15.....	1.32	1.40	1.37	1.85	1.67	1.85	2.03	1.68	1.40	1.25	1.35	1.20
16.....	1.32	1.40	1.27	1.97	1.62	1.83	2.00	1.60	1.40	1.23	1.35	1.20
17.....	1.27	1.35	1.32	2.37	1.55	1.80	1.98	1.50	1.40	1.20	1.30	1.23
18.....	1.27	1.35	1.32	3.00	1.50	1.83	2.90	1.50	1.45	1.20	1.30	1.13
19.....	1.30	1.35	1.25	2.10	1.50	1.85	3.60	1.55	1.90	1.20	1.20	1.35
20.....	1.35	1.32	1.30	1.97	1.50	1.73	2.65	1.50	1.68	1.20	1.20	1.25
21.....	1.32	1.32	1.30	1.97	1.50	4.30	2.35	1.50	1.60	1.20	1.28	1.20
22.....	1.35	1.35	1.30	1.90	1.47	2.30	2.08	3.00	1.63	1.20	1.15	1.20
23.....	1.32	1.35	1.30	1.92	1.60	2.10	2.15	2.40	1.68	1.28	1.23	1.20
24.....	1.40	1.30	1.30	1.87	1.47	2.65	2.15	1.85	1.70	1.28	1.25	1.20
25.....	1.45	1.30	1.27	4.30	1.40	2.50	2.00	1.95	1.70	1.25	1.25	1.20
26.....	1.37	1.30	1.30	2.80	1.40	2.35	1.93	2.43	1.68	1.28	1.33	1.25
27.....	1.52	1.30	1.30	2.10	1.35	2.45	1.88	2.28	1.58	1.30	1.35	1.25
28.....	1.42	1.30	1.27	2.00	1.30	3.85	2.00	2.05	1.53	1.30	1.30	1.20
29.....	1.40	1.30	1.20	1.85	1.30	3.30	1.93	1.93	1.50	2.63	1.25	1.20
30.....	1.40	.....	1.20	1.80	1.30	2.90	2.40	1.83	1.48	2.40	1.30	1.20
31.....	1.40	.....	1.20	.....	1.52	.....	2.20	1.73	.....	2.28	.....	1.20

Blue River at Manhattan, Kansas.

Day.	Jan.	Feb.	Apr. ^a	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.70	3.80	-----	5.60	20.55	11.15	9.75	4.80	4.70	10.50	5.00
2	3.60	3.80	-----	5.35	20.30	18.20	8.80	4.60	4.60	8.50	5.00
3	3.55	3.75	-----	5.75	13.85	22.25	7.10	4.85	4.55	7.90	4.80
4	8.70	3.75	-----	13.95	11.85	22.20	6.70	5.50	4.70	7.00	4.65
5	3.70	3.75	-----	16.75	8.80	19.00	6.00	5.20	4.85	6.40	4.00
6	3.80	3.80	-----	13.25	8.75	10.75	5.70	5.15	5.05	5.90	4.00
7	3.75	3.70	-----	9.50	8.25	8.15	7.60	4.95	4.90	5.40	4.25
8	3.75	3.85	-----	7.60	8.35	7.50	8.25	4.85	4.50	5.00	4.55
9	3.80	3.75	-----	6.20	14.50	7.75	7.35	5.05	4.25	5.00	4.60
10	3.85	3.75	-----	6.45	14.50	9.40	7.35	5.15	4.00	4.90	4.80
11	3.80	3.65	-----	6.10	12.30	9.25	5.85	5.00	4.30	4.80	4.90
12	3.70	3.65	-----	5.75	9.55	9.20	5.45	5.20	4.00	4.50	5.00
13	3.65	3.70	-----	5.65	7.20	9.35	5.60	5.15	3.90	4.40	5.00
14	3.50	3.55	-----	11.20	7.20	8.65	8.10	7.50	3.70	4.30	5.00
15	3.55	3.55	-----	13.65	6.35	7.75	10.75	9.75	3.60	4.20	4.80
16	3.60	3.60	5.50	12.30	5.95	6.40	9.70	8.15	3.70	4.00	4.80
17	3.65	3.65	7.20	11.50	5.60	6.25	7.80	6.65	3.30	4.00	4.70
18	3.60	3.65	9.95	11.00	5.20	9.15	6.95	6.15	3.20	3.80	4.70
19	3.55	3.60	11.05	11.45	5.00	13.90	10.15	10.50	3.15	3.80	4.70
20	3.50	3.70	10.20	14.40	4.90	12.70	15.85	10.25	3.00	3.50	4.50
21	3.75	3.65	8.35	13.25	4.30	12.00	10.25	7.60	3.00	3.60	4.30
22	3.60	3.40	7.20	11.35	4.05	10.75	7.75	6.15	3.00	3.50	4.00
23	3.60	3.45	6.55	10.35	5.10	9.35	5.95	5.85	3.00	3.80	4.00
24	3.30	3.55	6.05	11.05	5.75	7.25	6.75	6.10	3.05	3.80	3.80
25	3.45	3.65	5.70	10.05	5.45	5.60	8.40	5.40	3.00	3.90	3.70
26	3.65	3.60	5.35	9.00	9.20	5.20	6.90	5.05	3.10	4.85	3.50
27	3.75	3.60	5.35	8.35	12.60	5.40	5.75	5.00	3.00	5.60	3.00
28	3.80	3.45	5.20	7.65	10.70	5.10	5.45	4.95	2.80	5.40	3.00
29	3.75	-----	5.20	6.90	9.40	4.65	5.45	4.80	10.00	5.30	3.00
30	3.70	-----	5.25	6.40	8.25	6.70	5.10	4.70	12.75	5.20	3.65
31	3.80	-----	-----	14.15	-----	11.60	4.95	-----	12.25	-----	4.00

^a Observations discontinued from March 1 to April 15; observer moved away.

Kansas River at Leecompton, Kansas.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.
1	0.82	0.72	0.58	0.73	2.37	8.50	3.25	3.08	2.21	1.25	4.46
2	.76	.70	.75	.71	2.37	9.33	3.50	3.65	2.04	1.21	3.88
3	.85	.72	.75	.67	2.35	8.67	5.96	3.21	1.88	1.17	3.50
4	.65	.77	.60	.67	2.42	7.50	8.00	2.85	1.58	1.21	3.15
5	.42	.85	.83	.65	4.92	6.17	8.25	2.92	1.46	1.08	3.13
6	.49	.93	.79	.67	6.54	7.13	7.58	2.92	1.25	1.15	2.92
7	.57	.93	.67	.79	5.42	6.92	5.13	2.50	1.17	1.04	2.38
8	.56	.88	.38	.77	4.33	6.42	3.88	2.85	1.17	.98	-----
9	.63	.95	.42	.83	3.83	5.92	3.58	2.94	1.17	.92	-----
10	.65	.92	.42	.75	3.60	6.67	3.42	2.71	1.13	.95	-----
11	.77	.88	.46	.75	3.04	6.79	3.54	2.25	1.08	.97	-----
12	.88	.79	.48	1.08	2.58	5.58	3.67	2.17	1.19	1.00	-----
13	.87	.75	.48	1.25	2.42	4.92	3.75	2.06	1.48	1.03	-----
14	.94	.74	.50	1.02	3.08	4.21	3.38	1.96	1.38	1.00	-----
15	.85	.82	.58	.94	3.88	3.54	2.96	1.92	2.92	.95	-----
16	.66	.75	.50	.92	8.46	3.08	2.63	3.04	4.71	.90	-----
17	.60	.72	.42	.92	8.13	2.79	2.40	3.21	3.96	.92	-----
18	.54	.73	.65	1.50	6.58	2.58	3.46	4.46	2.67	.86	-----
19	.53	.60	.75	4.71	5.63	2.38	10.25	4.25	2.25	.85	-----
20	.58	.70	.50	5.00	8.67	2.21	11.63	7.13	2.08	.83	-----
21	.53	.67	.50	4.67	8.92	2.17	9.96	6.62	3.83	.83	-----
22	.51	.66	.52	3.83	8.13	2.13	7.42	4.50	3.08	.81	-----
23	.54	.64	.52	3.29	6.13	2.25	5.58	3.79	2.46	.77	-----
24	.55	.63	.54	2.83	5.67	2.29	4.88	4.44	2.33	.75	-----
25	.58	.58	.58	3.33	5.29	2.67	4.00	3.75	2.08	.75	-----
26	.34	.58	.58	4.04	5.13	3.21	3.46	3.33	1.81	.74	-----
27	.87	.62	.65	4.79	4.42	3.54	3.08	3.04	1.63	.75	-----
28	.60	.60	.73	3.92	3.83	4.48	2.75	2.58	1.52	.75	-----
29	.53	.58	-----	2.96	3.38	4.46	2.50	2.42	1.47	1.00	-----
30	.98	-----	.83	2.60	2.98	3.88	2.42	2.33	1.38	1.29	-----
31	.87	-----	.75	-----	3.71	-----	2.29	2.29	-----	3.81	-----

Kansas River at Lawrence, Kansas.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	0.10	0.50	0.50	0.45	1.50	5.20	2.10	1.70	1.40	0.80	3.00	1.60
2.....	.00	.45	.45	.35	1.45	6.30	2.10	2.55	1.25	.80	2.70	1.00
3.....	— .25	.45	.45	.35	1.55	5.80	3.60	2.25	1.10	.80	2.30	.80
4.....	— .75	.45	.40	.35	1.45	5.20	5.20	1.90	1.00	.80	2.30	.90
5.....	.00	.40	.45	.40	2.70	4.20	5.60	1.90	1.00	.70	2.10	1.00
6.....	.00	.45	.40	.45	4.30	4.40	5.10	1.90	1.00	.75	1.80	1.20
7.....	+	.10	.55	.40	.45	3.80	4.70	3.90	1.70	1.00	.65	1.60
8.....	.05	.55	.40	.50	2.90	4.30	2.55	1.90	.80	.60	1.40	1.20
9.....	.17	.60	.40	.55	2.55	4.10	2.45	2.15	.80	.60	1.20	1.05
10.....	.17	.65	.40	.50	2.30	4.25	2.20	1.90	.80	.60	1.10	1.00
11.....	.15	.50	.40	.45	1.90	4.70	2.25	1.50	.80	.80	1.00	1.00
12.....	.30	.50	.35	.65	1.75	3.85	2.40	1.85	.80	.80	1.00	1.00
13.....	.25	.50	.25	.70	1.60	3.30	2.40	1.30	1.20	.80	1.00	1.00
14.....	.25	.50	.05	.60	1.80	2.90	2.25	1.25	1.40	.70	1.00	1.00
15.....	.30	.50	.35	.60	2.20	2.40	1.95	1.20	3.20	.70	1.00	.90
16.....	.35	.45	.40	.55	4.90	1.95	1.80	1.60	3.10	.60	.90	.90
17.....	.30	.45	.20	.60	5.70	1.75	1.60	2.25	2.60	.80	.80	.90
18.....	.30	.55	.35	.65	4.70	1.65	1.80	3.00	2.00	.60	.80	.85
19.....	.30	.40	.30	2.85	3.80	1.55	6.00	3.40	1.60	.60	.80	.90
20.....	.40	.40	.35	3.20	4.90	1.35	7.70	4.50	1.60	.60	.80	.80
21.....	.35	.40	.40	3.10	4.85	1.40	6.60	4.70	2.10	.55	.80	.80
22.....	.30	.50	.40	2.55	5.55	1.35	5.10	3.20	2.40	.50	.80	.80
23.....	.25	.50	.40	2.10	4.00	1.40	3.80	2.60	1.90	.50	.80	.80
24.....	.30	.45	.35	1.90	4.00	1.55	3.30	3.00	1.50	.50	.80	.80
25.....	— .30	.45	.40	1.90	3.50	1.65	2.90	2.60	1.30	.55	.80	.80
26.....	— .05	.45	.30	2.80	3.50	1.95	2.40	2.25	1.20	.55	1.00	.85
27.....	— .10	.40	.30	3.00	3.00	2.25	2.10	1.90	1.20	.50	.90	.90
28.....	— .40	.45	.35	2.80	2.65	2.90	1.80	1.70	1.00	.50	.80	.85
29.....	+	.10	.40	.45	2.00	2.30	2.90	1.45	1.00	.60	1.00	.80
30.....	.40	.40	.50	1.65	2.00	2.50	1.55	1.50	.90	.90	1.80	.80
31.....	.55	.....	.50	.....	2.20	.....	1.55	1.45	.....	2.15	.....	.80

Arkansas River at Canyon, Colorado.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	2.45	2.40	2.40	2.50	3.05	4.45	2.30	2.40	2.60	2.15	2.30	3.55
2.....	2.50	2.45	2.30	2.60	3.05	4.00	2.30	2.30	2.50	2.10	2.30	5.50
3.....	2.50	2.40	2.30	2.60	3.30	3.95	2.25	2.20	2.25	2.10	2.30	3.00
4.....	2.50	2.50	2.30	2.50	3.35	3.70	2.30	2.00	2.20	2.10	2.30	.....
5.....	2.55	2.50	2.40	2.50	3.40	3.65	2.30	1.95	2.20	2.10	2.30	2.80
6.....	2.45	3.50	2.40	2.50	3.60	3.70	2.20	2.50	2.10	2.10	2.35	.....
7.....	2.50	2.60	2.40	2.50	3.80	3.50	2.20	2.35	2.10	2.05	2.40	.....
8.....	2.50	2.60	2.40	2.50	3.90	3.40	2.20	2.00	2.05	2.15	2.30	.....
9.....	2.50	2.50	2.50	2.40	3.75	3.30	2.20	1.90	1.95	2.20	2.35	.....
10.....	2.50	2.50	2.50	2.50	3.60	3.35	2.15	1.90	2.25	2.20	2.40	.....
11.....	2.50	2.50	2.50	2.40	3.55	3.40	2.20	1.90	2.30	2.20	2.50	.....
12.....	2.45	2.35	2.40	2.40	3.50	3.30	2.20	1.80	2.25	2.20	2.60	2.50
13.....	2.50	2.35	2.40	2.40	3.40	3.20	2.15	1.80	2.20	2.20	2.50	.....
14.....	2.50	2.45	2.40	2.60	3.20	3.10	2.10	1.80	2.15	2.20	2.50	.....
15.....	2.50	2.45	2.50	2.70	3.10	3.10	2.05	1.80	2.10	2.20	2.50	.....
16.....	2.50	2.45	2.50	2.80	3.00	3.00	2.96	1.80	2.10	2.20	2.50	.....
17.....	2.50	2.45	2.60	2.90	2.90	3.05	3.57	2.75	2.10	2.20	2.50	.....
18.....	2.50	2.45	2.60	2.85	2.80	3.00	3.20	2.45	2.20	2.10	2.40	.....
19.....	2.50	2.45	2.50	2.75	2.80	3.00	3.20	2.50	2.35	2.10	2.45	2.40
20.....	2.50	2.45	2.50	2.70	2.85	2.95	2.80	2.40	2.45	2.10	2.50	.....
21.....	2.50	2.45	2.40	2.60	2.95	2.90	2.70	2.60	2.30	2.10	2.60	.....
22.....	2.55	2.45	2.50	2.60	3.05	2.80	2.70	2.50	2.30	2.15	2.50	.....
23.....	2.55	2.55	2.60	2.50	3.15	2.80	2.60	2.50	2.30	2.20	2.50	.....
24.....	2.50	2.55	2.60	2.60	3.70	2.70	4.13	2.40	2.20	2.20	2.40	.....
25.....	2.50	2.50	2.80	2.75	3.80	2.70	2.90	2.35	2.20	2.20	2.40	.....
26.....	2.45	2.45	2.80	2.85	4.00	2.60	2.80	2.15	2.20	2.20	2.20	2.70
27.....	2.45	2.45	2.90	2.95	4.00	2.50	2.70	2.00	2.20	2.20	2.10	.....
28.....	2.45	2.40	3.20	3.00	4.20	2.50	2.60	1.95	2.20	2.20	2.00	.....
29.....	2.50	2.40	3.20	3.05	4.25	2.40	2.60	2.00	2.20	2.20	2.00	.....
30.....	2.50	.....	2.50	3.10	4.50	2.40	2.45	4.60	2.20	2.30	2.00	.....
31.....	2.15	.....	2.40	.....	4.60	.....	2.40	2.80	.....	2.30	.....	.....

Arkansas River at Pueblo, Colorado.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	0.35	0.60	0.40	0.30	0.75	2.30	0.40	0.30	0.60	0.35	0.30	0.20
2.....	.40	.60	.40	.30	.65	1.95	.40	.20	.40	.30	.30	.30
3.....	.35	.60	.40	.30	.50	1.75	.30	.10	.35	.30	.30	.55
4.....	.35	.60	.40	.30	.85	1.70	.40	.10	.40	.20	.30	.60
5.....	.70	.60	.40	.30	1.25	1.65	.30	.10	.20	.20	.30	.55
6.....	.60	.60	.40	.30	1.40	1.60	.30	.10	.15	.20	.30	.50
7.....	.60	.60	.40	.30	1.65	1.60	.25	.10	.05	.20	.30	.50
8.....	.60	.60	.35	.40	1.85	1.45	.65	.10	.15	.20	.25	.60
9.....	.60	.60	.30	.30	1.80	1.25	.45	.05	.10	.20	.25	.55
10.....	.60	.60	.30	.30	1.50	1.35	.30	.00	.10	.30	.30	.50
11.....	.60	.60	.30	.30	1.40	1.25	.35	.00	.25	.30	.40	.40
12.....	.60	.60	.20	.40	1.45	1.05	.30	.00	.35	.30	.40	.35
13.....	.60	.50	.20	.40	1.45	.95	.25	.00	.35	.30	.30	.30
14.....	.60	.50	.40	.40	1.30	.85	.20	.00	.30	.30	.30	.45
15.....	.60	.60	.30	.40	1.00	.90	.20	.00	.20	.35	.30	.40
16.....	.60	.60	.40	.40	.90	.95	.20	.00	.20	.30	.35	.40
17.....	.60	.50	.35	.40	.90	.95	1.30	1.40	.15	.30	.35	.35
18.....	.60	.40	.40	.40	.85	.90	1.35	5.05	.15	.30	.30	.30
19.....	.60	.30	.40	.35	.80	.80	1.10	1.00	.45	.30	.25	.30
20.....	.60	.30	.40	.35	.75	.80	1.10	.80	.50	.20	.30	.30
21.....	.60	.30	.35	.25	.75	.50	.75	.40	.40	.20	.30	.30
22.....	.60	.30	.40	.15	.85	.80	.70	2.40	.65	.20	.30	.40
23.....	.60	.30	.40	.20	1.05	.70	.60	1.05	.40	.25	.50	.30
24.....	.60	.30	.40	.30	1.30	.60	2.83	.75	.25	.30	.45	.20
25.....	.60	.30	.40	.60	1.70	.60	2.05	.55	.25	.30	.40	.20
26.....	.60	.30	.40	.80	1.80	.60	.80	.40	.30	.30	.40	.35
27.....	.60	.30	.50	1.45	1.80	.60	.70	.40	.50	.30	.75	.40
28.....	.60	.30	.50	1.40	1.85	.45	.80	.30	.40	.20	.35	.30
29.....	.60	.30	.40	1.25	2.05	.50	.60	.25	.40	.40	.10	.30
30.....	.60	.....	.35	.90	2.05	.40	.50	.25	.40	.30	.10	.25
31.....	.60	.....	.30	.....	2.50	.....	.40	1.65	.....	.30	.....	.30

Purgatoire River at Trinidad, Colorado.

Day.	May.	June. a	July.	Aug.	Sept.	Oct.	Nov.
1.....	3.15	3.90	3.45	3.65	3.60	3.60	3.70
2.....	3.15	3.30	3.30	3.80	3.60	3.60	3.70
3.....	3.10	3.15	3.20	3.70	3.80	3.55	3.70
4.....	3.15	3.13	3.25	3.55	3.60	3.60	3.60
5.....	3.10	3.10	3.25	3.60	3.65	3.60	3.60
6.....	3.20	3.10	3.20	3.70	3.55	3.60	3.60
7.....	3.10	3.10	3.05	3.55	3.40	3.70	3.70
8.....	3.15	3.10	2.75	3.50	3.40	3.60	3.70
9.....	3.15	3.10	2.80	3.40	3.45	3.70	3.70
10.....	3.15	3.00	.....	3.40	3.45	3.70	3.70
11.....	3.10	3.00	3.35	3.30	3.40	3.70	3.70
12.....	3.15	2.85	3.10	3.30	3.35	3.70	3.65
13.....	3.20	2.75	2.95	3.60	3.30	3.70	3.60
14.....	3.30	2.55	2.80	3.25	3.30	3.75	3.60
15.....	3.15	.....	2.80	3.30	3.30	3.80	3.60
16.....	3.20	.....	3.80	3.30	3.30	3.80	3.60
17.....	3.20	.....	3.40	3.25	3.70	3.70	3.60
18.....	3.15	.....	3.45	4.65	3.80	3.70	3.60
19.....	3.15	2.80	3.50	3.40	3.85	3.70	3.60
20.....	3.15	2.80	3.40	3.50	3.80	3.70	3.60
21.....	3.05	.....	3.60	3.70	3.75	3.70	3.60
22.....	3.00	.....	3.30	3.60	4.20	3.70	3.60
23.....	3.00	.....	3.30	3.75	4.00	3.70	3.60
24.....	3.10	.....	4.80	3.65	3.90	3.75	3.60
25.....	3.10	.....	5.45	3.50	3.70	3.75	3.60
26.....	3.05	2.85	4.15	3.50	3.65	3.80	3.60
27.....	3.15	3.00	3.90	3.45	3.70	3.70	3.60
28.....	3.10	3.15	3.80	3.40	3.70	3.80	3.60
29.....	3.15	3.25	3.80	3.40	3.70	3.80	3.60
30.....	3.20	3.35	3.70	3.40	3.65	3.90	3.60
31.....	3.35	.....	3.70	5.05	.....	3.80	.....

a June 15 to 18, 20 to 26, river dry.

Arkansas River at Hutchinson, Kansas.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	1.95	2.50	1.90	1.50	1.60	1.30	1.55	1.80	1.20	1.30	1.75	(a)
2.....	1.90	2.50	1.85	1.50	1.55	1.30	1.50	1.65	1.20	1.30	1.60	(a)
3.....	1.85	2.45	1.70	1.50	1.50	1.30	1.55	1.80	1.20	1.30	1.60	1.70
4.....	1.80	2.40	1.70	1.50	1.50	1.30	1.60	1.90	1.20	1.30	1.60	1.60
5.....	2.15	2.40	1.85	1.50	1.45	1.30	1.50	1.85	1.20	1.30	1.60	1.60
6.....	2.20	2.40	1.90	1.50	1.40	1.30	1.50	1.80	1.20	1.30	1.60	1.60
7.....	1.95	2.40	1.80	1.45	1.40	2.35	1.50	1.80	1.20	1.30	1.60	1.60
8.....	1.90	2.40	1.80	1.50	1.40	2.65	1.50	1.80	1.20	1.30	1.50	1.60
9.....	1.85	2.30	1.90	1.50	1.40	2.00	1.50	1.65	1.20	1.30	1.50	1.60
10.....	1.85	2.20	1.95	1.45	1.50	1.80	1.55	1.60	1.20	1.40	1.50	1.60
11.....	1.80	2.20	1.90	1.45	1.45	1.70	1.50	1.50	1.20	1.40	1.50	1.60
12.....	1.90	2.15	1.90	1.55	1.40	1.70	1.45	1.50	2.20	1.30	1.50	1.60
13.....	2.10	2.10	1.85	1.70	1.40	1.65	1.40	1.50	1.20	1.30	1.50	1.60
14.....	2.25	2.10	1.90	1.65	1.50	1.55	1.40	1.40	1.50	1.30	1.50	1.60
15.....	2.40	2.10	1.90	1.60	1.60	1.60	1.50	1.40	1.45	1.30	1.50	1.60
16.....	2.40	2.00	2.25	1.65	1.70	1.50	1.50	1.40	1.35	1.30	1.50	1.60
17.....	2.40	2.00	1.85	1.90	1.70	1.60	1.60	1.40	1.30	1.30	1.50	1.60
18.....	2.30	2.00	1.90	2.20	1.65	1.55	2.30	1.40	1.40	1.30	1.50	1.80
19.....	2.35	2.05	1.95	2.15	1.55	1.50	3.15	1.40	1.55	1.30	1.50	1.70
20.....	2.40	2.10	1.90	2.10	1.55	1.40	2.65	1.40	1.40	1.30	1.50	1.60
21.....	2.40	2.10	1.80	2.00	1.50	1.60	2.25	1.40	1.35	1.30	1.50	1.60
22.....	2.40	2.15	1.80	2.00	1.50	1.80	2.22	1.40	1.30	1.50	1.50	1.60
23.....	2.50	2.10	1.80	2.05	1.50	2.35	2.20	1.30	1.30	1.50	1.50	1.50
24.....	2.45	2.10	1.75	1.95	1.50	2.65	2.85	1.30	1.30	1.50	1.40	1.50
25.....	2.40	2.10	1.70	1.90	1.40	2.30	3.00	1.30	1.30	1.50	1.40	1.50
26.....	2.85	2.10	1.70	1.80	1.50	1.95	2.40	1.30	1.30	1.50	2.00	1.50
27.....	2.90	2.15	1.60	1.80	1.60	1.75	2.15	1.30	1.30	1.50	2.00	1.55
28.....	2.80	1.95	1.80	1.85	1.45	1.70	2.00	1.30	1.30	1.50	(a)	1.60
29.....	2.75	1.90	1.60	1.75	1.40	1.70	1.95	1.30	1.30	2.00	(a)	1.60
30.....	2.60	.....	1.55	1.65	1.30	1.60	1.85	1.30	1.30	2.05	(a)	1.50
31.....	2.50	.....	1.50	.....	1.30	.....	1.80	1.30	.....	1.85	.....	1.60

a Ice.

Verdigris River at Liberty, Kansas.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	4.60	3.50	3.00	3.00	3.50	4.55	4.00	2.90	1.90	2.35	5.40	4.40
2.....	4.45	3.80	2.90	2.90	3.40	4.35	3.65	2.80	1.90	2.25	4.45	4.10
3.....	4.05	4.00	2.80	2.80	3.40	4.20	3.45	2.70	1.90	2.15	3.90	3.90
4.....	3.85	3.90	2.80	2.80	3.80	4.05	3.40	2.60	1.90	2.10	3.65	3.90
5.....	4.00	3.80	2.80	2.80	6.05	3.85	6.70	2.55	1.90	2.10	3.45	3.80
6.....	3.90	3.60	2.80	2.80	4.20	3.80	5.40	2.45	1.90	2.00	3.40	.....
7.....	3.90	3.60	2.80	2.80	3.55	3.65	4.35	2.35	1.95	2.00	3.30	3.80
8.....	3.90	3.50	2.80	2.80	3.25	14.75	3.80	2.30	1.95	2.00	3.20	.....
9.....	3.90	3.40	2.80	2.80	3.05	21.66	3.50	2.10	1.90	1.95	3.20	.....
10.....	3.90	3.30	2.80	3.00	2.90	12.75	3.40	2.10	1.80	1.90	3.10	3.80
11.....	3.90	3.40	2.80	5.40	2.80	5.25	3.30	2.10	1.80	1.90	3.10	.....
12.....	3.90	3.40	2.80	4.40	2.70	4.65	3.20	2.10	1.70	1.90	3.00	3.60
13.....	3.90	3.40	2.80	3.80	2.70	4.15	3.10	2.10	1.70	1.90	2.95	.....
14.....	3.90	3.40	2.80	3.50	2.70	3.95	3.00	2.10	1.70	1.90	2.90	3.40
15.....	3.90	3.40	2.80	3.40	2.70	3.75	2.90	2.10	1.70	1.85	2.80	.....
16.....	3.90	3.30	2.80	3.30	8.45	3.55	2.80	2.10	1.70	1.80	2.80	3.20
17.....	3.80	3.30	3.00	3.20	11.25	3.40	2.70	2.00	1.70	1.80	2.70	.....
18.....	3.70	3.30	3.10	3.10	10.65	3.30	2.70	2.00	1.70	1.80	2.70	3.10
19.....	3.70	3.20	3.20	3.00	6.80	3.20	7.00	2.00	2.60	1.80	2.65	.....
20.....	3.70	3.20	3.20	3.00	12.25	3.10	16.25	2.00	3.35	1.60	2.60	.....
21.....	3.70	3.10	3.20	3.10	9.95	3.10	16.50	2.00	3.20	1.60	2.60	3.00
22.....	3.70	3.00	3.20	3.15	6.45	3.15	15.25	2.00	3.00	1.90	2.60	.....
23.....	3.70	3.00	3.20	3.50	12.65	3.20	7.00	2.00	2.85	2.40	2.60	3.00
24.....	3.70	3.00	3.20	3.15	23.75	3.20	4.70	2.00	2.65	3.70	2.60	.....
25.....	3.60	3.00	3.10	5.55	22.75	3.25	4.10	2.00	2.50	4.50	2.60	3.00
26.....	3.50	3.00	3.10	8.10	20.50	3.45	3.90	2.00	2.50	3.85	2.80	.....
27.....	3.40	3.00	3.10	6.20	19.25	3.40	3.80	2.00	2.50	3.30	14.50	.....
28.....	3.40	3.00	3.10	4.85	13.00	12.50	3.65	2.00	2.50	3.05	14.00	.....
29.....	3.40	3.00	3.00	4.45	6.55	8.10	3.45	2.00	2.45	5.25	6.85	.....
30.....	3.40	.....	3.00	3.90	5.25	4.65	3.15	1.90	2.40	14.00	4.80	.....
31.....	3.40	.....	3.00	.....	4.80	.....	3.00	1.90	.....	8.50	.....	.....

Neosho River at Iola, Kansas.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.95	2.95	2.40	2.30	3.60	4.40	3.30	3.00	2.10	2.10	3.70	3.25
2	2.80	2.95	2.40	2.30	3.40	4.00	3.30	2.85	2.10	2.10	3.35	3.15
3	2.60	2.90	2.40	2.30	3.15	3.90	3.30	2.80	2.10	2.10	2.60	2.85
4	2.50	2.70	2.40	2.30	7.58	3.80	4.35	2.70	2.10	2.10	2.40	2.65
5	2.70	2.70	2.45	2.30	5.00	3.70	4.95	2.60	2.10	2.00	2.35	2.35
6	2.65	2.70	2.45	2.30	3.85	3.70	3.90	2.55	2.10	2.00	2.35	2.50
7	2.55	2.65	2.40	2.30	3.75	3.80	8.80	2.50	2.10	2.00	2.45	2.50
8	2.50	2.55	2.40	3.95	3.40	6.45	3.50	2.40	2.10	2.00	2.40	2.50
9	2.55	2.50	2.40	10.25	3.00	4.85	3.35	2.30	2.10	2.00	2.40	2.50
10	2.50	2.50	2.40	8.10	2.90	4.30	3.20	2.30	2.10	2.00	2.30	2.45
11	2.50	2.50	2.30	6.85	2.85	4.00	2.95	2.30	2.10	2.00	2.30	2.40
12	2.55	2.50	2.30	4.50	2.80	3.95	2.80	2.30	2.10	2.00	2.30	2.40
13	2.50	2.50	2.30	3.75	2.70	3.70	2.75	2.30	2.00	2.00	2.30	2.40
14	2.55	2.50	2.20	3.50	2.70	3.45	2.70	2.20	2.00	2.00	2.25	2.40
15	2.50	2.50	2.20	3.35	3.75	3.35	2.60	2.20	2.00	2.00	2.20	2.40
16	2.50	2.50	2.30	3.35	11.55	3.25	2.60	2.20	2.00	2.10	2.20	2.40
17	2.55	2.40	2.30	3.45	9.45	3.15	2.60	2.20	2.00	2.10	2.20	2.35
18	2.60	2.40	2.30	3.20	7.10	3.05	2.65	2.20	2.00	2.00	2.20	2.30
19	2.60	2.40	2.30	3.05	6.40	3.00	4.45	2.15	2.00	2.10	2.20	2.30
20	2.60	2.40	2.20	3.00	5.55	3.00	5.45	2.10	2.00	2.10	2.20	2.30
21	2.60	2.40	2.20	2.80	4.85	2.95	7.20	2.10	2.00	2.10	2.20	2.30
22	2.60	2.40	2.20	2.90	16.25	2.90	7.75	2.10	2.00	2.05	2.10	2.30
23	2.60	2.40	2.30	4.25	18.25	2.90	5.65	2.10	2.00	2.05	2.10	2.20
24	2.60	2.40	2.40	3.00	20.10	2.90	4.30	2.10	2.10	2.00	2.10	2.20
25	2.60	2.40	2.60	9.50	19.05	3.40	4.00	2.10	2.10	2.00	2.15	2.20
26	2.60	2.40	2.50	7.70	16.50	3.60	3.65	2.10	2.10	2.00	2.80	2.20
27	2.50	2.40	2.40	9.40	15.25	3.45	3.50	2.10	2.10	2.00	4.85	2.20
28	2.50	2.40	2.40	6.95	10.75	3.65	3.30	2.10	2.10	2.00	4.00	2.20
29	2.50	2.40	2.35	4.50	5.70	3.45	3.30	2.10	2.10	2.00	3.55	2.20
30	2.55	-----	2.30	3.85	5.05	3.40	3.20	2.10	2.10	2.05	3.45	2.20
31	2.75	-----	2.30	-----	4.65	-----	3.10	-----	-----	2.85	-----	2.20

Medicine River at Kiowa, Kansas.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June. ^a	July.	Aug.	Sept. ^b	Oct.
1	2.50	2.50	2.40	2.40	2.80	2.30	3.65	2.40	1.40	2.10
2	2.60	2.50	2.40	2.40	2.50	2.30	3.50	2.40	1.40	2.20
3	2.60	2.50	2.40	2.40	2.50	2.20	3.10	2.40	1.40	2.20
4	2.70	2.60	2.40	2.40	2.50	2.20	2.80	2.40	1.40	2.20
5	2.70	2.60	2.30	2.20	2.50	2.10	2.80	2.40	1.40	2.20
6	2.60	2.60	2.30	2.20	2.40	1.90	2.70	2.40	1.40	2.10
7	2.60	2.70	2.30	2.00	2.40	1.65	2.60	2.30	1.40	2.20
8	2.60	2.70	2.40	2.00	2.40	1.30	2.60	2.30	1.40	2.20
9	2.60	2.70	2.40	2.00	2.30	1.40	2.60	2.00	-----	2.20
10	2.70	2.70	2.40	1.90	2.20	1.20	2.90	2.00	-----	2.30
11	2.80	2.60	2.40	1.90	2.20	1.20	2.95	2.00	-----	2.35
12	2.70	2.60	2.50	2.20	2.20	1.20	2.00	1.90	-----	2.40
13	2.60	2.60	2.60	2.50	2.30	1.20	2.85	1.90	2.00	2.40
14	2.60	2.60	2.60	2.55	2.30	-----	3.25	1.80	2.00	2.40
15	2.60	2.60	2.70	2.60	2.30	-----	3.80	1.80	2.00	2.40
16	2.70	2.50	2.65	2.60	2.20	-----	5.90	1.80	2.00	2.40
17	2.80	2.50	2.60	2.60	2.10	-----	5.00	1.80	2.00	2.30
18	2.75	2.60	2.50	2.75	2.10	-----	4.70	1.80	2.00	2.30
19	2.65	2.70	2.50	3.75	2.15	-----	5.60	1.80	2.10	2.30
20	2.60	2.70	2.50	3.70	2.20	-----	4.90	1.70	2.35	2.40
21	2.50	2.70	2.50	3.15	2.35	2.00	3.70	1.70	2.40	2.40
22	2.50	2.60	2.50	2.75	2.40	2.20	3.60	1.70	2.20	2.55
23	2.50	2.50	2.60	2.70	3.20	4.00	3.40	1.70	2.20	2.80
24	2.50	2.50	2.60	2.65	3.00	2.95	3.00	1.60	2.20	2.90
25	2.60	2.40	2.60	2.50	2.80	2.03	2.75	1.60	2.20	2.85
26	2.60	2.40	2.60	2.50	2.70	5.50	2.75	1.50	2.20	2.80
27	2.60	2.40	2.60	2.60	2.60	5.35	2.60	1.50	2.10	2.60
28	2.60	2.50	2.50	2.80	2.55	4.75	2.50	1.40	2.10	2.60
29	2.60	2.50	2.45	2.85	2.45	4.25	2.50	1.40	2.10	3.00
30	2.50	-----	2.40	2.80	2.40	3.95	2.55	1.40	2.10	2.95
31	2.50	-----	2.40	-----	2.30	-----	2.50	1.40	-----	2.75

^a Water standing in pools from June 14 to 21.^b Water standing in pools from September 9 to 13.

Cimarron River at Arkalon, Kansas.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
1.....	2.50	2.50	2.50	2.50	2.50	2.50	2.40	2.40	2.30	2.30
2.....	2.50	2.50	2.50	2.50	2.50	2.40	2.40	2.40	2.30	2.30
3.....	2.50	2.50	2.50	2.50	2.50	2.40	2.40	2.40	2.30	2.30
4.....	2.50	2.50	2.50	2.50	2.50	2.40	2.40	2.40	2.30	2.30
5.....	2.50	2.50	2.50	2.50	2.50	2.40	2.40	2.40	2.30	2.30
6.....	2.50	2.50	2.50	2.50	2.50	2.40	2.40	2.40	2.30	2.30
7.....	2.50	2.50	2.50	2.50	2.50	2.40	2.40	2.40	2.30	2.30
8.....	2.50	2.50	2.50	2.50	2.50	2.40	2.30	2.40	2.30	2.30
9.....	2.50	2.50	2.50	2.50	2.50	2.40	2.30	2.40	2.30	2.30
10.....	2.50	2.50	2.50	2.50	2.40	2.40	2.30	2.40	2.30	2.30
11.....	2.50	2.50	2.50	3.00	2.40	2.40	2.30	2.40	2.30	2.30
12.....	2.50	2.50	2.50	4.15	2.50	2.40	2.30	2.40	2.30	2.30
13.....	2.50	2.50	2.50	3.00	2.50	2.40	2.30	2.40	2.30	2.30
14.....	2.50	2.50	2.50	2.80	2.50	2.40	2.30	2.40	2.30	2.30
15.....	2.40	2.50	2.50	2.70	2.50	2.40	2.35	2.40	2.30	2.50
16.....	2.50	2.50	2.50	2.60	2.50	2.40	2.35	2.35	2.30	2.50
17.....	2.50	2.50	2.50	2.60	2.50	2.40	2.50	2.30	2.30	2.50
18.....	2.50	2.50	2.50	2.60	2.50	2.40	2.50	2.30	2.30	2.50
19.....	2.50	2.50	2.50	2.50	2.50	2.30	2.50	2.30	2.30	2.50
20.....	2.50	2.50	2.50	2.50	2.50	2.30	2.50	2.30	2.30	2.50
21.....	2.50	2.50	2.50	2.50	2.50	2.40	2.50	2.30	2.30	2.50
22.....	2.50	2.50	2.50	2.40	2.50	2.40	2.50	2.30	2.30	2.50
23.....	2.50	2.50	2.50	2.40	2.50	2.40	2.50	2.30	2.30	2.50
24.....	2.50	2.50	2.50	2.40	2.50	2.40	2.50	2.30	2.30	2.50
25.....	2.50	2.50	2.50	2.40	2.50	2.40	2.50	2.30	2.30	2.50
26.....	2.50	2.50	2.50	2.50	2.50	2.40	2.50	2.30	2.30	2.50
27.....	2.50	2.50	2.50	2.50	2.50	2.40	2.50	2.30	2.30	2.50
28.....	2.50	2.50	2.50	2.50	2.50	2.40	2.45	2.30	2.30	2.50
29.....	2.50	2.50	2.50	2.50	2.50	2.40	2.40	2.30	2.30	2.50
30.....	2.40	.....	2.50	2.50	2.50	2.40	2.40	2.30	2.30	2.50
31.....	2.40	.....	2.50	.....	2.50	.....	2.40	2.30	.....	2.50

Mora River at Watrous, New Mexico.

Day.	Jan.	Feb.	Day.	Jan.	Feb.	Day.	Jan.	Feb.	Day.	Jan.	Feb.
1....	1.90	1.95	9...	1.90	1.90	17...	1.90	1.90	25...	1.90	1.90
2....	1.90	1.95	10...	1.90	1.90	18...	1.95	1.90	26...	1.90	1.90
3....	1.90	1.95	11...	1.90	1.90	19...	1.95	1.90	27...	1.95	1.90
4....	1.90	1.92	12...	1.90	1.90	20...	1.95	1.90	28...	1.95	1.90
5....	2.02	1.92	13...	1.90	1.90	21...	1.95	1.90	29...	1.95	1.90
6....	2.00	1.92	14...	1.90	1.90	22...	1.90	1.90	30...	1.95	.....
7....	1.90	1.92	15...	1.90	1.90	23...	1.90	1.90	31...	1.95	.....
8....	1.90	1.92	16...	1.90	1.90	24...	1.90	1.90	.....	.....	.....

Rio Grande at Del Norte, Colorado.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	3.12	2.96	3.12	2.08	4.18	3.62	1.74	1.56	1.60	2.06	1.72	.....
3.....	3.24	3.02	3.18	2.14	4.56	3.38	1.70	1.52	1.50	2.00	1.64	.....
5.....	3.28	2.98	3.10	2.46	4.52	3.06	1.64	1.54	1.54	1.98	1.60	1.62
7.....	3.16	2.86	3.14	3.08	4.30	2.88	1.62	1.52	1.48	1.94	1.58	.....
9.....	3.20	2.80	3.10	3.20	3.96	2.72	1.68	1.48	1.50	1.88	1.60	.....
11.....	3.22	2.90	3.04	3.02	2.66	2.52	1.64	1.46	1.74	1.86	1.72	.....
12.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.80	.....
13.....	3.08	2.78	3.16	2.98	3.32	2.34	1.72	1.44	1.62	1.82	1.58	.....
15.....	3.12	2.72	3.02	3.04	3.24	2.20	1.70	1.42	1.58	1.94	1.56	.....
17.....	3.18	2.78	2.84	2.94	3.06	2.12	1.92	1.42	1.50	1.84	1.54	.....
19.....	3.26	3.20	2.76	2.76	3.22	2.10	2.22	1.44	1.52	1.82	1.52	1.72
21.....	3.22	3.24	2.54	2.78	3.54	1.98	1.92	1.42	2.00	1.78	1.50	.....
23.....	3.16	3.18	2.50	3.04	3.80	1.92	1.80	1.46	2.28	1.78	1.54	.....
25.....	3.12	3.24	2.68	3.90	4.00	1.86	1.78	1.44	3.16	1.80	1.52	.....
26.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.64	.....
27.....	3.06	3.20	2.54	4.22	4.08	1.82	1.70	1.40	2.68	1.84	1.48	.....
29.....	3.00	3.14	2.52	4.04	4.02	1.78	1.64	1.40	2.18	1.82	1.52	.....
30.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.64	.....
31.....	2.98	.....	2.50	4.12	3.94	.....	1.58	1.62	.....	1.76	.....	.....

Rio Grande at Embudo, New Mexico.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	8.35	8.30	8.50	9.50	10.70	9.15	7.30	7.30	7.30	9.30	7.50	8.10
2.....	8.25	8.30	8.50	9.50	10.65	8.95	7.30	7.30	7.30	8.65	7.40	8.10
3.....	8.20	8.10	8.55	9.50	10.45	8.80	7.30	7.30	7.30	7.45	7.40	8.00
4.....	8.35	8.00	8.40	9.45	10.55	8.45	7.30	7.30	7.30	7.50	7.30	8.00
5.....	8.30	8.05	8.35	9.55	10.85	8.40	7.30	7.30	7.30	7.50	7.30	8.00
6.....	8.20	8.20	8.35	9.70	11.00	8.25	7.30	7.30	7.30	7.50	7.30	8.00
7.....	8.30	8.20	8.40	10.05	10.90	8.20	7.30	7.30	7.30	7.50	7.30	8.00
8.....	8.35	8.30	8.35	10.10	10.65	8.00	7.30	7.30	7.30	7.50	7.30	8.00
9.....	8.30	8.30	8.30	10.10	10.40	7.90	7.30	7.30	7.30	7.50	7.40	8.00
10.....	8.30	8.20	8.40	10.20	10.25	7.75	7.30	7.30	7.30	7.50	7.45	7.90
11.....	8.50	8.15	8.50	10.30	10.10	7.60	7.30	7.30	7.30	7.50	7.50	7.90
12.....	8.55	8.10	8.60	10.30	9.85	7.60	7.30	7.30	7.30	7.50	7.50	7.90
13.....	8.10	8.20	8.55	10.30	9.65	7.50	9.65	7.30	7.30	7.50	7.60	7.90
14.....	8.00	8.25	8.65	10.30	9.60	7.50	7.30	7.30	7.30	7.50	7.40	7.99
15.....	8.00	8.10	8.70	10.30	9.50	7.50	7.30	7.30	7.30	7.50	7.40	7.90
16.....	8.10	8.05	8.75	10.30	9.40	7.50	7.30	7.30	7.30	7.50	7.55	7.90
17.....	8.05	8.20	8.75	10.30	9.40	7.40	7.45	7.30	7.30	7.50	7.95	7.85
18.....	8.10	8.25	8.60	10.30	9.40	7.40	7.50	7.30	7.30	7.50	8.30	7.80
19.....	8.00	8.25	9.10	10.05	9.25	7.35	7.50	7.30	7.30	7.50	8.40	7.80
20.....	8.00	8.30	9.10	9.90	9.10	7.30	7.60	7.30	7.30	8.00	8.40	7.80
21.....	8.00	8.20	9.05	9.70	9.00	7.30	8.70	7.45	7.30	7.85	8.35	7.80
22.....	8.10	8.25	8.85	9.70	8.90	7.30	7.30	7.60	7.30	7.70	8.50	7.80
23.....	8.10	8.20	9.15	9.70	8.90	7.30	8.05	7.40	7.30	7.70	8.50	7.80
24.....	8.10	8.25	9.35	9.70	8.90	7.30	8.00	7.40	7.30	7.70	8.35	7.80
25.....	8.00	8.30	9.55	9.80	8.90	7.30	7.40	7.35	7.30	7.70	8.25	7.80
26.....	8.00	8.30	9.60	9.80	9.00	7.30	7.40	7.30	7.30	7.70	8.20	7.80
27.....	8.10	8.40	9.70	9.95	9.50	7.30	7.50	7.30	7.30	7.70	8.20	7.80
28.....	8.20	8.45	10.10	10.65	9.50	7.30	7.50	7.30	7.45	7.70	8.10	.....
29.....	8.25	8.45	10.30	10.80	9.50	7.30	7.40	7.30	7.70	7.70	8.10	.....
30.....	8.25	.....	10.20	10.80	9.50	7.30	7.40	7.30	8.30	7.70	8.10	.....
31.....	8.30	.....	10.00	.....	9.50	7.30	7.30	7.30	.....	7.70	.....	.....

Chama River at Abiquiu, New Mexico.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	1.90	1.05	.....	1.90	3.05	1.90	1.70	2.25	2.45	2.25	2.25	2.15
2.....	1.80	.95	.....	2.45	3.35	1.90	1.50	2.10	2.85	2.35	2.45	1.90
3.....	1.80	1.15	.....	1.80	2.85	1.85	1.50	2.05	2.75	2.25	2.25	2.05
4.....	1.85	1.20	.....	1.95	2.65	1.05	1.50	1.95	2.85	2.85	2.25	2.20
5.....	1.75	1.15	.....	2.95	2.65	1.10	1.35	1.80	2.75	2.70	2.40	2.10
6.....	1.70	1.00	.....	2.85	2.50	1.05	1.30	1.70	2.20	2.85	2.30	2.00
7.....	1.75	1.10	.....	3.25	2.90	1.45	1.30	1.65	2.65	3.30	2.25	1.90
8.....	1.70	1.55	.....	4.13	2.85	1.35	1.35	1.50	3.35	3.40	2.30	2.05
9.....	1.65	1.55	.....	3.60	2.75	1.45	1.80	1.60	3.40	3.15	2.25	2.00
10.....	1.55	1.20	.....	2.85	2.75	1.75	1.50	1.55	4.40	2.90	2.05	2.00
11.....	1.70	1.10	1.60	2.70	2.65	1.45	1.55	1.55	4.40	2.80	2.10	1.95
12.....	1.75	1.30	1.75	2.80	2.50	1.55	1.45	1.60	3.65	2.75	2.25	2.10
13.....	1.80	1.45	1.90	2.35	2.45	1.35	1.45	1.50	3.45	2.65	2.15	1.90
14.....	1.75	1.55	1.70	3.65	2.55	1.30	3.75	1.50	2.90	2.70	2.30	2.05
15.....	1.70	1.10	1.95	3.05	2.35	1.60	2.75	1.45	2.75	2.75	2.25	2.05
16.....	1.80	.95	1.50	3.35	2.15	1.45	3.15	1.50	2.55	2.70	2.15	2.10
17.....	1.75	.95	1.50	3.30	2.55	1.35	3.55	1.55	3.15	2.65	2.25	1.95
18.....	1.75	1.00	1.55	3.40	2.25	1.30	3.00	1.45	3.15	2.60	2.25	2.00
19.....	1.65	1.45	1.30	2.55	2.35	1.40	3.25	1.50	3.45	2.75	2.10	1.95
20.....	1.45	1.40	1.30	3.40	2.15	1.10	3.35	1.35	3.05	2.70	2.15	2.05
21.....	1.70	1.20	1.35	3.85	1.95	1.10	2.85	1.45	2.80	2.75	2.25	2.15
22.....	1.35	1.10	1.35	4.10	1.85	1.10	3.60	1.50	2.60	2.65	2.10	2.15
23.....	1.65	1.50	1.45	3.85	2.05	1.25	2.70	1.85	2.55	2.75	2.10	2.05
24.....	1.70	1.75	1.55	2.95	2.15	1.30	3.50	1.85	2.55	2.85	2.00	1.95
25.....	1.55	1.55	1.50	3.70	2.10	1.40	2.95	1.80	2.50	2.85	2.35	1.85
26.....	1.55	1.35	1.70	3.85	2.15	1.25	2.85	1.90	2.30	2.85	2.35	2.00
27.....	1.55	1.60	2.55	3.85	1.55	1.50	2.75	1.35	2.25	2.85	2.30	.....
28.....	1.65	2.05	2.25	3.55	1.85	1.70	2.75	1.35	2.35	2.55	2.35	.....
29.....	1.35	2.15	1.85	3.35	2.10	1.65	2.95	1.45	2.30	2.65	2.15	.....
30.....	.90	.....	1.95	3.25	1.85	1.70	2.85	1.45	2.20	2.75	2.20	.....
31.....	1.10	.....	1.70	.....	1.55	.....	2.75	1.15	.....	2.60	.....	.....

Rio Grande at Rio Grande, New Mexico.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	5.00	-----	-----	6.65	8.25	6.30	4.20	-----	4.25	4.85	4.80	4.40
2.....	4.90	-----	-----	6.50	7.95	6.25	4.30	4.10	4.20	4.80	4.80	4.70
3.....	5.05	-----	-----	6.45	7.85	6.10	4.25	4.10	4.15	4.75	4.80	4.90
4.....	5.15	-----	5.50	6.45	7.90	5.90	4.25	4.00	4.10	4.70	4.75	4.90
5.....	-----	-----	5.35	6.40	8.10	5.65	4.20	4.00	4.10	4.65	4.70	4.80
6.....	-----	-----	5.30	6.55	8.15	5.40	4.25	3.98	4.18	4.60	4.70	4.90
7.....	-----	-----	5.25	6.85	8.35	5.30	4.10	3.90	4.20	4.53	4.58	4.95
8.....	-----	-----	5.40	7.02	8.50	5.20	4.10	3.90	4.05	4.95	4.58	5.00
9.....	-----	-----	5.40	7.50	8.35	5.00	4.08	3.90	4.00	4.85	4.65	5.05
10.....	-----	-----	5.45	7.60	7.75	4.85	4.03	3.90	4.35	5.00	4.70	5.05
11.....	-----	-----	5.55	7.80	7.45	4.70	4.00	3.88	4.55	4.80	4.70	5.05
12.....	-----	-----	5.55	7.87	7.25	4.55	4.00	3.83	4.95	4.70	5.00	5.00
13.....	-----	-----	5.70	7.80	7.10	4.50	4.60	3.85	4.40	4.80	5.10	5.05
14.....	-----	-----	5.80	7.65	7.00	4.50	5.10	3.80	4.40	4.90	5.10	5.10
15.....	-----	-----	5.85	7.80	6.90	4.48	4.30	3.80	4.30	5.00	5.10	4.95
16.....	-----	-----	5.70	7.80	6.55	4.30	4.65	3.80	4.20	4.98	5.10	5.00
17.....	-----	5.20	5.75	7.95	6.45	4.25	4.85	3.80	4.20	4.75	5.10	5.10
18.....	-----	5.20	5.65	7.90	6.30	4.20	4.70	3.80	4.80	4.65	5.10	5.00
19.....	-----	5.20	5.60	7.75	6.00	4.20	5.40	3.80	4.30	4.75	5.10	4.85
20.....	-----	5.20	5.52	7.50	5.95	4.15	4.75	3.80	4.45	4.70	5.10	4.75
21.....	-----	5.20	5.80	7.45	5.85	4.10	5.00	3.80	4.50	4.70	5.10	4.80
22.....	-----	5.20	5.80	7.60	5.80	4.10	5.40	3.73	4.40	4.75	5.10	4.80
23.....	-----	-----	5.95	7.70	5.80	4.05	5.15	3.70	4.40	5.15	5.10	4.80
24.....	-----	-----	6.25	7.60	5.85	4.00	4.95	4.33	4.45	5.00	5.10	4.75
25.....	-----	-----	6.40	7.85	6.00	4.00	4.65	3.95	4.35	5.00	5.15	4.70
26.....	-----	-----	6.65	7.95	6.25	4.25	4.65	3.90	4.25	4.90	5.13	4.55
27.....	-----	-----	6.95	8.15	6.35	4.10	4.50	4.00	4.20	4.90	4.95	-----
28.....	-----	-----	7.20	8.35	6.40	4.10	4.25	4.00	4.30	5.05	4.85	-----
29.....	-----	-----	7.25	8.40	6.35	4.15	4.20	4.00	5.35	4.90	4.30	-----
30.....	-----	-----	7.15	8.45	6.45	4.20	4.30	4.00	5.10	4.80	4.35	-----
31.....	-----	-----	6.90	-----	6.30	-----	4.25	4.13	-----	4.80	-----	-----

Rio Grande at San Marcial, New Mexico.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	-----	7.45	7.20	8.60	9.00	7.30	a5.60	6.00	b5.50	b5.50	6.80	7.20
2.....	-----	7.55	7.20	8.45	9.00	7.30	a5.60	6.00	b5.50	b5.50	6.65	7.20
3.....	-----	7.50	7.20	8.30	8.50	7.50	a5.60	6.00	b5.50	b5.50	6.50	7.20
4.....	-----	7.40	7.20	8.10	8.50	7.40	a5.60	6.00	b5.50	b5.50	6.50	7.20
5.....	-----	7.40	7.20	7.90	8.50	7.40	7.00	6.00	b5.50	b5.50	6.50	7.20
6.....	-----	7.40	7.20	7.90	8.50	7.50	7.00	7.00	b5.50	b5.50	6.50	7.20
7.....	-----	7.35	7.20	8.00	8.50	7.00	b6.60	6.65	b5.50	b5.50	6.50	7.20
8.....	-----	7.30	7.00	8.00	8.50	7.00	b6.00	5.85	b5.50	b5.50	6.90	7.20
9.....	-----	7.30	7.00	8.10	8.70	7.00	b6.00	(b)	b5.50	b5.50	6.90	7.20
10.....	-----	7.30	7.10	8.20	8.70	6.65	b6.00	(b)	b5.50	b5.50	6.90	7.20
11.....	-----	7.30	7.10	8.30	8.70	6.40	b6.00	(b)	b5.50	b5.50	6.90	7.20
12.....	-----	7.30	7.10	8.40	8.70	6.20	b6.00	(b)	b5.50	b5.50	6.90	7.30
13.....	-----	7.30	7.00	8.70	8.50	a6.00	b6.00	(b)	b6.25	6.95	6.90	7.30
14.....	-----	7.30	7.00	8.90	8.50	a6.00	b6.00	(b)	6.65	9.45	6.90	7.50
15.....	-----	7.50	7.20	8.90	8.30	a6.00	b6.00	(b)	5.75	11.00	7.00	7.50
16.....	-----	7.40	7.20	8.60	8.20	a6.00	b6.00	b5.50	b5.50	8.50	7.00	7.50
17.....	-----	7.40	7.40	8.50	8.00	a6.00	b6.00	b5.50	b5.50	7.00	7.00	7.25
18.....	-----	7.40	7.40	8.60	7.50	a6.00	b6.55	b5.50	b5.50	7.00	7.00	7.25
19.....	-----	7.40	7.40	8.65	7.50	a6.00	6.70	b5.50	b5.50	7.00	7.00	7.40
20.....	-----	7.40	7.58	8.40	7.50	a5.90	7.50	b5.50	7.50	7.25	7.00	7.35
21.....	-----	7.45	7.60	8.40	7.50	a5.60	9.00	b5.50	7.95	6.00	7.00	7.30
22.....	7.50	7.50	7.40	8.40	7.20	a5.60	8.25	b5.50	7.60	6.00	7.00	7.30
23.....	7.45	7.40	7.40	8.40	7.00	a5.60	7.60	b5.50	7.00	6.00	7.10	7.30
24.....	7.40	7.40	7.50	8.40	7.00	a5.60	7.00	b5.50	7.00	6.95	7.10	7.50
25.....	7.40	7.40	7.50	8.45	7.00	a5.60	7.00	b5.50	6.75	6.80	7.10	7.50
26.....	7.50	7.40	7.50	9.00	7.00	a5.60	6.50	7.50	b6.50	6.80	7.10	7.43
27.....	7.60	7.30	7.60	9.00	7.00	a5.60	6.90	7.50	b6.50	6.80	7.10	-----
28.....	7.45	7.30	7.70	9.00	7.00	a5.60	8.00	7.50	b6.50	6.80	7.10	-----
29.....	7.40	7.30	7.90	9.00	7.00	a5.60	8.00	7.45	b6.50	6.80	7.22	-----
30.....	7.30	-----	7.90	9.00	6.95	a5.60	7.50	6.90	b6.50	6.80	7.20	-----
31.....	7.40	-----	8.20	-----	7.10	-----	7.00	b5.50	-----	6.80	-----	-----

a No water running.

b Dry.

Rio Grande at El Paso, Texas.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	5.85	7.30	6.60	6.00	8.65	5.40	5.10	6.70	0.00	5.55	7.25	6.55
2.....	6.05	7.30	6.70	7.20	8.80	5.35	5.80	6.55	5.70	7.05	7.15	6.60
3.....	5.95	7.30	6.85	8.55	8.80	5.35	5.25	6.40	5.25	7.60	6.90	6.60
4.....	6.00	7.30	6.90	8.60	8.80	5.30	5.15	6.30	5.25	7.50	6.80	6.60
5.....	5.95	7.30	6.80	8.45	8.80	5.30	5.10	6.05	5.05	8.00	6.70	6.50
6.....	6.10	7.30	6.70	8.35	8.80	5.25	5.10	5.35	4.80	7.45	6.65	6.50
7.....	6.20	7.35	6.70	8.15	8.80	5.20	4.90	5.55	.00	7.50	6.60	6.50
8.....	6.30	7.50	6.70	7.90	8.70	5.25	.00	5.45	.00	7.30	6.60	6.60
9.....	6.30	7.45	6.75	7.70	8.50	5.15	.00	5.35	.00	7.05	6.50	6.55
10.....	6.25	7.35	7.70	7.55	8.50	5.15	.00	5.35	.00	7.40	6.40	6.55
11.....	6.15	7.25	7.35	7.45	8.65	5.15	.00	5.25	.00	7.20	6.35	6.50
12.....	6.40	7.20	7.30	7.30	8.75	4.95	.00	5.25	.00	7.00	6.30	6.40
13.....	6.40	7.10	7.10	7.50	8.85	5.05	.00	5.20	.00	6.90	6.20	6.35
14.....	7.35	7.10	7.00	8.05	8.75	5.10	.00	5.20	.00	7.00	6.10	6.40
15.....	7.40	7.05	6.80	8.95	8.65	5.00	.00	5.00	.00	8.65	6.10	6.50
16.....	7.40	7.20	6.50	8.90	8.55	4.80	.00	4.90	.00	10.15	6.10	6.40
17.....	7.60	7.10	6.40	8.65	8.35	4.45	5.15	4.75	.00	10.60	6.10	6.40
18.....	7.40	7.00	6.30	8.50	8.10	4.30	8.38	4.60	.00	10.55	6.10	6.35
19.....	7.45	6.90	6.20	8.45	8.00	4.10	7.85	4.60	.00	8.75	6.10	6.50
20.....	7.50	6.95	6.10	8.45	7.85	3.80	7.25	4.40	.00	8.15	6.10	6.70
21.....	7.45	7.15	6.10	8.65	7.65	.....	7.10	4.30	.00	7.75	6.10	6.70
22.....	7.30	7.25	6.10	8.90	7.30	.....	7.90	4.60	.00	7.65	6.10	6.70
23.....	7.30	7.20	6.05	8.80	7.15	.....	7.70	4.40	5.50	7.55	6.10	6.70
24.....	7.25	7.05	6.35	8.60	7.00	.....	9.60	.00	5.70	7.30	6.10	6.70
25.....	7.35	7.00	6.75	8.40	6.85	.....	8.70	.00	7.35	7.75	6.30	6.65
26.....	7.25	7.00	6.65	8.50	6.65	.....	8.20	.00	6.80	8.10	6.30	6.70
27.....	7.30	7.00	6.35	8.45	6.45	.....	7.55	.00	6.20	8.00	6.40	.....
28.....	7.20	6.80	6.20	8.50	6.15	.00	7.10	.00	6.05	8.20	6.60	.....
29.....	7.20	6.70	6.10	8.55	5.95	.00	7.20	.00	6.00	7.70	6.55	.....
30.....	7.10	.....	6.00	8.55	5.70	.00	7.10	.00	5.75	7.45	6.50	.....
31.....	7.35	.....	5.90	.....	5.45	.....	7.00	.00	.....	7.25	.....	.....

Grand River at Grand Junction, Colorado.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	.....	2.70	4.65	1.20	1.05	3.35	4.10	3.50	.....
2.....	.....	2.65	4.10	1.20	.95	3.40	4.00	3.50	.....
3.....	.....	2.65	3.65	1.10	.85	3.50	3.95	3.50	3.00
4.....	.....	3.20	3.45	1.10	.85	3.40	3.85	3.40	.....
5.....	.....	3.30	3.30	1.05	.70	3.30	3.80	3.30	3.30
6.....	.....	3.90	3.30	1.00	.70	3.25	3.80	3.20	.....
7.....	.....	4.00	3.25	1.05	.65	3.15	3.80	3.20	.....
8.....	.....	4.30	3.15	1.00	.55	3.30	3.70	3.10	.....
9.....	.....	3.90	2.90	.90	.45	3.50	3.70	3.00	3.10
10.....	.....	3.80	2.75	.85	.40	4.85	3.70	3.20	.....
11.....	.....	3.70	3.05	.80	.25	4.30	3.70	3.30	.....
12.....	1.10	3.55	2.95	.80	.15	4.40	3.70	3.30	3.00
13.....	1.20	3.20	2.80	.80	.05	4.35	3.70	3.30	.....
14.....	1.10	2.90	2.45	.85	.00	4.15	3.70	3.20	.....
15.....	1.30	2.50	2.35	.90	.00	3.95	3.65	3.30	.....
16.....	1.45	2.30	2.20	.85	.00	3.70	3.60	3.40	.....
17.....	1.50	1.90	2.15	.85	.00	3.60	3.60	3.40	.....
18.....	1.50	1.90	2.05	1.00	.00	3.60	3.55	3.25	3.10
19.....	1.20	1.85	2.00	1.25	.00	3.90	3.50	3.10	3.10
20.....	1.15	1.85	2.00	1.25	.00	3.80	3.50	3.25	.....
21.....	1.10	1.90	1.85	1.10	1.63	3.75	3.50	3.40	.....
22.....	1.10	1.90	1.80	1.00	.40	3.80	3.50	3.40	.....
23.....	1.60	2.35	1.75	.85	a 3.45	7.20	3.50	3.40	.....
24.....	1.90	3.25	1.65	.80	3.55	5.70	3.50	3.40	2.90
25.....	2.50	3.70	1.55	1.00	3.90	4.55	3.50	3.40	.....
26.....	2.70	3.90	1.50	1.40	3.75	4.45	3.50	3.40	.....
27.....	3.30	4.05	1.50	1.45	3.55	4.40	3.40	3.30	.....
28.....	3.70	4.45	1.40	1.55	3.35	4.30	3.50	3.10	.....
29.....	3.15	4.30	1.30	1.55	3.30	4.30	3.50	2.70	2.80
30.....	2.90	4.55	1.30	1.35	3.30	4.10	3.50	2.50	.....
31.....	.....	4.40	.....	1.15	3.30	.....	3.50	.....	3.00

a New rod placed in position reading 3 feet higher.

Dolores River at Dolores, Colorado.

Day.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.
1.....	3.20	2.65	4.05	3.75	2.70	2.50	2.70	3.00	2.80
2.....	3.10	2.35	4.30	3.60	2.65	2.40	2.70	3.00	2.80
3.....	3.00	3.20	4.40	3.45	2.60	2.40	2.60	3.00	2.95
4.....	2.90	3.25	4.35	3.40	2.60	2.50	2.60	2.90	2.95
5.....	2.80	3.40	4.05	3.30	2.70	2.60	2.60	2.90	3.20
6.....	2.75	3.45	4.30	3.20	2.75	2.50	2.60	2.90	3.40
7.....	2.60	3.70	4.00	3.20	2.85	2.50	2.50	2.85	3.70
8.....	2.50	3.75	4.05	3.20	2.90	2.40	2.70	2.80	3.35
9.....	2.55	3.80	4.10	3.10	3.00	2.40	2.70	2.80	2.90
10.....	2.60	3.50	4.10	3.10	3.00	2.35	2.80	2.80	2.90
11.....	2.65	3.50	3.60	3.10	3.15	2.30	3.10	2.80	2.90
12.....	2.65	3.45	3.80	3.00	3.00	2.30	2.90	2.80	3.00
13.....	2.70	3.45	3.65	3.00	2.95	2.30	2.75	2.85	3.00
14.....	2.70	3.35	3.40	2.95	3.00	2.30	2.75	2.90	2.90
15.....	2.75	3.60	3.20	2.90	3.10	2.25	2.75	2.90	2.75
16.....	2.70	3.55	3.15	2.90	3.50	2.20	2.70	2.80	2.75
17.....	2.75	3.65	3.25	2.90	3.05	2.35	2.70	2.80	2.55
18.....	2.60	3.30	3.30	3.00	3.00	2.45	2.70	2.80	2.65
19.....	2.60	3.45	3.25	2.90	3.05	2.55	2.70	2.80	2.80
20.....	2.70	3.45	3.75	2.90	3.00	2.55	2.80	2.80	2.75
21.....	2.70	3.40	3.80	2.80	2.85	2.60	2.80	2.80	2.75
22.....	2.85	3.95	3.90	2.80	2.80	2.60	2.65	2.85	2.70
23.....	2.90	4.05	4.00	2.80	2.85	2.60	4.17	2.80	2.70
24.....	3.10	4.25	4.10	2.70	2.80	2.60	4.05	2.80	2.70
25.....	3.40	4.35	4.20	2.70	2.75	2.53	4.40	2.80	2.80
26.....	3.45	4.50	4.25	2.60	2.70	2.50	3.20	2.80	3.20
27.....	3.25	4.40	4.15	2.60	2.65	2.50	3.10	2.80	3.20
28.....	3.20	4.30	4.30	2.65	2.60	2.85	3.10	2.90	3.20
29.....	3.10	3.95	4.25	2.70	2.60	3.00	3.10	2.80	3.20
30.....	3.65	3.90	4.10	2.70	2.60	2.85	3.00	2.80	3.20
31.....	3.05	.....	3.90	.....	2.60	2.80	.....	2.80	.....

Fall Creek at Seymour, Colorado.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.
1.....	.....	4.00	4.20	3.00	2.70	2.65	3.00	2.60
2.....	.....	4.00	4.15	3.00	2.60	2.60	3.00	2.50
3.....	.....	3.95	4.15	2.95	2.60	2.60	2.95	2.55
4.....	.....	3.90	4.15	2.90	2.60	2.65	2.90	2.55
5.....	.....	3.95	4.15	2.90	2.60	2.60	2.85	2.55
6.....	.....	4.05	4.05	2.90	2.60	2.60	2.80	2.55
7.....	.....	4.05	4.00	2.90	2.60	2.60	2.80	2.25
8.....	.....	4.15	4.10	2.90	2.60	2.60	2.80	2.40
9.....	.....	4.20	4.10	3.20	2.60	2.60	2.80	2.60
10.....	.....	4.05	3.95	3.60	2.60	2.95	2.75	2.50
11.....	.....	4.00	3.85	3.55	2.60	3.00	2.70	2.50
12.....	3.10	3.80	3.80	3.50	2.60	2.90	2.70	2.50
13.....	3.15	3.80	3.85	3.45	2.60	2.80	2.70	2.55
14.....	3.15	3.70	3.90	3.20	2.60	2.80	2.70	2.45
15.....	3.05	3.70	3.40	3.00	2.60	2.70	2.70	2.65
16.....	3.10	3.75	3.40	3.00	2.60	2.70	2.70	2.55
17.....	3.05	3.75	3.45	3.20	2.50	2.70	2.70	2.45
18.....	3.05	3.60	3.40	3.30	2.60	2.70	2.70	2.50
19.....	3.05	3.55	3.35	3.30	2.60	2.75	2.60	2.50
20.....	3.10	3.55	3.30	3.15	2.60	2.85	2.60	2.45
21.....	3.15	3.80	3.10	3.00	2.60	2.80	2.60	2.50
22.....	3.30	3.95	3.10	2.90	2.60	2.80	2.65	2.60
23.....	3.55	4.35	3.05	2.90	2.55	4.45	2.65	2.60
24.....	3.80	4.35	3.00	2.90	2.55	4.05	2.60	2.60
25.....	4.00	4.60	3.00	2.85	2.55	4.75	2.60	2.60
26.....	4.05	4.90	3.00	2.80	2.60	3.50	2.60	2.65
27.....	4.00	4.95	3.00	2.80	2.55	3.35	2.60	2.30
28.....	4.00	4.85	3.00	2.80	2.90	3.25	2.60	2.60
29.....	3.90	4.75	3.00	2.80	2.85	3.10	2.60	2.90
30.....	3.85	4.70	3.00	2.80	2.75	3.10	2.35	3.05
31.....	.....	4.40	.....	2.80	2.70	.....	2.50	.....

Uncompahgre River at Uncompahgre, Colorado.

Day.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.
1	4.00	5.00	3.40	3.00	3.08	3.35	3.13
2	4.00	4.80	3.20	2.85	3.10	3.43	3.13
3	3.90	4.20	3.20	2.80	3.18	3.35	3.13
4	4.10	4.40	3.20	2.80	3.10	3.30	3.03
5	4.20	4.30	3.20	2.90	3.10	3.24	3.03
6	4.40	4.25	3.20	2.90	3.10	3.20	3.03
7	4.50	4.25	3.20	2.90	3.05	3.23	3.00
8	4.40	4.45	3.50	2.90	3.00	3.25	3.13
9	4.30	4.40	3.35	2.85	3.13	3.23	3.13
10	4.45	4.30	3.20	2.75	3.13	3.23	3.10
11	4.05	4.10	3.20	2.75	3.48	3.23	3.03
12	4.05	4.15	3.35	2.70	3.35	3.23	3.00
13	3.95	4.10	3.35	2.70	3.23	3.18	3.03
14	3.60	4.15	3.45	2.70	3.20	3.18	3.03
15	3.50	4.00	3.50	2.70	3.23	3.18	3.13
16	3.85	3.85	3.30	2.70	3.18	3.13	3.08
17	3.85	3.85	3.35	2.70	3.10	3.10	3.18
18	3.85	3.90	3.35	2.70	3.15	3.10	3.20
19	4.30	3.75	3.35	2.70	3.18	3.13	3.20
20	4.40	3.80	3.45	2.80	3.23	3.08	3.15
21	5.05	3.75	3.45	2.75	3.25	3.10	3.15
22	5.15	3.70	3.30	2.85	3.40	3.08	3.20
23	5.15	3.50	3.20	3.05	3.90	3.08	3.20
24	5.25	3.75	3.00	3.05	3.98	3.05	3.13
25	5.00	3.75	3.05	3.08	3.65	3.03	3.13
26	5.05	3.60	3.05	3.08	3.58	3.03	3.10
27	5.45	3.50	3.00	3.00	3.48	3.08	3.10
28	5.05	3.60	3.00	3.08	3.45	3.10	3.00
29	4.90	3.50	3.00	3.15	3.43	3.10	3.00
30	4.50	3.45	3.00	3.10	3.40	3.13	3.00
31	4.60	-----	3.00	3.18	-----	3.18	-----

Black's Fork River at Granger, Wyoming.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	-----	3.20	10.30	3.20	2.40	2.00	1.80	-----	-----
2	-----	3.50	9.40	3.10	2.40	2.60	1.80	-----	-----
3	-----	-----	8.00	3.00	2.40	3.00	1.80	-----	-----
4	-----	3.40	7.70	2.90	2.40	2.20	-----	-----	-----
5	-----	3.40	7.60	2.80	2.30	1.90	1.70	-----	2.90
6	-----	4.00	7.30	2.70	2.30	-----	1.70	-----	-----
7	-----	5.10	-----	2.60	2.20	1.80	1.70	1.92	-----
8	-----	5.00	6.30	2.60	2.00	1.70	1.70	-----	-----
9	-----	5.30	6.70	2.60	-----	1.70	1.70	-----	-----
10	-----	-----	7.10	2.50	1.80	1.70	1.60	-----	-----
11	-----	4.90	7.40	2.40	1.70	1.70	-----	-----	-----
12	-----	4.70	7.10	-----	1.70	1.70	1.70	-----	2.90
13	-----	4.30	6.50	2.40	1.60	-----	1.70	-----	-----
14	-----	3.80	-----	2.70	1.50	1.60	1.70	1.90	-----
15	-----	3.60	6.50	3.30	1.50	1.60	1.70	-----	-----
16	-----	3.50	6.00	3.10	-----	1.60	-----	2.40	-----
17	-----	-----	5.80	2.90	3.30	1.60	-----	2.60	-----
18	-----	3.00	3.30	5.50	3.30	4.90	1.60	2.80	-----
19	-----	2.60	3.30	5.30	-----	5.20	1.50	2.90	2.90
20	-----	2.90	3.30	5.20	3.00	4.10	-----	2.90	-----
21	-----	3.30	3.30	4.90	2.80	5.25	1.60	2.90	-----
22	-----	3.30	3.60	4.60	2.60	4.40	1.90	-----	-----
23	-----	3.40	4.00	4.40	3.70	-----	1.90	2.90	-----
24	-----	3.20	4.60	4.20	2.90	3.90	1.90	1.80	-----
25	-----	3.20	6.00	4.00	2.90	2.50	2.00	2.90	-----
26	-----	-----	6.60	3.80	-----	2.20	3.90	2.90	2.90
27	-----	3.40	7.00	3.60	2.80	2.10	-----	2.80	-----
28	-----	3.50	7.70	-----	2.80	2.00	-----	2.70	-----
29	-----	3.50	8.00	3.50	2.70	1.90	1.90	-----	-----
30	-----	3.20	8.40	3.40	2.60	2.40	1.80	-----	-----
31	-----	-----	-----	2.40	2.10	-----	1.97	-----	-----

Green River at Green River, Wyoming.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Dec.
1.		1.90	4.77	4.08	2.58	1.62	1.30	1.60
2.		1.85	4.97	3.98	2.53	1.65	1.30	1.60
3.		1.87	4.85	3.88	2.43	1.60	1.25	1.60
4.		1.90	5.15	3.80	2.40	1.60	1.25	1.65
5.		1.95	5.45	3.78	2.35	1.55	1.25	1.65
6.		1.90	5.35	3.70	2.28	1.55	1.20	1.65
7.		2.00	5.25	3.63	2.20	1.50	1.20	1.65
8.		2.15	5.02	3.60	2.13	1.50	1.20	1.70
9.	1.60	2.22	4.80	3.55	2.08	1.50	1.15	1.70
10.	1.55	2.25	4.90	3.50	2.03	1.50	1.15	1.70
11.	1.60	2.20	5.35	3.45	1.93	1.50	1.15	1.70
12.	1.55	2.15	5.75	3.40	1.90	1.50	1.15	1.70
13.	1.50	2.15	5.92	3.35	1.85	1.50	1.15	1.70
14.	1.57	2.10	5.82	3.35	1.78	1.45	1.10	1.70
15.	1.67	2.05	5.87	3.45	1.73	1.45	1.10	1.70
16.	1.70	2.05	5.97	3.70	1.70	1.40	1.10	1.70
17.	1.70	2.05	5.97	3.70	1.70	1.35	1.10	1.70
18.	1.62	2.00	6.05	3.55	2.00	1.35	1.10	1.70
19.	1.55	2.00	6.05	3.50	1.83	1.27	1.10	1.70
20.	1.52	1.95	6.18	3.43	1.90	1.25	1.10	1.70
21.	1.57	1.90	6.20	3.33	2.08	1.25	1.10	1.80
22.	1.57	1.95	6.00	3.25	2.10	1.30	1.10	1.80
23.	1.55	2.02	5.70	3.08	2.15	1.25	1.10	1.80
24.	1.50	2.30	5.45	2.98	2.08	1.20	1.10	1.80
25.	1.50	2.65	5.10	2.90	1.93	1.20	1.10	1.80
26.	1.57	2.85	4.93	2.88	1.88	1.20	1.10	1.80
27.	1.67	2.90	4.73	2.80	1.78	1.20	1.10	1.80
28.	1.85	2.97	4.55	2.73	1.68	1.25	1.10	1.80
29.	1.92	3.37	4.43	2.65	1.58	1.30	1.10	1.80
30.	1.90	3.87	4.23	2.60	1.57	1.30	1.10	1.80
31.		4.27		2.53	1.60	1.30	1.10	1.80

Green River at Blake, Utah.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.	1.55	1.80	1.80	3.60	6.35	8.85	5.95	4.40	2.95	3.10	2.55	1.80
2.	1.65	1.70	1.80	3.60	6.35	9.30	5.75	4.30	2.85	3.20	2.50	1.80
3.	1.75	1.70	1.90	3.50	6.00	9.65	5.55	3.95	2.75	3.05	2.50	1.80
4.	1.85	1.70	2.00	3.45	5.75	9.65	5.35	3.75	2.65	3.00	2.50	1.80
5.	1.70	1.60	1.95	3.40	5.55	9.45	5.15	3.65	2.50	3.00	2.40	1.80
6.	1.70	1.70	2.00	3.20	5.55	9.25	5.05	3.60	2.50	2.90	2.40	1.80
7.	1.60	1.75	2.00	3.00	5.80	9.05	5.00	3.50	2.50	2.85	2.40	1.80
8.	1.65	1.70	2.00	2.90	6.20	8.95	4.80	3.45	2.45	2.70	2.40	1.80
9.	1.70	1.70	2.05	2.90	6.55	8.75	4.70	3.35	2.40	2.70	2.35	1.80
10.	1.60	1.80	2.10	2.90	6.75	8.70	4.60	3.30	2.70	2.70	2.30	1.80
11.	1.65	1.70	2.10	3.00	6.85	8.70	4.95	3.40	2.65	2.70	2.25	1.80
12.	1.70	1.60	2.10	3.10	6.90	8.45	4.35	3.35	2.85	2.60	2.20	1.80
13.	1.60	1.60	2.10	3.20	6.75	8.25	4.20	3.15	2.80	2.60	2.20	1.80
14.	1.50	1.50	2.20	3.45	6.55	8.20	4.25	3.00	2.70	2.60	2.20	1.80
15.	1.45	1.50	2.30	3.50	6.40	8.30	4.40	2.90	2.70	2.60	2.15	1.80
16.	1.55	1.60	2.35	3.70	6.10	8.25	4.30	2.80	2.70	2.60	2.10	1.80
17.	1.65	1.70	2.40	3.75	5.70	8.15	4.70	2.65	2.80	2.60	2.20	1.80
18.	1.75	1.70	2.55	3.90	5.45	8.00	4.30	2.60	2.65	2.55	2.30	1.80
19.	1.60	1.80	2.85	3.85	5.20	7.95	4.45	2.50	2.65	2.50	2.40	1.80
20.	1.65	1.80	3.15	3.95	5.00	7.75	4.80	2.50	3.45	2.50	2.50	1.80
21.	1.70	1.90	3.10	4.10	4.85	7.70	4.95	2.65	4.45	2.50	2.40	1.80
22.	1.75	1.90	2.75	4.45	4.70	7.55	4.70	2.85	3.00	2.50	2.30	1.80
23.	1.75	1.90	2.70	4.10	4.70	7.50	4.55	3.05	5.55	2.50	2.40	1.80
24.	1.70	1.80	2.80	3.80	4.70	7.40	4.45	3.20	4.75	2.45	2.50	1.80
25.	1.60	1.80	2.85	3.60	4.85	7.35	4.40	3.15	4.00	2.40	2.60	1.80
26.	1.60	1.70	3.05	3.75	5.35	7.15	4.60	3.30	4.25	2.40	2.70	1.80
27.	1.60	1.75	3.25	4.10	5.80	6.90	4.60	3.40	3.70	2.40	2.65	1.80
28.	1.70	1.80	3.40	5.00	6.65	6.55	4.65	3.65	3.45	2.55	2.45	1.80
29.	1.70	1.80	3.55	5.70	7.45	6.35	4.60	4.15	3.35	2.40	2.40	1.80
30.	1.80		3.70	6.10	8.00	6.15	4.50	3.45	3.20	2.55	2.40	1.80
31.	1.80		3.60		8.40		4.50	3.15		2.65		1.80

San Juan River at Arboles, Colorado.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.
1.....		7.15	7.10	5.70	5.70	5.80	5.85	5.90
2.....		7.20	7.00	5.70	5.65	5.70	5.85	5.90
3.....		7.50	6.90	5.70	5.60	5.70	5.90	5.85
4.....		7.60	6.80	5.70	5.60	6.05	5.90	5.80
5.....		7.65	6.65	5.70	5.75	5.85	5.85	5.70
6.....		7.75	6.60	5.85	5.75	5.70	5.80	5.60
7.....		7.65	6.50	5.85	5.65	5.60	6.00	5.55
8.....		7.40	6.50	5.70	5.60	5.60	5.90	5.50
9.....		7.25	6.50	5.75	5.50	5.65	5.80	5.50
10.....		7.35	6.40	5.75	5.50	6.35	5.95	5.65
11.....		7.25	6.30	5.70	5.50	6.75	5.90	5.75
12.....	6.80	7.10	6.30	5.70	5.50	6.45	5.80	5.70
13.....	6.70	7.05	6.20	5.80	5.50	5.95	5.90	5.70
14.....	6.70	6.85	6.20	5.85	5.50	5.80	5.80	5.70
15.....	6.85	6.75	6.10	6.00	5.50	5.75	5.80	5.70
16.....	6.85	6.65	6.00	5.85	5.50	5.70	5.80	5.75
17.....	6.70	6.60	6.00	6.30	5.50	5.60	5.80	5.90
18.....	6.70	6.60	6.00	6.25	5.50	5.60	5.80	5.85
19.....	6.65	6.80	5.95	6.20	5.50	5.80	5.80	5.80
20.....	6.60	6.95	5.95	6.35	5.40	6.05	5.80	5.80
21.....	6.80	7.25	5.90	6.15	5.40	5.95	5.80	5.80
22.....	6.90	7.25	5.90	6.15	5.40	5.80	5.75	5.80
23.....	6.80	7.35	5.80	6.20	5.40	5.95	6.05	5.80
24.....	6.90	7.50	5.80	6.15	5.40	6.90	6.15	5.80
25.....	7.25	7.60	5.80	6.00	5.50	6.55	5.95	5.80
26.....	7.60	7.70	5.70	5.95	5.50	6.20	5.85	5.80
27.....	7.45	7.60	5.65	5.90	5.50	6.10	5.85	5.80
28.....	7.25	7.55	5.70	5.80	6.50	6.00	6.40	5.80
29.....	7.15	7.35	5.70	5.80	6.20	5.95	6.10	5.80
30.....	7.15	7.40	5.70	5.80	6.05	5.90	6.05	5.80
31.....	7.15	7.40	-----	5.75	5.90	-----	5.95	-----

Piedras River at Arboles, Colorado.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.
1.....		4.65	4.05	2.70	2.60	2.80	3.20	3.00
2.....		4.75	3.85	2.70	2.60	2.70	3.15	3.00
3.....		4.80	3.80	2.70	2.50	2.70	3.05	3.00
4.....		4.85	3.70	2.60	2.50	2.75	3.10	2.95
5.....		4.90	3.60	2.60	2.60	2.80	3.05	2.85
6.....		4.95	3.50	2.60	2.60	2.70	3.00	2.80
7.....		4.65	3.45	2.60	2.55	2.60	3.00	2.80
8.....		4.50	3.40	2.70	2.50	2.60	3.00	2.75
9.....		4.30	3.30	2.70	2.50	2.60	3.00	2.70
10.....		4.35	3.30	2.70	2.50	3.05	3.00	2.85
11.....		4.25	3.20	2.70	2.40	3.25	3.00	2.80
12.....	4.00	4.10	3.20	2.70	2.40	3.00	2.90	2.75
13.....	3.90	4.05	3.20	2.75	2.40	2.90	3.00	2.70
14.....	3.90	3.85	3.10	2.85	2.40	2.80	3.00	2.70
15.....	4.05	3.80	3.00	2.80	2.40	2.75	3.00	2.70
16.....	4.05	3.70	3.00	2.70	2.40	2.70	3.00	2.75
17.....	3.90	3.70	3.00	2.75	2.45	2.65	3.00	2.80
18.....	3.85	3.85	3.00	3.00	2.50	2.60	2.90	2.80
19.....	3.70	3.95	2.90	3.00	2.50	2.75	2.90	2.80
20.....	3.55	4.10	2.90	2.95	2.40	3.65	2.90	2.80
21.....	3.65	4.15	2.90	2.80	2.40	3.15	2.80	2.80
22.....	3.85	4.90	2.80	2.85	2.40	3.00	2.80	2.80
23.....	3.75	4.35	2.80	2.95	2.45	4.60	2.90	2.70
24.....	4.00	4.40	2.80	3.05	2.50	5.35	3.05	2.80
25.....	4.50	4.30	2.75	3.00	2.50	4.45	3.05	2.80
26.....	4.75	4.45	2.70	2.85	2.50	3.95	3.00	2.80
27.....	4.60	4.50	2.65	2.80	2.50	3.70	3.00	2.80
28.....	4.45	4.35	2.70	2.70	3.15	3.55	3.10	2.80
29.....	4.65	4.25	2.70	2.70	3.30	3.40	3.00	2.80
30.....	4.65	4.30	2.70	2.70	2.80	3.30	3.00	2.80
31.....	4.65	4.30	-----	2.65	2.90	-----	3.00	-----

Animas River at Durango, Colorado.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1		7.20	7.05	5.40	5.20	5.20	6.10	5.40	5.10
2		7.50	6.85	5.40	5.20	5.15	6.00	5.40	
3		7.65	6.85	5.30	5.20	5.50	5.95	5.40	5.20
4		7.70	6.85	5.30	5.15	5.10	5.90	5.30	
5		7.95	6.75	5.30	5.10	5.10	5.85	5.30	5.10
6		8.00	6.65	5.30	5.10	5.10	5.80	5.25	5.10
7		7.55	6.65	5.25	5.10	5.10	5.85	5.25	
8		7.30	6.55	5.25	5.10	5.10	5.70	5.20	
9		7.05	6.45	5.30	5.10	5.15	5.70	5.25	
10		7.10	6.40	5.30	5.10	5.40	5.65	5.25	5.00
11		6.90	6.25	5.45	5.05	5.90	5.60	5.30	
12	6.85	6.65	6.15	5.45	5.00	5.65	5.60	5.30	
13	6.15	6.40	6.15	5.45	5.00	5.60	5.65	5.25	5.10
14	6.25	6.40	6.10	5.50	5.00	5.55	5.70	5.25	
15	6.45	6.35	6.05	5.50	4.95	5.50	5.60	5.30	5.00
16	6.45	6.25	6.00	5.50	4.90	5.40	5.60	5.25	
17	6.40	6.25	5.95	5.55	4.90	5.40	5.60	5.30	
18	6.20	6.45	5.90	5.65	4.90	5.35	5.55	5.25	
19	6.20	6.65	5.80	5.70	4.90	5.40	5.50	5.30	5.10
20	6.15	6.95	5.80	5.55	4.90	6.35	5.50	5.30	
21	6.25	6.95	5.70	5.50	4.90	6.05	5.45	5.30	
22	6.35	7.15	5.70	5.45	4.90	5.90	5.60	5.25	5.10
23	6.55	7.30	5.65	5.50	4.90	8.40	5.50	5.20	
24	7.05	7.70	5.60	5.55	4.90	9.30	5.50	5.25	5.10
25	7.50	7.35	5.60	5.50	4.90	7.40	5.50	5.20	
26	7.90	7.80	5.55	5.40	4.80	6.90	5.40	5.20	5.20
27	7.75	7.75	5.50	5.40	4.80	6.65	5.45	5.15	
28	7.45	7.85	5.45	5.40	4.95	6.45	5.50	5.05	
29	7.20	7.65	5.50	5.35	5.25	6.20	5.50	5.10	
30	7.15	7.55	5.40	5.30	5.30	6.10	5.45	5.10	5.00
31		7.35		5.25	5.20		5.40		

Gila River at Buttes, Arizona.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.20	1.90	1.71	1.76	1.48	1.11	0.93	2.75	2.50	2.80	3.80	2.40
2	2.20	1.85	1.71	1.86	1.48	1.10	.90	3.70	2.38	4.70	3.65	2.38
3	2.20	1.80	1.72	1.87	1.47	1.09	.91	2.90	2.25	3.80	3.50	2.38
4	2.15	1.85	1.80	1.88	1.46	1.08	.91	4.40	2.38	5.20	3.30	2.35
5	2.10	1.85	1.79	1.90	1.44	1.07	.88	3.20	2.40	3.70	3.15	2.31
6	2.10	1.80	1.79	1.90	1.41	1.06	.86	3.60	2.25	3.80	3.05	2.30
7	2.00	1.80	1.73	1.89	1.40	1.04	.86	2.50	2.13	3.75	2.95	2.30
8	2.05	1.75	1.79	1.85	1.40	1.03	1.36	2.25	2.70	4.80	2.90	2.30
9	2.05	1.70	1.80	1.81	1.38	1.02	1.20	2.13	3.95	3.90	2.80	2.30
10	2.05	1.70	1.80	1.80	1.37	1.00	1.10	1.98	4.20	3.30	2.73	2.29
11	2.05	1.75	1.79	1.74	1.38	1.00	1.04	1.90	3.15	3.00	2.70	2.28
12	2.05	1.75	1.87	1.70	1.36	.99	1.29	2.00	2.85	3.25	2.65	2.28
13	2.00	1.70	1.88	1.70	1.34	.98	1.24	1.90	2.95	5.00	2.60	2.28
14	2.00	1.70	1.90	1.67	1.32	.97	1.20	1.74	2.95	9.35	2.60	2.27
15	2.00	1.70	1.91	1.64	1.31	.95	1.45	1.70	2.70	7.90	2.58	2.27
16	2.00	1.70	1.92	1.62	1.28	.93	4.50	1.86	2.56	6.90	2.55	2.29
17	1.95	1.70	1.91	1.62	1.27	.92	2.30	1.72	2.20	5.60	2.50	2.30
18	1.95	1.70	1.87	1.62	1.25	.91	2.10	1.85	2.23	4.80	2.50	2.30
19	1.95	1.70	1.86	1.61	1.24	.91	2.10	2.06	2.50	4.10	2.48	2.30
20	1.95	1.70	1.84	1.61	1.24	.91	3.00	2.22	3.43	3.70	2.46	2.28
21	1.95	1.70	1.81	1.60	1.23	.91	5.40	2.00	3.10	3.95	2.44	2.26
22	1.90	1.70	1.79	1.60	1.20	.91	8.10	2.50	2.80	3.30	2.42	2.24
23	1.85	1.74	1.75	1.58	1.21	.90	5.10	2.24	3.00	6.75	2.40	2.23
24	1.80	1.72	1.71	1.55	1.21	.89	9.30	2.41	2.35	5.50	2.38	2.22
25	1.80	1.72	1.71	1.53	1.20	.86	4.60	2.41	2.40	6.30	2.40	2.22
26	1.80	1.72	1.71	1.50	1.18	.90	3.00	2.20	2.25	6.50	2.46	2.23
27	1.80	1.72	1.70	1.50	1.16	1.32	2.80	2.18	2.38	5.50	2.53	2.23
28	1.80	1.72	1.70	1.51	1.15	1.10	2.50	2.10	2.32	6.60	2.50	2.23
29	1.90	1.72	1.68	1.50	1.14	.98	2.15	2.05	2.15	5.00	2.48	2.30
30	1.85		1.66	1.48	1.12	.96	2.10	3.70	2.05	4.60	2.44	2.30
31	1.90		1.70		1.12	.94	2.00	2.90		4.10		2.34

Colorado River at Yuma, Arizona.

Day.	Jan.	Feb.	Mar.	Apr.	May	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1....	18.25	19.00	19.08	19.42	20.00	21.83	21.25	19.83	19.83	22.08	19.42	18.92
2....	18.25	19.08	19.17	19.42	20.00	22.00	21.17	19.42	19.67	20.83	19.83	18.92
3....	18.17	19.17	19.25	19.83	21.50	22.50	21.00	19.50	19.67	20.00	19.17	19.00
4....	18.08	19.42	19.33	19.42	22.17	23.25	20.83	19.60	20.33	19.67	19.00	18.83
5....	18.00	19.25	19.42	19.42	22.42	23.50	20.67	19.60	20.67	19.33	18.83	18.83
6....	18.00	19.25	19.42	20.00	22.60	23.83	20.42	19.60	19.75	19.00	18.83	18.83
7....	18.00	19.17	19.42	20.00	22.33	23.92	20.42	19.75	19.60	19.50	18.75	18.83
8....	18.00	19.08	19.42	19.92	22.33	24.00	20.25	20.00	19.67	19.00	19.08	18.83
9....	18.00	18.92	19.42	19.83	22.25	24.08	20.25	19.92	19.42	18.67	18.92	18.92
10....	18.00	18.92	19.42	19.83	22.00	24.00	20.25	19.75	19.00	18.67	18.75	18.83
11....	18.00	18.83	19.42	19.75	22.25	23.83	20.25	19.75	18.83	18.67	18.75	18.67
12....	17.92	18.83	19.25	19.67	22.33	23.75	20.00	19.75	18.92	18.75	18.83	18.42
13....	17.92	18.83	19.17	19.75	22.42	23.42	20.00	19.50	19.33	18.67	18.75	18.08
14....	17.92	18.83	19.17	19.83	22.50	23.17	20.00	19.33	18.83	18.67	18.67	17.83
15....	18.00	18.83	19.17	19.67	22.60	22.92	20.00	19.25	18.60	18.60	18.50	17.75
16....	18.17	18.75	19.17	19.75	22.75	22.75	20.00	19.17	18.42	18.50	18.50	17.50
17....	18.17	18.67	19.17	19.75	22.75	22.75	20.00	19.00	18.42	19.00	18.50	17.42
18....	18.17	18.67	19.17	19.83	22.60	22.67	20.25	19.08	18.60	19.42	17.92	17.42
19....	18.17	18.60	19.08	20.00	22.33	22.42	20.33	19.42	18.83	18.83	18.42	17.50
20....	18.17	18.50	19.08	20.00	22.17	22.42	21.00	19.75	18.92	18.83	18.42	17.83
21....	18.00	18.50	19.08	19.92	21.92	22.17	20.33	19.00	18.60	18.75	18.42	18.00
22....	18.25	18.50	19.08	19.92	21.60	21.92	20.08	19.00	18.92	19.25	18.42	18.17
23....	18.42	18.67	19.00	19.83	21.33	21.92	20.67	19.00	19.33	20.00	18.33	18.25
24....	18.50	18.75	19.00	19.83	21.08	21.83	20.75	19.00	19.25	19.17	18.25	18.25
25....	18.50	18.75	19.00	19.83	20.83	21.67	20.67	18.75	19.50	19.67	18.33	18.33
26....	18.50	18.83	19.08	19.92	20.67	21.60	20.50	18.75	18.83	19.19	18.42	18.33
27....	18.50	18.92	19.17	20.00	20.50	21.50	20.60	19.00	18.42	19.33	18.50	18.42
28....	18.67	18.92	19.25	20.00	20.50	21.50	20.50	19.00	19.50	19.17	18.50	18.42
29....	18.75	18.92	19.33	20.00	20.75	21.33	20.50	18.75	23.17	19.33	18.83	18.50
30....	18.83	-----	19.50	19.00	20.67	21.25	20.83	18.42	24.50	19.17	18.83	18.50
31....	18.92	-----	19.50	-----	21.08	-----	20.75	18.42	-----	19.33	-----	18.50

Humboldt River at Elko, Nevada.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	2.17	2.40	-----	-----	3.60	5.30	5.50	2.60	2.00	1.95	2.00	2.35
2.....	2.15	2.45	-----	-----	3.65	5.90	5.40	2.60	2.00	1.97	2.00	2.35
3.....	2.14	2.45	-----	-----	3.50	6.50	5.20	2.60	2.00	1.97	2.00	2.35
4.....	2.15	2.30	-----	-----	3.50	7.35	5.00	2.55	2.00	1.98	2.00	2.40
5.....	2.15	2.47	-----	-----	3.50	7.30	4.55	2.50	2.00	1.98	2.00	2.40
6.....	2.17	2.47	-----	-----	3.55	7.50	4.50	2.45	2.00	2.00	2.00	2.40
7.....	2.00	2.30	-----	-----	3.60	7.70	4.45	2.40	1.97	2.00	2.00	2.40
8.....	2.00	2.34	2.35	-----	3.70	7.65	4.35	2.40	1.95	2.00	2.10	2.35
9.....	2.00	2.30	-----	-----	3.75	7.55	4.20	2.30	1.95	2.00	2.20	2.30
10....	2.00	2.47	-----	-----	3.80	7.55	4.15	2.27	1.93	2.00	2.20	2.35
11....	2.00	2.34	-----	3.45	3.90	7.10	3.95	2.25	1.93	2.00	2.25	2.40
12....	2.00	2.30	-----	3.45	4.15	7.20	3.90	2.25	1.93	2.00	2.25	2.45
13....	2.00	2.35	2.50	3.50	4.20	7.40	3.90	2.25	1.93	2.05	2.30	2.45
14....	2.00	2.30	-----	3.50	4.20	7.30	3.80	2.25	1.93	2.05	2.30	2.45
15....	2.00	2.30	-----	3.45	4.20	7.30	3.75	2.20	1.93	2.05	2.35	2.45
16....	2.17	2.34	-----	3.60	4.10	7.35	3.65	2.20	1.90	2.10	2.35	2.45
17....	2.15	2.20	-----	3.80	4.00	7.45	3.60	2.20	1.90	2.10	2.35	2.50
18....	2.10	2.20	-----	3.90	3.90	7.45	3.50	2.15	1.90	2.10	2.40	2.52
19....	2.14	2.20	-----	3.90	3.90	7.45	3.40	2.10	1.90	2.10	2.40	2.50
20....	2.27	2.20	-----	3.90	3.80	7.50	3.20	2.10	1.90	2.10	2.40	2.50
21....	2.27	2.20	2.70	3.90	3.70	7.55	3.20	2.10	1.90	2.10	2.40	2.50
22....	2.25	2.20	-----	3.95	3.60	7.40	3.10	2.10	1.90	2.10	2.40	2.45
23....	2.20	2.25	-----	3.90	3.50	7.20	2.95	2.10	1.93	2.10	2.40	2.45
24....	2.20	2.25	-----	3.80	3.55	7.10	2.90	2.10	1.90	2.15	2.40	2.45
25....	2.25	2.25	3.20	3.70	3.55	6.90	2.80	2.05	1.90	2.15	2.40	2.50
26....	2.25	2.30	-----	3.80	3.55	6.70	2.75	2.05	1.90	2.15	2.40	2.50
27....	2.25	2.30	-----	3.70	3.60	6.40	2.75	2.05	1.90	2.15	2.40	2.50
28....	2.24	2.30	3.50	3.75	3.70	6.10	2.70	2.05	1.90	2.15	2.40	2.45
29....	2.35	2.30	-----	3.75	3.95	5.90	2.70	2.05	1.90	2.15	2.40	2.45
30....	2.30	-----	-----	3.70	4.30	5.70	2.65	2.00	1.90	2.15	2.35	2.45
31....	2.35	-----	-----	-----	4.55	-----	2.60	2.00	-----	2.15	-----	2.50

α Observations discontinued from March 1 to April 11; gage taken by flood.

Humboldt River at Battle Mountain, Nevada.

Day.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1		8.15	2.10	0.80	0.80	1.40	1.90
2		8.10	2.00	.85	.80	1.40	1.90
3		8.10	1.90	.90	.80	1.45	1.90
4		8.05	1.80	.90	.80	1.45	1.90
5		7.50	1.75	.90	.80	1.50	1.85
6		7.30	1.70	.85	.80	1.50	1.80
7		7.10	1.60	.85	.80	1.50	1.80
8		6.80	1.50	.85	.80	1.50	1.80
9		6.40	1.45	.80	.85	1.55	1.85
10		6.00	1.40	.80	.85	1.60	1.85
11		5.60	1.40	.80	.85	1.70	1.90
12		5.30	1.35	.80	.85	1.70	1.90
13		5.00	1.30	.80	.85	1.70	1.90
14		4.80	1.25	.80	.85	1.65	1.90
15		4.60	1.20	.80	.90	1.65	2.00
16		4.40	1.15	.80	.90	1.70	2.00
17		4.20	1.15	.75	.95	1.70	2.00
18		4.10	1.10	.75	.95	1.70	2.00
19		4.00	1.05	.75	.95	1.70	2.00
20		3.80	1.00	.75	1.00	1.70	2.05
21		3.70	1.00	.75	1.10	1.75	2.05
22		3.60	1.00	1.10	1.10	1.75	2.05
23		3.50	.95	1.00	1.15	1.80	2.10
24		3.30	.95	.90	1.15	1.80	2.10
25		3.10	.90	.90	1.20	1.80	2.10
26		3.00	.90	.85	1.20	1.80	2.10
27		2.80	.90	.85	1.30	1.80	2.10
28		2.70	.85	.85	1.35	1.80	2.15
29		8.20	2.60	.85	1.35	1.85	2.15
30		8.20	2.40	.80	1.40	1.85	2.15
31			2.30	.80	1.40		2.20

Humboldt River at Golconda, Nevada.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.65	1.50	0.50	0.30	2.65	4.00	7.40	3.00	0.70	0.30	0.95	1.60
2	.63	1.50	.50	.35	2.70	4.00	7.40	2.90	.70	.30	1.00	1.60
3	.60	1.60	.50	.40	2.70	4.30	7.30	2.80	.60	.35	1.00	1.60
4	.58	1.75	.50	.50	2.70	4.50	7.20	2.60	.60	.40	1.00	1.70
5	.50	1.70	.50	.70	2.70	4.60	7.00	2.50	.50	.40	1.10	1.70
6	.50	1.70	.50	.80	2.80	4.80	6.90	2.40	.50	.50	1.10	1.70
7	.55	1.65	.50	1.60	2.90	4.90	6.60	2.20	.45	.60	1.20	1.80
8	.53	1.70	.50	2.00	3.20	4.90	6.50	2.20	.40	.60	1.20	1.80
9	.53	1.40	.50	2.40	3.20	4.90	6.10	2.10	.40	.60	1.25	1.80
10	.58	1.60	.55	2.10	3.20	5.00	5.80	2.10	.35	.60	1.20	1.85
11	.58	1.70	.60	2.00	3.30	5.30	5.80	2.00	.35	.60	1.20	1.85
12	.55	1.70	.55	1.90	3.30	5.75	5.50	1.90	.30	.60	1.30	1.80
13	.58	1.60	.50	1.70	3.30	5.70	5.20	1.80	.30	.60	1.40	1.90
14	.58	1.50	.50	1.60	3.30	5.90	5.00	1.80	.25	.60	1.50	1.90
15	.60	1.40	.50	1.50	3.30	6.00	4.95	1.60	.25	.60	1.50	2.00
16	.60	1.40	.50	1.55	3.30	6.10	4.85	1.50	.25	.60	1.60	2.00
17	.60	1.35	.40	1.60	3.30	6.40	4.80	1.50	.25	.60	1.60	2.00
18	.65	1.87	.30	1.90	3.35	6.70	4.70	1.40	.20	.60	1.60	2.10
19	.70	1.37	.20	1.70	3.40	6.70	4.50	1.35	.20	.70	1.60	2.10
20	.78	1.25	.20	1.70	3.45	6.80	4.30	1.30	.20	.70	1.60	2.15
21	.85	1.20	.20	2.10	3.40	6.90	4.00	1.20	.20	.70	1.60	2.20
22	.85	1.15	.20	2.00	3.45	6.90	3.90	1.05	.20	.70	1.60	2.20
23	1.05	1.00	.20	2.00	3.50	7.00	3.90	1.00	.20	.70	1.70	2.20
24	1.70	1.00	.20	2.20	3.50	7.00	3.60	1.00	.30	.70	1.70	2.20
25	1.10	.90	.40	2.30	3.50	7.10	3.50	1.00	.30	.75	1.70	2.20
26	1.00	.80	.75	2.30	3.50	7.10	3.50	.90	.30	.80	1.70	2.20
27	1.30	.85	.75	2.40	3.50	7.20	3.40	.80	.30	.80	1.60	2.00
28	1.35	.75	.50	2.50	3.50	7.20	3.40	.80	.30	.80	1.50	2.10
29	1.40	.60	.35	2.60	3.70	7.30	3.40	.75	.30	.90	1.50	2.15
30	1.50		.35	2.60	3.80	7.40	3.10	.70	.30	.90	1.55	2.20
31	1.50		.30		3.90		3.00	.70		.90		2.20

Humboldt River at Oreana, Nevada.

Day.	Jan.	Feb.	Mar.	Apr.	May	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.72	2.80	2.40	2.04	3.80	7.10	4.70	3.20	2.45	.....	.....
2	2.72	2.80	2.40	2.04	3.70	7.10	4.70	3.20	2.40	.....	.....
3	2.72	2.70	2.40	2.04	3.60	7.20	4.60	3.20	2.40	.....	.....
4	2.73	2.70	2.30	2.04	3.50	7.30	4.45	3.10	2.30	.....	.....
5	2.73	2.50	2.30	2.04	3.40	7.40	4.40	3.10	2.20	.....	.....
6	2.78	2.70	2.30	2.04	3.30	7.50	4.30	3.10	2.15	.....	3.20
7	2.80	2.70	2.30	2.04	3.35	7.50	4.20	3.00	2.10	2.40	.....
8	2.80	2.60	2.20	2.04	3.50	7.50	4.15	2.90	2.10	.....	.....
9	2.80	2.60	2.05	2.04	3.50	7.60	4.10	2.80	2.05	.....	.....
10	2.80	2.60	2.05	2.05	4.20	7.65	4.10	2.70	2.05	.....	.....
11	2.80	2.60	2.05	2.05	4.50	7.60	4.00	2.70	2.05	.....	.....
12	2.80	2.60	2.04	2.06	4.60	7.50	4.00	2.70	2.05	.....	2.70
13	2.80	2.60	2.04	2.06	4.70	7.30	3.90	2.70	2.05	.....	.....
14	2.81	2.60	2.04	2.07	4.80	7.10	3.80	2.65	2.00	.....	.....
15	2.85	2.50	2.04	2.08	4.80	6.90	3.80	2.65	2.00	.....	.....
16	2.81	2.50	2.04	2.09	4.90	6.70	3.70	2.65	2.00	.....	.....
17	2.81	2.50	2.03	2.10	5.10	6.60	3.60	2.60	1.95	.....	.....
18	2.82	2.50	2.03	2.10	5.20	6.40	3.60	2.60	1.95	.....	.....
19	2.83	2.50	2.03	2.10	5.40	6.30	3.50	2.60	1.90	.....	2.80
20	2.84	2.50	2.03	2.80	5.70	6.10	3.40	2.55	1.90	.....	.....
21	2.84	2.50	2.03	3.20	5.70	6.00	3.50	2.55	2.20	.....	.....
22	2.85	2.50	2.03	3.40	5.90	5.80	3.40	3.10	2.25	.....	.....
23	2.83	2.50	2.03	3.70	6.10	5.70	3.30	3.00	2.25	.....	.....
24	2.82	2.60	2.03	4.90	6.20	5.60	3.30	2.90	2.20	.....	.....
25	2.81	2.60	2.03	4.80	6.30	5.40	3.20	2.60	2.20	.....	.....
26	2.81	2.60	2.03	4.60	6.50	5.30	3.10	2.60	2.60	.....	2.80
27	2.70	2.81	2.65	2.04	4.50	6.50	5.20	3.00	2.55	2.50	.....	.....
28	2.70	2.81	2.65	2.04	4.25	6.60	5.10	3.10	2.55	2.40	.....	.....
29	2.70	2.80	2.55	2.04	4.05	6.80	5.10	3.20	2.50	2.40	.....	.....
30	2.71	.....	2.40	2.04	3.95	6.90	5.00	3.20	2.50	2.40	.....	.....
31	2.72	.....	2.40	.....	3.95	.....	4.90	3.20	.....	2.40	.....	.....

Rock Creek at Battle Mountain, Nevada.

Day.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.
1	.....	1.90	3.97	2.70	5.90	2.73	1.80
2	.....	1.70	3.50	2.75	5.70	2.70	.....
3	.....	1.77	3.35	2.85	5.50	2.68	.....
4	.....	1.80	3.27	2.85	5.15	2.65	.....
5	.....	1.75	3.22	2.95	4.95	2.63	.....
6	.....	2.05	2.80	3.05	4.65	2.60	.....
7	.....	1.92	2.60	3.10	4.40	2.58	.....
8	.....	1.90	2.55	3.10	4.10	2.55	.....
9	.....	2.05	2.55	3.15	3.85	2.50	.....
10	.....	2.02	2.50	3.20	3.75	2.50	.....
11	.....	2.05	2.40	3.35	3.50	2.50	.....
12	1.85	2.00	2.30	3.50	3.25	2.45	.....
13	1.80	2.02	2.35	3.65	3.10	2.40	.....
14	1.80	2.14	2.57	3.85	3.08	2.40	.....
15	1.85	2.15	2.82	4.10	3.05	2.35	.....
16	1.80	1.97	2.55	4.20	3.00	2.35	.....
17	1.75	2.10	2.50	4.35	3.00	2.30	.....
18	1.75	2.35	2.47	4.60	2.95	2.25	.....
19	1.80	2.55	2.55	4.95	2.93	2.20	.....
20	1.77	2.80	2.50	5.10	2.86	2.15	.....
21	1.80	3.65	2.50	5.15	2.88	2.10	.....
22	1.80	3.32	2.50	5.20	2.88	2.00	.....
23	1.80	3.37	2.57	5.25	2.85	2.00	.....
24	1.75	3.45	2.50	5.55	2.83	1.95	.....
25	1.85	3.65	2.50	5.80	2.83	1.90	.....
26	1.80	3.85	2.70	5.88	2.80	1.90	.....
27	1.87	4.40	2.65	5.95	2.78	1.85	.....
28	1.92	5.20	2.60	6.00	2.75	1.85	.....
29	1.92	4.60	2.60	6.00	2.75	1.80	.....
30	.....	4.25	2.68	6.10	2.75	1.80	.....
31	.....	4.00	.....	6.15	.....	1.80	.....

South Fork of Humboldt River at Masons Ranch, Nevada.

Day.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	Aug.	Sept.	Oct.	Nov.	Dec.
1		1.00	0.95	1.10	1.10	17		0.80	1.00	1.15	1.40
2		.95	.95	1.10	1.10	18		.80	1.00	1.20	1.30
3		.90	.95	1.10	1.15	19		.80	1.00	1.20	1.30
4		.90	.95	1.10	1.15	20		.80	1.00	1.20	1.30
5		.90	.95	1.10	1.20	21		.80	1.00	1.20	1.20
6		.90	.95	1.10	1.20	22		.90	1.00	1.20	1.20
7		.90	.95	1.10	1.30	23		.90	1.00	1.15	1.20
8		.90	.95	1.10	1.30	24		.95	1.00	1.15	1.10
9		.85	.95	1.10	1.40	25		.95	1.00	1.10	1.10
10		.85	.95	1.10	1.40	26		.95	1.00	1.10	1.00
11		.85	.95	1.15	1.50	27		.95	1.00	1.00	1.00
12		.85	.95	1.15	1.60	28		.95	1.00	1.00	1.00
13		.85	.95	1.15	1.60	29		.95	1.05	1.00	1.00
14		.85	.95	1.15	1.50	30	1.00	.95	1.05	1.00	1.00
15		.85	.95	1.15	1.50	31	1.00		1.05		1.00
16		.80	.95	1.15	1.40						

Bear River at Soda Springs, Idaho.

Day.	May.	June.	July.	Aug.	Sept.	Oct.	Day.	May.	June.	July.	Aug.	Sept.	Oct.
1				5.90			17		8.20	5.90	5.30		
2		7.53			5.40	5.35	18					5.30	
3				5.85			19		8.00		5.40		
4				5.80	5.35		20		7.90	5.85			
5		7.70	7.40		5.30		21				5.40	5.30	
6			7.30	5.70			22		7.80	5.80	5.40		
7		7.93	7.00	5.65	5.30		23					5.35	
8			6.90				24		7.70	5.80	5.45		
9		8.40	6.60		5.30		25	6.50				5.40	
10		8.32	6.30	5.60			26	6.52	7.60		5.40		
11			6.00		5.30		27			5.80			
12				5.50			28				5.40	5.35	
13		8.30	6.00				29			5.80	5.40		
14			6.00	5.50	5.30		30	7.10				5.35	
15		8.40	5.90	5.40			31			5.95	5.40		
16					5.30								

Bear River at Battle Creek, Idaho.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.40	1.30	1.40	2.30	2.70	4.45	3.60	2.10	1.60	1.60	1.70	2.60
2	1.40	1.30	1.40	2.40	2.80	4.65	3.45	2.10	1.60	1.60	1.70	1.90
3	1.40	1.30	1.40	2.50	2.80	4.70	3.25	2.00	1.60	1.60	1.70	1.90
4	1.40	1.30	1.40	2.60	2.80	4.70	3.10	2.00	1.60	1.60	1.80	1.90
5	1.40	1.30	1.40	2.60	2.80	4.80	2.95	2.00	1.60	1.60	1.80	1.90
6	1.40	1.30	1.40	2.70	2.90	4.90	2.80	1.90	1.60	1.60	1.80	
7	1.40	1.30	1.40	2.80	2.90	4.80	2.70	1.90	1.60	1.60	1.80	
8	1.40	1.30	1.40	2.80	3.00	5.05	2.70	1.80	1.60	1.60	1.80	
9	1.40	1.30	1.40	2.80	3.00	5.15	2.60	1.80	1.60	1.60	1.80	
10	1.40	1.30	1.40	2.70	3.00	5.45	2.60	1.80	1.60	1.60	1.80	
11	1.40	1.30	1.40	2.70	3.00	5.60	2.50	1.80	1.60	1.60	1.70	
12	1.40	1.30	1.40	2.70	3.00	5.50	2.50	1.80	1.60	1.60	1.70	
13	1.40	1.40	1.40	2.70	3.00	5.35	2.40	1.70	1.60	1.60	1.70	
14	1.40	1.40	1.40	2.70	3.00	5.20	2.40	1.70	1.60	1.60	1.70	
15	1.40	1.40	1.40	2.70	3.00	5.10	2.40	1.70	1.60	1.60	1.70	
16	1.40	1.40	1.40	2.70	3.00	5.00	2.30	1.70	1.60	1.60	1.70	1.80
17	1.40	1.40	1.40	2.70	3.00	5.00	2.30	1.70	1.60	1.60	1.80	
18	1.40	1.40	1.40	2.70	2.90	4.90	2.20	1.70	1.60	1.60	1.80	
19	1.40	1.40	1.50	2.70	2.90	4.80	2.20	1.70	1.60	1.60	1.80	
20	1.40	1.40	1.50	2.70	2.80	4.80	2.20	1.70	1.60	1.60	1.90	
21	1.40	1.40	1.50	2.70	2.80	4.70	2.20	1.70	1.60	1.60	1.90	
22	1.40	1.40	1.60	2.60	2.70	4.60	2.10	1.70	1.60	1.60	1.90	
23	1.40	1.40	1.70	2.60	2.70	4.50	2.10	1.70	1.60	1.60	1.90	1.80
24	1.40	1.40	1.70	2.60	2.80	4.50	2.10	1.70	1.60	1.60	1.90	
25	1.40	1.40	1.80	2.60	2.90	4.40	2.10	1.70	1.60	1.60	1.90	
26	1.40	1.40	1.90	2.60	3.05	4.30	2.10	1.70	1.60	1.60	2.60	
27	1.40	1.40	2.00	2.60	3.25	4.20	2.10	1.70	1.60	1.70	2.60	
28	1.40	1.40	2.10	2.70	3.50	4.05	2.10	1.70	1.60	1.70	2.60	
29	1.40	1.40	2.10	2.70	3.60	3.85	2.10	1.70	1.60	1.70	2.60	
30	1.30		2.20	2.70	4.05	3.70	2.10	1.60	1.60	1.70	2.60	
31	1.30		2.30		4.25		2.10	1.60		1.70		

Bear River at Collinston, Utah.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	1.90	1.80	1.70	3.20	3.60	5.60	4.15	2.30	1.80	2.00	2.00	.....
2.....	1.90	1.80	1.70	3.30	3.60	5.90	3.95	2.30	1.80	1.95	2.00	2.30
3.....	1.90	1.80	1.70	3.10	3.75	5.90	3.75	2.30	1.80	1.95	2.00	.....
4.....	1.95	1.70	1.70	3.00	3.75	6.05	3.55	2.30	1.80	1.95	2.00	2.20
5.....	1.90	1.70	1.70	3.00	3.85	6.15	3.40	2.30	1.80	1.95	2.05	.....
6.....	1.90	1.70	1.70	3.10	3.95	6.30	3.20	2.20	1.80	1.90	2.05	.....
7.....	1.90	1.70	1.70	3.10	4.00	6.30	3.10	2.20	1.75	1.90	2.05	.....
8.....	1.90	1.70	1.70	3.20	4.00	6.20	3.00	2.20	1.75	1.90	2.05	.....
9.....	1.90	1.70	1.70	3.30	4.10	6.30	2.90	2.10	1.80	1.90	2.05	.....
10.....	1.90	1.70	1.70	3.30	4.10	6.40	2.80	2.00	1.80	1.90	2.10	.....
11.....	1.90	1.70	1.70	3.30	4.00	6.40	2.70	2.00	1.80	1.90	2.15	.....
12.....	1.90	1.70	1.70	3.40	3.95	6.40	2.70	1.95	1.80	1.90	2.20	.....
13.....	1.90	1.70	1.70	3.40	3.80	6.40	2.60	1.90	1.85	1.90	2.10	.....
14.....	2.00	1.70	1.70	3.50	3.75	6.55	2.55	1.85	1.90	1.90	2.00	.....
15.....	2.00	1.70	1.70	3.50	3.60	6.55	2.50	1.80	1.90	1.90	2.00	2.20
16.....	2.00	1.70	1.70	3.50	3.60	6.30	2.50	1.80	1.85	1.90	2.00	.....
17.....	2.10	1.70	1.70	3.50	3.60	6.00	2.50	1.75	1.85	1.90	2.05	.....
18.....	2.10	1.70	1.70	3.60	3.50	5.90	2.50	1.70	1.85	1.90	2.10	2.00
19.....	2.20	1.70	1.70	3.35	3.50	5.80	2.50	1.70	1.80	1.90	2.10	.....
20.....	2.30	1.70	1.70	3.25	3.40	5.70	2.40	1.75	1.80	1.90	2.10	.....
21.....	2.30	1.70	1.70	3.15	3.40	5.60	2.30	1.80	1.80	1.90	2.10	.....
22.....	2.20	1.70	1.70	3.10	3.40	5.50	2.20	1.90	1.85	1.90	2.15	.....
23.....	2.10	1.70	1.90	3.10	3.40	5.40	2.20	1.90	1.90	1.90	2.20	.....
24.....	2.00	1.70	2.00	3.20	3.65	5.35	2.10	1.85	1.90	1.90	2.25	.....
25.....	2.00	1.70	2.10	3.20	3.90	5.20	2.20	1.80	1.90	1.90	2.30	.....
26.....	1.70	1.70	2.20	3.10	4.10	5.10	2.25	1.85	1.95	1.90	2.30	.....
27.....	1.70	1.70	2.30	3.30	4.45	4.80	2.30	1.85	1.95	1.90	2.30	.....
28.....	1.70	1.70	2.40	3.40	4.65	4.80	2.25	1.90	1.95	2.00	2.30	2.20
29.....	1.70	1.70	2.70	3.40	4.85	4.60	2.20	1.90	2.00	2.00	.....	.....
30.....	1.70	.....	2.90	3.50	4.95	4.40	2.20	1.85	2.00	2.00	2.30	2.20
31.....	1.70	.....	3.00	.....	5.20	.....	2.20	1.80	.....	2.00	.....	.....

Logan River at Logan, Utah.

Day.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	4.80	3.85	3.10	2.80	2.70	2.65	2.60
2.....	.....	3.80	3.10	2.80	2.70	2.60	2.55
3.....	.....	3.75	3.10	2.80	2.70	2.60	2.55
4.....	4.70	3.70	3.10	2.80	2.70	2.60	2.55
5.....	.....	3.75	3.05	2.80	2.70	2.60	2.55
6.....	4.90	3.75	3.05	2.75	2.70	2.60	2.55
7.....	.....	3.70	3.05	2.75	2.70	2.55	2.50
8.....	.....	3.65	3.00	2.80	2.70	2.60	2.55
9.....	4.70	3.60	2.95	2.75	2.70	2.70	.....
10.....	4.70	3.55	2.95	2.75	2.65	2.65	2.55
11.....	.....	3.55	2.95	2.75	2.65	2.60	.....
12.....	4.65	3.50	2.95	2.75	2.65	2.60	.....
13.....	4.60	3.55	2.95	2.75	2.65	2.60	.....
14.....	4.60	3.50	2.90	2.75	2.65	2.60	.....
15.....	4.60	3.45	2.90	2.75	2.65	2.55	.....
16.....	4.65	3.45	2.90	2.75	2.65	2.55	.....
17.....	4.65	3.40	2.90	2.75	2.65	2.55	.....
18.....	4.65	3.40	2.90	2.70	2.65	2.55	.....
19.....	4.55	3.35	2.90	2.75	2.65	2.55	2.45
20.....	4.55	3.30	3.00	2.75	2.65	2.55	.....
21.....	4.45	3.30	3.00	2.75	2.65	2.55	.....
22.....	4.40	3.25	3.00	2.75	2.65	2.55	.....
23.....	4.30	3.25	2.95	2.75	2.65	2.55	.....
24.....	4.25	3.25	2.90	2.75	2.65	2.55	.....
25.....	4.15	3.20	2.90	2.75	2.65	2.55	2.45
26.....	4.10	3.20	2.85	2.75	2.65	2.55	.....
27.....	4.05	3.15	2.85	2.75	2.65	2.55	.....
28.....	4.00	3.15	2.85	2.70	2.65	2.40	.....
29.....	3.90	3.15	2.85	2.70	2.60	2.55	.....
30.....	3.85	3.15	2.85	2.70	2.60	2.55	.....
31.....	.....	3.10	2.85	.....	2.60	.....	.....

Ogden River at Eden, Utah.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.48	1.67	1.70	3.11	5.50	10.30	2.35	1.85	1.61	1.61	1.62	-----
2	1.49	1.67	1.70	-----	5.90	10.20	2.25	1.80	1.60	1.60	1.63	-----
3	1.54	1.64	1.68	3.15	5.90	10.20	2.20	1.80	1.60	1.60	1.63	1.60
4	1.54	1.62	-----	-----	6.20	9.70	2.20	1.80	1.60	1.60	1.63	-----
5	1.52	1.62	1.65	-----	7.00	8.90	2.19	1.79	1.60	1.60	1.63	-----
6	1.50	1.62	-----	3.60	7.50	8.60	2.13	1.75	1.61	1.60	1.63	-----
7	1.40	1.63	-----	-----	6.80	8.00	2.15	1.73	1.61	1.60	1.63	-----
8	1.43	1.67	1.65	4.00	6.40	7.50	2.00	1.70	1.62	1.60	1.63	-----
9	1.45	1.70	-----	-----	6.70	6.90	1.90	1.69	1.64	1.60	2.45	-----
10	1.44	1.70	-----	-----	6.30	6.70	1.93	1.65	1.64	1.60	2.00	1.60
11	1.45	1.70	1.66	-----	5.80	6.00	1.90	1.63	1.65	1.60	1.83	-----
12	1.45	1.69	-----	3.80	6.20	5.50	1.89	1.63	1.65	1.60	1.80	-----
13	1.45	1.69	-----	-----	5.65	5.20	1.95	1.62	1.65	1.60	1.78	-----
14	1.45	1.67	1.65	8.50	5.45	4.90	2.00	1.60	1.65	1.60	1.77	-----
15	1.46	1.64	-----	-----	5.20	4.70	2.10	1.60	1.64	1.60	1.70	-----
16	1.48	1.63	-----	-----	4.80	4.40	2.00	1.60	1.64	1.60	1.71	1.65
17	1.54	1.61	1.67	5.30	4.85	4.10	2.00	1.60	1.63	1.60	1.73	-----
18	1.60	1.61	-----	5.20	4.65	4.00	1.95	1.60	1.60	1.60	1.77	-----
19	1.71	1.61	-----	4.80	4.60	3.80	1.90	1.57	1.60	1.60	1.76	-----
20	1.69	1.62	-----	4.50	4.50	3.50	1.85	1.64	1.60	1.60	1.75	-----
21	1.80	1.62	1.85	4.35	4.70	3.25	1.85	1.61	1.60	1.60	1.75	-----
22	2.00	1.62	-----	4.50	5.60	3.15	1.85	1.63	1.61	1.60	-----	-----
23	1.85	1.63	-----	4.40	7.30	2.90	1.85	1.63	1.63	1.60	-----	-----
24	1.80	1.63	2.80	4.50	8.60	2.70	1.85	1.63	1.62	1.60	-----	1.60
25	1.73	1.64	-----	5.20	8.50	2.55	1.85	1.63	1.61	1.60	-----	-----
26	1.73	1.64	4.50	6.20	9.20	2.55	1.85	1.62	1.61	1.60	-----	-----
27	1.71	1.65	7.50	6.50	10.00	2.88	1.80	1.62	1.60	1.61	-----	-----
28	1.70	1.70	5.70	5.60	10.50	2.48	1.78	1.61	1.60	1.62	-----	-----
29	1.68	1.70	-----	5.40	10.50	2.38	1.75	1.62	1.61	1.62	1.50	-----
30	1.68	-----	4.15	6.10	11.20	2.30	1.80	1.62	1.61	1.62	1.50	-----
31	1.67	-----	-----	-----	11.00	-----	1.90	1.61	-----	1.62	-----	2.60

Weber River at Unta, Utah.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.60	1.70	1.70	2.10	3.40	8.75	2.00	1.86	1.30	1.40	1.60	-----
2	1.70	1.70	1.70	2.25	3.30	8.50	1.93	1.90	1.30	1.40	1.70	-----
3	1.70	1.70	1.70	2.35	3.35	7.80	1.85	1.90	1.30	1.40	1.80	-----
4	1.70	1.70	1.70	2.45	3.55	7.30	1.78	1.80	1.30	1.40	1.80	-----
5	1.70	1.70	1.70	2.55	3.90	7.05	1.71	1.70	1.30	1.40	1.80	1.70
6	1.70	1.70	1.70	2.65	4.55	6.70	1.71	1.60	1.30	1.40	1.80	-----
7	1.70	1.70	1.70	2.85	4.45	5.75	1.71	1.60	1.30	1.40	1.80	-----
8	1.70	1.70	1.70	2.95	4.40	5.95	1.71	1.50	1.30	1.40	1.90	1.70
9	1.70	1.70	1.70	3.00	4.30	6.25	1.64	1.40	1.30	1.40	2.00	-----
10	1.70	1.70	1.70	2.85	2.95	5.90	1.57	1.30	1.30	1.40	2.00	-----
11	1.70	1.70	1.70	2.65	2.85	5.50	1.49	1.20	1.30	1.40	2.00	-----
12	1.70	1.70	1.70	2.50	3.55	5.15	1.49	1.10	1.30	1.40	2.00	1.70
13	1.70	1.70	1.80	4.10	3.60	4.75	1.49	1.10	1.30	1.40	2.00	-----
14	1.70	1.70	1.90	4.40	3.35	4.65	1.71	1.00	1.30	1.40	2.00	1.60
15	1.70	1.70	1.90	4.40	2.95	4.40	1.64	1.00	1.30	1.40	1.90	-----
16	1.70	1.70	2.00	3.55	3.00	3.75	1.49	1.00	1.30	1.40	1.80	-----
17	1.70	1.70	2.15	3.10	2.80	3.19	1.49	1.00	1.30	1.40	1.70	-----
18	1.70	1.70	2.30	2.55	2.80	3.10	1.49	1.00	1.30	1.60	1.70	1.60
19	1.70	1.70	2.55	2.65	2.70	3.10	1.93	1.00	1.30	1.60	1.70	-----
20	1.70	1.70	2.75	2.70	2.70	3.01	2.00	1.00	1.50	1.60	1.70	-----
21	1.70	1.70	2.90	2.80	2.85	2.84	2.00	1.00	1.30	1.60	1.70	-----
22	1.70	1.70	3.10	2.85	2.90	2.66	2.00	1.00	1.30	1.60	1.70	-----
23	1.70	1.70	3.25	2.60	2.90	2.57	2.00	1.30	1.30	1.60	1.70	-----
24	1.70	1.70	2.95	2.60	4.85	2.48	2.00	1.30	1.30	1.60	1.70	1.50
25	1.70	1.70	2.90	2.60	5.70	2.48	1.93	1.30	1.30	1.60	1.80	-----
26	1.70	1.70	2.75	2.75	6.50	2.66	1.93	1.30	1.30	1.60	1.80	-----
27	1.70	1.70	2.65	2.95	6.95	2.22	1.93	1.30	1.30	1.60	1.70	-----
28	1.70	1.70	2.55	3.15	7.95	2.22	1.86	1.30	1.40	1.60	1.70	-----
29	1.70	1.70	2.45	3.35	8.10	2.14	1.86	1.30	1.40	1.60	1.70	1.50
30	1.70	-----	2.45	3.50	8.20	2.07	1.86	1.30	1.40	1.60	1.70	-----
31	1.70	-----	2.40	-----	8.80	-----	1.86	1.30	-----	1.60	-----	-----

a New gage put in August 23.

Provo River at Provo Canyon, Utah.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	4.20	4.30	4.20	4.50	4.80	7.30	4.50	4.40	4.20	4.30	4.30	-----
2.....	4.10	4.20	4.20	4.50	4.80	7.30	4.40	4.40	4.20	4.30	4.80	-----
3.....	4.10	4.20	4.20	4.50	4.80	7.80	4.30	4.40	4.20	4.30	4.30	-----
4.....	4.10	4.20	4.20	4.50	4.90	7.60	4.30	4.30	4.20	4.30	4.30	-----
5.....	4.20	4.20	4.20	4.50	5.00	7.30	1.30	4.30	4.20	4.30	4.30	4.40
6.....	4.20	4.20	4.20	4.50	5.20	6.90	4.30	4.30	4.20	4.30	4.30	-----
7.....	4.20	4.20	4.20	4.50	5.40	6.90	4.30	4.20	4.20	4.30	4.30	-----
8.....	4.20	4.20	4.20	4.50	5.40	6.90	4.20	4.20	4.20	4.30	4.60	-----
9.....	4.20	4.20	4.20	4.40	5.50	6.80	4.20	4.20	4.20	4.30	4.60	-----
10.....	4.20	4.20	4.20	4.40	5.30	6.80	4.20	4.20	4.20	4.30	4.60	-----
11.....	4.20	4.20	4.20	4.30	5.30	6.60	4.20	4.20	4.20	4.30	4.60	-----
12.....	4.20	4.20	4.20	5.30	5.20	6.50	4.20	4.20	4.20	4.30	4.50	4.40
13.....	4.20	4.30	4.20	5.80	5.20	6.50	4.20	4.20	4.20	4.30	4.50	-----
14.....	4.20	4.30	4.20	5.90	4.90	6.20	4.20	4.20	4.20	4.30	4.50	-----
15.....	4.20	4.30	4.30	5.80	4.70	6.00	4.30	4.20	4.20	4.30	4.40	-----
16.....	4.20	4.20	4.30	5.30	4.70	5.80	4.30	4.20	4.20	4.30	4.40	-----
17.....	4.30	4.20	4.30	4.70	4.70	5.60	4.30	4.20	4.20	4.30	4.40	-----
18.....	4.30	4.20	4.40	4.70	4.70	5.00	4.30	4.20	4.20	4.30	4.40	-----
19.....	4.40	4.20	4.40	4.60	4.70	4.80	4.20	4.20	4.20	4.30	4.40	4.40
20.....	4.40	4.20	4.40	4.60	4.70	4.60	4.20	4.20	4.30	4.30	4.40	-----
21.....	4.50	4.20	4.50	4.60	4.70	4.60	4.30	4.20	4.30	4.30	4.40	-----
22.....	4.50	4.20	4.60	4.60	4.70	4.90	4.30	4.20	4.30	4.30	4.50	-----
23.....	4.40	4.20	4.60	4.60	4.70	4.80	4.80	4.20	4.30	4.30	4.50	-----
24.....	4.30	4.20	4.60	4.60	5.90	4.80	4.70	4.20	4.30	4.30	4.50	-----
25.....	4.30	4.20	4.70	4.60	5.60	4.70	4.50	4.20	4.30	4.30	4.50	-----
26.....	4.30	4.20	4.70	4.70	6.00	4.60	4.50	4.20	4.30	4.30	4.50	4.40
27.....	4.30	4.20	4.80	4.70	6.20	4.60	4.50	4.20	4.30	4.30	4.40	-----
28.....	4.30	4.20	4.90	4.70	6.50	4.60	4.50	4.20	4.30	4.30	4.40	-----
29.....	4.30	4.20	4.60	4.70	7.00	4.60	4.50	4.20	4.30	4.30	-----	-----
30.....	4.30	-----	4.60	4.80	7.80	4.50	4.50	4.20	4.30	4.30	-----	-----
31.....	4.30	-----	4.60	-----	8.50	-----	4.50	4.20	-----	4.30	-----	-----

Portneuf River at McCammon, Idaho.

Day.	Apr.	May.	June.	July.	Day.	Apr.	May.	June.	July.	Day.	Apr.	May.	June.	July.
1.....	-----	3.50	4.50	3.25	12.....	-----	3.83	4.17	3.00	23.....	3.46	3.50	3.58	-----
2.....	-----	3.50	4.50	3.08	13.....	-----	3.75	4.08	2.92	24.....	3.50	3.88	3.58	-----
3.....	-----	3.50	4.46	3.08	14.....	3.50	3.75	4.08	3.00	25.....	3.50	4.00	3.54	-----
4.....	-----	3.58	4.42	3.00	15.....	3.67	3.58	4.00	3.00	26.....	3.50	4.08	3.50	-----
5.....	-----	3.63	4.50	3.00	16.....	3.67	3.58	4.00	3.00	27.....	3.46	4.17	3.46	-----
6.....	-----	3.83	4.42	3.00	17.....	3.67	3.50	4.04	3.00	28.....	3.58	4.25	3.42	-----
7.....	-----	3.92	4.42	2.92	18.....	3.50	3.50	4.00	3.00	29.....	3.58	4.25	3.33	-----
8.....	-----	3.83	4.25	2.92	19.....	3.50	3.50	4.00	-----	30.....	3.50	4.29	3.25	-----
9.....	-----	3.92	4.25	2.88	20.....	3.50	3.54	3.92	-----	31.....	-----	4.50	-----	-----
10.....	-----	3.92	4.25	2.88	21.....	3.50	3.54	3.83	-----					
11.....	-----	3.92	4.25	2.88	22.....	3.46	3.50	3.83	-----					

Malad River at Taponis, Idaho.

Day.	June.	July.	Aug.	Sept.	Day.	June.	July.	Aug.	Sept.	Day.	June.	July.	Aug.	Sept.
1.....	-----	-----	-----	1.80	12.....	8.00	-----	-----	-----	23.....	8.60	-----	-----	-----
2.....	9.40	7.20	-----	-----	14.....	8.60	5.60	1.80	-----	24.....	-----	7.67	-----	-----
4.....	-----	-----	2.30	1.60	15.....	-----	-----	-----	1.80	25.....	-----	-----	-----	1.80
5.....	9.60	-----	-----	-----	16.....	8.80	-----	-----	-----	26.....	7.60	-----	-----	-----
7.....	-----	6.40	2.20	-----	17.....	-----	6.25	-----	-----	28.....	7.40	8.50	-----	-----
8.....	-----	-----	-----	1.70	18.....	-----	-----	2.00	1.80	29.....	-----	-----	-----	1.90
9.....	7.80	-----	-----	-----	19.....	9.60	-----	-----	-----	30.....	7.40	-----	-----	-----
10.....	-----	6.20	-----	-----	21.....	8.80	7.17	-----	-----	31.....	-----	9.00	-----	-----
11.....	-----	-----	2.00	1.70	22.....	-----	-----	-----	1.80					

Snake River at Montgomerys Ferry, Idaho.

Day.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
1	3.80	9.25	9.20	3.95	2.75	2.70
2	3.80	8.00	8.00	3.90	2.70	2.70
3	3.80	10.05	8.65	3.85	2.70	2.70
4	3.80	10.25	8.50	3.70	2.70	2.70
5	3.20	4.00	10.50	8.35	3.60	2.70
6	2.95	4.10	10.75	8.15	3.50	2.70
7	2.75	4.30	11.00	7.90	3.50	2.70
8	2.70	4.85	11.00	7.65	3.40	2.70
9	2.60	5.35	10.95	7.45	3.35	2.70
10	2.65	5.40	10.65	7.20	3.25	2.65
11	2.70	5.40	10.50	6.95	3.15	2.65
12	2.80	5.40	10.70	6.75	3.10	2.70
13	2.85	5.30	11.10	6.55	3.10	2.70
14	2.90	5.20	11.45	6.50	3.10	2.70
15	3.00	5.05	11.65	6.45	3.00	2.70
16	2.90	5.00	11.75	6.55	2.90	2.70
17	3.05	4.90	11.80	6.60	2.90	2.70
18	3.20	4.85	11.85	6.50	2.80	2.70
19	3.20	4.80	11.95	6.45	2.80	2.70
20	3.15	4.70	12.10	6.25	2.80	2.70
21	2.95	4.60	12.20	6.05	2.80	2.70
22	2.85	4.50	12.25	5.75	2.80	2.70
23	2.80	4.50	12.30	5.55	2.80	2.70
24	2.80	4.90	12.10	5.35	2.80	2.70
25	2.80	5.30	11.80	5.10	2.90	2.70
26	2.85	5.85	11.35	4.85	2.90	2.70
27	2.90	6.45	10.90	4.75	2.80	2.70
28	2.95	6.80	10.35	4.55	2.80	2.70
29	3.25	7.25	9.90	4.25	2.80	2.80
30	3.65	7.90	9.50	4.20	2.80	2.75
31	8.60	.....	4.05	2.80	.....

Little Camas Creek at Little Camas Store, Idaho.

Day.	March.			April.			May.			June.			July.			August.		
	First channel, gage height.	Second channel, gage height.	Third channel, gage height.	1. Gage height.	2. Gage height.	3. Gage height.	1. Gage height.	2. Gage height.	3. Gage height.	1. Gage height.	2. Gage height.	3. Gage height.	1. Gage height.	2. Gage height.	3. Gage height.	1. Gage height.	2. Gage height.	3. Gage height.
1	1.20	1.30	1.00	1.60	1.50	1.30	1.70	1.90	1.30	0.70	0.60	0.40	0.60	0.30	0.30
2	1.10	1.20	.90	1.50	1.40	1.20	1.70	1.90	1.33	.60	.50	.30	.60	.30	.30
3	1.20	1.30	1.00	1.60	1.60	1.40	1.70	2.00	1.40	.60	.50	.30	.40	.20	.30
4	1.40	1.80	1.10	1.60	1.70	1.50	1.70	2.00	1.40	.60	.50	.30	.40	.20	.30
5	1.30	1.50	1.10	1.50	1.60	1.40	1.70	1.90	1.40	.60	.40	.30	.30	.20	.10
6	1.40	1.60	1.20	1.40	1.50	1.30	1.60	1.70	1.20	.60	.40	.30	.30	.20	.10
7	1.40	1.60	1.20	1.40	1.50	1.30	1.50	1.60	1.10	.70	.40	.30	.20	.10	.10
8	1.20	1.40	1.00	1.40	1.50	1.30	1.40	1.50	1.10	.70	.40	.30	.20	.10	.20
9	1.00	1.10	.80	1.40	1.50	1.30	1.40	1.50	1.10	.70	.30	.30	.10	.20	.30
10	1.00	1.10	.80	1.50	1.40	1.20	1.40	1.50	1.10	.70	.30	.30	.10	.20	.30
11	1.40	1.30	1.00	1.60	1.70	1.40	1.40	1.50	1.10	.70	.30	.30	.10	.20	.30
12	1.30	1.40	1.10	1.40	1.40	1.20	1.30	1.40	1.00	.70	.30	.30	.10	.20	.30
13	1.60	2.50	1.50	1.30	1.30	1.10	1.30	1.30	1.00	.70	.30	.30	.10	.20	.30
14	1.30	2.00	1.20	1.30	1.20	1.00	1.30	1.30	1.00	.70	.30	.30	.10	.20	.30
15	1.20	1.80	1.30	1.30	1.20	1.00	1.20	1.30	1.00	.70	.30	.20	.10	.20	.30
16	1.20	1.60	1.20	1.30	1.20	1.00	1.10	1.20	.90	.70	.30	.20	.....	.....	.....
17	1.30	1.80	1.30	1.40	1.20	1.00	1.10	1.20	.90	.70	.30	.20	.....	.....	.....
18	1.20	1.50	1.20	1.40	1.20	1.00	.90	1.10	.80	.70	.30	.20	.....	.....	.....
19	1.30	1.40	1.20	1.40	1.20	1.00	.90	1.10	.80	.70	.30	.20	.....	.....	.....
20	1.40	1.40	1.30	1.40	1.20	.90	.90	1.00	.70	.70	.30	.30	.....	.....	.....
21	1.40	1.40	1.20	1.40	1.20	.90	.90	.90	.80	.70	.30	.30	.....	.....	.....
22	1.40	1.40	1.30	1.40	1.30	1.00	.90	.90	.80	.70	.30	.30	.....	.....	.....
23	1.50	1.30	1.10	1.50	1.40	1.10	.90	.90	.80	.70	.30	.30	.....	.....	.....
24	1.50	1.30	1.10	1.60	1.50	1.30	.90	.90	.80	.60	.30	.30	.....	.....	.....
25	1.50	1.30	1.10	1.60	1.70	1.30	.80	.80	.70	.60	.30	.30	.....	.....	.....
26	1.50	1.40	1.30	1.70	1.70	1.30	.80	.80	.70	.60	.30	.30	.....	.....	.....
27	1.60	1.50	1.40	1.70	1.70	1.30	.80	.80	.70	.60	.30	.30	.....	.....	.....
28	1.50	1.40	1.20	1.60	1.70	1.20	.70	.70	.50	.60	.30	.30	.....	.....	.....
29	2.50	2.70	2.50	1.50	1.50	1.30	1.60	1.80	1.30	.70	.60	.40	.60	.30	.30	.....	.....	.....
30	2.40	2.60	2.40	1.50	1.40	1.20	1.80	2.10	1.30	.70	.60	.40	.60	.30	.30	.....	.....	.....
31	2.30	2.40	2.30	.....	.....	.....	1.80	1.90	1.30	.....	.....	.....	.60	.30	.30	.....	.....	.....

Little Wood River at Taponis, Idaho.

Day.	June.	July.	Aug.	Sept.	Day.	June.	July.	Aug.	Sept.	Day.	June.	July.	Aug.	Sept.
1.....	-----	-----	-----	1.50	11.....	-----	-----	1.20	1.33	22.....	-----	-----	-----	2.53
2.....	6.90	-----	-----	-----	12.....	6.40	-----	-----	-----	23.....	6.40	-----	-----	-----
3.....	-----	4.40	-----	-----	14.....	6.40	4.30	1.20	-----	24.....	-----	5.67	-----	-----
4.....	-----	-----	1.20	2.03	15.....	-----	-----	-----	2.17	25.....	-----	-----	-----	2.67
5.....	7.10	-----	-----	-----	16.....	6.70	-----	-----	-----	26.....	5.20	-----	-----	-----
6.....	-----	3.90	1.00	-----	17.....	-----	4.50	-----	-----	28.....	5.30	6.33	-----	-----
7.....	-----	-----	-----	1.33	18.....	-----	-----	1.20	2.33	29.....	-----	-----	-----	2.75
8.....	6.40	-----	-----	-----	19.....	6.90	-----	-----	-----	30.....	4.10	-----	-----	-----
10.....	-----	4.30	-----	-----	21.....	6.70	5.00	-----	-----	31.....	-----	7.17	-----	-----

Bruneau River at Owyhee, Idaho.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	Day.	Jan.	Feb.	Mar.	Apr.	May.	June.
1.....	1.65	1.75	1.75	2.45	2.90	6.40	17.....	1.65	1.60	1.75	3.20	2.80	4.70
2.....	1.65	1.75	1.75	2.40	2.90	6.70	18.....	1.70	1.60	1.75	3.00	2.70	4.60
3.....	1.65	1.75	1.75	2.40	2.95	6.00	19.....	1.70	1.65	1.75	2.90	2.65	4.60
4.....	1.65	1.75	1.75	2.35	2.90	5.90	20.....	1.75	1.65	1.80	2.85	2.60	4.30
5.....	1.60	1.75	1.75	2.35	2.90	5.35	21.....	1.75	1.70	1.80	2.75	2.60	4.20
6.....	1.60	1.75	1.80	2.35	3.30	5.00	22.....	1.75	1.70	1.95	2.75	2.60	4.00
7.....	1.60	1.75	1.80	2.40	3.25	4.95	23.....	1.75	1.70	2.40	2.90	2.60	3.80
8.....	1.65	1.75	1.80	2.55	3.20	4.80	24.....	1.75	1.70	2.45	2.90	2.90	3.70
9.....	1.65	1.70	1.80	2.60	3.15	4.70	25.....	1.75	1.70	2.75	2.90	2.95	3.60
10.....	1.65	1.70	1.80	2.65	3.00	5.00	26.....	1.75	1.70	3.20	2.90	3.20	3.45
11.....	1.65	1.70	1.75	2.65	3.00	5.20	27.....	1.75	1.70	3.35	3.00	3.80	3.35
12.....	1.65	1.70	1.75	2.55	3.00	4.90	28.....	1.75	1.70	3.55	3.15	4.00	3.30
13.....	1.65	1.70	1.75	2.40	3.15	4.65	29.....	1.75	1.70	3.35	3.00	4.50	3.20
14.....	1.65	1.70	1.75	2.80	3.00	4.60	30.....	1.75	-----	3.00	2.90	5.30	3.15
15.....	1.65	1.70	1.75	3.85	2.95	4.65	31.....	1.75	-----	2.85	-----	6.00	-----
16.....	1.65	1.70	1.75	3.60	2.95	4.60							

Boise River at Boise, Idaho.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	1.80	2.70	2.60	4.40	5.30	9.00	6.30	3.30	2.20	1.70	1.90	1.20
2.....	2.00	2.40	2.40	3.90	5.00	9.00	6.80	3.00	2.20	1.80	2.00	1.10
3.....	1.40	2.40	2.40	3.80	5.30	9.60	7.00	3.30	2.00	1.60	1.90	1.10
4.....	1.40	2.00	2.30	3.80	6.00	9.30	7.00	2.90	1.90	1.60	1.90	1.40
5.....	1.40	2.00	2.40	3.90	6.00	9.00	6.80	2.80	1.80	1.70	1.70	2.00
6.....	1.40	1.80	2.00	3.90	5.60	8.70	6.70	2.80	1.80	1.60	1.70	2.40
7.....	1.40	1.80	2.00	4.60	5.70	8.70	6.60	2.70	1.80	1.80	1.50	2.40
8.....	1.80	2.03	2.20	4.80	5.80	8.80	6.50	2.70	1.70	1.70	1.90	2.60
9.....	1.80	2.00	2.40	4.40	5.60	8.60	6.30	2.70	1.70	1.60	2.60	2.60
10.....	1.80	2.0	2.20	5.00	5.40	8.80	6.20	2.60	1.70	1.60	2.30	2.40
11.....	1.80	1.90	2.30	4.50	5.50	8.50	6.10	2.60	1.80	1.70	2.00	2.00
12.....	2.00	2.00	2.30	4.50	5.40	8.50	6.10	2.40	1.80	1.60	1.90	2.60
13.....	1.80	2.00	2.40	5.70	5.20	9.30	5.90	2.30	1.70	1.60	1.90	2.70
14.....	1.40	1.90	2.40	6.70	5.00	10.00	5.80	2.20	1.80	1.60	1.90	2.80
15.....	1.40	2.00	2.40	5.80	5.00	9.60	5.60	2.20	1.80	1.70	2.00	2.50
16.....	1.20	2.00	2.40	5.50	5.00	9.60	5.40	2.20	1.80	1.60	1.90	2.50
17.....	1.90	1.90	2.30	5.40	4.90	9.60	5.00	2.20	1.70	1.60	1.90	2.40
18.....	2.30	1.90	2.40	5.00	4.80	9.50	4.80	2.00	1.70	1.70	2.00	2.40
19.....	2.40	2.00	2.40	4.80	4.70	9.40	4.60	2.00	1.60	1.70	2.60	2.20
20.....	2.50	2.00	2.70	4.50	4.70	9.00	4.00	1.90	1.70	1.60	2.80	2.20
21.....	3.00	2.00	3.50	4.40	4.60	9.00	3.60	1.90	1.70	1.60	2.40	2.00
22.....	3.00	2.10	3.90	5.00	5.00	8.50	3.00	1.80	1.60	1.70	2.70	2.00
23.....	3.00	2.10	4.00	5.10	5.80	8.00	3.60	1.90	1.70	1.70	2.70	1.90
24.....	2.40	2.10	4.60	5.10	6.70	7.50	4.00	1.90	1.90	1.70	2.90	1.90
25.....	2.30	2.20	4.60	5.40	7.00	7.80	4.00	1.80	2.00	1.60	2.60	1.80
26.....	2.60	2.20	5.60	5.80	7.40	7.30	3.40	1.90	-----	1.60	2.40	1.80
27.....	2.80	2.30	6.10	5.30	7.40	9.00	3.20	1.80	1.90	1.80	2.00	2.00
28.....	2.90	2.90	5.70	5.20	8.00	6.80	3.00	1.90	1.90	1.80	1.60	2.00
29.....	2.80	3.00	5.50	5.30	8.10	6.40	3.40	1.90	1.80	1.80	1.40	2.10
30.....	2.80	-----	4.60	5.10	8.60	6.40	3.40	2.00	1.70	1.60	1.40	2.10
31.....	2.70	-----	4.50	-----	9.50	-----	3.30	2.20	-----	1.90	-----	2.10

Boise River at Caldwell, Idaho.

Day.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.
1		5.75	6.40	11.00	8.20	4.40	3.65
2		5.60	6.50	11.00	7.80	4.40	3.60
3		5.55	6.40	11.30	7.70	4.30	3.60
4	4.40	5.50	7.00	11.00	7.60	4.25	3.55
5	4.40	5.60	7.60	10.00	7.40	4.20	3.50
6	4.30	5.80	7.40	9.90	7.40	4.20	3.50
7	4.30	5.90	7.10	9.50	7.30	4.15	3.45
8	4.30	6.00	7.00	9.20	7.20	4.10	3.45
9	4.30	6.00	7.00	9.90	7.00	4.10	3.45
10	4.35	5.90	6.90	10.20	6.95	4.00	3.45
11	4.40	5.80	7.00	9.80	6.80	3.90	3.45
12	4.40	5.90	6.80	9.60	6.70	3.90	3.45
13	4.40	6.30	6.60	9.80	6.75	3.85	3.50
14	4.50	8.00	6.50	10.00	6.60	3.80	3.50
15	4.45	7.40	6.40	9.90	6.50	3.70	3.45
16	4.45	6.90	6.30	10.00	6.30	3.70	3.40
17	4.50	6.60	6.40	10.00	6.10	3.65	3.40
18	4.55	6.50	6.20	10.30	5.90	3.60	3.40
19	4.60	6.20	6.10	10.00	5.70	3.60	3.45
20	4.85	6.20	6.00	9.80	5.40	3.55	3.40
21	5.40	6.15	6.00	9.40	5.30	3.50	3.45
22	5.70	6.10	6.10	9.00	5.20	3.50	3.45
23	5.75	6.15	6.80	8.60	5.10	3.50	3.50
24	6.00	6.30	7.60	8.40	5.00	3.45	3.65
25	7.10	6.60	8.00	8.30	4.90	3.40	3.70
26	7.10	6.80	8.50	8.10	4.80	3.35	3.65
27	7.70	6.70	8.60	8.00	4.70	3.30	3.60
28	7.30	6.60	8.90	8.20	4.70	3.25	3.60
29	6.70	6.50	9.10	8.10	4.60	3.20	3.55
30	6.35	6.55	10.00	8.00	4.50	3.20	3.50
31	5.90		11.00		4.50	3.30	

Owyhee River at Nyssa, Oregon.

Day.	Jan.	Feb.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.
1	1.30	1.60		3.65	5.75	2.25	1.05	1.30	1.10	
2	1.30	1.50		3.60	5.45	2.15	1.00	1.30	1.10	
3	1.30	1.50		3.85	5.00	2.05	1.00	1.30	1.10	
4	1.30	1.40		4.05	4.70	1.95	1.00	1.20		
5	1.40	1.40		4.35	4.55	1.90	1.00	1.20		
6	1.40	1.50		4.45	4.45	1.85	1.00	1.10		
7	1.40	1.50		4.65	4.35	1.80	1.00	1.10		
8	1.40	1.50		4.80	4.30	1.75	1.00	1.00		
9	1.40	1.40		4.90	4.25	1.70	.95	1.00		
10	1.40	1.40		4.80	4.15	1.65	.95	.90		
11	1.40	1.40		4.80	4.15	1.60	.95	.90		
12	1.40	1.40		4.70	4.05	1.50	.95	.90		
13	1.40	1.35		4.65	3.95	1.45	.95	.95		
14	1.55	1.30		4.60	3.55	1.40	.95	.95		
15	1.75	1.30		4.55	3.45	1.40	.95	1.00		
16	2.50	1.30		4.50	3.35	1.35	.90	1.00		
17	5.65	1.30		4.40	3.30	1.30	.90	1.00		1.20
18	3.80	1.30		4.40	3.25	1.25	.90	1.00		1.20
19	3.35	1.30		4.55	3.15	1.20	.90	1.00		1.20
20	3.05	1.40		4.60	3.05	1.20	.90	1.00		1.20
21	2.75	1.40		4.65	2.95	1.20	.90	1.00		1.20
22	2.55	1.40		4.75	2.90	1.10	.90	1.00		1.20
23	2.45	1.50		4.85	2.85	1.10	1.00	.95		1.20
24	2.40	1.50		5.05	2.80	1.10	1.00	.95		
25	2.35	1.55		5.25	2.75	1.00	1.10	1.00		
26	2.05	1.60	3.40	5.45	2.70	1.20	1.10	1.00		
27	1.85	1.60	3.45	5.65	2.65	1.20	1.20	1.00		
28	1.80	1.60	3.55	5.85	2.45	1.15	1.20	1.00		
29	1.75	1.60	3.65	5.95	2.40	1.10	1.30	1.00		
30	1.70		3.70	6.05	2.35	1.10	1.40	1.00		
31	1.60			6.00		1.10	1.40			

Malheur River at Vale, Oregon.

Day.	Jan. a	Feb.	Apr.	May.	June.	July.	Aug.	Sept.
1.....	1.70	2.55	-----	3.00	4.30	2.45	1.00	1.60
2.....	1.75	2.65	-----	3.00	4.35	2.35	.95	1.45
3.....	1.80	2.70	-----	3.05	4.50	2.30	.90	1.20
4.....	1.90	2.60	-----	3.10	4.50	2.25	.90	1.10
5.....	1.90	2.60	-----	3.85	4.45	2.15	.90	1.10
6.....	1.90	2.50	-----	4.90	4.30	2.10	.85	1.10
7.....	1.85	2.50	-----	4.65	4.25	2.10	.75	1.10
8.....	1.90	2.40	-----	4.05	4.25	2.05	.70	1.10
9.....	1.85	2.35	-----	3.85	4.10	1.95	.70	1.10
10.....	1.85	2.25	-----	3.80	4.05	1.90	.71	1.10
11.....	1.70	2.20	-----	3.70	3.90	1.85	.72	1.10
12.....	1.70	2.10	-----	3.70	3.75	1.80	.72	1.10
13.....	1.70	2.00	-----	3.75	3.70	1.85	.71	1.10
14.....	1.70	2.00	-----	3.65	3.60	1.90	.71	1.10
15.....	1.70	2.00	-----	3.45	3.50	1.95	.71	1.10
16.....	1.75	2.00	-----	3.30	3.50	1.90	.70	1.10
17.....	5.00	2.00	-----	3.30	3.50	1.90	.70	1.10
18.....	-----	2.05	-----	3.30	3.40	1.65	.70	1.10
19.....	-----	2.10	-----	3.30	3.35	1.60	.70	1.10
20.....	-----	2.10	-----	3.20	3.40	1.50	.70	1.15
21.....	-----	2.00	-----	3.15	3.35	1.50	.70	1.20
22.....	-----	1.95	-----	3.10	3.30	1.45	.70	1.20
23.....	-----	2.05	-----	3.10	3.25	1.40	.70	1.20
24.....	-----	2.20	-----	3.25	3.15	1.40	.70	1.20
25.....	3.20	2.30	-----	3.55	3.05	1.30	.69	1.20
26.....	3.10	2.15	2.90	3.75	3.40	1.30	.68	1.20
27.....	2.90	2.20	3.00	3.90	3.35	1.25	.68	1.25
28.....	2.75	2.30	3.00	4.00	2.75	1.20	.70	1.25
29.....	2.60	2.95	3.00	4.10	2.65	1.15	.70	1.25
30.....	2.55	-----	3.00	4.20	2.55	1.10	.70	1.25
31.....	2.65	-----	-----	4.20	-----	1.00	2.20	-----

α January 16 to 25 gage broken; no readings.

Payette River at Payette, Idaho.

Day.	May.	June.	July.	Aug.	Sept.	Day.	May.	June.	July.	Aug.	Sept.
1.....	-----	8.20	7.50	2.20	1.90	17.....	3.70	8.90	4.90	1.60	1.10
2.....	-----	8.30	7.40	2.20	1.80	18.....	3.60	9.20	4.30	1.60	1.10
3.....	-----	9.10	7.20	2.10	1.70	19.....	3.60	9.20	3.90	1.50	1.00
4.....	-----	9.30	6.80	2.10	1.40	20.....	3.30	9.10	3.70	1.50	1.00
5.....	-----	9.10	6.80	2.10	1.30	21.....	3.40	9.00	3.50	1.40	1.00
6.....	-----	9.20	6.50	2.00	1.30	22.....	4.20	8.80	3.30	1.40	1.00
7.....	-----	8.60	6.40	2.00	1.20	23.....	5.40	7.60	3.10	1.40	1.10
8.....	-----	8.40	6.20	1.90	1.20	24.....	5.40	7.90	2.90	1.30	1.10
9.....	-----	8.70	6.00	1.90	1.10	25.....	5.60	7.50	2.80	1.30	1.10
10.....	-----	8.90	5.70	1.80	1.10	26.....	5.90	7.40	2.70	1.20	1.10
11.....	-----	8.50	5.70	1.80	1.10	27.....	6.10	7.40	2.60	1.20	1.00
12.....	4.20	8.40	5.50	1.80	1.10	28.....	6.50	7.20	2.50	1.10	.90
13.....	4.30	8.30	6.20	1.80	1.10	29.....	6.90	7.40	2.50	1.10	.90
14.....	4.00	8.70	5.90	1.70	1.10	30.....	7.20	7.50	2.40	1.20	.90
15.....	3.70	8.80	5.50	1.70	1.10	31.....	7.70	-----	2.30	1.30	-----
16.....	3.70	8.80	5.30	1.70	1.10						

Yakima River at Kiona, Washington.

Day.	Jan.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	Jan.	Aug.	Sept.	Oct.	Nov.	Dec.
1....	5.30	-----	4.73	4.08	4.24	5.95	17....	-----	5.10	4.48	4.00	15.18	9.20
2....	5.35	6.10	4.73	4.05	4.35	6.10	18....	-----	5.05	4.50	3.96	16.07	8.70
3....	5.20	6.15	4.70	4.05	4.40	6.50	19....	-----	5.00	4.55	3.94	13.35	8.52
4....	5.10	6.10	4.70	4.10	4.46	7.10	20....	-----	4.95	4.45	3.93	10.91	8.43
5....	5.35	6.05	4.70	4.10	4.47	8.90	21....	-----	4.90	4.35	3.92	9.50	8.31
6....	5.40	6.00	4.68	4.05	4.51	9.80	22....	-----	4.85	4.30	3.89	9.20	8.30
7....	5.55	5.90	4.65	4.08	4.52	11.45	23....	6.35	4.80	4.30	3.87	8.30	8.21
8....	5.90	5.80	4.65	4.10	4.52	11.55	24....	6.15	4.75	4.25	3.87	7.93	8.03
9....	6.70	5.70	4.63	4.08	4.56	-----	25....	6.05	4.75	4.20	3.94	7.62	7.90
10....	8.20	5.60	4.55	4.05	5.80	11.30	26....	-----	4.70	4.20	3.91	7.23	7.70
11....	8.80	5.60	4.55	4.08	5.80	10.80	27....	-----	4.70	4.20	3.93	6.65	7.55
12....	8.80	5.50	4.50	4.04	5.72	10.60	28....	-----	4.70	4.18	3.88	5.93	7.45
13....	8.00	5.35	4.50	4.00	5.60	10.65	29....	-----	4.70	4.15	3.94	5.95	7.35
14....	7.60	5.30	4.48	4.00	5.60	10.70	30....	-----	4.70	4.13	α	5.95	7.15
15....	7.15	5.20	4.50	4.01	8.68	10.07	31....	-----	4.70	-----	3.94	-----	7.05
16....	-----	5.15	4.50	3.95	11.91	9.50							

α No observation.

Weiser River at Weiser, Idaho.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
1.....	2.30	4.00	3.80	4.30	4.10	7.10	4.90	2.00	1.80	1.80
2.....	2.30	3.70	3.50	4.00	5.20	7.10	4.70	2.00	1.80	1.80
3.....	2.30	3.00	3.20	3.80	5.10	7.10	4.60	2.00	1.80	1.70
4.....	2.30	3.20	3.00	3.70	8.30	7.40	4.40	2.00	1.90	1.70
5.....	2.30	3.10	3.00	3.70	9.20	7.00	4.20	2.00	1.90	1.70
6.....	2.30	3.00	2.90	3.80	9.10	7.90	4.00	2.00	1.90	1.70
7.....	2.40	2.90	2.90	4.10	8.50	8.90	3.80	2.00	1.90	1.70
8.....	2.40	2.80	3.00	4.50	7.40	7.60	3.60	2.00	1.90	1.70
9.....	2.40	2.70	3.30	4.70	6.70	6.70	3.50	2.00	1.90	1.70
10.....	2.30	2.60	3.70	4.50	5.90	6.70	3.40	1.90	1.90	1.70
11.....	2.30	2.60	4.00	4.30	6.00	6.60	3.30	1.90	1.90	1.70
12.....	2.30	2.50	3.80	4.10	6.40	6.60	3.20	1.90	1.90	1.70
13.....	2.30	2.50	3.80	4.60	5.50	6.50	3.10	1.90	2.00	1.70
14.....	2.30	2.50	3.70	4.50	5.00	6.40	3.00	1.90	2.00	1.70
15.....	2.30	2.50	3.50	5.20	4.70	6.40	2.90	1.80	2.00	1.70
16.....	2.50	2.60	3.40	4.80	4.60	6.40	2.80	1.80	2.00	1.70
17.....	5.10	2.60	3.30	4.50	4.70	6.40	2.70	1.80	2.00	1.70
18.....	5.50	2.70	3.30	4.10	5.20	6.50	2.60	1.80	2.00	.....
19.....	6.50	2.70	3.40	4.00	4.70	6.60	2.50	1.80	2.00	.....
20.....	7.60	2.70	3.80	3.90	4.60	6.40	2.40	1.80	1.90	.....
21.....	8.30	2.70	4.60	3.80	4.60	6.20	2.40	1.90	1.90	.....
22.....	7.40	2.80	4.70	3.70	4.70	5.90	2.30	1.80	1.90	.....
23.....	5.80	2.90	4.70	3.80	5.10	5.80	2.30	1.80	1.90	.....
24.....	4.50	2.90	5.20	3.90	5.60	5.60	2.20	1.80	1.80	.....
25.....	3.80	3.00	6.00	4.10	6.10	5.40	2.20	1.80	1.80	.....
26.....	3.80	3.20	6.00	4.40	6.10	5.20	2.20	1.80	1.80	.....
27.....	4.00	4.00	6.50	4.70	6.10	4.90	2.10	1.80	1.80	.....
28.....	4.40	4.45	6.20	4.90	6.20	5.20	2.10	1.80	1.80	.....
29.....	6.40	4.10	5.60	4.50	6.20	5.30	2.10	1.80	1.80	.....
30.....	5.70	.....	5.00	4.20	6.60	5.20	2.10	1.80	1.80	.....
31.....	4.50	.....	4.60	.....	6.90	.....	2.00	1.80	.....	.....

Natches River at North Yakima, Washington.

Day.	Jan.	Feb.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	1.70	1.90	.....	3.25	1.50	1.10	1.50	3.60
2.....	1.60	.....	.....	3.10	1.40	1.20	1.40	3.80
3.....	1.60	1.90	.....	3.00	1.40	1.20	1.30	4.00
4.....	1.60	1.90	.....	2.90	1.40	1.20	1.20	4.50
5.....	.....	1.90	.....	3.00	1.40	1.10	1.10	5.00
6.....	2.00	2.00	.....	2.85	1.30	.90	1.00	4.90
7.....	2.90	2.00	.....	2.80	1.30	.89	1.20	4.70
8.....	3.20	1.90	.....	2.70	1.30	.88	2.20	4.50
9.....	3.90	.....	.....	2.65	1.30	.87	2.50	4.30
10.....	4.10	1.90	.....	2.45	1.25	.86	2.40	4.10
11.....	3.80	1.90	.....	2.35	1.20	.85	2.30	4.00
12.....	.....	1.90	.....	2.20	1.30	.84	2.15	3.90
13.....	3.10	1.90	.....	2.10	1.30	.83	2.00	3.70
14.....	2.90	2.00	.....	2.05	1.35	.82	4.25	3.60
15.....	2.80	1.90	.....	2.00	1.50	.81	8.00	3.50
16.....	2.80	.....	.....	1.90	1.40	.80	7.75	3.50
17.....	2.70	2.10	.....	1.80	1.30	.79	6.25	3.40
18.....	2.70	2.10	.....	1.80	1.30	.72	5.25	3.40
19.....	.....	2.70	.....	1.70	1.20	.74	4.70	3.30
20.....	2.60	2.80	.....	1.70	1.20	.76	4.30	3.30
21.....	2.40	2.90	.....	1.60	1.20	.76	4.00	3.30
22.....	2.50	3.20	.....	1.80	1.25	.60	3.80	3.20
23.....	2.20	.....	.....	1.50	1.30	.60	3.70	3.20
24.....	2.20	3.30	.....	1.50	1.20	.60	3.60	3.20
25.....	2.10	3.90	.....	1.50	1.10	.50	3.50	3.10
26.....	.....	5.60	.....	1.50	.90	.50	3.35	3.10
27.....	2.20	6.20	.....	1.50	.90	.60	3.15	3.10
28.....	2.20	5.80	3.35	1.50	.90	.75	3.00	3.00
29.....	2.20	5.80	3.25	1.50	.90	.95	3.20	3.00
30.....	1.90	.....	3.10	1.50	1.10	1.15	3.40	3.00
31.....	1.90	.....	3.15	1.50	.....	1.40	.....	3.00

Yakima River at Yakima, Washington.

Day.	Jan.	Feb.	Ang.	Sept.	Oct.	Nov.	Dec.
1.....	4.75	4.70	5.80	4.80	4.50	4.50	6.60
2.....	4.70		5.80	4.80	4.50	4.50	7.60
3.....	4.70	4.70	5.70	4.80	4.50	4.50	8.20
4.....	4.70	4.70	5.70	4.80	4.50	4.60	7.70
5.....		4.80	5.60	4.80	4.50	4.90	6.60
6.....	4.80	4.90	5.60	4.80	4.50	5.00	6.70
7.....	5.10	4.90	5.50	4.80	4.50	5.30	6.80
8.....	5.50	4.85	5.50	4.80	4.50	5.60	6.90
9.....	6.50		5.50	4.80	4.40	5.80	8.00
10.....	7.20	4.80	5.40	4.80	4.40	5.90	8.20
11.....	6.80	4.80	5.40	4.70	4.40	5.70	8.60
12.....		4.80	5.30	4.70	4.40	5.70	8.40
13.....	6.40	4.90	5.30	4.70	4.40	5.80	8.20
14.....	6.10	5.00	5.20	4.70	4.40	5.80	8.00
15.....	5.90	5.00	5.20	4.70	4.40	13.00	7.60
16.....	5.70		5.10	4.70	4.40	15.60	7.40
17.....	5.60	5.20	5.10	4.70	4.40	14.00	7.10
18.....	5.50	5.30	5.10	4.70	4.40	12.00	6.80
19.....		5.35	5.00	4.70	4.40	9.00	6.20
20.....	5.40	5.40	5.00	4.70	4.40	8.00	6.10
21.....	5.30	5.40	5.00	4.70	4.40	7.00	6.10
22.....	5.20	5.40	4.90	4.65	4.40	6.80	6.00
23.....	5.10		4.90	4.60	4.40	6.60	6.00
24.....	5.10	5.60	4.90	4.60	4.40	6.40	5.90
25.....	5.05	6.20	4.90	4.60	4.40	6.20	5.90
26.....		6.70	4.80	4.50	4.40	6.10	5.80
27.....	5.00	7.80	4.80	4.50	4.40	6.00	5.80
28.....	4.90	7.70	4.80	4.50	4.40	6.00	5.70
29.....	4.85	7.40		4.50	4.40	6.00	5.70
30.....	4.80			4.50	4.40	6.00	5.60
31.....	4.75				4.50		5.60

Spokane River at dam of the Washington Water Power Company, Spokane, Washington, for 1891.

Day.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....		2.08	5.00	3.83	1.50	0.33	1.00	0.50	2.75	3.83
2.....		2.08	5.00	3.67	1.58	.25	1.00	.50	2.83	4.00
3.....		2.17	4.92	3.50	1.58	.25	1.00	.50	3.00	4.00
4.....		2.17	4.67	3.33	1.50	.25	1.00	.50	3.17	3.75
5.....		2.17	4.50	3.17	1.50	.17	.92	.50	3.33	3.83
6.....		2.17	4.50	3.17	1.50	.17	.92	.50	3.33	3.83
7.....		2.17	4.67	3.00	1.33	.17	.92	.50	3.42	3.83
8.....		2.50	4.83	3.00	1.33	.08	.92	.50	3.42	3.83
9.....		2.75	5.00	2.92	1.25	.08	.83	.50	3.50	3.83
10.....		2.92	5.00	2.83	1.25	.08	.83	.50	3.50	3.83
11.....		2.92	5.25	2.75	1.25	.08	.83	.50	3.50	3.83
12.....		2.92	5.00	2.67	1.25	.00	.83	.50	3.50	3.75
13.....		3.17	5.00	2.50	1.17	.00	.83	.50	3.58	3.75
14.....		3.33	5.00	2.50	1.17	1.33	.75	.50	3.58	3.75
15.....		3.50	5.00	2.50	1.17	1.33	.75	.50	3.67	3.75
16.....		3.75	5.17	2.42	1.17	1.33	.75	.50	3.67	3.75
17.....		3.92	5.17	2.33	1.08	1.33	.75	.50	3.67	3.75
18.....		4.08	5.25	2.25	1.00	1.33	.75	.50	3.75	3.83
19.....		4.50	5.25	2.17	1.00	1.33	.67	1.08	3.75	3.83
20.....		4.92	5.17	2.08	1.00	1.25	.67	2.67	3.75	3.83
21.....		4.50	5.08	2.00	.92	1.25	.67	2.67	3.83	3.83
22.....	0.58	4.58	5.00	2.00	.83	1.25	.58	2.67	3.83	3.83
23.....	.92	4.67	4.83	1.92	.83	1.25	.58	2.67	3.83	3.83
24.....	1.25	4.83	4.83	1.92	.75	1.17	.58	2.67	3.83	3.83
25.....	1.42	4.83	4.50	1.83	.67	1.17	.58	2.67	3.83	3.83
26.....	1.58	4.83	4.42	1.75	.67	1.17	.50	2.67	3.83	3.83
27.....	1.75	4.83	4.25	1.67	.67	1.17	.50	2.67	3.83	3.83
28.....	1.92	4.83	4.00	1.67	.50	1.08	.50	2.67	3.83	3.83
29.....	2.00	4.83	4.00	1.67	.42	1.08	.50	2.67	3.83	3.83
30.....	2.08	5.00	4.00	1.67	.42	1.08	.50	2.67	3.83	3.83
31.....	2.08		3.83		.33	1.08		2.75		3.83

March 22, waste gates almost entirely closed. April 21, waste gates opened, which lowered the water about 1 foot. August 14, waste gates partly closed, one open about 2 feet 6 inches, the other, 3 feet 6 inches. October 19, waste gates further closed, one open about 8 inches, the other 1 foot. October 20, flashboards put on dam about three-fourths of the way across. December 4, about one-third of the flashboards were carried out.

Spokane River at dam of the Washington Water Power Company, Spokane, Washington, for 1892.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	3.83	3.33	3.08	4.58	4.42	8.00	4.33	1.58	0.92	3.00	3.00	4.00
2.....	3.67	3.17	3.17	4.42	4.42	8.00	4.25	2.33	.92	3.00	3.00	4.00
3.....	3.67	3.17	3.25	4.33	4.42	8.00	4.17	2.33	.92	3.00	3.00	4.08
4.....	3.67	3.17	3.33	4.08	4.42	7.92	4.08	2.17	.83	3.00	3.00	4.08
5.....	3.67	3.17	3.42	3.92	4.50	7.83	4.00	2.08	.83	3.00	3.00	4.17
6.....	3.67	3.17	3.50	3.83	4.58	7.67	3.92	2.00	.75	3.00	3.00	4.17
7.....	3.67	3.17	3.50	3.75	4.67	7.58	3.83	1.92	.75	3.00	3.00	4.25
8.....	3.67	3.17	3.50	3.75	4.75	7.42	3.75	1.83	.75	3.00	3.00	4.25
9.....	3.67	3.17	3.58	3.75	4.83	7.25	3.67	1.75	.67	3.00	3.00	4.25
10.....	3.67	3.17	3.67	3.75	4.92	7.00	3.58	1.67	.67	3.00	3.00	4.25
11.....	3.50	3.17	3.83	3.75	5.08	6.75	3.50	1.67	.67	3.00	3.00	4.25
12.....	3.50	3.25	4.00	3.75	5.33	6.67	3.33	1.58	.58	3.00	3.00	4.25
13.....	3.50	3.25	4.33	3.75	5.58	6.58	3.25	1.58	.50	3.00	3.00	4.25
14.....	3.50	3.25	4.67	3.83	5.75	6.50	3.17	1.50	.42	3.00	3.00	4.25
15.....	3.50	3.25	4.92	3.92	5.92	6.33	3.08	1.50	.33	3.00	3.00	4.17
16.....	3.50	3.25	5.17	4.00	6.00	6.25	3.00	1.50	.25	3.00	3.08	4.17
17.....	3.50	3.25	5.33	4.08	6.08	6.08	2.92	1.42	.00	3.00	3.17	4.17
18.....	3.50	3.25	5.50	4.17	6.17	6.00	2.83	1.42	.00	3.00	3.17	4.08
19.....	3.50	3.25	5.67	4.25	6.25	5.83	2.75	1.42	3.00	3.00	3.25	4.08
20.....	3.50	3.25	5.75	4.25	6.33	5.67	2.67	1.33	3.00	3.00	3.25	4.03
21.....	3.50	3.25	5.75	4.25	6.42	5.50	2.58	1.33	3.00	3.00	3.33	3.92
22.....	3.50	3.25	5.75	4.25	6.58	5.33	2.50	1.23	3.00	3.00	3.33	3.92
23.....	3.50	3.33	5.67	4.25	6.83	5.25	2.33	1.23	3.00	3.00	3.42	3.83
24.....	3.33	3.50	4.75	4.25	7.00	5.08	2.17	1.25	3.00	3.00	3.50	3.83
25.....	3.33	3.75	4.83	4.25	7.33	5.00	2.00	1.17	3.00	3.00	3.58	3.83
26.....	3.33	3.92	4.83	4.33	7.67	4.83	1.83	1.17	3.00	3.00	3.67	3.92
27.....	3.33	4.00	4.83	4.33	7.75	4.75	1.75	1.08	3.00	3.00	3.75	3.92
28.....	3.33	3.75	4.83	4.33	7.92	4.67	1.67	1.08	3.00	3.00	3.83	3.92
29.....	3.33	3.00	4.83	4.33	8.00	4.58	1.58	1.00	3.00	3.00	3.92	4.00
30.....	3.33	.....	4.83	4.42	8.00	4.50	1.58	1.00	3.00	3.00	3.92	4.00
31.....	3.33	.....	4.75	.....	8.00	.....	1.58	1.00	3.00	3.00	.....	4.08

February 28, part of the flashboards taken out. February 29, balance taken out. March 24, waste gates opened full. August 2, one waste gate partly closed, leaving opening 3 feet 6 inches; openings partly closed with drift logs. September 17, logs removed from waste gates. September 19, waste gates closed and flashboards put on dam.

Spokane River at dam of the Washington Water Power Company, Spokane, Washington, for 1893.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	4.08	3.92	3.58	3.50	6.17	8.25	5.25	1.83	0.33	3.25	5.00	4.92
2.....	4.17	3.83	3.58	3.75	6.33	8.25	5.17	1.75	.33	3.33	5.00	4.92
3.....	4.17	3.83	3.58	4.08	6.50	8.25	5.00	1.75	.25	3.42	4.92	4.83
4.....	4.25	3.83	3.58	4.33	6.67	8.25	5.00	1.67	.25	3.50	4.83	4.83
5.....	4.33	3.75	3.58	4.67	6.75	8.25	4.92	1.67	.25	3.58	4.83	4.83
6.....	4.42	3.75	3.58	4.00	6.83	8.00	4.83	1.67	.17	3.67	4.92	4.83
7.....	4.50	3.75	3.58	4.42	6.92	8.00	4.75	1.58	.08	3.83	5.17	4.83
8.....	4.50	3.75	3.67	4.75	7.00	8.00	4.67	1.58	.08	4.00	5.67	4.83
9.....	4.58	3.67	.67	4.83	7.17	8.00	4.58	1.50	.00	4.25	6.17	5.17
10.....	4.58	3.67	.67	5.08	7.33	8.00	4.42	1.50	.00	4.50	6.50	5.67
11.....	4.58	3.58	.67	5.08	7.50	7.92	4.25	1.50	.00	4.75	6.67	6.00
12.....	4.58	3.58	.67	5.08	7.75	7.83	4.00	1.42	3.25	5.00	6.75	6.83
13.....	4.58	3.58	1.33	4.92	7.75	7.75	3.92	1.42	3.25	5.00	6.83	7.00
14.....	4.50	3.58	1.50	4.92	8.00	7.58	3.75	1.33	3.17	5.00	6.83	7.00
15.....	4.50	3.58	1.67	4.75	8.25	7.42	3.58	1.25	3.17	5.00	6.83	6.92
16.....	4.50	3.58	1.67	4.67	8.75	7.25	3.42	1.17	3.17	5.08	6.75	6.83
17.....	4.42	3.58	1.67	4.50	9.00	7.00	3.25	1.08	3.17	5.08	6.67	6.67
18.....	4.42	3.58	1.67	4.42	9.25	6.92	3.08	1.00	3.17	5.08	6.50	6.50
19.....	4.33	3.58	1.67	4.33	10.00	6.75	3.00	.92	3.17	5.08	6.33	6.33
20.....	4.25	3.58	1.67	4.25	10.25	6.58	2.92	.83	3.17	5.17	6.08	6.17
21.....	4.25	3.58	1.67	4.25	10.25	6.42	2.83	.83	3.08	5.17	5.83	6.17
22.....	4.17	3.58	1.75	4.33	10.17	6.33	2.67	.75	3.08	5.17	5.58	6.17
23.....	4.17	3.58	1.75	4.42	9.75	6.17	2.50	.75	3.08	5.17	5.42	6.08
24.....	4.17	3.58	1.83	4.67	9.50	6.00	2.42	.67	3.08	5.17	5.25	6.00
25.....	4.08	3.58	1.83	5.00	9.50	6.00	2.33	.58	3.08	5.17	5.17	6.00
26.....	4.08	3.58	2.00	5.42	9.17	5.83	2.17	.50	3.08	5.17	5.00	5.92
27.....	4.00	3.58	2.17	5.58	9.00	5.83	2.00	.42	3.08	5.17	5.00	5.92
28.....	4.00	3.58	2.42	5.75	8.75	5.67	2.00	.42	3.08	5.17	5.00	5.92
29.....	3.92	.....	2.67	5.92	8.50	5.50	2.00	.42	3.08	5.17	5.00	5.83
30.....	3.92	.....	2.92	6.00	8.50	5.33	2.00	.33	3.08	5.08	5.00	5.83
31.....	3.92	.....	3.25	.....	8.50	.....	1.92	.33	.....	5.08	.....	5.83

March 9, 10, 11 and 12, waste gates opened; flashboards taken out. March 13, waste gates closed. April 6, waste gates opened. September 12, waste gates closed and flashboards put in.

Spokane River at Dam of the Washington Water Power Company, Spokane, Washington, for 1894.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	5.75	5.67	3.75	6.50	10.08	12.33	6.75	3.42	1.50	1.25	2.42	3.50
2.....	5.75	5.50	3.75	6.83	10.00	12.33	6.67	3.33	1.42	1.25	2.50	3.58
3.....	5.67	5.33	3.92	7.00	9.83	12.33	6.50	3.25	1.42	1.25	2.58	3.58
4.....	5.58	5.17	3.92	7.00	9.75	12.25	6.33	3.25	1.42	1.25	2.67	3.58
5.....	5.50	5.00	3.92	7.08	9.58	12.25	6.17	3.17	1.42	1.25	2.67	3.58
6.....	5.42	5.00	3.92	7.08	9.50	12.25	6.00	3.08	1.42	1.25	2.75	3.58
7.....	5.33	4.92	3.92	7.08	9.50	12.08	5.92	3.08	1.33	1.25	2.75	3.50
8.....	5.25	4.92	4.00	7.08	9.42	11.92	5.75	3.00	1.33	1.25	2.83	3.50
9.....	5.17	4.83	4.00	7.08	9.42	11.67	5.58	2.92	1.33	1.25	2.92	3.50
10.....	5.00	4.83	4.00	7.25	9.42	11.33	5.42	2.83	1.33	1.83	3.00	3.50
11.....	4.83	4.75	4.00	7.25	9.33	10.00	5.33	2.75	1.33	1.83	3.17	3.50
12.....	4.67	4.67	4.00	7.50	9.25	9.83	5.25	2.67	1.33	1.83	3.25	3.50
13.....	4.67	4.50	4.00	7.83	9.25	9.67	5.17	2.58	1.25	1.83	3.25	3.33
14.....	4.75	4.50	4.08	8.17	9.17	9.42	5.08	2.50	1.25	1.75	3.25	3.33
15.....	5.17	4.50	4.08	8.50	9.08	9.17	4.92	2.42	1.25	1.75	3.25	3.25
16.....	6.25	4.33	4.08	8.83	9.08	9.00	4.83	2.33	1.25	1.75	3.25	3.17
17.....	7.00	4.33	4.08	8.92	9.33	8.83	4.67	2.25	1.25	1.75	3.25	3.08
18.....	7.50	4.17	4.17	8.92	9.58	8.75	4.50	2.17	1.25	1.75	3.25	3.08
19.....	7.58	4.00	4.17	8.83	9.92	8.67	4.33	2.08	1.25	1.67	3.17	3.00
20.....	7.58	3.92	4.33	8.75	10.08	8.50	4.25	2.00	1.25	1.67	3.08	3.00
21.....	7.50	3.83	4.42	8.67	10.17	8.33	4.08	1.92	1.25	1.67	3.00	2.92
22.....	7.33	3.83	4.58	8.67	10.33	8.25	3.92	1.83	1.25	1.67	3.00	2.92
23.....	7.00	3.83	4.67	8.67	10.50	8.08	3.83	1.75	1.25	1.67	3.00	2.83
24.....	6.83	3.75	4.67	8.83	10.75	7.92	3.75	1.75	1.25	1.67	3.00	2.83
25.....	6.67	3.75	4.67	9.08	11.00	7.75	3.75	1.67	1.25	1.67	3.08	2.75
26.....	6.42	3.75	4.75	9.42	11.33	7.58	3.67	1.58	1.25	1.83	3.08	2.75
27.....	6.25	3.75	4.92	9.58	11.67	7.42	3.67	1.58	1.25	2.00	3.08	2.75
28.....	6.08	3.75	5.08	9.92	12.00	7.25	3.58	1.58	1.25	2.17	3.17	2.67
29.....	6.00	-----	5.33	10.08	12.17	7.08	3.58	1.58	1.25	2.25	3.25	2.58
30.....	5.92	-----	5.67	10.08	12.17	6.92	3.50	1.50	1.25	2.33	3.42	2.50
31.....	5.83	-----	6.00	-----	12.42	-----	3.50	1.50	-----	2.33	-----	2.50

April 4, waste gates opened. Flashboards were carried out in high water of April and May. October 10, waste gates closed.

Spokane River at dam of the Washington Water Power Company, Spokane, Washington, for 1895.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	2.42	3.50	4.83	4.17	7.00	6.00	3.33	1.75	2.75	3.00	3.00	3.50
2.....	2.42	3.42	4.83	4.33	7.17	6.00	3.25	1.75	2.75	3.00	3.00	3.50
3.....	2.33	3.42	4.92	4.42	7.17	5.83	3.00	1.75	2.75	3.00	3.00	3.50
4.....	2.33	3.25	5.00	4.50	7.25	5.75	3.00	1.67	2.83	3.00	3.00	3.50
5.....	2.25	3.17	5.08	4.67	7.25	5.67	3.00	1.67	2.83	3.00	3.00	3.50
6.....	2.25	3.17	5.08	4.67	7.33	5.58	3.00	1.58	2.83	3.00	3.08	3.50
7.....	2.25	3.08	5.00	4.75	7.50	5.58	2.83	1.58	2.83	3.00	3.08	3.50
8.....	2.25	3.00	4.83	4.75	7.50	5.50	2.83	1.58	2.92	3.00	3.17	3.50
9.....	2.25	2.92	4.83	4.75	7.58	5.33	2.75	1.58	3.00	3.00	3.17	3.50
10.....	2.33	2.83	4.75	4.88	7.67	5.00	2.67	1.58	3.00	3.00	3.17	3.50
11.....	2.33	2.83	4.67	4.92	7.67	5.00	2.67	1.58	3.00	3.00	3.17	3.50
12.....	2.42	2.75	4.50	5.00	7.50	5.00	2.58	1.50	3.08	3.00	3.17	3.58
13.....	2.67	2.75	4.50	5.00	7.33	5.00	2.58	1.50	3.17	3.00	3.17	3.58
14.....	3.08	2.67	4.42	5.17	7.00	5.00	2.50	1.42	3.00	3.00	3.17	3.67
15.....	3.50	2.58	4.42	5.25	7.00	4.67	2.50	1.42	3.00	3.00	3.17	3.67
16.....	4.00	2.58	4.42	5.33	6.83	4.50	2.42	1.42	3.00	3.00	3.17	3.67
17.....	4.33	2.58	4.25	5.30	6.75	4.33	2.42	1.42	3.00	3.00	3.17	3.67
18.....	4.33	2.58	4.17	5.67	6.75	4.25	2.42	1.33	3.00	3.00	3.17	3.67
19.....	4.33	2.50	4.17	5.67	6.67	4.17	2.33	1.25	3.00	3.00	3.17	3.67
20.....	4.33	2.50	4.00	5.75	6.58	4.08	2.33	1.17	3.00	3.00	3.17	3.67
21.....	4.42	2.50	4.00	5.75	6.58	4.00	2.25	1.08	3.00	3.00	3.17	3.67
22.....	4.25	2.50	3.92	5.75	6.58	3.83	2.25	1.00	3.00	3.00	3.17	3.67
23.....	4.25	2.67	3.83	5.88	6.58	3.83	2.17	.00	3.00	3.00	3.17	3.67
24.....	4.17	3.17	3.75	5.83	6.50	3.67	2.08	.00	3.00	3.00	3.17	3.67
25.....	4.17	3.58	3.75	6.00	6.33	3.58	2.00	.00	3.00	2.83	3.17	3.67
26.....	4.08	4.00	3.75	6.17	6.33	3.50	2.00	.00	3.00	2.83	3.17	3.67
27.....	4.00	4.33	3.75	6.50	6.17	3.50	2.00	.00	3.00	2.67	3.25	3.67
28.....	3.83	4.67	3.67	6.67	6.00	3.50	2.00	2.75	3.00	2.67	3.33	3.67
29.....	3.67	-----	3.67	6.92	6.00	3.50	1.92	2.75	3.00	2.83	3.33	3.75
30.....	3.67	-----	3.67	7.00	6.00	3.50	1.83	2.75	3.00	3.00	3.33	3.75
31.....	3.58	-----	4.00	-----	6.00	-----	1.75	2.75	-----	3.00	-----	3.75

August 23, waste gates opened. August 25, flashboards put in. August 28, one waste gate closed. September 5, other waste gate closed.

Spokane River at Spokane, Washington, for 1896.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	3.75	5.00	6.33	7.67	7.33	8.42	8.00	3.25	1.83	1.42	1.40	4.70
2.....	3.75	5.00	6.17	7.50	7.42	8.67	7.83	3.25	1.83	1.42	1.50	4.60
3.....	3.75	5.00	6.17	7.50	7.42	8.67	7.67	3.17	1.83	1.33	1.50	4.60
4.....	3.75	5.00	6.00	7.50	7.50	8.75	7.50	3.08	1.75	1.33	1.50	4.70
5.....	3.83	5.00	6.00	7.33	7.50	8.75	7.33	3.00	1.75	1.33	1.55	5.20
6.....	3.83	5.00	6.00	7.17	7.58	8.83	7.08	3.00	1.75	1.33	1.55	5.50
7.....	3.83	5.00	6.00	6.83	7.58	8.92	6.33	2.92	1.67	1.33	1.60	5.60
8.....	3.83	5.00	6.00	6.83	7.67	8.83	6.58	2.83	1.67	1.33	1.60	5.85
9.....	3.92	5.00	6.00	6.67	7.67	8.75	6.33	2.83	1.67	1.25	1.65	6.10
10.....	3.92	5.00	6.00	6.67	7.75	8.75	6.17	2.75	1.67	1.25	1.65	6.30
11.....	3.92	5.00	6.00	6.67	7.75	8.75	6.00	2.75	1.67	1.25	1.70	6.50
12.....	3.92	5.00	6.00	6.67	7.75	8.75	5.83	2.67	1.58	1.25	1.80	6.60
13.....	4.00	5.00	6.00	6.75	7.75	8.67	5.67	2.67	1.58	1.25	1.80	6.90
14.....	4.00	5.00	6.00	6.92	7.75	8.67	5.50	2.58	1.58	1.25	1.80	7.20
15.....	4.00	5.00	6.00	6.92	7.75	8.58	5.25	2.58	1.58	1.25	2.10	7.50
16.....	4.00	5.00	6.00	7.33	7.75	8.58	5.00	2.50	1.58	1.25	3.10	7.60
17.....	4.00	5.17	5.83	7.50	7.75	8.58	4.75	2.42	1.58	1.25	4.35	7.60
18.....	4.00	5.17	5.83	7.58	7.67	8.58	4.58	2.42	1.58	1.25	5.30	7.50
19.....	4.17	5.17	5.67	7.58	7.67	8.58	4.42	2.33	1.58	1.25	6.00	7.40
20.....	4.17	5.33	5.67	7.58	7.58	8.58	4.25	2.33	1.58	1.25	6.30	7.20
21.....	4.33	5.33	5.67	7.50	7.50	8.50	4.17	2.25	1.58	1.25	6.30	7.10
22.....	4.42	5.33	5.83	7.33	7.50	8.50	4.00	2.17	1.58	1.17	6.35	7.00
23.....	4.50	5.33	6.00	7.17	7.50	8.50	4.00	2.17	1.50	1.17	6.35	6.70
24.....	4.50	5.33	6.33	7.08	7.50	8.50	3.83	2.08	1.50	1.17	6.20	6.60
25.....	4.67	5.42	7.00	7.00	7.58	8.50	3.67	2.08	1.50	1.17	6.20	6.60
26.....	4.67	5.42	7.00	7.00	7.58	8.42	3.50	2.08	1.50	1.45	6.00	6.20
27.....	5.00	5.42	7.33	7.08	7.67	8.33	3.42	2.08	1.50	1.45	5.60	6.10
28.....	5.00	5.83	7.50	7.17	7.75	8.33	3.42	2.08	1.50	1.40	5.50	6.00
29.....	5.00	6.33	7.50	7.17	7.83	8.25	3.42	2.00	1.42	1.40	5.20	5.80
30.....	5.00	.....	7.67	7.25	8.00	8.17	3.33	1.92	1.42	1.40	5.00	5.60
31.....	5.00	.....	7.67	.....	8.17	.....	3.33	1.92	.....	1.40	.....	5.50

a New gage rod.

Umatilla River at Gibbon, Oregon.

Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....		0.80	0.80	0.80	1.00	1.60	17.....		0.80	0.80	0.80	4.00	2.40
2.....		.75	.80	.80	1.00	1.60	18.....		.80	.80	.85	3.80	2.30
3.....		.75	.80	.80	1.00	1.60	19.....		.80	.80	.85	3.45	2.25
4.....		.90	.80	.80	1.10	2.05	20.....		.80	.80	.85	3.00	2.20
5.....		.85	.80	.80	1.10	2.45	21.....		.80	.80	.85	2.70	2.10
6.....		.85	.80	.80	1.00	2.40	22.....	0.85	.80	.80	.85	2.45	.....
7.....		.85	.80	.80	1.00	2.30	23.....	.90	.80	.80	.80	2.30	2.05
8.....		.85	.80	.80	2.30	2.20	24.....	.85	.80	.80	.80	2.10	2.00
9.....		.85	.80	.80	1.90	2.20	25.....	.85	.80	.80	.80	2.05	1.90
10.....		.85	.80	.90	2.20	2.30	26.....	.85	.80	.80	.80	1.95	.....
11.....		.85	.90	.90	1.90	2.35	27.....	.85	.80	.80	.85	1.80	1.90
12.....		.85	.90	.85	1.70	3.90	28.....	.85	.80	.80	.85	1.75	1.85
13.....		.85	.85	.85	1.70	3.80	29.....	.85	.80	.80	.85	1.65	.....
14.....		.85	.85	.85	3.20	3.20	30.....	.80	.89	.80	.90	1.60	1.80
15.....		.85	.85	.85	4.10	2.80	31.....	.80	.90	.....	1.15	.....	.....
16.....		.80	.85	.80	4.00	2.55							

Sacramento River at Redbluff, California.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	1.00	10.70	3.40	7.40	9.70	6.10	2.40	0.70	0.40	0.40	0.80	3.60
2.....	1.00	8.90	3.40	6.90	9.20	5.90	2.30	.70	.40	.40	.70	4.50
3.....	1.00	7.90	3.30	6.30	9.10	5.90	2.30	.70	.40	.40	.60	4.80
4.....	1.00	6.90	3.00	6.00	16.90	5.80	2.20	.60	.30	.40	.50	4.00
5.....	1.00	6.20	3.10	5.80	15.30	5.80	2.10	.60	.30	.40	.50	3.90
6.....	1.00	5.90	3.80	7.20	12.60	5.80	1.90	.60	.30	.30	.50	4.20
7.....	1.00	5.20	5.50	9.00	10.90	5.50	1.90	.50	.30	.30	.30	4.20
8.....	1.00	4.90	5.80	8.50	9.80	5.40	1.80	.50	.30	.30	.40	4.00
9.....	1.00	4.70	6.20	7.10	9.10	5.20	1.70	.50	.30	.30	.80	4.00
10.....	1.00	4.60	5.40	7.30	8.40	4.80	1.70	.50	.30	.30	.89	4.00
11.....	1.00	4.20	4.90	6.90	11.50	4.40	1.70	.50	.30	.30	.80	4.60
12.....	1.00	4.10	4.40	6.40	9.80	4.20	1.70	.50	.30	.30	.60	4.80
13.....	1.00	4.00	4.40	6.10	8.80	4.20	1.60	.40	.30	.30	.60	6.20
14.....	3.20	3.80	4.40	7.20	8.10	4.20	1.60	.40	.30	.30	.60	10.60
15.....	7.20	3.80	4.20	6.50	7.60	4.20	1.60	.40	.30	.30	.60	20.60
16.....	11.60	3.70	4.00	6.10	7.20	4.00	1.50	.40	.30	.30	1.20	14.40
17.....	23.50	3.40	4.00	5.70	6.80	3.90	1.50	.40	.30	.30	6.60	9.70
18.....	23.00	3.20	3.90	5.40	6.50	3.80	1.40	.40	.30	.30	5.20	9.20
19.....	22.30	3.10	3.90	5.50	6.20	3.60	1.30	.40	.30	.30	3.00	8.30
20.....	20.90	3.00	4.00	5.20	5.90	3.40	1.30	.40	.60	.30	3.40	7.30
21.....	22.40	2.90	6.60	5.10	5.80	3.30	1.30	.40	.60	.30	2.80	7.10
22.....	19.00	2.90	7.30	5.20	8.30	3.20	1.20	.40	.60	.30	2.90	7.10
23.....	14.80	2.90	9.90	5.50	8.10	3.10	1.20	.40	.50	.30	6.70	7.60
24.....	13.20	2.70	11.90	13.70	7.40	2.90	1.10	.40	.50	.30	12.50	9.40
25.....	19.60	2.70	13.10	15.30	6.60	2.90	1.10	.40	.50	.30	7.60	8.20
26.....	16.00	2.70	13.60	13.50	6.90	2.80	1.10	.40	.40	.30	3.90	10.40
27.....	24.10	2.70	15.50	12.70	6.80	2.70	1.00	.40	.40	1.30	3.23	11.60
28.....	19.90	2.80	13.00	11.40	6.90	2.60	1.00	.40	.40	.90	2.70	16.40
29.....	16.10	2.80	10.40	9.50	6.90	2.50	.90	.30	.40	.70	3.30	15.20
30.....	12.00	-----	8.50	9.20	6.80	2.50	.90	.30	.40	.70	3.30	10.80
31.....	9.40	-----	8.20	-----	6.50	-----	.80	.30	-----	.60	-----	9.40

Sacramento River at Jellys Ferry, California.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	5.70	13.60	7.90	11.30	12.90	10.30	6.90	5.90	5.70	5.60	5.90	6.80
2.....	5.70	12.90	7.80	10.80	13.30	10.30	6.80	5.90	5.70	5.60	5.80	6.90
3.....	5.70	11.90	7.90	10.40	13.40	10.10	6.70	5.90	5.60	5.60	5.80	7.00
4.....	5.70	11.20	7.70	10.10	21.20	10.10	6.70	5.80	5.60	5.60	5.70	7.00
5.....	5.70	10.60	7.70	10.20	19.00	10.10	6.60	5.80	5.60	5.60	5.70	7.00
6.....	5.70	10.10	8.10	12.50	16.50	10.00	6.60	5.80	5.60	5.60	5.70	7.10
7.....	5.70	9.80	9.60	11.50	15.10	9.80	6.60	5.80	5.60	5.50	5.70	7.10
8.....	5.70	9.40	10.30	11.50	14.00	9.70	6.50	5.80	5.60	5.50	5.70	7.00
9.....	5.70	9.10	10.60	11.30	13.10	9.40	6.50	5.80	5.60	5.50	5.70	6.90
10.....	5.70	9.00	9.70	10.60	12.40	9.20	6.50	5.80	5.60	5.50	6.10	6.80
11.....	5.70	8.70	9.30	10.40	14.50	8.90	6.40	5.70	5.60	5.50	5.90	6.70
12.....	5.70	8.60	9.00	10.20	13.70	8.80	6.40	5.70	5.60	5.50	5.80	7.20
13.....	5.70	8.30	8.90	11.20	12.90	8.60	6.40	5.70	5.60	5.50	5.80	11.20
14.....	5.90	8.20	8.80	10.50	12.40	8.60	6.30	5.70	5.60	5.50	5.70	16.30
15.....	11.20	8.10	8.50	10.10	11.90	8.40	6.30	5.70	5.50	5.50	5.70	24.00
16.....	19.00	7.90	8.50	9.80	11.30	8.30	6.30	5.70	5.50	5.50	8.00	16.70
17.....	27.70	7.80	8.40	9.60	10.90	8.20	6.30	5.70	5.50	5.50	11.70	13.20
18.....	23.70	7.70	8.30	9.60	10.70	8.00	6.20	5.70	5.50	5.50	9.00	11.10
19.....	22.80	7.60	8.20	9.60	10.50	8.00	6.20	5.70	5.50	5.50	7.50	9.90
20.....	27.80	7.50	8.80	9.30	10.20	7.80	6.20	5.70	5.70	5.50	8.50	9.30
21.....	26.50	7.50	10.60	9.40	10.00	7.70	6.10	5.70	5.70	5.50	7.40	8.80
22.....	21.80	7.50	11.80	9.40	12.60	7.60	6.10	5.70	5.70	5.50	10.50	8.40
23.....	19.50	7.40	14.10	10.00	12.30	7.50	6.10	5.70	5.70	5.50	10.60	8.00
24.....	18.30	7.40	16.30	18.50	11.60	7.40	6.00	5.60	5.70	5.50	15.40	7.90
25.....	21.90	7.30	17.00	16.90	11.00	7.30	6.00	5.60	5.70	5.50	11.40	7.70
26.....	20.50	7.30	17.80	15.80	10.90	7.20	6.00	5.60	5.70	5.60	9.30	7.60
27.....	29.70	7.50	19.10	14.20	10.90	7.10	6.00	5.60	5.60	6.50	8.30	10.00
28.....	24.30	8.10	16.40	13.10	10.80	7.10	6.00	5.60	5.60	5.90	7.70	15.20
29.....	19.80	7.90	14.60	12.90	11.00	7.00	6.00	5.60	5.60	5.70	7.20	15.60
30.....	17.00	-----	13.30	13.50	11.00	7.00	6.00	5.60	5.60	5.70	7.10	16.20
31.....	14.60	-----	12.20	-----	10.60	-----	5.90	5.70	-----	5.70	-----	16.40

Stanislaus River at Oakdale, California.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	2.00	3.90	3.70	5.40	5.60	9.90	5.00	2.80	3.60	2.30	2.40	3.00
2.....	2.10	3.80	3.40	5.30	5.60	10.50	4.80	2.70	3.20	2.30	2.40	3.00
3.....	2.10	3.70	3.50	5.20	5.60	9.10	4.70	2.70	2.80	2.30	2.40	3.00
4.....	2.10	3.60	3.40	5.00	5.70	8.20	4.60	2.40	2.60	2.50	2.40	3.00
5.....	2.10	3.60	3.30	4.80	6.30	8.30	4.70	2.70	2.50	2.20	2.40	2.90
6.....	2.10	3.40	3.30	5.60	5.80	8.60	5.70	2.60	2.50	2.20	2.30	2.90
7.....	2.10	3.30	3.30	5.60	5.40	8.70	5.00	2.50	2.50	2.20	2.30	2.90
8.....	2.10	3.30	3.30	5.00	5.30	9.10	4.70	2.50	2.70	2.20	2.40	2.80
9.....	2.10	3.20	3.30	4.90	5.20	9.90	4.90	2.50	2.50	2.20	3.80	2.80
10.....	2.10	3.20	3.30	5.10	5.00	9.50	4.60	2.50	2.50	2.30	3.30	2.80
11.....	2.10	3.20	3.20	4.90	5.20	8.60	4.60	2.50	2.50	2.30	2.80	2.80
12.....	2.00	3.20	3.50	5.00	5.70	9.10	4.30	2.50	2.40	2.20	2.60	2.80
13.....	2.20	3.10	3.60	5.10	5.40	8.60	4.10	2.50	2.40	2.20	2.50	4.50
14.....	2.20	3.10	3.70	7.60	5.90	9.00	3.80	2.50	2.30	2.20	2.50	4.00
15.....	2.20	3.10	3.90	6.30	6.10	8.80	3.70	2.50	2.30	2.20	2.50	3.50
16.....	2.30	3.10	4.00	5.70	5.90	8.20	3.60	2.40	2.30	2.20	2.50	3.50
17.....	3.70	3.10	4.80	5.40	6.00	8.40	3.50	2.40	2.30	2.20	2.50	3.30
18.....	5.90	3.10	4.70	5.10	6.00	7.90	3.70	2.40	2.30	2.20	2.60	3.10
19.....	6.60	3.20	4.50	4.90	5.70	7.00	3.60	2.40	2.30	2.20	2.70	3.00
20.....	8.30	3.20	4.90	4.70	5.60	6.90	3.50	2.40	2.30	2.20	2.70	3.00
21.....	8.30	3.20	6.10	4.70	5.90	7.60	3.40	2.50	2.40	2.20	2.90	2.90
22.....	7.20	3.20	6.60	4.90	6.20	7.50	3.30	2.50	2.40	2.20	3.10	2.90
23.....	5.50	3.20	6.40	5.10	6.80	6.80	3.30	2.40	2.40	2.20	3.00	2.90
24.....	4.90	3.20	6.10	9.30	7.10	7.10	3.20	2.60	2.40	2.20	6.70	2.80
25.....	4.50	3.20	6.30	9.50	7.90	6.50	3.10	2.50	2.40	2.20	5.50	2.80
26.....	4.40	3.30	7.80	7.60	9.00	6.00	3.10	2.40	2.40	2.20	4.00	2.90
27.....	7.70	3.40	11.00	6.40	9.60	6.00	3.10	2.30	2.40	2.20	3.60	3.30
28.....	7.20	3.50	7.30	5.90	10.40	6.00	3.00	2.20	2.40	2.60	3.40	3.40
29.....	5.00	3.80	6.40	5.70	11.50	5.90	3.00	2.20	2.30	2.40	3.10	3.30
30.....	4.50	.....	6.10	5.60	9.90	5.30	2.90	2.30	2.30	2.30	3.00	3.20
31.....	3.90	.....	5.70	.....	10.30	.....	2.80	5.10	.....	2.30	.....	4.30

Tuolumne River at Lagrange, California.

Day.	Jan.	Feb.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	4.50	5.80	.....	6.40	9.30	7.40	5.00	5.70	4.20	4.50	5.10
2.....	4.50	5.80	.....	6.50	9.30	7.20	5.00	5.20	4.20	4.50	5.20
3.....	4.50	5.60	.....	6.70	9.60	7.10	5.00	5.00	4.10	4.40	5.20
4.....	4.50	5.50	.....	6.90	9.20	7.20	4.90	4.90	4.10	4.30	5.20
5.....	4.50	5.50	.....	7.00	9.30	7.70	4.80	4.80	4.10	4.30	5.20
6.....	4.50	5.40	.....	6.80	9.20	7.70	4.80	4.70	4.10	4.30	5.10
7.....	4.50	5.40	.....	6.70	9.60	7.50	4.70	5.20	4.00	4.30	5.10
8.....	4.50	5.30	.....	6.70	9.20	7.30	4.70	5.10	4.00	4.30	5.00
9.....	4.50	5.30	.....	6.70	9.60	7.40	4.60	4.80	4.60	4.30	5.00
10.....	4.50	5.30	.....	6.60	9.20	7.40	4.50	4.70	4.00	6.40	5.00
11.....	4.50	5.30	.....	6.70	9.20	7.40	4.50	4.60	4.00	5.60	5.00
12.....	4.50	5.30	.....	6.80	9.20	7.10	4.50	4.50	4.00	5.20	5.00
13.....	4.50	5.30	.....	6.60	9.40	6.80	4.50	4.50	4.00	5.00	6.80
14.....	4.50	5.30	.....	6.50	9.20	6.50	4.50	4.40	3.90	4.90	6.10
15.....	4.50	5.30	7.00	6.60	9.50	6.30	4.50	4.30	3.90	4.80	5.70
16.....	4.90	5.30	6.90	6.40	9.50	6.30	4.50	4.20	3.90	4.70	5.60
17.....	5.60	5.30	6.60	6.40	9.20	6.40	4.40	4.20	3.90	4.80	5.40
18.....	8.50	5.30	6.50	6.60	9.20	6.20	4.40	4.20	3.90	5.10	5.20
19.....	7.20	5.30	6.40	6.80	9.10	6.10	4.40	4.10	3.90	5.20	5.10
20.....	8.30	5.30	6.30	6.50	9.80	5.90	4.50	4.10	3.90	5.20	5.10
21.....	8.10	5.30	6.50	6.80	8.50	5.90	4.50	4.30	3.90	5.50	5.10
22.....	7.30	5.30	6.40	7.00	8.60	5.80	4.50	4.30	3.90	5.30	5.00
23.....	7.00	5.30	6.30	6.90	8.60	5.70	4.50	4.50	3.90	5.30	5.00
24.....	6.70	5.30	8.40	7.10	8.10	5.60	4.40	4.50	3.90	7.90	5.00
25.....	6.10	5.30	9.10	7.80	8.20	5.40	4.40	4.40	3.90	7.00	4.90
26.....	5.60	5.30	8.50	8.50	8.00	5.70	4.40	4.30	3.90	6.20	4.90
27.....	8.90	5.30	8.10	8.90	7.90	5.60	4.30	4.30	4.20	5.70	5.10
28.....	7.60	5.30	7.90	9.20	7.90	5.40	4.30	4.30	4.50	5.50	5.40
29.....	7.50	5.30	7.20	10.20	8.10	5.30	4.30	4.30	4.40	5.30	5.50
30.....	7.10	.....	6.70	9.60	7.60	5.20	4.30	4.20	4.40	5.10	5.30
31.....	6.40	.....	.....	9.60	.....	5.10	6.50	.....	4.40	.....	5.70

Tuolumne River at Modesto, California.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	3.80	6.30	6.00	7.50	7.80	16.40	10.30	5.30	7.40	3.70	3.80	5.20
2.....	3.80	6.10	5.60	7.10	7.80	16.90	9.90	5.00	6.00	3.60	3.80	5.10
3.....	3.70	5.90	5.60	7.20	7.70	17.00	9.50	4.80	5.30	3.60	3.80	5.00
4.....	3.60	5.80	5.30	7.10	7.90	14.80	9.60	4.80	4.90	3.50	3.80	5.10
5.....	3.60	5.70.	5.20	6.90	8.10	13.80	9.50	4.90	4.80	3.50	3.70	5.00
6.....	3.60	5.50	5.10	6.70	8.70	14.30	12.50	4.90	4.40	3.50	3.70	4.90
7.....	3.70	5.30	5.20	7.20	7.80	15.30	10.70	4.70	4.30	3.50	3.70	4.80
8.....	3.70	5.30	5.30	6.80	7.50	17.10	10.00	4.70	4.80	3.30	3.70	4.70
9.....	3.70	5.30	5.30	6.70	7.40	17.60	10.10	4.60	4.70	3.30	3.80	4.60
10.....	3.70	5.10	5.40	7.20	7.10	17.60	10.30	4.50	4.60	3.30	3.80	4.70
11.....	3.70	5.30	5.60	7.20	7.00	16.30	9.90	4.60	4.40	3.30	7.20	4.70
12.....	3.80	5.10	5.80	6.70	7.70	16.80	10.50	4.50	4.30	3.30	5.70	4.60
13.....	3.90	5.10	6.00	6.80	7.40	16.80	9.70	4.50	4.10	3.20	5.20	4.60
14.....	3.90	5.20	6.30	7.70	7.70	16.80	9.30	4.40	3.90	3.20	4.70	8.00
15.....	4.30	5.00	6.60	10.20	8.20	16.70	8.80	3.30	3.90	3.10	4.50	6.40
16.....	4.10	5.00	6.60	8.00	8.50	16.70	8.30	4.20	3.90	3.10	4.40	6.30
17.....	4.40	5.00	6.60	7.40	8.10	16.60	8.20	4.20	3.70	3.00	4.40	5.50
18.....	10.80	5.20	6.40	6.80	8.40	16.70	8.00	4.10	3.70	3.00	4.40	5.30
19.....	15.30	5.30	6.40	6.70	8.30	15.00	7.90	4.10	3.70	3.00	4.70	5.20
20.....	9.20	5.30	6.60	6.70	7.70	13.90	7.40	4.10	3.60	3.00	4.90	4.80
21.....	15.20	5.40	7.80	6.40	7.70	13.70	7.20	4.10	3.50	3.20	4.90	4.60
22.....	12.80	5.40	7.50	6.50	8.50	13.80	7.00	4.00	3.70	3.20	5.40	4.60
23.....	10.30	5.10	8.00	7.00	8.50	13.30	6.80	4.00	3.80	3.20	5.30	4.40
24.....	8.10	5.10	8.20	6.80	9.00	13.50	6.70	4.00	3.80	3.20	7.00	4.30
25.....	6.90	5.00	8.00	17.70	10.40	13.50	6.40	4.00	4.00	3.20	11.70	4.30
26.....	7.00	5.40	8.40	11.70	11.90	12.30	6.30	4.00	3.90	3.20	8.70	4.30
27.....	9.30	5.50	15.10	10.70	13.40	11.70	6.70	4.00	3.80	3.40	6.50	4.70
28.....	16.70	5.50	11.90	9.70	14.70	11.50	6.50	3.90	3.80	4.20	5.70	4.90
29.....	9.90	5.80	9.50	8.30	16.70	11.70	6.10	3.80	3.80	4.00	5.50	5.80
30.....	8.30	-----	8.40	8.40	17.60	11.00	5.80	3.80	3.70	3.80	5.30	5.50
31.....	6.80	-----	8.00	-----	16.10	-----	5.60	4.70	-----	3.80	-----	6.00

San Joaquin River at Herndon, California.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	2.60	3.70	3.80	4.60	4.50	9.20	5.90	3.50	3.40	2.30	2.80	2.80
2.....	2.50	3.70	3.90	4.40	4.60	9.60	5.70	3.40	3.30	2.30	2.70	2.70
3.....	2.50	3.60	3.80	4.20	4.70	9.70	5.50	3.50	3.20	2.30	2.70	2.70
4.....	2.50	3.60	3.70	4.10	4.90	9.10	5.40	3.50	3.10	2.50	2.70	2.70
5.....	2.60	3.40	3.50	4.10	4.90	9.10	6.00	3.40	3.00	2.50	2.70	2.70
6.....	2.70	3.30	3.40	4.00	5.60	8.90	6.60	3.40	3.00	2.40	2.70	2.80
7.....	2.70	3.30	3.40	4.20	4.80	8.80	6.10	3.30	2.80	2.40	2.70	3.00
8.....	2.60	3.20	3.40	4.00	4.50	8.80	5.80	3.30	3.20	2.30	2.70	2.90
9.....	2.60	3.20	3.50	4.00	4.50	8.70	5.70	3.30	3.30	2.30	2.70	2.80
10.....	2.60	3.30	3.50	4.00	4.30	8.90	5.80	3.30	3.10	2.30	2.70	2.80
11.....	2.60	3.30	3.60	4.30	4.30	8.70	6.90	3.30	3.10	2.30	3.30	2.80
12.....	2.60	3.30	3.70	4.20	4.60	8.00	6.10	3.30	2.90	2.30	3.20	2.80
13.....	2.60	3.30	3.80	4.10	4.60	7.60	5.90	3.30	2.90	2.30	3.00	2.80
14.....	2.60	3.30	3.80	4.20	4.90	8.80	5.60	3.30	2.80	2.30	2.90	3.30
15.....	2.60	3.30	3.80	4.10	5.20	8.80	5.20	3.30	2.70	2.30	2.90	3.80
16.....	2.80	3.30	4.00	4.30	5.20	8.70	4.80	3.30	2.70	2.30	2.80	3.50
17.....	3.20	3.30	4.00	5.60	5.00	8.90	4.70	3.30	2.70	2.30	2.80	3.30
18.....	4.20	3.30	4.00	4.70	5.20	8.70	5.20	3.30	2.70	2.30	2.80	3.10
19.....	8.50	3.30	4.00	4.20	5.00	8.00	4.80	3.50	2.70	2.30	2.80	3.00
20.....	5.00	3.30	4.00	4.00	4.80	7.80	4.70	3.50	2.60	2.30	2.80	3.00
21.....	8.00	3.30	4.30	4.00	5.00	8.00	4.50	3.40	2.50	2.30	2.80	2.90
22.....	6.50	3.30	4.30	4.00	5.00	7.70	4.40	3.30	2.50	2.40	2.70	2.80
23.....	4.80	3.30	4.70	3.90	5.10	7.30	4.60	3.30	2.50	2.40	2.80	2.80
24.....	4.30	3.40	4.80	3.90	5.60	7.00	4.50	3.30	2.50	2.30	3.00	2.70
25.....	4.00	3.40	4.70	4.00	6.10	7.00	4.50	3.30	2.50	2.30	4.20	2.70
26.....	3.80	3.50	4.80	5.90	7.10	6.60	4.50	3.10	2.60	2.30	3.70	2.80
27.....	4.00	3.50	8.30	5.40	7.10	6.40	4.40	3.00	2.50	2.50	3.70	2.80
28.....	5.00	3.50	5.90	4.80	8.10	6.30	4.00	3.00	2.50	2.50	3.20	3.00
29.....	4.30	3.80	5.40	4.60	10.20	6.30	3.90	3.00	2.30	3.00	3.00	3.10
30.....	4.00	-----	5.00	4.70	9.30	6.30	3.70	3.00	3.30	3.00	2.90	3.10
31.....	3.80	-----	4.70	-----	8.50	-----	3.70	3.00	-----	2.80	-----	3.00

Kings River at Red Mountain, California.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	4.00	5.30	5.30	5.00	6.00	10.40	7.90	5.60	4.50	3.90	4.20	4.30
2.....	4.00	5.10	5.10	5.20	6.00	10.40	7.60	5.50	4.40	3.90	4.20	4.30
3.....	4.00	5.10	5.30	5.30	6.00	10.40	8.00	5.50	4.40	3.90	4.20	4.30
4.....	4.00	5.10	5.30	5.40	7.00	10.40	8.40	5.30	4.40	3.90	4.10	4.30
5.....	4.00	5.00	5.30	5.50	7.00	10.40	8.70	5.20	4.40	3.90	4.10	4.30
6.....	4.00	4.90	5.30	6.00	8.00	10.40	8.70	5.10	4.50	3.80	4.10	4.30
7.....	4.00	4.90	5.20	6.50	8.00	10.40	8.70	5.00	4.50	3.80	4.00	4.30
8.....	4.00	4.90	5.30	7.00	7.00	10.40	8.70	5.00	4.50	3.80	4.00	4.30
9.....	4.00	4.90	5.40	7.50	6.00	10.40	8.60	4.90	4.50	3.80	4.30	4.30
10.....	4.00	4.80	5.50	8.00	5.50	11.40	8.60	4.90	4.50	3.80	4.60	4.30
11.....	4.00	4.80	5.70	7.00	5.50	11.40	8.60	4.90	4.50	3.80	4.90	4.30
12.....	4.00	4.80	5.90	6.40	5.50	10.90	8.20	4.80	4.40	3.80	4.60	4.30
13.....	4.00	4.80	6.00	6.90	5.50	10.70	7.80	4.80	4.30	3.80	4.50	4.20
14.....	4.00	4.80	6.00	7.50	7.00	10.50	7.30	4.80	4.30	3.80	4.40	4.20
15.....	4.00	4.80	5.90	7.10	7.00	10.60	7.20	4.80	4.20	3.80	4.30	4.30
16.....	4.30	4.90	5.80	6.00	8.00	10.80	7.10	4.80	4.10	3.80	4.30	4.40
17.....	4.90	4.90	5.80	5.00	8.00	10.90	7.00	4.80	4.10	3.80	4.20	4.40
18.....	9.20	4.90	6.00	4.00	8.00	11.00	6.90	4.90	4.10	3.80	4.10	4.40
19.....	7.00	4.90	6.00	4.50	8.00	10.70	6.70	4.90	4.00	3.80	4.10	4.30
20.....	6.40	5.00	6.30	5.00	8.00	10.40	6.50	5.00	4.00	3.80	4.10	4.20
21.....	9.80	5.00	6.40	5.00	8.00	10.10	6.50	5.00	4.00	3.80	4.10	4.20
22.....	7.10	4.90	6.40	5.00	8.00	9.80	8.50	5.00	4.10	3.80	4.10	4.20
23.....	6.40	4.90	6.70	5.50	8.00	9.50	7.50	4.80	4.20	3.80	4.60	4.20
24.....	5.90	4.90	6.90	6.00	8.00	9.20	7.00	4.80	4.20	3.80	5.00	4.20
25.....	5.70	5.10	8.80	6.50	9.00	8.80	6.50	4.70	4.20	3.80	5.40	4.20
26.....	5.70	5.10	8.00	8.00	10.00	8.80	6.30	4.70	4.10	3.90	4.80	4.30
27.....	5.50	5.10	7.20	8.00	11.00	8.80	6.20	4.70	4.10	4.30	4.60	4.20
28.....	6.00	5.50	6.50	7.50	12.00	8.80	6.00	4.60	4.10	4.30	4.40	4.20
29.....	5.70	5.50	6.00	6.00	12.00	8.50	5.80	4.60	4.00	4.30	4.20	4.20
30.....	5.40	-----	5.50	6.00	11.00	8.20	5.60	4.60	4.00	4.30	4.20	4.30
31.....	5.30	-----	5.00	-----	10.00	-----	5.60	4.50	-----	4.30	-----	4.30

Figures in italics are estimated from observations taken at Kingsburg, on the same river, and from other rod readings at Red Mountain.

Kings River at Kingsburg, California.

Day.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	2.20	5.20	4.10	4.30	4.00	10.30	6.50	3.50	3.70	4.40	4.40	4.40
2.....	2.20	5.10	4.30	4.10	4.40	10.30	6.00	3.30	3.70	4.50	4.30	4.50
3.....	2.20	5.00	5.10	4.00	4.80	9.90	6.10	3.30	3.70	4.50	4.30	4.50
4.....	2.20	4.80	5.10	3.90	5.40	9.30	6.00	3.30	3.70	4.50	4.20	4.50
5.....	2.20	4.60	5.10	3.80	5.90	9.30	6.70	3.30	3.70	4.50	4.00	4.50
6.....	2.20	4.60	4.60	3.30	6.50	9.30	7.10	3.30	3.70	4.60	3.80	4.50
7.....	2.20	4.50	3.60	3.10	5.90	9.60	6.70	3.20	3.70	4.60	3.80	4.50
8.....	2.20	4.20	3.10	3.00	5.00	10.30	6.50	3.20	3.70	4.60	3.70	4.40
9.....	2.20	3.80	2.90	3.00	4.60	10.50	6.30	3.20	3.80	4.50	3.70	4.30
10.....	2.20	3.70	2.80	6.00	4.20	10.70	6.40	3.20	3.80	4.50	3.60	4.30
11.....	2.10	3.60	2.90	5.70	3.70	9.90	6.70	3.30	3.70	4.50	4.00	4.40
12.....	2.10	3.50	3.10	4.60	4.00	10.00	6.50	3.60	3.80	4.50	4.90	4.50
13.....	2.10	3.30	3.50	4.00	4.70	9.90	6.30	3.80	3.70	4.60	4.50	4.30
14.....	2.20	3.10	3.60	3.00	5.30	9.60	6.10	3.80	3.60	4.50	4.30	4.80
15.....	2.20	2.80	3.80	6.10	6.20	9.50	5.90	3.80	3.60	4.50	4.00	3.50
16.....	2.20	2.80	3.60	4.60	6.30	9.30	5.50	3.70	3.50	4.50	3.90	3.20
17.....	3.30	2.70	3.20	3.70	5.80	9.80	5.50	3.70	3.50	4.30	3.70	3.30
18.....	5.40	3.00	3.30	3.10	6.20	9.30	5.60	3.70	3.50	3.80	3.50	3.70
19.....	8.70	3.00	3.70	3.00	6.20	8.70	5.60	3.80	3.50	3.30	3.50	4.00
20.....	6.50	3.00	3.70	4.30	5.90	8.40	5.00	3.90	3.50	3.30	3.70	4.00
21.....	8.00	2.90	4.20	4.20	6.20	8.50	4.70	3.80	3.50	3.30	3.70	4.10
22.....	7.70	2.90	4.50	4.00	6.40	8.00	4.60	3.80	3.50	3.30	3.60	4.10
23.....	6.50	2.60	4.50	3.40	6.10	7.70	4.30	3.70	3.40	3.10	3.70	4.00
24.....	6.20	2.40	5.00	3.30	6.60	7.20	6.40	3.70	3.40	3.10	3.80	4.00
25.....	5.90	2.50	5.80	5.00	7.40	7.00	5.70	3.70	3.40	3.00	4.70	3.80
26.....	5.90	2.50	5.50	7.20	8.40	6.80	5.40	3.70	3.40	3.00	5.30	3.80
27.....	5.80	2.50	8.00	6.60	9.30	6.70	4.90	3.70	4.10	3.50	4.70	3.90
28.....	6.10	2.60	6.30	5.70	10.30	6.70	4.30	3.70	4.30	4.00	4.60	4.20
29.....	6.10	3.00	5.80	4.70	11.10	6.70	3.90	3.70	4.30	4.50	4.50	4.40
30.....	5.80	-----	5.20	4.80	10.20	6.50	3.70	3.70	4.30	4.40	4.40	4.30
31.....	5.50	-----	4.80	-----	9.80	-----	3.60	3.70	-----	4.40	-----	4.20

Santa Ana River at Warm Springs, California.

Day.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	14.50	16.20	16.00	15.50	12.00	12.00
2.....	14.50	15.30	16.20	16.50	12.00	12.00
3.....	15.00	16.00	16.00	15.30	12.00	12.30
4.....	15.00	15.50	14.50	15.00	12.00	12.30
5.....	15.00	15.70	14.50	13.70	12.00	12.30
6.....	15.00	15.30	12.50	13.50	12.00	12.30
7.....	14.00	16.70	15.50	14.50	11.50	12.30
8.....	14.00	15.30	15.50	14.50	11.50	12.30
9.....	15.50	15.30	15.30	14.00	11.50	12.30
10.....	15.70	15.30	15.20	15.00	11.50	12.30
11.....	15.50	15.50	11.00	15.50	11.50	12.30
12.....	16.30	15.20	11.30	15.00	11.70	12.30
13.....	16.50	15.50	13.50	14.00	11.50	12.30
14.....	14.50	15.20	15.00	14.00	11.50	12.30
15.....	15.50	15.20	15.00	14.20	11.50	12.30
16.....	15.00	<i>a</i> 15.20	16.00	13.00	11.50	12.50
17.....	16.00	13.20	16.50	14.00	11.50	12.50
18.....	16.00	13.00	16.30	14.30	11.50	12.50
19.....	16.00	16.00	16.00	14.30	11.50	12.50
20.....	16.00	14.00	15.50	14.30	11.50	12.50
21.....	16.00	14.20	14.50	12.70	11.70	12.50
22.....	16.50	14.30	14.30	13.50	11.80	12.50
23.....	16.50	12.00	13.50	13.30	12.00	12.20
24.....	16.50	12.20	13.30	13.00	12.00	12.20
25.....	15.50	12.70	14.00	13.00	14.30	12.30
26.....	14.00	13.20	14.70	13.00	12.50	12.00
27.....	15.00	13.20	13.00	<i>a</i> 21.00	12.50	12.00
28.....	15.00	14.30	13.50	14.00	12.30	13.00
29.....	16.50	16.00	14.00	14.00	12.30	13.00
30.....	15.70	16.00	15.00	14.00	12.30	12.70
31.....	16.20	14.20	-----	14.00	-----	12.30

a On August 16 the discharge gates of Bear Valley Dam were temporarily closed on account of a storm, and on October 27 they were closed for the season. Discharge of Santa Ana Canal is not included in the above statement.

CURRENT METERS RATED IN 1896.

No. 16. Large Haskell meter. Property of B. M. Hall, Atlanta, Ga. Last rated July 14, 1896, and returned to B. M. Hall July 17, 1896.

No. 25. Small Haskell meter. Returned to office December 12, 1895; rated July 27, 1896, by A. P. Davis at the Kensington station, Md.; sent to Prof. A. L. Lamb, Port Deposit, Md., November 12, 1896.

No. 27. Small Haskell meter. Rated June 27, 1896, by A. P. Davis at Kensington station, Md.; sent to Oskar Huber, Spokane, Wash., October 20, 1896.

No. 63. Large Price electric meter. Rated by J. B. Lippincott and C. C. Babb June 18, 1896, at rating station, Kern County, Cal.; transferred by J. B. Lippincott to C. C. Babb and used by him during summer of 1896; last rated December 10, 1896, by C. C. Babb at Kensington station, Md.

No. 67. Large Price electric meter. Purchased July 2, 1896; rated July 14; sent to W. Richins, Arizona, July 27, 1896; was damaged in shipment and returned to this office for repairs August 26, 1896; repaired and rated September 25, at Kensington, Md. Sent to J. B. Lippincott, Los Angeles, Cal. September 26, 1896.

No. 68. Large Price electric meter. Purchased July 2, 1896; rated July 28, at Kensington station, Md., and used during the season of 1896 by E. G. Paul.

No. 69. Large Price electric meter. Purchased July 20, 1896; rated July 28, 1896, by E. G. Paul at Kensington station, Md., and sent August 26, 1896, to W. Richins for use in Queen Creek, Ariz.

No. 70. Large Price electric meter. Received December 15, 1896, to replace No. 62, large Price electric meter, which was destroyed by fire while in charge of a transportation company. Rated December 15, 1896, by E. G. Paul at Kensington station, Md.

No. 91. Small Price electric meter. Purchased November 12, 1896; rated December 10, 1896, at Kensington station, Md., by C. C. Babb and E. G. Paul.

Rating tables made in 1896 for current meters.

Revolutions per second.	Velocities in feet per second.										
	No. 16.	No. 25 H. P.	No. 25 L. P.	No. 27 H. P.	No. 27 L. P.	No. 63.	No. 67.	No. 68.	No. 69.	No. 70.	No. 91.
0.00.....	0.27	0.67	1.01	0.63	0.70	0.40	0.25	0.20	0.25	0.20	0.10
.10.....	.33	.73	1.12	.70	.83	.63	.45	.51	.53	.35	.25
.20.....	.42	.80	1.23	.76	.96	.91	.72	.81	.81	.65	.51
.30.....	.49	.86	1.35	.82	1.09	1.19	1.00	1.12	1.09	.97	.77
.40.....	.57	.93	1.46	.90	1.27	1.47	1.30	1.42	1.37	1.26	1.03
.50.....	.69	1.03	1.58	.99	1.44	1.75	1.60	1.73	1.65	1.55	1.29
.60.....	.80	1.13	1.72	1.07	1.61	2.03	1.90	2.04	1.93	1.85	1.55
.70.....	.92	1.23	1.87	1.15	1.79	2.31	2.19	2.36	2.21	2.14	1.81
.80.....	1.04	1.34	2.01	1.25	1.98	2.59	2.48	2.67	2.49	2.44	2.07
.90.....	1.16	1.44	2.16	1.33	2.19	2.87	2.77	2.98	2.77	2.73	2.33
1.00.....	1.28	1.55	2.33	1.42	2.40	3.15	3.06	3.29	3.04	3.03	2.59
1.10.....	1.40	1.65	2.50	1.51	2.62	3.43	3.35	3.59	3.32	3.33	2.85
1.20.....	1.52	1.75	2.68	1.60	2.83	3.71	3.64	3.90	3.60	3.62	3.11
1.30.....	1.64	1.85	2.86	1.69	3.04	3.99	3.93	4.19	3.88	3.92	3.37
1.40.....	1.76	1.95	3.03	1.77	3.25	4.27	4.23	4.48	4.16	4.22	3.63
1.50.....	1.88	2.05	3.19	1.86	3.46	4.55	4.53	4.77	4.44	4.51	3.90
1.60.....	2.00	2.15	3.36	1.97	3.67	4.83	4.82	5.06	4.72	4.81	4.16
1.70.....	2.12	2.26	3.54	2.07	3.88	5.11	5.11	5.36	5.00	5.11	4.42
1.80.....	2.24	2.36	3.72	2.18	4.09	5.39	5.40	5.65	5.28	5.40	4.68
1.90.....	2.36	2.48	3.90	2.29	4.30	5.67	5.70	5.94	5.56	5.70	4.94
2.00.....	2.48	2.59	4.07	2.39	4.51	5.95	6.00	6.23	5.84	6.00	5.20
2.10.....	2.60	2.71	4.24	2.49	4.72	6.23	6.29	6.52	6.12	6.29	5.63
2.20.....	2.72	2.83	4.42	2.60	4.93	6.51	6.58	6.81	6.40	6.58	6.07
2.30.....	2.84	2.95	4.59	2.71	5.14	6.79	6.87	7.10	6.68	6.88	6.50
2.40.....	2.96	3.07	4.77	2.81	5.35	7.07	7.17	7.39	6.96	7.17	7.60
2.50.....	3.08	3.19	4.95	2.92	5.56	7.35	7.47	7.68	7.24	7.46	8.80
2.60.....	3.20	3.31	5.13	3.02	5.77	7.63	7.77	7.97	7.52	7.76	10.30
2.70.....	3.32	3.43	5.31	3.12	5.98	7.91	8.06	8.26	7.80	8.05	11.60
2.80.....	3.44	3.55	5.49	3.23	6.18	8.19	8.36	8.55	8.08	8.34	.....
2.90.....	3.56	3.67	5.67	3.34	6.39	8.47	8.65	8.85	8.37	8.63	.....
3.00.....	3.68	3.79	5.85	3.44	6.61	8.75	8.95	9.13	8.65	8.92	.....
3.10.....	3.80	3.91	6.02	3.56	6.82	9.03	9.24	9.42	8.94	9.21	.....
3.20.....	3.92	4.03	6.20	3.66	7.03	9.31	9.53	9.71	9.22	9.50	.....
3.30.....	4.04	4.15	6.38	3.77	7.24	9.59	9.82	10.00	9.51	9.80	.....
3.40.....	4.16	4.26	6.56	3.88	7.45	9.87	10.11	10.29	9.80	10.10	.....
3.50.....	4.28	4.38	6.74	3.98	7.66	10.15	10.41	10.59	10.10	10.39	.....
3.60.....	4.40	4.50	6.92	4.09	7.87	10.43	10.70	10.89	.....	10.68	.....
3.70.....	4.52	4.62	7.09	4.19	8.08	10.71	10.99	.....	.....	10.98	.....
3.80.....	4.64	4.74	7.27	4.30	.....	10.99	11.28	.....	.....	11.28	.....
3.90.....	4.76	4.86	7.44	4.40	.....	11.27	11.57	.....	.....	11.57	.....
4.00.....	4.88	4.98	7.61	4.51	.....	11.55	11.87	.....	.....	11.86	.....
4.10.....	5.00	5.10	7.79	4.62	.....	11.83	12.17	.....	.....	.....	.....
4.20.....	5.12	5.22	7.97	4.73	.....	12.11	12.46	.....	.....	.....	.....
4.30.....	5.24	5.34	8.14	4.83	.....	12.39	12.76	.....	.....	.....	.....
4.40.....	5.36	5.46	8.31	4.93	.....	12.67	13.05	.....	.....	.....	.....
4.50.....	5.48	5.58	8.49	5.04	.....	12.95	13.35	.....	.....	.....	.....
4.60.....	5.60	5.70	8.67	5.14	.....	13.23	.....	.....	.....	.....	.....
4.70.....	5.72	5.81	8.85	5.24	.....	13.51	.....	.....	.....	.....	.....
4.80.....	5.84	5.92	9.03	5.34	.....	13.79	.....	.....	.....	.....	.....
4.90.....	5.96	6.04	.....	5.45	.....	14.07	.....	.....	.....	.....	.....
5.00.....	6.08	6.16	.....	5.55	.....	14.35	.....	.....	.....	.....	.....

DRAINAGE AREA MEASUREMENTS.¹

	Square miles.
American Fork near American Fork, Utah	66
Animas River at Durango, Colorado	812
Arkansas River, East Fork, near Leadville, Colorado	44
Arkansas River, Lake Fork, near Leadville, Colorado	21
Arkansas River, Tennessee Fork	44
Arkansas River at Granite, Colorado	425
Arkansas River at Salida (above South Fork)	1, 160
Arkansas River at Canyon City, Colorado	3, 060
Arkansas River at Swallows, Colorado	4, 300
Arkansas River at Pueblo, Colorado	4, 600
Arkansas River at La Junta, Colorado (including Fountain Creek drainage, 1,011 square miles)	12, 200
Arkansas River at railroad bridge above Holly, Colorado (including Animas River, 7,333 square miles)	23, 500
Arkansas River at Colorado-Kansas State line	24, 600
Arkansas River at Hutchinson, Kansas	34, 000
Bear Creek at Morrison, Colorado	170
Bear River at Battle Creek, Idaho	4, 500
Bear River at Collinston, Utah	6, 000
Bear River at Soda Springs, Idaho	3, 940
Black Warrior River at Tuscaloosa, Alabama	4, 900
Blacks Fork, 3 miles west of Granger, Wyoming	1, 747
Boise River at Boise, Idaho	2, 450
Boise River at Caldwell, Idaho	3, 360
Boulder Creek, South, at South Boulder Canyon, near Marshall, Colorado ..	125
Boulder Creek, North, at Boulder, Colorado	179
Boulder Creek, near Boulder, Colorado	102
Blue River in Kansas	2, 450
Blue River in Nebraska	7, 040
	9, 490
Broad River at Gaffney, South Carolina	1, 435
Broad River at Alston, South Carolina	4, 609
Bruneau River at Grand View, Idaho	1, 800
Cache la Poudre River above Fort Collins, Colorado	1, 060
Caliente Creek:	
Tehachapi Creek	108
Caliente Creek proper	219
Basin Creek	96
	423
Canadian River in Kansas	5, 110
Canadian River in New Mexico	16, 900
Canadian River in Texas	18, 620
	40, 630
Cape Fear River at Fayetteville, North Carolina	4, 493
Carson River, east, at Rodenbahs, Nevada	414
Carson River, west, at Woodford, California	70
Carson River near Empire, Nevada	894
Catawba River at Catawba, South Carolina	3, 492
Catawba River at Fort Mill, South Carolina	2, 987
Chama River at Abiquin, New Mexico	2, 300
Chattahoochee at Oakdale, Georgia	1, 560
Chattahoochee at Westpoint, Georgia	3, 300
Chowchilla Creek above sec. 1, T. 9 S., R. 18 E.	268
Cimarron at Arkalon, Kansas	5, 200
Clear Creek, 4 miles west of Buffalo, Wyoming	118
Clear Creek near Granite, Colorado	72
Colorado River in Arizona ²	56, 182
Colorado River in California	8, 610
Colorado River in Colorado	5, 490
Colorado River in Nevada	3, 200
Colorado River in New Mexico	19, 000
Colorado River in Utah	21, 633
	114, 115

¹A number of the drainage areas not given in this table are to be found on pages 107 to 110 of the Eleventh Annual Report, Part II.

²Thirteenth Ann. Rept., Part III, p. 33; area in square miles of principal drainage basins, by States.

	Square miles.
Colorado River at Yuma, Arizona.....	225, 049
Columbia River in Oregon ¹	24, 093
Columbia River in Idaho.....	7, 880
Columbia River in Montana.....	25, 000
Columbia River in Washington.....	26, 160
Connecticut River at Hartford, Connecticut.....	59, 040
Coosa River at Riverside, Alabama.....	10, 234
Coosawattee River at Carters, Georgia.....	6, 850
Cottonwood Creek, South Fork, near Buena Vista, Colorado.....	532
Cottonwood Creek, Middle Fork, near Buena Vista, Colorado.....	28
Dan River at Clarksville, Virginia.....	37
Dolores River at Dolores, Colorado.....	3, 798
Elkhorn River at Norfolk, Nebraska.....	562
Etowah River at Canton, Georgia.....	2, 474
Falls River, 5 miles above mouth, Idaho.....	573
Fort Tejon Creek, including Cuddy Creek and Castac Lake (upper basin, 56).....	594
French Broad River at Asheville, North Carolina.....	93
Frenchman River at Wauneta, Nebraska.....	987
Frenchman River at Palisade, Nebraska.....	989
Gallatin River at Logan, Montana.....	1, 032
Gila River at Buttes, Arizona.....	1, 620
Gila River, including small lost basins, in Arizona ¹	13, 750
Gila River, including small lost basins, in New Mexico.....	56, 838
Goose Creek, Big, at Sheridan, Wyoming, below mouth of Little Goose Creek.....	14, 300
Goose Creek, Little, at Sheridan, Wyoming.....	71, 138
Grand River at Glenwood Springs, Colorado.....	320
Grand River at Grand Junction, above Gunnison River, Colorado.....	128
Grand River at Grand Junction, below Gunnison River (including, above Uncompahgre, 497 square miles, and Gunnison, at mouth, 7,935 square miles).....	5, 838
Grand River in Colorado ¹	8, 644
Grand River in Utah.....	16, 579
Great Basin in California ¹	22, 294
Great Basin in Idaho.....	3, 873
Great Basin in Nevada.....	26, 167
Great Basin in Oregon.....	47, 240
Great Basin in Utah.....	3, 420
Great Basin in Wyoming.....	102, 220
Green River at Green River, Wyoming.....	18, 950
Green River at Blake, Utah.....	43, 548
Green River in Colorado ¹	1, 494
Green River in Utah.....	216, 872
Green River in Wyoming.....	7, 450
Greenbrier River at Alderson, West Virginia.....	38, 200
Greenbrier River at mouth, West Virginia.....	47, 225
Gunnison River at Grand Junction, Colorado.....	1, 344
Gunpowder River at Baltimore Conduit, Maryland.....	1, 575
Henry Fork, 1 mile above mouth of Falls River, Idaho.....	7, 935
Hiwassee River at Murphy, North Carolina.....	294
Humboldt River at Elko, Nevada.....	931
Humboldt River at Battle Mountain, Nevada.....	410
Humboldt River at Golconda, Nevada.....	2, 840
Humboldt River (including Grassy Valley) at Oreana, Nevada.....	7, 800
Humboldt River, South Fork, at Masons Ranch, Nevada.....	10, 780
James River, South, at mouth, Virginia.....	14, 967
James River, North, at East Glasgow, Virginia.....	536
James River at Buchanan, Virginia.....	116
James River at Balcony Falls, Virginia.....	831
Jefferson River at Sappington, Montana.....	2, 058
Jefferson River at Three Forks, Montana.....	3, 027
Jones Falls at Baltimore Conduit, Maryland.....	8, 984
Kansas River at Lecompton, Kansas.....	9, 400
Kansas River at Lawrence, Kansas.....	38
	58, 554
	59, 841

¹ Thirteenth Ann. Rept., Part III, p. 33; area in square miles of principal drainage basins, by States.

	Square miles.	
Kansas River in Kansas.....	34, 526	
Kansas River in Nebraska.....	17, 455	
Kansas River in Colorado.....	9, 459	
	<hr/>	61,440
Kaweah River above sec. 3, T. 18 S., R. 27 E., California.....		619
Kern River at first point of measurement above Bakersfield, California, including—		
North Fork.....	1, 115	
South Fork.....	1, 050	
Lower Basin.....	180	
	<hr/>	2, 345
Kings River.....		1, 742
Laramie River above Woods Landing, Wyoming (in Colorado, 343).....		435
Laramie River at Uva, Wyoming (including in Colorado, 428).....		3, 179
Laramie River at mouth at Fort Laramie (not including 500 square miles of lost drainage to James Lake, Cooper Lake, etc.).....		4, 076
Logan River at Logan, Utah.....		218
Loup River, Middle, at St. Paul, Nebraska.....		6, 849
Loup River, North, at St. Paul, Nebraska.....		4, 024
Loup River at Columbus, Nebraska.....		13, 542
Madison River at Redbluff, Montana.....		2, 085
Madison River at Threeforks, Montana.....		2, 402
Malad River at Taponis, Idaho.....		2, 190
Malheur River at Vale, Oregon.....		9, 900
Medicine River at Kiowa, Kansas.....		1, 300
Merced River above Merced Falls, California.....		1, 076
Middle Creek near Bozeman, Montana.....		55
Mississippi River at St. Paul, Minnesota (Minnesota River, 16,350).....		36, 085
Missouri River at Townsend, Montana.....		14, 500
Missouri River at Canyon Ferry, Montana.....		15, 036
Missouri River at Craig, Montana.....		17, 615
Missouri River above Yellowstone, in Montana ¹	81, 018	
Missouri River above Yellowstone, in Wyoming.....	760	
	<hr/>	81, 778
Monocacy River at Frederick, Maryland.....		665
Nantahalal River at mouth, North Carolina.....		193
Natches River at North Yakima, Washington.....		1, 000
Neosho River at Iola, Kansas.....		3, 670
Neuse River at Selma, North Carolina.....		1, 175
New River at Greenbrier River, West Virginia.....		4, 523
New River at Hinton, West Virginia.....		5, 600
New River at Fayette, West Virginia.....		6, 200
North Platte River above Sweetwater (including in Colorado, 1696).....		7, 668
North Platte River above Douglas, Wyoming.....		14, 255
North Platte River above Orin Junction, Wyoming.....		14, 828
North Platte River above Fort Laramie, Wyoming.....		16, 416
North Platte River below Laramie River, Wyoming.....		20, 492
North Platte River in Wyoming and Colorado.....		23, 643
North Platte River at Camp Clark, Nebraska.....		24, 225
North Platte River to North Platte, Nebraska.....		28, 517
Ocmulgee River at Macon, Georgia.....		2, 425
Oconee River at Carey, Georgia.....		1, 346
Ogden River at Powder Mills, Utah.....		360
Oostenaula River at Resaca, Georgia.....		1, 527
Owyhee River at Ontario, Oregon.....		9, 875
Patapsco River at Woodstock, Maryland.....		251
Patuxent River at Laurel, Maryland.....		137
Payette River at Payette, Idaho.....		3, 565
Piedras River at Arboles, Colorado.....		650
Platte River at North Platte:		
North Platte River.....	28, 517	
South Platte River.....	23, 294	
	<hr/>	51, 811
Platte River at Columbus, Nebraska.....		56, 867
Platte River, North and South, in Colorado ¹	22, 230	
Platte River in Nebraska.....	10, 850	
Platte River in Wyoming.....	24, 240	
	<hr/>	57, 320

¹Thirteenth Ann. Rept., Part III, p. 33; area in square miles of principal drainage basins, by States.

	Square miles.
Portneuf River at McCammon, Idaho.....	500
Potomac River, North Branch, above Bloomington, Maryland.....	293
Potomac River, North Branch, at Piedmont, West Virginia (including Savage Creek, 111).....	409
Potomac River, North Branch, at Cumberland, Maryland (including New Creek, at mouth, at Keyser, West Virginia, 56).....	891
Potomac River, North Branch, at junction with South Branch (including Patterson Creek at Burlington, below Mill Creek, 155, and at mouth, 279).....	1, 365
Potomac River, South Branch, at junction with North Fork (including at Franklin, 188).....	318
Potomac River, South Branch, including North Fork (including North Fork below Seneca Creek, 240, and at mouth, 322).....	640
Potomac River, South Branch, at Moorefield, West Virginia (including Mill Creek at mouth, 101).....	897
Potomac River, South Branch, below Moorefield (including South Fork at Fort Seybert, West Virginia, 155, and at mouth at Moorefield, 301).....	1, 198
Potomac River, South Branch, at Romney, West Virginia.....	1, 407
Potomac River, South Branch, at United States Geological Survey station at railway bridge, between Romney and Springfield, West Virginia.....	1, 443
Potomac River, South Branch, at mouth.....	1, 487
Potomac River at junction of North and South branches.....	2, 852
Potomac River above Great Cacapon River (including Little Cacapon River, 117).....	3, 388
Potomac River below Great Cacapon River (including Great Cacapon above North River, 404, and at mouth, 671).....	4, 059
Potomac River at Hancock, West Virginia.....	4, 099
Potomac River at Williamsport, Maryland (including Warm Spring Creek at mouth, 16; Conoloway Creek, 125; Sleepy Creek, 146; Licking Creek, 195; Back Creek, 288, and Conococheague Creek, 579).....	5, 556
Potomac River at Harpers Ferry, West Virginia (including Opequon Creek, 335; Antietam Creek, 305).....	6, 354
Potomac River below Harpers Ferry, West Virginia (including Shenandoah River, 3,009).....	9, 363
Potomac River at Weverton, Maryland.....	9, 397
Potomac River at Point of Rocks, Maryland.....	9, 654
Potomac River at Edwards Ferry, below Goose Creek (including Monocacy River at mouth, 941, and Goose Creek, 384).....	11, 100
Potomac River at Great Falls, Maryland (including Seneca Creek, 132).....	11, 427
Potomac River at Chain Bridge, District of Columbia.....	11, 545
Prosser Creek at Boca, California.....	55
Provo River at Provo, Utah.....	640
Purgatoire River at Trinidad, Colorado.....	742
Purgatoire River at Las Animas, Colorado.....	3, 040
Red Rock Creek at Redrock, Montana.....	1, 330
Republican River, North Fork, at Haigler, Nebraska.....	1, 390
Republican River at Superior, Nebraska.....	22, 347
Republican River at Junction City, Kansas.....	25, 837
Republican River in Colorado.....	7, 926
Republican River in Nebraska.....	10, 415
Republican River in Kansas.....	7, 496
	25, 837
Rio Grande at Del Norte, Colorado.....	1, 400
Rio Grande at Embudo, New Mexico.....	7, 000
Rio Grande at Rio Grande, New Mexico.....	11, 250
Rio Grande at El Paso, Texas.....	30, 000
Rio Grande in Colorado ¹	7, 527
Rio Grande in New Mexico (including Pecos River).....	72, 380
Rio Grande in Texas.....	80, 550
	160, 457
Roanoke River at Roanoke, Virginia.....	388
Roanoke River at Clarksville, Virginia.....	7, 344
Roanoke River at Neal, North Carolina.....	8, 717
Rock Creek at Battle Mountain, Nevada.....	725
Rock Creek, Little, at Palmdale, California.....	78
Sacramento River at Jellys Ferry, California.....	9, 134
Sacramento River above Redbluff, California.....	9, 356

¹ Thirteenth Ann. Rept., Part III, p. 33; area in square miles of principal drainage basins, by States.

	Square miles.
Sacramento and San Joaquin rivers in California	63,020
Sacramento River	655
	<hr/> 63,675
Salt River below Tonto Creek, Arizona	5,756
Salt River in canyon 20 miles above Verde	5,880
Salt River at Arizona Dam, Arizona	12,260
Saline River at Beverly, Kansas	2,730
Saline River at mouth, Kansas	3,311
Saluda River at Waterloo, South Carolina	1,056
San Emidio Creek, California	54
San Gabriel River in canyon above Azusa, California	220
San Joaquin River above Hamptonville, California	1,637
San Juan River at Arboles, Colorado	1,394
San Miguel River at Seymour, Colorado	327
San Pedro River at Dudleyville, Arizona	2,870
Santa Ana River at Warm Springs, Colorado	184
Savannah River below Rocky River, at Calhoun Falls, South Carolina, above Beaverdam Creek	2,712
Savannah River above Augusta, Georgia	7,294
Sevier River at Leamington, Utah	5,595
Shenandoah River (North Fork) at Brocks Gap, Virginia	215
Shenandoah River (North Fork) at Mount Jackson, Virginia	511
Shenandoah River (North Fork) at Riverton, Virginia	1,037
Shenandoah River (South Fork) at Port Republic, Virginia (including Mid- dle River to junction with North River, 363; North River to junction with Middle River, 418; to junction with South River, 804; South River to junc- tion with North River, 216)	1,050
Shenandoah River (South Fork) at Milnes, Virginia	1,288
Shenandoah River (South Fork) at Overall, Virginia	1,491
Shenandoah River (South Fork) at mouth at Riverton, Virginia	1,587
Shenandoah River at Riverton, Virginia (including North Fork, 1,037, and South Fork, 1,587)	2,624
Shenandoah River at Millville, West Virginia	2,995
Shenandoah River at mouth at Harpers Ferry, West Virginia	3,009
Shoshone River at Corbett, Wyoming	1,718
Shoshone River, South Fork, at Marquette, Wyoming	500
Smoky Hill River at Ellsworth, Kansas (including in Colorado 1,533, in Kansas 6,447)	7,980
Smoky Hill River below Ellsworth, exclusive of Saline and Solomon rivers	2,255
Smoky Hill River at mouth at Junction City, Kansas	20,428
Snake River, North Fork, at Ferry, Idaho	931
Snake River at Idaho Falls, Idaho	10,100
Snake River at Montgomery Ferry, Idaho	22,600
Snake River in Idaho ¹	73,500
Snake River in Nevada	5,280
Snake River in Oregon	17,950
Snake River in Washington	6,682
Snake River in Wyoming	5,268
	<hr/> 108,680
Solomon River at Beloit, Kansas	5,539
Solomon River at mouth, Kansas	6,882
South River at Port Republic, Virginia	1,050
South Platte River at Deansbury, Colorado	2,600
South Platte River at Denver, Colorado (including Bear Creek at Morrison, 170)	3,840
South Platte River at Greeley, Colorado, above mouth of Cache la Poudre River	7,110
South Platte River below Greeley, Colorado	9,575
South Platte River at Orchard, Colorado	12,260
South Platte River at mouth at North Platte River, Nebraska	23,294
Spanish Fork near Spanish Fork, Utah	670
Spokane River at Spokane, Washington	4,005
St. Vrain Creek near Lyons, Colorado	209
Stanislaus River at Oakdale, California	1,051
Staunton River at Clarksville, Virginia	3,546
Sun River at Augusta, Montana	1,175

¹Thirteenth Ann. Rept., Part III, p. 33; area in square miles of principal drainage basins, by States.

	Square miles.
Sweetwater River (Wyoming) at mouth.....	2, 929
Sweetwater River at Sweetwater Dam, California.....	186
Tar River at Tarboro, North Carolina.....	2, 290
Tejon House Creek at Tejon Ranch House, Kern County, California.....	17
Tennessee River, Little, at Judson, North Carolina.....	682
Teton River at Wilford, Idaho.....	967
Thompson Creek near Loveland, Colorado.....	305
Tongue River at Miles, Montana.....	3, 875
Truckee (Little) River at Boca, California.....	186
Truckee River at Boca, California.....	887
Truckee River at Tahoe, California.....	550
Truckee River near Essex, Nevada.....	991
Truckee River near Laughtons, Nevada.....	1, 054
Truckee River near Vista, Nevada.....	1, 519
Tuckaseegee River 3 miles above Bryson, North Carolina.....	609
Tule River above Portersville, California.....	437
Tuolumne River above Roberts Ferry, California, at foothills.....	1, 501
Tuolumne River at Modesto.....	1, 635
Twin Lake Creek below Twinlakes, Colorado.....	102
Umatilla River at Gibbon, Oregon.....	353
Umatilla River at Pendleton, Oregon.....	640
Uncompahgre River at Fort Crawford, Colorado.....	497
Verde River 1 mile above Salt River.....	6, 000
Verdigris River at Independence, Kansas.....	3, 067
Weber River at Uinta, Utah.....	1, 600
Weiser River at Weiser, Idaho.....	1, 670
West Gallatin River above Salesville, Montana.....	860
White River at White River City, Colorado.....	1, 773
Wood River at Hailey, Idaho.....	993
Wood River, Little, at Taponis, Idaho.....	1, 270
Yadkin River at Holtsburg, North Carolina.....	3, 399
Yadkin River at Norwood, North Carolina.....	4, 614
Yakima River at Union Gap, Washington (of this, Tiaton, 330).....	3, 300
Yakima River at Kiona, Washington.....	5, 230
Yellowstone River at Horr, Montana.....	2, 700
Yellowstone River in Montana ¹	36, 312
Yellowstone River in North Dakota.....	250
Yellowstone River in Wyoming.....	33, 121
	<hr/> 69, 683

¹Thirteenth Ann. Rept., Part III, p. 33; area in square miles of principal drainage basins, by States.