WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U. S. ARMY.

DIVISION OF TELEGRAMS AND REPORTS FOR THE BENEFIT OF COMMERCE AND AGRICULTURE.

PRECIPITATION CHART FOR MAY, 1877.

Scale of Shades

- Less than 1 inch
- From 1 to 2 "
- " 2 " 4 "
- " 4 " 8 "
- Over 8 inches

AVERAGE PRECIPITATION FOR MAY.

DISTRICTS.	Average for May. For many years.	For 1877.	Comparison of May, 1877, with the average for many years.
	Inches.	Inches.	
St. Lawrence valley	3.20	1.05	Large deficiency.
New England	4.10	2.45	Large deficiency.
Middle Atlantic States	3.65	1.95	Large deficiency.
South Atlantic States	4.00	2.40	Large deficiency.
Eastern Gulf States	4.10	2.25	Large deficiency.
Western Gulf States	3.70	2.20	Large deficiency.
Lower Lake region	3.20	0.85	Large deficiency.
Upper Lake region	3.45	1.25	Large deficiency.
Ohio Valley and Tennessee	3.70	2.00	Large deficiency.
Upper Mississippi Valley	3.60	3.95	Small excess.
Lower Missouri Valley	4.10	6.90	Large excess.
Upper Missouri Valley	3.75	4.40	Small excess.
Minnesota	2.60	4.90	Large excess.
San Diego, Cal.	0.39	0.43	Normal.
San Francisco, Cal.	0.67	0.18	Deficiency.
Portland, Or.	1.97	2.24	Small excess.

HEIGHTS OF RIVERS ABOVE LOW-WATER MARK, MAY, 1877.

STATIONS.	Danger point on gauge.		Highest water. Date.	Highest water. Height.		Lowest water. Date.	Lowest water. Height.	
	ft.	in.	May.	ft.	in.	May.	ft.	in.
RED RIVER.								
Shreveport	29	9	11, 12	27	3	31	21	0
MISSOURI.								
Fort Sully	—	–	26	11	3	10	5	9
Yankton	20	0	31	9	1	10, 11, 13,	4	10
Omaha	16	0	29	14	3	13, 14	6	8
Leavenworth	21	0	31	17	3	7	11	8
MISSISSIPPI.								
St. Paul	14	6	25	7	8	17, 18	4	8
La Crosse	18	0	31	4	1	15, 16	1	6
Dubuque	21	10	2	8	1	26	5	11
Davenport	15	0	4 to 9	6	3	30	4	1
Keokuk	14	6	17	10	6	31	4	3
St. Louis	30	0	20	25	6	31	19	9
Cairo	40	0	1	38	2	31	23	2
Memphis	34	0	1	32	9	31	21	9
Vicksburg	41	0	9	41	9	31	40	10
New Orleans *	2	6	30	3	7	2, 3	4	6
CUMBERLAND.								
Nashville	42	0	1	23	2	31	3	4
OHIO.								
Pittsburgh	20	0	11	7	9	31	2	0
Cincinnati	50	0	9, 10	27	2	31	9	10
Louisville	24	0	10	10	10	31	5	10
SAVANNAH.								
Augusta	4		8	10	10	30, 31	5	10

* Below high water mark.

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