

were received in the upper Mississippi Valley, and also quite generally from the Rocky Mountains westward to the Pacific the amounts were above normal, except in California, where they were mostly below the average. Precipitation was below normal in the lower Ohio, middle Mississippi, and Missouri Valleys, as well as in the central Plains States, and it was light and less than the average for the period in most of the eastern Gulf and South Atlantic States, except the Florida Peninsula, where more than the normal amount was received.

Snowfall.—Considerable snow fell during the month in New York and northern New England, the amounts ranging as high as 17 inches at points in New York and 25 inches in northern Maine. From 4 to 5 inches occurred in the lower Lake region, while from 16 to 18 inches were received in upper Michigan, and amounts ranging from 1 to 4 inches were the rule over the northern tier of States to the westward. At the higher elevations of the West considerable snow appears to have fallen, especially in the central portions, with recorded amounts ranging as high as 35 inches in southwestern South Dakota and Colorado.

GENERAL SUMMARY.

During the first half of the month the weather was unseasonably cold over practically all portions of the country from the Rocky Mountains eastward, and as a result the season's progress was materially delayed, but over the far Western districts these conditions were reversed and the season was well advanced. The latter half of the month was more favorable as to warmth over eastern districts, with temperature quite generally above the normal, but at the close the season, as a rule, was late and vegetation retarded.

Throughout the principal corn and winter wheat growing States conditions were favorable for wheat, especially in the western sections, where beneficial rains afforded ample moisture, as was also the case in the spring wheat States. Over the eastern portion of the cotton belt conditions were favorable for much outdoor work, but in portions of the western belt heavy rains greatly interfered with farming operations.

In Alaska temperatures during the month were frequently higher than usual at points from which reports have been received to date, and the mean was quite generally from 2° to 6° above normal. Precipitation was near the normal amount at most points, the totals along the south coast being somewhat above normal, but with considerable minus departures along the coast of the Gulf of Alaska.

Average accumulated departures for April, 1914.

Districts.	Temperature.			Precipitation.			Cloudiness.		Relative humidity.	
	General mean for the current month.	Departure for the current month.	Accumulated departure since Jan. 1.	General mean for the current month.	Departure for the current month.	Accumulated departure since Jan. 1.	General mean for the current month.	Departure from the normal.	General mean for the current month.	Departure from the normal.
New England.....	41.4	-2.1	-7.9	4.25	+1.20	+0.20	6.0	+0.5	75	+2
Middle Atlantic.....	50.0	-0.5	-4.8	8.22	+0.30	-0.30	5.8	+0.6	69	+2
South Atlantic.....	62.9	+1.6	+1.7	8.61	-0.80	-3.10	4.9	+0.3	72	0
Florida Peninsula.....	73.8	+1.0	+4.4	8.23	+1.30	+0.10	4.6	+0.8	75	+3
East Gulf.....	65.3	+0.7	+3.3	8.22	+1.20	-1.60	5.1	+0.2	69	+1
West Gulf.....	64.3	-1.4	-0.3	4.65	+1.20	-1.00	5.8	+0.7	73	+1
Ohio Valley and Tennessee.....	54.5	-0.2	-3.6	3.62	0.00	-3.10	6.3	+1.0	63	+3
Lower Lakes.....	43.4	-1.7	-7.0	3.71	+1.40	+1.00	6.5	+0.8	74	+4
Upper Lakes.....	39.3	-1.5	-2.3	3.03	+0.70	-0.30	6.1	+0.6	74	+4
North Dakota.....	40.9	+0.2	+9.7	1.38	-0.50	-0.70	5.9	+0.6	69	+1
Upper Mississippi Valley.....	50.5	0.0	+4.5	2.40	-0.60	-2.00	6.3	+1.1	68	0
Missouri Valley.....	51.0	+0.5	+9.6	2.30	-0.80	-1.10	5.7	+0.1	65	0
Northern slope.....	44.0	+1.2	+13.1	1.73	-0.10	-0.80	6.5	+1.4	66	+8
Middle slope.....	35.0	-0.7	+7.7	2.30	0.00	-1.00	5.4	+0.8	66	+9
Southern slope.....	61.5	-0.9	+9.3	2.33	+0.40	-1.90	4.6	+0.1	58	+3
Southern Plateau.....	58.4	+0.5	+5.1	0.29	-0.10	-0.60	3.3	+0.5	42	+12
Middle Plateau.....	49.6	-1.1	+8.1	1.32	+0.20	+0.40	5.7	+1.3	54	+9
Northern Plateau.....	50.4	+1.4	+15.2	1.64	+0.30	-0.40	6.4	+1.2	59	+9
North Pacific.....	50.4	+2.1	+12.0	3.47	+0.10	+1.60	6.2	0.0	81	-10
Middle Pacific.....	55.6	+2.0	+9.4	1.50	-0.50	0.00	4.6	+0.2	71	-1
South Pacific.....	60.8	+2.8	+14.6	0.65	-0.40	+4.20	4.4	+0.4	69	+1

Maximum wind velocities during April, 1914.

Stations.	Date.	Velocity.	Direction.	Stations.	Date.	Velocity.	Direction.
Block Island, R. I.....	12	53	nw.	New York, N. Y.....	20	50	nw.
Do.....	15	58	ne.	Do.....	22	68	nw.
Eufado, N. Y.....	9	58	w.	Do.....	23	54	nw.
Do.....	12	54	w.	North Head, Wash.....	4	62	se.
Do.....	18	50	sw.	Do.....	13	50	se.
Do.....	19	54	sw.	Do.....	14	56	s.
Canton, N. Y.....	12	56	sw.	Pierre, S. Dak.....	18	52	nw.
Cheyenne, Wyo.....	17	50	n.	Point Reyes Light, Cal.....	15	65	nw.
Do.....	23	60	w.	Do.....	16	64	nw.
Del Rio, Tex.....	25	52	sw.	Do.....	19	53	nw.
Devils Lake, N. Dak.....	18	52	n.	Do.....	20	68	nw.
Duluth, Minn.....	28	51	ne.	Do.....	24	59	nw.
El Paso, Tex.....	16	50	sw.	Do.....	25	68	nw.
Fort Smith, Ark.....	24	50	sw.	Do.....	27	54	nw.
Lincoln, Nebr.....	19	55	nw.	Do.....	28	62	nw.
Louisville, Ky.....	18	58	s.	Do.....	29	52	n.
Mount Tamalpais, Cal.....	9	50	sw.	Pittsburgh, Pa.....	19	61	sw.
Do.....	15	64	nw.	Providence, R. I.....	12	67	nw.
Do.....	16	68	nw.	Do.....	22	60	nw.
Do.....	25	88	nw.	Pueblo, Col.....	16	50	w.
Do.....	26	84	nw.	Do.....	23	50	nw.
Do.....	27	62	nw.	St. Louis, Mo.....	18	58	sw.
Do.....	28	58	nw.	Seattle, Wash.....	26	55	sw.
Do.....	29	52	n.	Sioux City, Iowa.....	10	52	nw.
Do.....	29	52	n.	Do.....	19	52	nw.
Mount Weather, Va.....	1	50	w.	Tatoosh Island, Wash.....	13	50	s.
Do.....	2	58	nw.	Do.....	14	54	s.
Do.....	8	68	nw.	Do.....	19	50	s.
Do.....	9	61	nw.	Do.....	18	51	sw.
Do.....	20	52	nw.	Toledo, Ohio.....	19	52	sw.
Do.....	21	64	nw.	Do.....	19	51	sw.
Nashville, Tenn.....	14	50	ne.	Trenton, N. J.....	2	50	w.
New York, N. Y.....	2	56	nw.	Wichita, Kans.....	18	52	nw.
Do.....	12	62	nw.				

CONDENSED CLIMATOLOGICAL SUMMARY.

In the following table are given for the various sections of the climatological service of the Weather Bureau the monthly average temperature and total rainfall; the stations reporting the highest and lowest temperatures with dates of occurrence; the stations reporting the greatest and least total precipitation, and other data, as indicated by the several headings.

The mean temperature for each section, the highest

and lowest temperatures, the average precipitation, and the greatest and least monthly amounts are found by using all trustworthy records available.

The mean departures from normal temperatures and precipitation are based only on records from stations that have 10 or more years of observations. Of course, the number of such records is smaller than the total number of stations.