Tex., 2.63 in.; Mason, Tex., (19th and 20th,) 3.34 in.; Fort McKavett, Tex., 2.03 in.; Fort Griffin, Tex., (19th and 20th,) 3.90 in.; Fredericksburg, Tex., 3 40 in.; Uvalde, 2.12 in. 21st, Belmont Farm, (Melissa) Tex., (20th and 21st, 3.00 in.; Baton Rouge Bks, La., 1.90 in. 22nd, Dodge City, (19th to 22nd,) 4.30 in.; Olivet, Dak., 1.02 in. 23rd, Quitman, Ga., 1.30 in.; Shreveport, 1.25 in.; Red Bluff, Cal., 2.58 in. 24th, Mt. Ida, Ark., (23rd and 24th,) 2.80 in.; San Diego, (23rd to 25th,) 1.41 in. 26th, Cape Hatteras, 3.72 in.; Kittyhawk, N. C., 4.40 in. 27th, Mason, Tex., 2.12 in.; Uvalde, Tex., (27th and 28th,) 2.10 in. 28th, San Antonio, Tex., (27th and 28th,) 2.18 in.; Belmont Farm, (Melissa) Tex., (27th and 28th,) 5.00 in. 29th, Wilmington, N. C., 2.98 in.; Smithville, N. C., 2.86 in.; Green Springs, Ala., (28th and 29th,) 2.48 in.; Point Pleasant, La., (28th and 29th,) 2.30 in.; Brookhaven, Miss., (28th and 29th,) 1.80 in; Cape Lookout, N. C., 3.24 in. 30th, Weldon, N. C., 1.25 in.; Goldsboro, N. C., (29th and 30th,) 3.00 in.; Wilmington, N. C., (29th and 30th,) 2.34 in.; Lenoir, N. C., (29th and 30th,) 2.70 in.; Statesville, N. C., (29th and 30th,) 2.20 in.; Cape Henry, Va., 2.73 in. 31st, Accotink, Va., (30th and 31st,) 1.50 in.

Large Monthly Rain-falls.—At Cape Hatteras, N. C., 13.38 in.; Olympia, Wash. Ty., 11.70 in.; Belmont Farm, (near Melissa,) Texas, 9.10 in. (?); Lenoir, N. C., 8.70 in. (?); Kittyhawk, N. C., 8.45 in.; Coleman City, Texas, 8.42 in.; Cape Lookout, N. C., 8.14 in.; Fort Barrancas, (near Pensacola,) Fla., 8.02 in.; St. Marks, Fla., 7.79 in.; San Antonio, Texas, 7.27 in.; Fort Sill, Ind. Ty., 6.97 in.; Mt. Washington, 6.01 in.

Small Monthly Rain-falls.—At Fort Boise, Idaho Ty., 0.01 in.; Carlisle Pa., 0.05 in.; North Argyle, N. Y., 0.07 in.; Colorado Springs, Col., 0.08 in., Sydney Barracks, Neb., 0.10 South Pueblo, Col., 0.11 in. At Winnumucca, Nev., there was not any precipitation during the month, except a very slight fall on the 1st, which was not sufficient to obtain a measurement.

Floods.—Special heavy floods followed the rains of the 29th, 30th and 31st, accompanying storm No. XV on chart No. I. during its course northeastward from Alabama to southern Virginia. The tide rose higher at Norfolk than since last April, the lower portion of the city becoming flooded, with much loss to property. On the coast of New Jersey heavy northeast gales prevailed during the 30th, producing high tides, washing away from two to four miles of railroad track at Atlantic City.

Hail fell on the 4th at Grand Haven, Mich.; 5th at Vevay, Ind., and McMinnville, Tenn.; 8th and 9th at Embarrass, Wis.; 13th at Gardiner, Me., and New Bedford, Mass.; 28th at Vevay, Ind.; 30th at West Chester, Pa.

Snow.—At Pembina, D. T., there was not sufficient snow on the ground at any time to permit the use of sleds or sleighs.

Depth of snow on ground at close of month.—In New England it varies from 0.25 inch to 10 in.; northern portions of New York and Pennsylvania, from .01 to 0.50 in.; West Virginia, 0.15 in.; Virginia, 12 in. at Wytheville; northern Illinois, 0.20 to 0.50 in.; eastern Kansas, 0.25 to 2 in.; northwestern Iowa, 2.50 in.; Nebraska, 1 to 3 in.; northern Minnesota, 0.25 to 0.50 in.; Dakota, 0.02 to 1.50 in.; New Mexico, at Santa Fe, 1.50 in.; Colorado, 4 to 12 in.; Wyoming, 3 in. at Cheyenne; Montana, Virginia City, some snow on mountains; Utah, Salt Lake City, 3 in.; Nevada, Pioche, 0.05 in.; California, San Gorgonio, 2 in. On the 31st, at Starkey, N. Y., the ground is reported as very dry, and a scarcity of water.

Rainy Days.—The number of days on which rain or snow has fallen varies as follows: New England, from 1 to 12; Middle Atlantic States, 1 to 19; South Atlantic States, 5 to 14; Lower Lake region, 1 to 22; Tennessee and Ohio valley, 5 to 19; East Gulf States, 5 to 14; West Gulf States, 2 to 16; Upper Lake region, 7 to 17; the Northwest, 5 to 16; Rocky Mountain region, 1 to 9; California, 2 to 8.

Cloudy Days.—The number reported by the voluntary observers is as follows: New England, 0 to 16; Middle States, 5 to 13; South Atlantic States, 6 to 14; East Gulf States, 4 to 15; West Gulf States, 4 to 14; Tennessee and Ohio valley, 9 to 16; Lower Lakes, 3 to 23; Upper Lake region, 5 to 17; the Northwest, 4 to 19; Rocky Mountain region, 1 to 9; California, 7 to 22.

Precipitation from Cloudless Skies.—At Santa Fe, on the 4th, as snow; Bangor, Me., 12th, snow; New Haven, Conn., 13th, rain.

RELATIVE HUMIDITY.

The average relative humidity for the month, ranges about as follows: For New England, 60 to 74; Middle Atlantic States, 59 to 78; South Atlantic States, 69 to 81; East Gulf States, 71 to 78; West Gulf States, 60 to 83; Tennessee and the Ohio valley, 68 to 74; Lower Lake region, 76 to 86; Upper Lake region, 72 to 83; Upper Mississippi valley, 70 to 79; Lower Missouri valley, 70 to 78; California coast, 56 to 73; Sacramento valley, 74 to 75. High stations report the following: Mt. Washington, 78; Pike's Peak, 56; Cheyenne, 48; Denver, 54; Santa Fe, 60; Salt Lake City, 68; Virginia City, 63; Boise City, Idaho, 68; Winnemucca, Nev., 59; Pioche, Nev., 57.

WINDS.

In General.—The prevailing winds, at the Signal Service stations, are shown by the arrows on chart No. II. The *maximum* hourly velocities have been given in the description of the movements of high and low pressure areas.