

TABLE 2.—Precipitation departures, monthly and annual, 1934

District	January	February	March	April	May	June	July	August	September	October	November	December	Sum
New England.....	-0.2	+0.3	-0.2	+0.6	-0.5	+0.3	-1.2	-1.7	+2.1	-0.7	-0.4	-0.4	-2.0
Middle Atlantic.....	-1.0	-1	+7	-4	+6	-3	-3	-5	+5.1	-1.7	+4	-8	+1.7
South Atlantic.....	-1.7	-2	-1	-1	+2.2	0	-1.7	-4	+8	-2	+8	-1.0	-1.6
Florida Peninsula.....	-7	+1.5	-2	+1.5	+4.0	+2.6	+1.2	-2.5	+9	-2.6	-7	-1.1	+3.9
East Gulf.....	-1.1	-4	+2	-9	+7	+2	+5	+9	-1.9	+3.4	+6	-1.0	+3
West Gulf.....	+2.4	-6	+2.1	+5	-2.1	-2.9	-7	-1.2	+1.0	-2.7	+2.3	-2	-2.1
Ohio Valley and Tennessee.....	-1.6	-1.9	-4	-1.7	-2.0	+4	-7	+9	+1.2	-1.4	+1	-1.2	-8.3
Lower Lakes.....	-8	-1.3	0	+2	-2.5	-1.0	-1.2	-8	+5	-1.4	-5	-6	-9.4
Upper Lakes.....	-4	-1.1	-3	-3	-1.8	-8	-1.4	-5	+5	-7	+2.5	-4	-4.7
North Dakota.....	-2	-4	-2	-1.1	-1.8	-4	-1.5	-1.2	-7	0	-5	-2	-8.2
Upper Mississippi Valley.....	-6	-9	-4	-1.6	-3.3	-1.2	+4	-4	+2.7	-2	+3.6	-4	-2.3
Missouri Valley.....	-5	-6	-6	-1.5	-1.9	-1.1	-2.0	-1.0	+1.5	-6	+1.8	-6	-7.1
Northern Slope.....	-5	-3	+1	-3	-1.7	0	-8	-4	+1	-1	-3	-2	-4.4
Middle Slope.....	0	+5	-5	-1.1	-1.1	-1.5	-1.9	-8	+5	-7	+7	-4	-6.3
Southern Slope.....	-4	-4	+1.1	-6	-8	-1.6	-1.6	-1.5	-1.1	-1.2	+3	-5	-8.3
Southern Plateau.....	-3	-2	-4	-2	+3	-2	-6	0	-2	-4	+2	+1	-1.9
Middle Plateau.....	-4	+2	-7	-3	-3	+1	-2	+2	-2	0	+4	0	-1.2
Northern Plateau.....	-5	-6	-1	-6	-1.1	+1	-3	-2	-3	+4	+4	-4	-3.2
North Pacific.....	+5	-3.7	0	-1.1	+3	-9	+2	0	-6	+1.4	+2.2	+6	-1.1
Middle Pacific.....	-3.3	-1.1	-2.3	-1.1	-5	0	0	-1	-4	+3	+1.8	-5	-7.2
South Pacific.....	-1.0	-3	-2.0	-9	-4	+2	0	0	0	+9	+1.4	+1.0	-1.1
United States.....	-6	-6	-2	-5	-7	-4	-7	-5	+5	-4	+8	-4	-3.7

TROPICAL STORMS OF 1934

By G. E. DUNN

Eleven tropical disturbances were reported this year in the Atlantic, Caribbean Sea, and the Gulf of Mexico. While six of these probably reached hurricane intensity, no especially intense hurricane reached the coast of the United States. Two storms either crossed or reached the Texas coast and one crossed the Louisiana coastline, all of which were barely of hurricane intensity. An examination of the storm paths on the following page reveals some unusual tracks. Storms 2 and 5 were especially erratic and no. 3 started as an extratropical storm off the coast of South Carolina.

Monthly frequency of West Indian hurricanes and other tropical storms of the North Atlantic Ocean in 1934

	Hurricane intensity	Doubtful	Not of hurricane intensity	Total
May.....	0	0	1	1
June.....	1	0	0	1
July.....	0	1	0	1
August.....	1	0	1	2
September.....	1	0	1	2
October.....	1	0	2	3
November.....	1	0	0	1
Total.....	5	1	5	11

Synopsis of tropical storms of 1934 (number of storm in table corresponds with number of track on accompanying chart)

Storm	Date	Place where first reported	Coast lines crossed	Maximum wind velocity reported	Lowest barometer reported	Place of dissipation	Intensity	Remarks
1.....	May 27-30.....	Southeastern Gulf of Mexico. ¹	Between Charleston, S. C., and Savannah, Ga.	53-SE., Charleston..	29.17, Savannah.....	Northwestern South Carolina.	Not of hurricane intensity.	Damage \$155,000.
2.....	June 4-23.....	Gulf of Honduras ¹	British Honduras (probably twice) and Louisiana.	Steamship <i>Belfast Maru</i> , 70-SSE.	28.52, Jeanerette, La.	Passed beyond field of observation.	Hurricane.....	(A).
3.....	July 21-25.....	On South Carolina coast. ¹	Between Corpus Christi and Freeport, Tex.	52-S., C o r p u s Christi.	29.12, Corpus Christi.	Northern Mexico.....	Doubtful, but near hurricane intensity.	(B).
4.....	Aug. 20-22.....	East of Dominica ¹	None.....	.....	.....	South of Santo Domingo.	Very minor.....	.....
5.....	Aug. 26-Sept. 1.....	Middle Gulf ¹	Mexico, north of Tampico.	Steamships <i>Clare</i> and <i>Simon von Utrecht</i> , hurricane.	29.34, steamship <i>Simon von Utrecht</i> .	Mexico.....	Barely hurricane intensity short period.	(C).
6.....	Sept. 5-9.....	Eastern Bahamas ¹	Touched Cape Hatteras and passed over Long Island Sound.	Hurricane force from many ships.	28.56, steamship <i>Albert Watts</i> .	Northern New England.	Hurricane.....	.....
7.....	Sept. 15-21.....	Short distance east of Windward Islands. ¹	None.....	50 NE., steamship <i>Selene</i>.	.....	Off Middle Atlantic coast.	Not of hurricane intensity.	.....
8.....	Oct. 1.....	Latitude 28:40, longitude 42:20. ²	None.....	Steamship <i>Selene</i> , Hurricane.	29.06, steamship <i>Selene</i> .	North Atlantic.....	Hurricane.....	Recurved east of longitude 50.
9.....	Oct. 3-5.....	Southeastern Gulf of Mexico. ¹	Near Pensacola, Fla..	38-S., Pensacola.....	29.65, steamship <i>Del Sud</i> .	Northwestern Florida.	Minor.....	Record rain, Pensacola.
10.....	Oct. 19-23.....	South of Jamaica ¹	Eastern Cuba.....	.....	28.20, steamship <i>Malacca</i> , hurricane.	Near Bermuda.....	Very minor.....	.....
11.....	Nov. 21-28.....	North of Leeward Islands.	None.....	.....	.....	Haiti.....	Hurricane.....	.....

¹ Approximate place of origin.
² Well developed when first appeared in field of observation.

(A) More complete report M. W. R., 62:202-203. June 1934.
 (B) More complete report M. W. R., 62:251. July 1934.
 (C) More complete report M. W. R., 62:344. September 1934.

Paths of Hurricanes and Other Tropical Storms, 1934
(Approximate position at each observation hour)
(Plotted by Arthur J. Haidle)

