DUSTSTORMS, MAY 1935

By W. A. MATTICE

Duststorms and dusty conditions were infrequent during May 1935. Compared with the previous months of March and April, there was very little dust in the air at any time. There were only 84 instances of dusty conditions reported, and 67 of these were of very light intensity. Only two stations reported 10 days with dust, Amarillo, Tex., and Dodge City, Kans., as compared with reports of 28 and 26 days, respectively, during the previous month.

The Weekly Weather and Crop Bulletin of June 4, 1935, illustrates very graphically the reason for the abatement of dusty conditions. The chart of percentage of normal precipitation shows a large area in the western Plains where the rainfall was 200 percent or more of the normal for the month, with most of the central and southern Plains averaging well over 100 percent.

The reports from stations also illustrate the decrease in intensity of dust. The State report from Colorado noted no dusty conditions worthy of mention between the 11th and the 30th, and concludes as follows: "On the whole, these storms were of much less intensity than those of March and April and were not attended by serious damage or discomfort." In Kansas also, the report states that duststorms occurred over western parts up to the 12th, but were not observed again until the last week of the month; they were more or less general in that section on the 31st.

Dust reports were received from only 33 stations, most of them in the central and western Great Plains. From the 8th of the month to the 30th there were no reports of dust east of the Mississippi River. Only 17 instances of visibilities less than 1 mile were noted.

CLIMATOLOGICAL TABLES

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.

Condensed climatological summary of temperature and precipitation by sections, May 1935

[For description of tables and charts, see REVIEW, January, p. 37]

Section	Temperature								Precipitation					
	Section average	Departure from the normal	Monthly extremes						Section average	Departure from the normal	Greatest monthly		Least monthly	
			Station	Highest	Date	Station	Lowest	Date			Station	Amount	Station	Amount
	° F.	° F.		° F.			° F.		In.	In.		In.		In.
Alabama	73.1	+1.8	3 stations	96	[1] 15	2 stations	40	1	4.39	+0.46	Robertsdale	10.31	Milltown	1.06
Arizona	63.1	−5.9	Gila Bend	105	23	Alpine	14	6	.46	+.17	Henry's Camp	2.20	6 stations	.00
Arkansas	66.7	−2.3	3 stations	94	[1] 12	Dutton	35	7	8.86	+3.79	Conway	16.10	Portland	3.05
California	60.0	−1.3	Cow Creek	107	23	Twin Lakes	4	1	.23	−.75	Giant Forest	2.02	58 stations	.00
Colorado	48.7	−3.4	Cheyenne Wells	94	31	2 stations	8	4	3.74	+1.83	Hawthorne	9.47	Cortez	.41
Florida	77.6	+1.9	2 stations	100	[1] 19	4 stations	52	[1] 27	3.66	−.39	Cottage Hill	9.40	West Palm Beach	.40
Georgia	72.7	+1.0	5 stations	98	[1] 4	Blairsville	33	1	2.91	−.55	Tray Mountain	5.98	Sparta	.61
Idaho	51.2	−1.7	Indian Cove	92	22	Pelton Ranch	15	10	1.23	−.42	Driggs	3.61	Payette	.05
Illinois	57.7	−4.7	Sparta	89	12	3 stations	27	4	7.78	+3.62	Beardstown	12.74	Galena	4.30
Indiana	57.9	−4.2	Rome	93	12	South Bend	29	4	7.01	+2.96	Hazelton	11.38	Albion	3.85
Iowa	55.0	−4.9	2 stations	84	[1] 29	Independence	23	4	4.84	+.75	Corydon (near)	10.41	Dumont (near)	1.51
Kansas	59.0	−4.7	Ashland	98	11	Burr Oak	27	5	7.78	+4.01	Chanute	17.29	Richfield	1.63
Kentucky	63.5	−1.8	Murray	91	[1] 13	2 stations	36	1	7.40	+3.36	Hazard	11.09	Fords Ferry	3.99
Louisiana	74.5	+.8	2 stations	95	[1] 30	do	47	7	7.81	+3.20	Simmesport	21.17	Houma	1.30
Maryland-Delaware	59.5	−2.9	Cumberland, Md	92	28	Sines, Md	28	[1] 18	3.63	+.22	Salisbury, Md	5.85	Rock Hall, Md	2.01
Michigan	49.8	−4.0	Midland	85	20	Dukes	13	1	2.70	−.50	Albion	8.66	Roscommon No. 2	.11
Minnesota	51.5	−3.5	Red Lake Falls	83	20	2 stations	23	[1] 3	2.39	−.78	Bird Island	6.58	Gonvick	1.00
Mississippi	72.5	+.8	Columbia	96	31	do	44	25	5.93	+1.50	Woodville	12.34	Swan Lake	3.09
Missouri	60.3	−4.0	Caruthersville	92	12	do	32	[1] 4	8.50	+3.69	Farmington	13.36	Cape Girardeau	5.18
Montana	48.7	−2.9	Superior	88	22	Summit	0	7	1.66	−.54	Mystic Lake	5.43	Haugan	.12
Nebraska	52.7	−6.3	2 stations	89	[1] 11	Merriman	21	[1] 3	6.24	+2.71	Hebron	14.65	Santee	2.37
Nevada	55.6	+.2	Logandale	101	[1] 23	San Jacinto	11	8	1.18	+.30	Lamoille	4.16	Beatty	.00
New England	52.4	−2.6	Turner's Falls, Mass.	91	30	Chelsea, Vt	22	23	2.12	−1.21	Pittsburg, N. H	4.54	2 stations	1.05
New Jersey	57.8	−2.6	Burlington	95	30	Canoe Brook	27	24	1.71	−2.02	Burlington	3.49	Culvers Lake	.51
New Mexico	55.4	−4.1	Portales Evap. Station.	101	31	Selsor Ranch	8	5	2.35	+1.20	Tijeras Ranger Station.	6.55	Oro Grande	.22
New York	51.5	−4.3	Scarsdale	91	29	Indian Lake	20	[1] 3	2.53	−.95	Salisbury	4.64	Scarsdale	1.10
North Carolina	65.5	−1.3	2 stations	96	14	2 stations	29	[1] 1	3.47	−.70	Parker	8.69	Wilmington	.97
North Dakota	49.5	−3.3	Towner	89	31	Howard	20	4	2.66	+.26	Dogden Butte	4.03	Cavalier	1.41
Ohio	56.3	−4.1	Portsmouth	89	[1] 9	Holgate	28	1	4.88	+1.19	Peebles (near)	9.28	Cleveland	1.87
Oklahoma	64.9	−3.2	Beaver	97	11	Boise City	29	4	7.48	+2.74	Antlers	15.51	Boise City	2.17

[1] Other dates also.