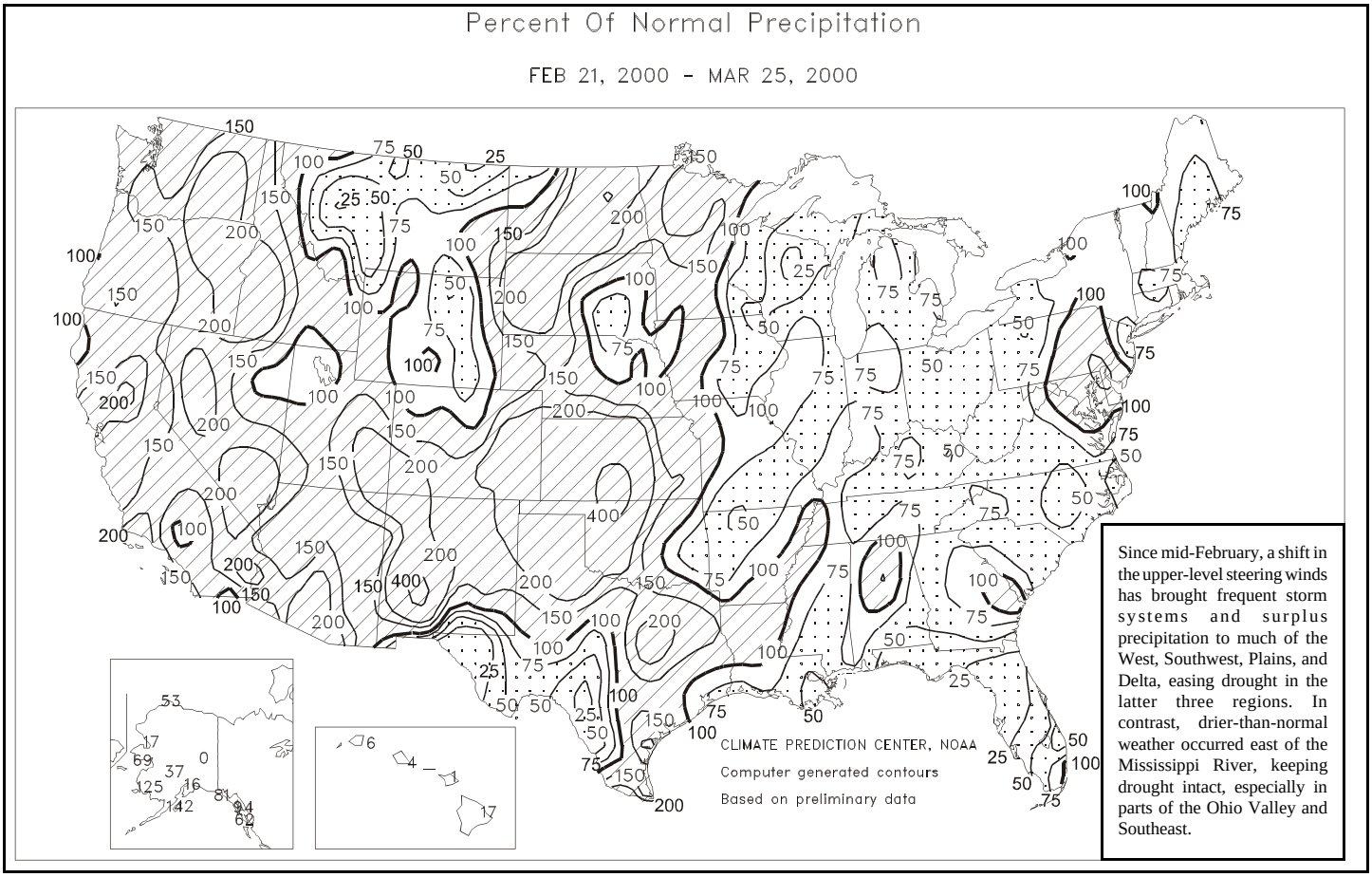
Volume 87, No. 13 **March 28, 2000**

WEEKLY WEATHER AND CROP BULLETIN

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Weather Service

U.S. DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service
and World Agricultural Outlook Board



Since mid-February, a shift in the upper-level steering winds has brought frequent storm systems and surplus precipitation to much of the West, Southwest, Plains, and Delta, easing drought in the latter three regions. In contrast, drier-than-normal weather occurred east of the Mississippi River, keeping drought intact, especially in parts of the Ohio Valley and Southeast.

HIGHLIGHTS

March 19 - 25, 2000

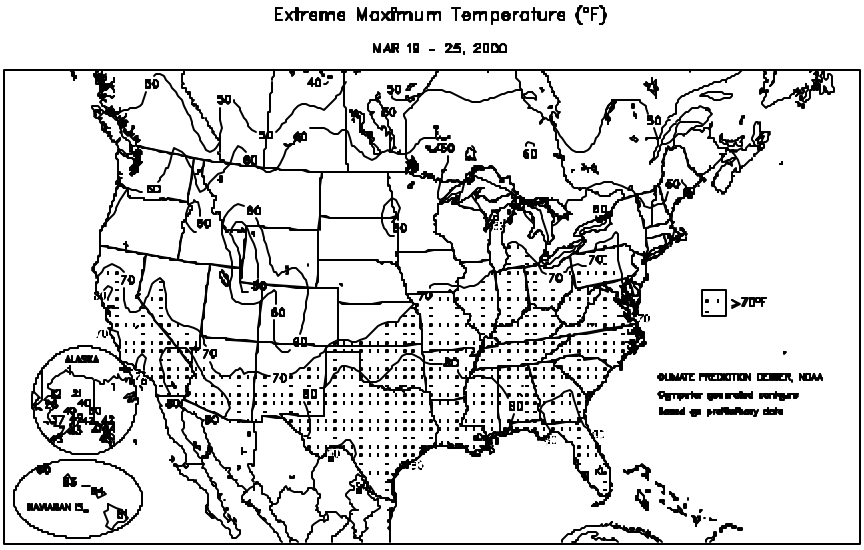
Heavy rain soaked the **central and southern Plains**, further improving soil moisture and generally benefiting winter wheat, but causing some lowland flooding and leaving some areas in **northern Oklahoma** and **southern Kansas** unfavorably wet. For most of the **southern High Plains**, the March 21-23 rainfall represented the region's most significant precipitation since September 1999. Meanwhile, widespread rain benefited pastures and recently planted summer crops across the **South**, although very dry conditions persisted in much of **Florida** and **southern Georgia**. Very warm, dry weather returned to **southern Texas**, following the previous week's

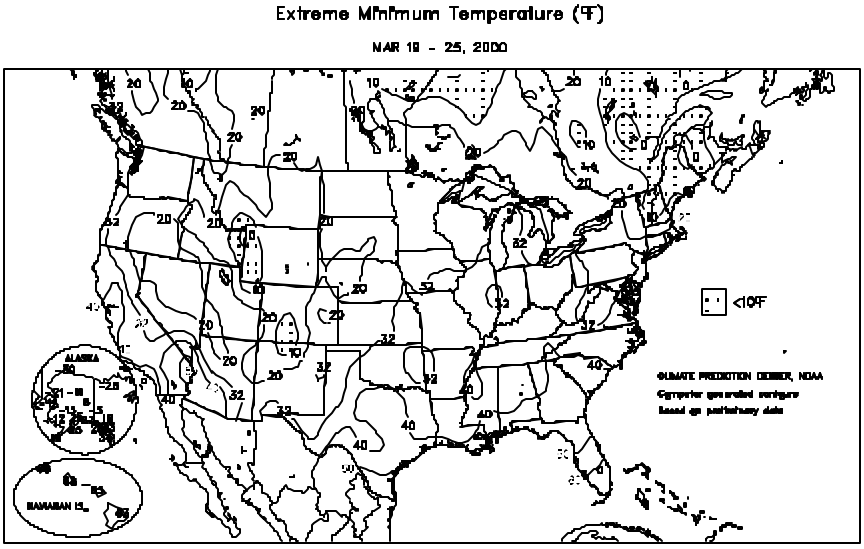
(Continued on page 2)

Contents

(Continued from front cover)

much-needed rainfall. Farther north, showers further improved topsoil moisture and eased long-term drought in the **southeastern Corn Belt**, while only light precipitation fell in the drought-affected **western Corn Belt**. Early- to mid-week rainfall locally exceeded 4 inches in parts of the **Mid-Atlantic region**. Above-normal temperatures returned to most areas **east of the Rockies**, especially across the **North** (as much as 15°F above normal). Warm weather (weekly readings up to 7°F above normal) favored winter wheat development on the **central and southern Plains**. Meanwhile, temperatures averaged as much as 5°F below normal in the **southern Rockies**, where the season's most significant precipitation improved high-elevation snow packs and spring runoff prospects. In **California**, a second consecutive week of warm (up to 5°F above normal), dry weather promoted fieldwork, including initial summer crop planting.





On Sunday, **Monroe, LA** noted a daily-record rainfall (1.23 inches), lifting their March 18-19 total to 3.54 inches. Early-week rainfall totaled 2 to 4 inches in much of the **interior Southeast**, but significant amounts bypassed **southern Texas**, **Florida**, and most areas along the **Gulf Coast**. Nevertheless, March rainfall remained near to below normal in much of the **South**, maintaining large long-term moisture deficits. In **Mississippi**, **Jackson's** March 1-25 rainfall was 3.59 inches (77 percent of normal), following their driest December-February period (5.93 inches, or 37 percent of normal) on record. In **Texas**, **Houston's** August 1 - March 25 precipitation totaled 10.86 inches (43 percent of normal), on target to become their driest August-March period on record. **Houston's** former August-March record low, 11.42 inches, was established in 1917-18. During the period from January 1, 1999 - March 25, 2000, **Houston's** rainfall totaled 32.96 inches (60 percent of normal), 21.74 inches below normal.

Heavy rain spread into the **Mid-Atlantic region** on Tuesday, resulting in record totals. March rainfall records for a 24-hour period were established in locations such as **Atlantic City, NJ** (3.24 inches on March 21-22, eclipsing their standard of 2.80 inches on March 2-3, 1994) and **Philadelphia, PA** (more than 3 inches on March 21-22, bettering the mark of 2.79 inches on March 15, 1912). **Wilmington, DE** reported a 2-day total of 5.17 inches. Meanwhile, snowfall reached 1 foot in higher elevations of the **central Appalachians**.

Farther west, heavy precipitation overspread the **Southwest** and the **central and southern Plains** at midweek. On March 20, the first day of astronomical spring, snowfall ranged from 1 to 2 feet at some high-elevation locations in the **Four Corners region**. In **Arizona**, **Flagstaff's** month-to-date snowfall reached 45.8 inches, accounting for nearly two-thirds of their seasonal total (69.2 inches, or 22.8 inches below normal). In **western Texas**, **Lubbock's** 1.16-inch rainfall on March 22 represented their highest 1-day total since 1.98 inches fell on September 15, 1999. The rain helped to boost **Lubbock's** precipitation since October 1, 1999, to 3.74 inches (75 percent of normal). Due to the rainfall's intensity, however, rapid runoff resulted in some lowland flooding. The **Colorado River** at **Colorado City, TX** crested near 28.6 feet on the night of March 23-24, 20.6 feet above flood stage. Farther north, March 1-25 precipitation in **Wichita, KS** reached 5.27 inches (270 percent of normal), boosting their year-to-date total to 8.91 inches (241 percent).

A handful of daily-record highs were set during the week, primarily in the **Great Lakes States** and along the **West Coast**. **Brookings, OR** posted a record high of 72°F on Tuesday, followed a day later by a record of 77°F in **Mountain View, CA**. On Friday, daily-record highs included 69°F in **Flint, MI** and 73°F in **South Bend, IN**.

Only scattered, generally light showers dampened **Hawaii**, as the State's dry spell stretched beyond the 2-month mark. The recent dryness, superimposed on long-term moisture deficits that in many cases date to late 1997, has caused drought intensification, especially in leeward areas of the **central and eastern Hawaiian islands**. Meanwhile, cooler air overspread **western and northern Alaska**, resulting in weekly temperatures as much as 7°F below normal. Mild weather (up to 10°F above normal) continued, however, for the 10th consecutive week in parts of **interior southern Alaska**.

Weather Data for Selected Locations in the Delta

Weather Data for the Week Ending March 25, 2000

Data provided by the Mississippi State Delta Research and Extension Center (DREC) and the Southern Regional Climate Center (SRCC).

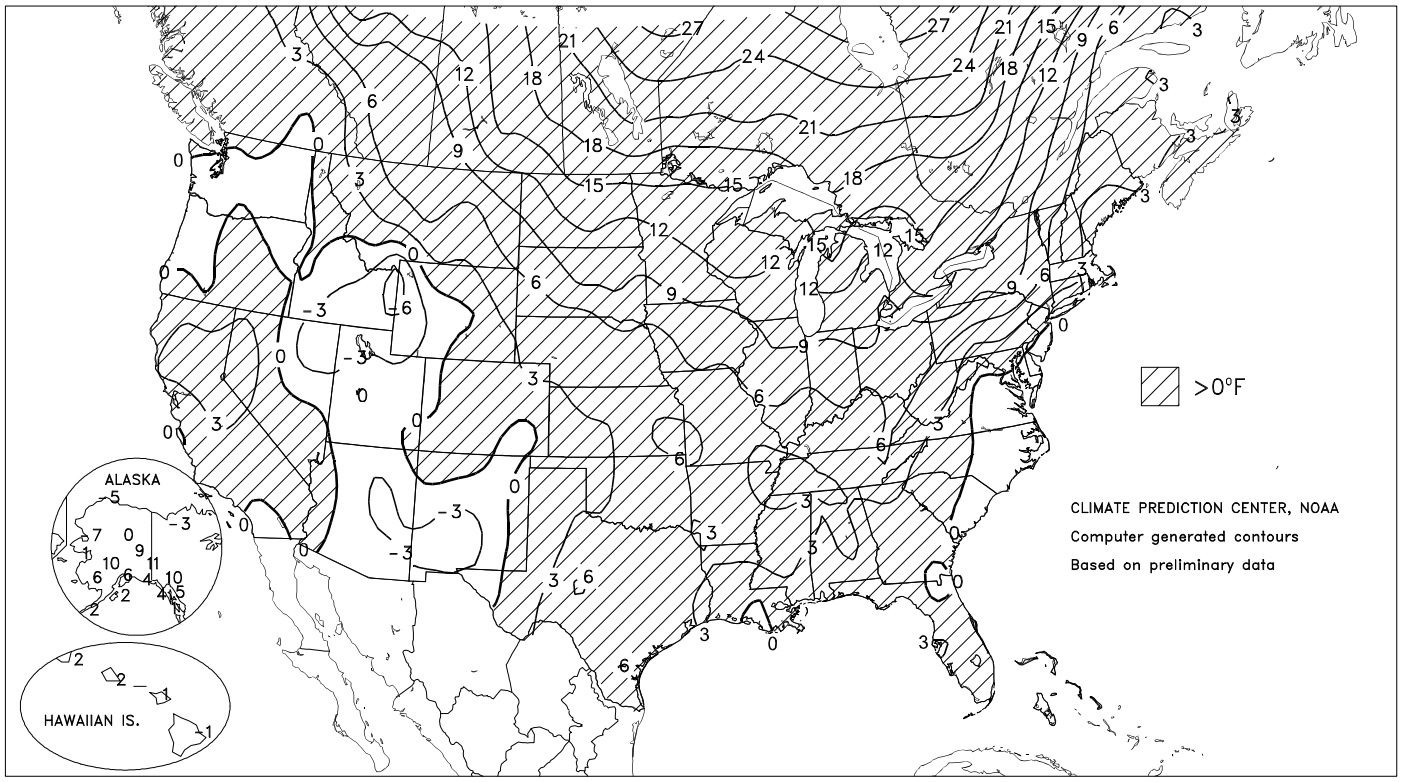
STATES AND STATIONS		TEMPERATURE EF						PRECIPITATION							4-INCH SOIL TEMP, °F		NUMBER OF DAYS			
																	TEMP. EF		PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Mar 1	PCT. NORMAL SINCE Mar 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
MS	BATESVILLE [x]	69	50	78	42	60	7	--	--	--	--	--	--	--	--	--	0	0	--	--
	BELZONI [x]	72	49	83	42	61	3	1.50	0.29	1.10	5.10	104	--	--	--	--	0	0	2	1
	CLARKSDALE [x]	70	51	78	42	61	6	0.30	-0.63	0.30	--	--	--	--	--	--	0	0	1	0
	CLEVELAND [x]	68	50	76	43	59	4	0.30	-0.41	0.30	3.83	95	9.54	73	--	--	0	0	1	0
	GREENVILLE [x]	72	50	79	41	61	3	2.20	1.13	2.20	5.73	141	--	--	--	--	0	0	1	1
	GREENWOOD [x]	72	52	82	44	62	5	0.03	-1.06	0.03	5.47	127	9.79	83	--	--	0	0	1	0
	INDIANOLA 1S	70	51	79	43	61	--	1.53	--	1.35	5.70	--	--	--	60	56	0	0	2	1
	INVERNESS 5E	71	53	81	43	62	--	1.42	--	1.34	6.19	--	10.43	--	--	--	0	0	2	1
	LYON	70	50	78	42	60	--	0.66	--	0.37	5.24	--	9.91	--	--	--	0	0	2	0
	MOORHEAD [x]	71	53	82	42	62	4	0.46	-0.62	0.36	5.54	128	7.66	62	--	--	0	0	3	0
	ONWARD	73	53	84	41	63	--	1.43	--	1.16	4.97	--	--	--	70	58	0	0	2	1
	ROLLING FORK [x]	73	50	83	39	62	5	0.84	0.28	0.49	2.64	61	5.86	46	--	--	0	0	2	0
	SIDON	72	53	82	45	63	--	--	--	--	--	--	--	--	--	--	0	0	--	--
	TUNICA [x]	67	48	78	41	58	4	0.30	-0.75	0.30	--	--	--	--	--	--	0	0	1	0
	VICKSBURG [x]	73	52	83	43	63	4	1.38	0.14	0.89	6.13	128	--	--	--	--	0	0	4	1
	YAZOO CITY [x]	73	50	83	42	62	3	1.64	0.30	1.28	5.88	119	8.34	59	--	--	0	0	2	1
	STONEVILLE *	70	50	78	40	60	4	2.44	1.25	2.03	6.29	148	11.41	91	67	54	0	0	2	1

Compiled by USDA/OCE/WAOB's Stoneville Field Office.
*** Based on 1964-93 normals.**
[x] Based on 1961-90 normals.

Delta Weather and Crop Summary: The Mississippi Delta observed scattered showers and above-normal temperatures last week. Although the rain was welcomed, farmers tried to finish fieldwork as planting dates approached. Wheat was in the jointing stage, and some of the crop was beginning to head.

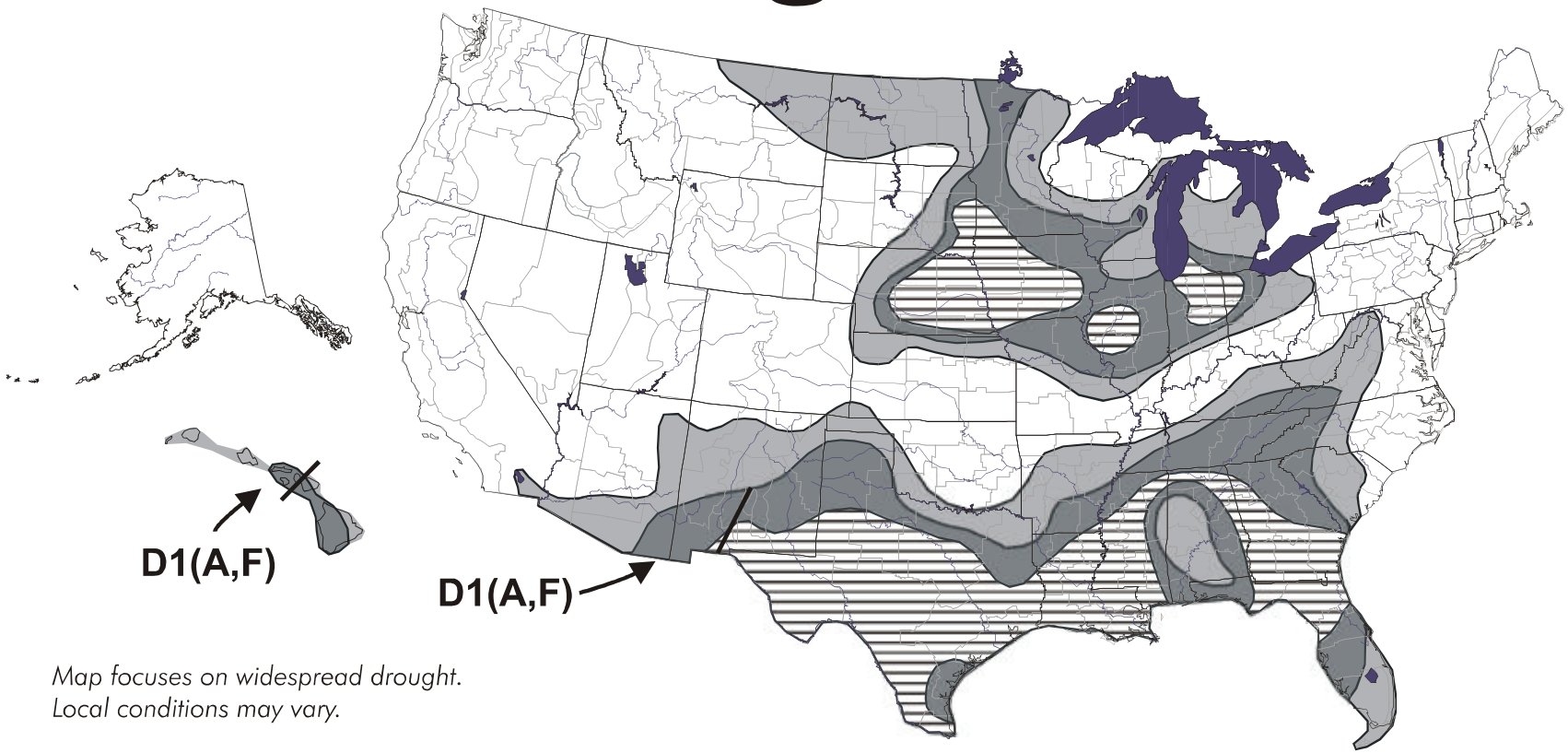
Departure of Average Temperature from Normal (°F)

MAR 19 - 25, 2000



March 21, 2000 Valid 7 a.m. EST

U.S. Drought Monitor



Map focuses on widespread drought.
Local conditions may vary.

- D0 Abnormally Dry
- D1 Drought-First Stage
- D2 Drought–Severe
- D3 Drought–Extreme
- D4 Drought–Exceptional
- Delineates Overlapping Areas

Drought type: used only when impacts differ

A = Agriculture
W = Water
F = Forest fire danger

Plus (+) = Forecast to intensify next two weeks
Minus (-) = Forecast to diminish next two weeks
No sign = No change in drought classification forecast

USDA · National Drought Mitigation Center · Department of Commerce, United States of America · NOAA

•Released Thursday, March 23, 2000•

National Weather Data for Selected Cities

** CORRECTED Weather Data for the Week Ending January 15, 2000 **

Data Provided by Climate Prediction Center (301-763-8000, Ext. 7503)

STATES AND STATIONS		TEMPERATURE EF						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																	TEMP. EF		PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Dec 1	PCT. NORMAL SINCE Dec 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL	BIRMINGHAM	63	39	69	25	51	10	1.84	0.67	1.28	5.85	77	2.92	116	90	34	0	2	3	2
	HUNTSVILLE	60	37	67	25	48	9	0.84	-0.35	0.53	5.64	67	2.24	86	94	42	0	2	3	1
	MOBILE	71	49	79	36	60	10	1.17	0.10	0.66	5.20	68	1.77	76	91	49	0	0	4	1
	MONTGOMERY	68	41	75	27	55	9	1.84	0.79	1.16	5.86	78	2.48	109	91	34	0	2	3	2
AK	ANCHORAGE	9	-1	17	-9	4	-11	0.05	-0.14	0.04	1.68	110	0.13	32	80	54	0	7	2	0
	BARROW	-1	-18	11	-28	-10	3	0.19	0.16	0.12	0.35	159	0.22	367	88	71	0	7	3	0
	FAIRBANKS	-21	-41	1	-48	-31	-20	0.03	-0.08	0.03	0.43	39	0.08	31	-99	-99	0	7	1	0
	JUNEAU	22	11	31	1	16	-8	0.04	-1.01	0.04	11.06	166	0.76	34	92	55	0	7	1	0
	KODIAK	22	16	28	12	19	-11	0.05	-1.67	0.02	7.77	74	0.76	21	74	51	0	7	2	0
	NOME	9	-11	23	-19	-1	-8	0.64	0.45	0.43	0.85	69	0.64	156	92	59	0	7	3	0
AZ	FLAGSTAFF	53	20	60	15	36	7	0.00	-0.47	0.00	0.13	4	0.13	13	74	20	0	7	0	0
	PHOENIX	73	43	81	36	58	5	0.00	-0.16	0.00	0.01	1	0.01	3	47	17	0	0	0	0
	TUCSON	75	39	85	30	57	6	0.00	-0.20	0.00	0.10	7	0.10	22	30	10	0	1	0	0
	YUMA	73	46	78	40	60	4	0.00	-0.08	0.00	0.00	0	0.00	0	45	17	0	0	0	0
AR	FORT SMITH	63	33	76	28	48	11	0.00	-0.42	0.00	6.37	160	1.36	142	79	29	0	4	0	0
	LITTLE ROCK	63	36	76	28	50	11	0.00	-0.78	0.00	5.43	82	0.19	11	81	32	0	2	0	0
CA	BAKERSFIELD	64	39	71	32	51	4	0.00	-0.19	0.00	0.13	13	0.00	0	72	32	0	1	0	0
	EUREKA	54	46	63	39	50	2	4.03	2.64	1.97	8.00	88	4.98	166	86	79	0	0	5	4
	FRESNO	63	40	70	31	51	6	0.00	-0.44	0.00	0.03	1	0.00	0	91	45	0	1	0	0
	LOS ANGELES	67	52	77	45	60	3	0.00	-0.53	0.00	0.40	15	0.00	0	85	41	0	0	0	0
	REDDING	53	42	58	32	47	2	2.11	0.70	1.12	2.83	33	2.20	73	97	70	0	1	6	2
	SACRAMENTO	58	42	61	34	50	5	0.37	-0.48	0.23	0.41	10	0.38	21	98	63	0	0	2	0
	SAN DIEGO	66	49	77	44	58	1	0.00	-0.41	0.00	0.48	20	0.16	18	89	43	0	0	0	0
	SAN FRANCISCO	58	47	64	42	53	5	0.55	-0.45	0.42	1.03	20	0.56	27	99	77	0	0	4	0
CO	ALAMOSA	49	7	58	-1	28	14	0.00	-0.06	0.00	0.03	5	0.00	0	76	21	0	7	0	0
	CO SPRINGS	54	24	64	16	39	11	0.00	-0.06	0.00	0.26	43	0.06	40	53	16	0	7	0	0
	DENVER	54	22	64	14	38	9	0.00	-0.11	0.00	0.35	40	0.07	29	65	18	0	7	0	0
	GRAND JUNCTION	48	22	54	10	35	11	0.00	-0.14	0.00	0.40	44	0.14	47	80	35	0	7	0	0
	PUEBLO	59	23	66	12	41	12	0.00	-0.08	0.00	0.14	23	0.09	50	62	15	0	6	0	0
CT	BRIDGEPORT	41	27	55	11	34	5	0.44	-0.30	0.39	3.69	72	1.31	81	74	41	0	4	3	0
	HARTFORD	36	20	53	-4	28	3	1.44	0.66	1.11	4.05	72	1.78	105	79	44	0	5	3	1
DC	WASHINGTON	48	33	62	22	41	7	0.03	-0.59	0.02	3.74	84	1.25	93	72	38	0	3	2	0
DE	WILMINGTON	45	29	57	17	37	6	0.47	-0.22	0.41	3.10	62	1.25	82	76	42	0	3	2	0
FL	DAYTONA BEACH	74	51	81	45	63	5	0.02	-0.59	0.01	1.76	45	0.20	16	95	42	0	0	2	0
	JACKSONVILLE	72	43	80	30	58	6	0.03	-0.70	0.03	1.40	33	0.51	34	97	39	0	1	1	0
	KEY WEST	78	67	82	63	73	3	0.00	-0.47	0.00	1.21	40	0.56	56	88	61	0	0	0	0
	MIAMI	78	65	84	63	72	5	0.02	-0.42	0.02	2.94	106	0.26	27	87	54	0	0	1	0
	ORLANDO	76	51	82	44	63	3	0.01	-0.49	0.01	2.67	84	0.02	2	96	39	0	0	1	0
	PENSACOLA	70	52	78	41	61	11	0.60	-0.44	0.34	4.57	70	0.66	30	89	45	0	0	5	0
	TALLAHASSEE	70	40	79	27	55	5	0.61	-0.46	0.40	3.23	44	0.68	30	99	42	0	2	4	0
	TAMPA	75	53	86	41	64	4	0.10	-0.32	0.09	1.18	39	0.16	18	95	47	0	0	2	0
	WEST PALM	78	59	83	55	68	3	0.01	-0.62	0.01	1.46	38	0.01	1	91	51	0	0	1	0
GA	ATHENS	62	37	73	24	49	8	3.11	2.06	1.99	5.60	89	3.36	151	89	33	0	2	2	2
	ATLANTA	62	39	69	27	50	9	3.00	1.93	1.70	5.69	86	3.48	153	85	32	0	2	2	2
	AUGUSTA	66	32	76	20	49	5	2.33	1.42	1.74	3.42	64	2.45	128	92	28	0	3	2	2
	COLUMBUS	67	40	74	30	53	8	1.52	0.48	0.93	3.35	46	1.63	72	89	26	0	1	4	2
	MACON	65	36	74	23	51	6	2.32	1.30	1.14	4.35	67	2.55	116	91	34	0	2	3	2
	SAVANNAH	69	37	76	24	53	4	0.67	-0.16	0.67	2.77	59	0.83	48	97	35	0	2	1	1
HI	HILO	75	64	78	63	70	-2	4.53	2.29	2.24	21.26	125	6.46	131	98	79	0	0	7	2
	HONOLULU	80	70	81	66	75	2	0.05	-0.79	0.04	2.71	48	0.06	3	86	60	0	0	2	0
	KAHULUI	78	65	82	59	72	0	0.29	-0.67	0.24	2.85	54	0.30	15	90	59	0	0	4	0
	LIHUE	76	69	77	66	73	1	0.80	-0.60	0.63	5.17	64	1.08	36	94	73	0	0	5	1
ID	BOISE	44	31	52	24	38	10	0.62	0.29	0.36	1.99	96	1.09	154	89	55	0	5	5	0
	LEWISTON	41	32	49	28	36	3	0.21	-0.09	0.07	1.45	78	0.31	48	94	62	0	4	4	0
	POCATELLO	41	27	48	21	34	11	0.36	0.11	0.25	0.84	51	0.57	108	87	51	0	5	6	0
IL	CHICAGO/O'HARE	38	26	46	11	32	11	0.26	-0.10	0.13	3.31	100	0.54	65	88	59	0	5	3	0
	MOLINE	40	24	49	11	32	12	0.27	-0.10	0.24	2.67	87	0.40	48	88	57	0	5	2	0
	PEORIA	41	26	52	14	34	13	0.18	-0.17	0.12	2.84	87	0.29	35	89	53	0	5	2	0
	ROCKFORD	36	23	44	8	30	12	0.22	-0.08	0.15	2.31	84	0.37	53	93	66	0	5	2	0
	SPRINGFIELD	45	26	55	13	35	11	0.08	-0.27	0.08	2.53	71	0.33	40	84	49	0	5	1	0
IN	EVANSVILLE	52	29	59	19	41	11	0.09	-0.51	0.09	7.51	150	2.38	178	86	44	0	5	1	0
	FORT WAYNE	38	24	48	10	31	8	0.17	-0.26	0.12	2.13	55	0.18	18	91	63	0	5	4	0
	INDIANAPOLIS	45	27	52	14	36	11	0.13	-0.41	0.10	3.51	77	0.90	75	90	49	0	5	2	0
	SOUTH BEND	39	28	48	20	34	11	0.49	-0.03	0.37	3.30	73	0.64	54	85	59	0	5	4	0
IA	BURLINGTON	40	27	50	12	33	12	0.05	-0.24	0.03	2.57	97	0.05	7	84	58	0	5	2	0
	CEDAR RAPIDS	38	22	48	8	30	13	0.21	-0.03	0.11	0.97	46	0.22	41	89	60	0	6	2	0
	DES MOINES	41	24	51	10	33	14	0.03	-0.19	0.02	0.49	27	0.14	29	80	44	0	6	2	0
	DUBUQUE	35	22	45	10	29	13	0.22	-0.07	0.20	1.12	43	0.26	39	90	64	0	6	2	0
	SIOUX CITY	41	17	54	6	29	12	0.01	-0.12	0.01	0.45	42	0.10	34	82	46	0	7	1	0
	WATERLOO	37	21	49	9	29	15	0.36	0.18	0.28	0.98	57	0.40	98	86	57	0	6	2	0
KS	CONCORDIA	50	26	57	18	38	12	0.00	-0.14	0.00	0.43	38	0.00	0	76	35	0	6	0	0
	DODGE CITY	58	24	66	16	41	12	0.00	-0.11	0.00	0.43	48	0.12	50	71	21	0	6	0	0
	GOODLAND	54	22	67	19	38	10	0.00	-0.08	0.00	0.41	68	0.10	53	72	25	0	7	0	0
	TOPEKA	51	26	62	19	38	12	0.00	-0.22	0.00	1.79	93	0.03	6	77	36	0	6	0	0

Based on 1961-90 normals

***** Not Available**

** CORRECTED Weather Data for the Week Ending January 15, 2000 **

STATES AND STATIONS		TEMPERATURE EF						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																	TEMP. EF		PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Dec 1	PCT. NORMAL SINCE Dec 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
	WICHITA	54	28	62	21	41	12	0.00	-0.19	0.00	4.45	275	0.39	93	83	36	0	6	0	0
KY	JACKSON	52	32	63	18	42	9	0.29	-0.57	0.23	3.61	58	1.05	56	76	31	0	4	2	0
	LEXINGTON	50	30	59	20	40	9	0.17	-0.48	0.08	4.26	78	1.56	107	84	45	0	5	3	0
	LOUISVILLE	53	31	59	22	42	11	0.11	-0.54	0.08	9.68	191	4.04	283	83	43	0	4	2	0
	PADUCAH	56	31	66	19	44	12	0.02	-0.72	0.01	6.81	107	2.77	167	84	40	0	5	2	0
LA	BATON ROUGE	73	49	80	37	61	11	0.67	-0.43	0.66	6.11	77	0.84	35	86	42	0	0	2	1
	LAKE CHARLES	72	49	82	35	61	11	0.02	-1.03	0.01	4.59	62	0.11	5	91	53	0	0	2	0
	NEW ORLEANS	73	54	79	42	64	13	0.27	-0.86	0.16	4.21	51	0.35	14	91	45	0	0	2	0
	SHREVEPORT	70	45	79	34	57	12	0.01	-0.87	0.01	5.08	85	1.26	67	86	32	0	0	1	0
ME	CARIBOU	21	4	39	-17	13	4	0.54	-0.03	0.30	3.92	87	1.12	88	84	59	0	7	3	0
	PORTLAND	35	17	52	1	26	5	1.10	0.29	1.06	3.69	58	1.69	94	75	42	0	6	2	1
MD	BALTIMORE	46	30	57	17	38	6	0.44	-0.25	0.44	4.62	94	1.66	111	81	41	0	4	1	0
MA	BOSTON	38	24	55	1	31	2	0.23	-0.58	0.11	2.80	48	1.28	72	74	37	0	4	2	0
	WORCESTER	32	19	49	-1	26	3	0.22	-0.62	0.21	3.73	63	1.18	64	81	44	0	5	2	0
MI	ALPENA	29	20	39	8	24	6	0.16	-0.23	0.16	2.21	76	0.65	76	93	67	0	6	1	0
	GRAND RAPIDS	34	24	42	11	29	7	0.49	0.05	0.26	2.88	75	0.57	57	92	66	0	5	3	0
	HOUGHTON LAKE	29	19	37	7	24	7	0.17	-0.18	0.13	2.31	84	0.68	86	93	72	0	6	4	0
	LANSING	34	19	43	-3	26	5	0.60	0.25	0.29	2.66	85	0.82	103	94	70	0	5	4	0
	MUSKEGON	35	26	42	15	31	8	0.28	-0.28	0.22	3.12	73	0.76	60	92	66	0	5	4	0
	TRAVERSE CITY	32	22	40	14	27	7	0.18	-0.31	0.15	2.44	76	0.60	57	88	65	0	6	2	0
MN	DULUTH	24	4	32	-9	14	7	0.08	-0.21	0.08	0.38	20	0.15	23	94	71	0	7	1	0
	INT'L FALLS	18	-8	38	-26	5	4	0.04	-0.17	0.04	0.27	21	0.09	20	89	65	0	7	1	0
	MINNEAPOLIS	28	12	36	-1	20	9	0.45	0.23	0.30	1.03	66	0.70	149	92	68	0	7	3	0
	ROCHESTER	28	13	36	-1	21	10	0.11	-0.08	0.08	0.63	44	0.14	34	93	74	0	7	2	0
	ST. CLOUD	25	6	34	-6	16	8	0.29	0.12	0.16	0.51	43	0.29	78	94	71	0	7	4	0
MS	JACKSON	67	42	72	28	55	11	0.14	-1.07	0.10	3.44	40	0.68	26	91	41	0	2	2	0
	MERIDIAN	67	41	72	24	54	9	0.98	-0.19	0.50	5.21	60	1.63	63	92	31	0	2	3	1
	TUPELO	63	37	71	25	50	10	0.64	-0.49	0.56	4.34	50	1.31	52	91	32	0	2	2	1
MO	COLUMBIA	51	29	64	16	40	13	0.04	-0.29	0.03	3.78	117	0.41	54	74	39	0	5	2	0
	KANSAS CITY	50	28	61	19	39	14	0.02	-0.23	0.02	2.36	110	0.18	32	76	36	0	5	1	0
	SAINT LOUIS	52	30	63	17	41	12	0.03	-0.39	0.02	2.54	64	0.70	73	79	47	0	5	2	0
	SPRINGFIELD	55	30	69	19	43	12	0.00	-0.41	0.00	7.85	191	0.86	91	78	33	0	4	0	0
MT	BILLINGS	35	19	43	9	27	5	0.17	-0.05	0.12	0.42	33	0.22	47	83	39	0	7	2	0
	BUTTE	33	15	44	-9	24	8	0.32	0.18	0.14	0.90	122	0.36	120	91	52	0	6	4	0
	GLASGOW	22	9	38	-1	16	6	0.00	-0.08	0.00	0.33	59	0.13	72	91	67	0	7	0	0
	GREAT FALLS	34	14	42	4	24	3	0.04	-0.18	0.04	0.07	5	0.04	9	86	35	0	7	1	0
	KALISPELL	34	21	39	13	27	7	0.62	0.26	0.37	2.12	84	1.03	129	94	60	0	7	6	0
	MILES CITY	36	18	44	11	27	12	0.00	-0.14	0.00	0.26	28	0.02	7	81	44	0	7	0	0
	MISSOULA	34	19	42	11	26	4	0.39	0.09	0.15	0.89	49	0.41	63	95	58	0	7	5	0
NE	GRAND ISLAND	50	20	65	9	35	14	0.00	-0.11	0.00	0.28	29	0.01	4	74	27	0	7	0	0
	LINCOLN	47	23	58	12	35	14	0.00	-0.12	0.00	0.58	50	0.01	4	76	34	0	7	0	0
	NORFOLK	46	18	59	8	32	13	0.00	-0.11	0.00	0.20	20	0.00	0	74	33	0	7	0	0
	NORTH PLATTE	52	14	68	11	33	12	0.00	-0.08	0.00	0.07	11	0.02	11	84	24	0	7	0	0
	OMAHA	44	22	54	11	33	12	0.00	-0.17	0.00	0.58	41	0.01	3	77	37	0	7	0	0
	SCOTTSBLUFF	50	21	62	12	36	12	0.00	-0.11	0.00	0.21	26	0.08	33	80	28	0	7	0	0
	VALENTINE	48	17	65	8	32	13	0.00	-0.06	0.00	0.16	33	0.05	42	83	27	0	7	0	0
NV	ELY	50	24	54	11	37	13	0.01	-0.16	0.01	0.06	6	0.01	3	65	23	0	7	1	0
	LAS VEGAS	60	38	63	31	49	4	0.00	-0.11	0.00	0.00	0	0.00	0	56	28	0	1	0	0
	RENO	54	38	61	25	46	14	0.38	0.13	0.35	0.45	30	0.38	72	61	23	0	1	2	0
	WINNEMUCCA	53	32	61	20	43	14	0.20	0.03	0.20	0.36	29	0.28	74	76	29	0	3	1	0
NH	CONCORD	33	16	50	-1	25	6	0.67	0.10	0.60	2.61	59	1.26	100	78	41	0	6	2	1
NJ	NEWARK	43	29	59	13	36	5	0.93	0.16	0.89	4.59	90	1.64	98	78	46	0	3	3	1
NM	ALBUQUERQUE	57	27	62	23	42	8	0.00	-0.11	0.00	0.19	26	0.16	67	54	19	0	7	0	0
NY	ALBANY	33	18	45	-4	26	5	0.77	0.23	0.61	2.94	71	1.52	128	78	51	0	6	4	1
	BINGHAMTON	30	19	42	3	25	4	0.92	0.37	0.67	3.02	72	1.37	112	94	64	0	7	4	1
	BUFFALO	34	23	45	6	28	4	0.96	0.33	0.39	4.08	80	1.88	133	89	59	0	4	5	0
	ROCHESTER	35	22	47	4	29	5	0.36	-0.11	0.28	3.21	85	1.15	110	93	60	0	5	4	0
	SYRACUSE	34	18	45	-3	26	3	0.99	0.45	0.45	2.95	67	1.60	132	93	58	0	6	5	0
NC	ASHEVILLE	56	28	66	15	42	6	2.51	1.79	1.42	4.78	94	2.80	182	84	26	0	5	3	2
	CHARLOTTE	59	34	73	19	46	7	1.46	0.63	0.75	3.64	69	1.90	107	80	27	0	3	2	2
	GREENSBORO	55	33	69	20	44	7	1.05	0.33	0.73	3.63	74	1.58	103	75	25	0	3	3	1
	HATTERAS	55	45	66	29	50	5	0.26	-0.95	0.24	5.00	70	0.43	17	83	58	0	1	2	0
	RALEIGH	57	34	70	19	46	7	1.50	0.73	0.91	4.32	88	2.00	121	79	29	0	3	2	2
	WILMINGTON	62	40	73	23	51	6	0.42	-0.46	0.38	2.17	39	0.76	40	85	42	0	2	2	0
ND	BISMARCK	22	4	40	-8	13	4	0.11	0.00	0.09	0.56	75	0.33	138	91	70	0	7	2	0
	DICKINSON	28	8	41	2	18	5	0.04	-0.04	0.01	0.28	49	0.07	39	92	64	0	7	1	0
	FARGO	18	1	33	-9	10	5	0.01	-0.16	0.01	0.46	46	0.01	3	89	70	0	7	1	0
	GRAND FORKS	15	-5	36	-17	5	1	0.00	-0.17	0.00	0.35	36	0.00	0	90	68	0	7	0	0
	JAMESTOWN	17	0	39	-8	9	2	0.19	0.05	0.10	0.31	40	0.26	87	92	73	0	7	3	0
	WILLISTON	20	-4	38	-14	8	0	0.14	0.01	0.13	0.57	66	0.27	96	90	67	0	7	2	0
OH	AKRON-CANTON	38	24	51	10	31	6	0.30	-0.20	0.15	3.17	78	1.30	117	92	65	0	5	3	0
	CINCINNATI	49	28	56	15	38	10	0.31	-0.28	0.28	6.07	136	2.47	190	86	47	0	5	3	0
	CLEVELAND	39	26	53	13	33	8	0.20	-0.27	0.12	3.63	87	0.93	88	85	57	0	5	3	0
	COLUMBUS	42	25	53	12	34	8	0.10	-0.40	0.04	4.56	115	1.88	169	87	50	0	6	4	0
	DAYTON	42	25	50	10	33	7	0.08	-0.41	0.05	3.80	94	1.24	113	87	51	0	6	2	0
	MANSFIELD	39	23	50	5	31	7	0.23	-0.23	0.10	3.20	78	0.50	48	90	57	0	5	4	0

Based on 1961-90 normals

***** Not Available**

** CORRECTED Weather Data for the Week Ending January 15, 2000 **

STATES AND STATIONS		TEMPERATURE EF						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																	TEMP. EF		PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Dec 1	PCT. NORMAL SINCE Dec 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
	TOLEDO	37	23	47	2	30	8	0.25	-0.16	0.17	2.26	58	0.44	46	87	58	0	5	3	0
	YOUNGSTOWN	39	25	53	13	32	8	0.31	-0.19	0.12	4.16	103	1.79	161	90	56	0	5	4	0
OK	OKLAHOMA CITY	61	33	68	24	47	11	0.00	-0.25	0.00	3.99	206	0.28	52	76	26	0	3	0	0
	TULSA	61	33	74	22	47	12	0.00	-0.34	0.00	5.43	186	0.32	42	76	25	0	3	0	0
OR	ASTORIA	46	38	52	34	42	0	4.41	2.08	1.01	20.69	133	7.83	155	99	76	0	0	7	5
	BURNS	38	23	42	4	31	8	0.97	0.74	0.39	1.67	101	1.10	216	94	69	0	5	5	0
	EUGENE	44	34	50	30	39	-1	6.00	4.15	1.76	11.02	87	7.37	182	99	81	0	1	7	4
	MEDFORD	47	36	48	31	41	3	4.02	3.39	1.56	5.30	112	4.41	313	98	75	0	1	7	2
	PENDLETON	43	34	54	31	38	5	0.84	0.48	0.42	2.42	101	1.41	183	90	57	0	3	6	0
	PORTLAND	43	35	50	29	39	0	2.88	1.62	0.88	8.08	91	4.46	162	98	74	0	2	7	2
	SALEM	43	35	50	28	39	0	3.59	2.21	1.01	10.62	108	5.24	172	99	80	0	1	7	3
PA	ALLENTOWN	40	25	50	12	33	6	0.64	-0.08	0.61	3.37	67	0.92	59	81	46	0	5	3	1
	ERIE	39	26	50	15	33	7	0.48	-0.03	0.26	4.87	102	1.03	88	93	57	0	4	4	0
	MIDDLETOWN	42	28	52	17	35	6	0.84	0.20	0.78	3.54	76	0.97	70	79	46	0	5	2	1
	PHILADELPHIA	45	30	59	17	37	7	0.45	-0.29	0.36	4.23	85	1.24	77	75	43	0	3	2	0
	PITTSBURGH	42	26	56	15	34	8	0.17	-0.41	0.10	3.48	83	1.24	97	88	41	0	5	3	0
	WILKES-BARRE	37	23	49	7	30	5	0.73	0.26	0.61	2.36	66	1.12	108	81	47	0	5	3	1
	WILLIAMSPORT	40	25	50	10	32	7	0.46	-0.12	0.37	3.30	77	0.94	75	81	46	0	5	3	0
RI	PROVIDENCE	39	24	57	4	32	4	0.20	-0.69	0.12	4.05	64	1.66	86	74	37	0	4	3	0
SC	BEAUFORT	65	40	72	28	52	3	0.33	-0.52	0.33	3.31	66	0.84	46	90	39	0	2	1	0
	CHARLESTON	66	39	73	23	53	5	0.01	-0.78	0.01	2.92	61	0.38	23	94	39	0	2	1	0
	COLUMBIA	64	35	74	20	50	6	1.74	0.74	1.53	3.46	61	2.04	96	88	30	0	2	2	1
	GREENVILLE	60	36	74	22	48	8	0.61	-0.30	0.46	3.57	58	0.95	48	79	26	0	2	2	0
SD	ABERDEEN	23	3	38	-7	13	3	0.16	0.08	0.14	0.33	56	0.18	100	89	67	0	7	3	0
	HURON	33	9	44	-4	21	8	0.00	-0.08	0.00	0.12	18	0.02	11	92	58	0	7	0	0
	RAPID CITY	41	18	54	11	29	7	0.03	-0.05	0.03	0.21	32	0.04	22	76	39	0	7	1	0
	SIOUX FALLS	37	10	47	0	23	10	0.00	-0.11	0.00	0.19	20	0.02	8	88	47	0	7	0	0
TN	BRISTOL	52	26	64	15	39	5	0.95	0.23	0.68	2.53	51	1.08	69	84	28	0	5	3	1
	CHATTANOOGA	60	35	68	24	47	10	1.90	0.79	1.10	4.71	62	2.88	120	90	33	0	3	3	2
	KNOXVILLE	54	31	62	19	43	7	2.46	1.51	1.30	5.00	76	3.30	159	89	35	0	3	3	2
	MEMPHIS	61	38	70	27	50	11	0.12	-0.73	0.12	4.99	65	0.26	13	84	34	0	1	1	0
	NASHVILLE	59	34	63	24	47	11	1.13	0.32	0.94	5.32	83	2.82	156	83	46	0	4	2	1
TX	ABILENE	70	39	82	24	55	13	0.00	-0.22	0.00	0.42	28	0.07	15	62	16	0	1	0	0
	AMARILLO	63	28	73	21	45	10	0.00	-0.11	0.00	0.96	143	0.03	13	59	16	0	5	0	0
	AUSTIN	75	42	80	30	59	11	0.01	-0.36	0.01	2.60	97	1.91	242	88	30	0	1	1	0
	BEAUMONT	73	51	82	43	62	11	0.00	-1.11	0.00	4.43	61	0.40	17	90	49	0	0	0	0
	BROWNSVILLE	82	62	85	58	72	13	0.23	-0.13	0.21	0.64	32	0.32	42	99	59	0	0	3	0
	CORPUS CHRISTI	78	57	83	42	68	13	0.00	-0.37	0.00	0.40	20	0.15	20	98	57	0	0	0	0
	DEL RIO	77	42	83	30	59	9	0.00	-0.11	0.00	0.02	2	0.01	4	81	19	0	1	0	0
	EL PASO	65	36	70	32	51	9	0.00	-0.08	0.00	0.63	82	0.00	0	47	19	0	2	0	0
	FORT WORTH	71	44	82	37	57	14	0.00	-0.41	0.00	3.36	124	0.81	93	75	22	0	0	0	0
	GALVESTON	67	57	72	50	62	9	0.02	-0.74	0.01	6.83	132	1.02	61	97	70	0	0	2	0
	HOUSTON	76	50	81	39	63	13	0.01	-0.73	0.01	2.61	51	0.41	25	87	36	0	0	1	0
	LUBBOCK	65	29	76	21	47	9	0.00	-0.08	0.00	1.05	148	0.00	0	56	18	0	6	0	0
	MIDLAND	67	35	79	28	51	9	0.00	-0.08	0.00	0.61	82	0.61	339	70	18	0	2	0	0
	SAN ANGELO	73	36	85	27	54	11	0.00	-0.17	0.00	0.10	9	0.01	3	68	18	0	3	0	0
	SAN ANTONIO	74	46	79	36	60	11	0.00	-0.38	0.00	0.90	39	0.38	48	87	28	0	0	0	0
	VICTORIA	78	52	82	44	65	13	0.04	-0.46	0.02	2.81	91	1.79	172	96	47	0	0	3	0
	WACO	72	44	78	37	58	13	0.01	-0.35	0.01	4.20	160	1.39	181	86	31	0	0	1	0
	WICHITA FALLS	67	35	76	28	51	12	0.00	-0.22	0.00	1.18	66	0.46	94	75	21	0	2	0	0
UT	SALT LAKE CITY	48	30	56	23	39	12	0.36	0.11	0.30	2.84	145	1.00	179	83	39	0	5	2	0
VT	BURLINGTON	30	17	44	-4	23	7	0.55	0.13	0.53	2.13	63	1.01	107	77	46	0	6	2	1
VA	LYNCHBURG	52	29	67	18	40	6	0.83	0.19	0.67	3.64	79	1.28	91	77	29	0	4	2	1
	NORFOLK	55	38	68	28	47	8	1.10	0.25	0.77	3.58	71	1.87	103	75	40	0	2	2	1
	RICHMOND	53	30	69	15	42	6	0.75	0.01	0.47	3.22	66	1.50	94	79	31	0	4	2	1
	ROANOKE	52	30	65	19	41	7	0.61	0.03	0.53	3.18	75	0.72	57	70	26	0	4	2	1
	WASH/DULLES	47	30	60	19	38	7	0.46	-0.15	0.42	3.43	75	0.76	57	79	40	0	4	3	0
WA	OLYMPIA	39	33	44	30	36	-2	3.42	1.55	0.82	15.71	129	5.76	143	99	84	0	2	7	4
	QUILLAYUTE	41	32	47	30	36	-4	4.59	1.29	1.13	30.69	136	9.06	127	99	82	0	5	7	4
	SEATTLE-TACOMA	40	35	44	32	38	-2	1.36	0.10	0.31	8.02	93	2.96	108	10	75	0	1	7	0
	SPOKANE	34	26	41	22	30	3	1.09	0.63	0.25	4.21	122	1.95	189	97	69	0	7	7	0
	YAKIMA	36	26	45	17	31	2	0.56	0.27	0.20	0.98	48	0.70	111	97	73	0	7	5	0
WV	BECKLEY	46	24	56	11	35	6	0.54	-0.12	0.32	2.83	61	1.02	71	80	32	0	6	3	0
	CHARLESTON	51	27	61	16	39	7	0.28	-0.38	0.13	3.39	70	0.84	58	92	37	0	4	4	0
	ELKINS	46	19	56	5	32	5	0.56	-0.14	0.19	4.22	84	0.94	61	91	40	0	7	4	0
	HUNTINGTON	50	27	59	16	39	7	0.15	-0.50	0.08	4.20	88	1.47	104	88	33	0	4	3	0
WI	EAU CLAIRE	29	11	40	4	20	10	0.59	0.36	0.26	1.70	106	1.33	261	93	70	0	7	4	0
	GREEN BAY	28	11	37	-3	20	6	0.27	0.00	0.12	1.26	59	0.43	72	94	67	0	6	4	0
	LA CROSSE	33	17	45	0	25	11	0.00	-0.22	0.00	0.65	37	0.00	0	92	61	0	6	0	0
	MADISON	31	20	41	4	26	10	0.18	-0.07	0.06	1.16	48	0.30	52	91	64	0	5	6	0
	MILWAUKEE	35	23	42	12	29	10	0.10	-0.27	0.06	1.65	52	0.39	46	91	63	0	5	3	0
WY	CASPER	43	21	52	7	32	10	0.01	-0.12	0.01	0.14	15	0.04	14	74	30	0	6	1	0
	CHEYENNE	45	22	58	17	34	8	0.00	-0.08	0.00	0.22	37	0.03	17	70	25	0	7	0	0
	LANDER	42	19	51	10	31	12	0.00	-0.11	0.00	0.15	18	0.00	0	66	28	0	7	0	0
	SHERIDAN	35	18	42	5	26	6	0.42	0.25	0.25	1.06	101	0.43	123	81	44	0	7	3	0

Based on 1961-90 normals ***** Not Available**

NOTE: These data are preliminary and subject to change. In the past, precipitation totals from a number of stations have been incomplete.

National Weather Data for Selected Cities

Weather Data for the Week Ending March 25, 2000

Data Provided by Climate Prediction Center (301-763-8000, Ext. 7503)

STATES AND STATIONS		TEMPERATURE EF						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																	TEMP. EF		PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Mar 1	PCT. NORMAL SINCE Mar 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL	BIRMINGHAM	71	48	77	38	59	3	2.98	1.56	2.63	9.47	189	17.36	117	89	44	0	0	2	1
	HUNTSVILLE	68	45	79	35	56	2	3.88	2.37	3.58	6.19	115	13.04	85	93	61	0	0	3	1
	MOBILE	76	49	82	42	63	1	0.76	-0.66	0.73	4.32	82	8.29	54	95	50	0	0	4	1
	MONTGOMERY	73	48	80	40	61	2	1.60	0.21	1.59	3.04	59	8.96	59	91	41	0	0	2	1
AK	ANCHORAGE	38	29	42	25	34	6	0.12	-0.03	0.07	0.13	22	2.25	105	90	74	0	6	2	0
	BARROW	-12	-24	1	-30	-18	-5	0.03	0.00	0.02	0.04	40	0.48	114	79	75	0	7	2	0
	FAIRBANKS	36	11	40	6	24	9	0.00	-0.08	0.00	0.00	0	1.97	168	83	68	0	7	0	0
	JUNEAU	41	36	44	33	39	5	1.84	1.13	0.50	3.08	115	9.46	86	97	91	0	0	7	1
	KODIAK	40	30	43	25	35	1	0.76	-0.26	0.59	5.02	133	13.19	80	89	74	0	4	4	1
	NOME	16	6	26	-12	11	1	0.02	-0.11	0.02	0.17	41	3.67	204	74	66	0	7	1	0
AZ	FLAGSTAFF	47	20	58	18	34	-2	0.58	0.01	0.32	3.19	152	5.12	82	90	36	0	7	3	0
	PHOENIX	74	52	82	47	63	-1	0.00	-0.19	0.00	3.54	472	3.55	169	43	26	0	0	0	0
	TUCSON	73	43	81	38	58	-2	0.00	-0.15	0.00	0.87	150	1.16	54	37	17	0	0	0	0
	YUMA	77	57	87	46	67	1	0.00	-0.06	0.00	0.30	150	0.39	51	27	20	0	0	0	0
AR	FORT SMITH	70	46	82	29	58	4	0.52	-0.42	0.24	1.86	59	4.86	63	90	50	0	1	6	0
	LITTLE ROCK	70	49	79	37	59	4	0.03	-1.14	0.02	3.06	78	7.08	65	95	56	0	0	2	0
CA	BAKERSFIELD	71	43	77	39	57	-1	0.00	-0.22	0.00	1.27	149	3.84	139	72	40	0	0	0	0
	EUREKA	55	45	57	40	50	0	0.12	-1.05	0.08	1.56	37	18.27	122	85	73	0	0	2	0
	FRESNO	72	47	77	42	59	3	0.00	-0.41	0.00	0.99	64	10.27	194	77	52	0	0	0	0
	LOS ANGELES	67	53	72	50	60	2	0.00	-0.39	0.00	1.57	95	7.11	108	77	50	0	0	0	0
	REDDING	69	45	78	39	57	4	0.00	-0.94	0.00	4.11	113	21.06	149	63	39	0	0	0	0
	SACRAMENTO	69	47	76	42	58	4	0.00	-0.54	0.00	1.80	85	17.93	205	78	32	0	0	0	0
	SAN DIEGO	65	52	68	49	59	-1	0.10	-0.29	0.10	1.02	70	4.88	102	82	62	0	0	1	0
	SAN FRANCISCO	63	48	71	43	55	1	0.00	-0.65	0.00	1.77	70	16.15	161	80	57	0	0	0	0
CO	ALAMOSA	53	20	61	7	36	1	0.04	-0.07	0.04	0.13	35	0.38	41	77	39	0	7	1	0
	CO SPRINGS	53	29	62	20	41	2	0.12	-0.11	0.12	1.01	136	1.92	134	85	32	0	5	1	0
	DENVER	54	28	64	23	41	0	0.33	0.01	0.19	1.00	100	1.51	73	90	37	0	6	2	0
	GRAND JUNCTION	57	30	66	23	43	-2	0.37	0.15	0.34	1.08	146	3.13	176	82	50	0	6	3	0
	PUEBLO	57	31	70	19	44	0	0.21	0.02	0.15	2.27	366	2.65	212	82	54	0	4	3	0
CT	BRIDGEPORT	50	35	62	28	43	2	0.02	-0.86	0.02	3.58	119	7.63	82	82	56	0	2	1	0
	HARTFORD	57	30	69	21	44	4	0.01	-0.83	0.01	2.29	79	6.72	70	91	51	0	3	1	0
DC	WASHINGTON	56	41	75	32	49	0	2.04	1.32	1.84	2.69	105	7.76	97	87	61	0	1	4	1
DE	WILMINGTON	54	37	68	28	46	1	3.79	2.99	2.09	5.25	190	10.93	126	88	52	0	1	4	2
FL	DAYTONA BEACH	76	59	85	53	68	2	0.17	-0.45	0.09	0.83	35	3.28	40	95	57	0	0	3	0
	JACKSONVILLE	74	50	80	44	62	-1	0.26	-0.53	0.24	0.61	20	4.55	44	99	49	0	0	2	0
	KEY WEST	83	72	85	70	77	2	0.09	-0.30	0.09	0.38	27	1.54	30	85	60	0	0	1	0
	MIAMI	82	68	85	65	75	3	0.15	-0.40	0.13	0.34	18	2.11	35	87	54	0	0	2	0
	ORLANDO	81	59	88	54	70	2	0.07	-0.62	0.04	0.39	15	1.98	25	95	57	0	0	3	0
	PENSACOLA	73	52	78	45	63	1	0.20	-1.02	0.17	1.24	27	5.55	38	89	56	0	0	4	0
	TALLAHASSEE	78	50	81	41	64	2	0.41	-0.94	0.30	1.44	28	5.36	35	93	49	0	0	3	0
	TAMPA	81	61	85	58	71	3	0.08	-0.53	0.08	0.11	4	2.36	31	90	49	0	0	1	0
	WEST PALM	80	64	87	61	72	1	0.00	-0.83	0.00	0.60	20	2.36	28	89	63	0	0	0	0
GA	ATHENS	70	46	77	43	58	2	2.44	1.21	1.35	4.28	96	10.67	79	93	56	0	0	2	2
	ATLANTA	69	47	75	41	58	2	1.61	0.31	1.59	3.50	74	9.65	68	91	53	0	0	2	1
	AUGUSTA	72	44	80	40	58	1	3.18	2.16	1.64	4.65	122	12.31	101	93	54	0	0	2	2
	COLUMBUS	74	49	81	42	62	3	1.94	0.64	1.94	4.20	89	9.39	66	90	37	0	0	1	1
	MACON	73	46	79	41	59	0	2.70	1.65	1.66	5.25	134	10.83	82	96	47	0	0	2	2
	SAVANNAH	73	48	80	43	60	-1	3.83	2.98	1.98	5.74	186	10.02	101	96	56	0	0	2	2
HI	HILO	79	64	81	63	72	0	0.95	-2.38	0.29	2.21	20	20.60	66	87	77	0	0	6	0
	HONOLULU	82	70	83	68	76	1	0.07	-0.42	0.04	0.08	4	1.42	19	77	67	0	0	2	0
	KAHULUI	82	67	84	65	75	2	0.00	-0.60	0.00	0.03	1	1.09	12	83	70	0	0	0	0
	LIHUE	80	70	80	68	75	2	0.06	-0.90	0.04	0.09	3	2.70	21	76	70	0	0	2	0
ID	BOISE	57	31	66	25	44	0	0.49	0.19	0.18	2.48	238	6.05	170	72	43	0	4	3	0
	LEWISTON	55	35	66	29	45	0	0.75	0.50	0.47	1.30	149	4.42	145	79	55	0	2	2	0
	POCATELLO	50	21	63	13	36	-2	0.27	-0.03	0.25	0.82	80	3.77	127	75	46	0	7	2	0
IL	CHICAGO/O'HARE	57	42	68	36	49	9	0.57	-0.11	0.33	0.94	45	4.26	85	91	66	0	0	4	0
	MOLINE	55	42	70	33	49	8	0.43	-0.33	0.20	0.66	28	5.36	105	91	74	0	0	4	0
	PEORIA	58	45	71	37	52	10	0.94	0.20	0.63	1.44	63	4.07	78	90	57	0	0	3	1
	ROCKFORD	55	40	67	33	47	9	0.55	-0.08	0.39	0.99	52	4.45	103	95	77	0	0	3	0
	SPRINGFIELD	60	45	73	39	52	8	0.63	-0.16	0.49	1.38	54	3.19	55	90	65	0	0	3	0
IN	EVANSVILLE	63	42	76	34	52	3	1.08	-0.02	1.04	2.98	78	14.59	152	94	70	0	0	3	1
	FORT WAYNE	58	41	74	34	49	9	1.12	0.42	0.56	1.59	69	4.41	73	99	66	0	0	3	2
	INDIANAPOLIS	62	43	77	39	53	9	0.34	-0.56	0.28	1.10	36	6.03	77	91	52	0	0	2	0
	SOUTH BEND	58	41	73	34	50	10	0.48	-0.28	0.29	1.55	64	5.58	85	96	65	0	0	2	0
IA	BURLINGTON	56	42	70	34	49	7	0.48	-0.24	0.33	0.76	34	4.22	91	93	56	0	0	3	0
	CEDAR RAPIDS	54	38	68	32	46	7	0.36	-0.23	0.18	0.55	30	3.11	81	99	68	0	1	3	0
	DES MOINES	57	40	69	32	48	8	0.16	-0.43	0.09	0.34	19	3.00	77	91	69	0	1	3	0
	DUBUQUE	52	38	64	30	45	8	0.54	-0.18	0.33	0.78	34	3.61	74	94	77	0	1	2	0
	SIOUX CITY	52	36	68	31	44	5	0.23	-0.26	0.15	0.63	41	1.79	64	92	76	0	2	2	0
	WATERLOO	54	37	68	30	45	7	0.44	-0.14	0.28	0.97	54	3.04	83	94	73	0	1	3	0
KS	CONCORDIA	57	39	67	29	48	4	1.63	1.09	1.30	3.04	173	5.11	165	94	75	0	2	3	1
	DODGE CITY	59	38	68	29	48	2	1.33	0.94	0.81	3.72	305	4.38	188	96	61	0	1	3	1
	GOODLAND	52	31	68	22	42	1	0.45	0.17	0.38	1.69	182	2.67	154	90	63	0	5	3	0
	TOPEKA	61	42	71	35	51	5	0.63	0.01	0.52	1.98	102	4.17	106	92	67	0	0	4	1

Based on 1961-90 normals

***** Not Available**

Weather Data for the Week Ending March 25, 2000

STATES AND STATIONS		TEMPERATURE EF						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																	TEMP. EF		PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Mar 1	PCT. NORMAL SINCE Mar 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
	WICHITA	64	42	74	31	53	5	1.76	1.17	1.14	4.07	210	7.71	209	92	64	0	1	3	2
KY	JACKSON	66	47	78	42	57	7	0.49	-0.60	0.37	1.40	36	7.56	66	89	44	0	0	4	0
	LEXINGTON	62	44	74	36	53	5	1.45	0.43	1.21	3.28	92	11.49	119	89	64	0	0	2	1
	LOUISVILLE	64	46	77	40	55	6	0.98	-0.09	0.79	3.02	81	15.15	153	94	57	0	0	2	1
	PADUCAH	64	44	75	39	54	4	0.99	-0.16	0.98	3.54	89	15.11	136	93	55	0	0	2	1
LA	BATON ROUGE	77	49	83	37	63	0	0.28	-0.79	0.28	1.98	51	5.41	38	10	50	0	0	1	0
	LAKE CHARLES	76	54	81	40	65	3	0.45	-0.27	0.44	1.66	62	3.97	37	96	53	0	0	2	0
	NEW ORLEANS	76	52	81	41	64	1	0.30	-0.76	0.30	1.90	48	5.96	40	97	60	0	0	1	0
	SHREVEPORT	73	52	83	37	63	3	1.47	0.67	1.10	4.16	143	9.07	85	94	55	0	0	4	1
ME	CARIBOU	45	19	53	-3	32	4	0.02	-0.55	0.02	1.36	70	7.18	114	70	35	0	7	1	0
	PORTLAND	46	25	60	16	35	-1	0.00	-0.85	0.00	1.32	45	7.62	78	84	52	0	7	0	0
MD	BALTIMORE	55	39	72	32	47	1	2.20	1.43	1.78	3.15	115	8.80	99	88	68	0	1	4	1
MA	BOSTON	47	34	64	25	40	-1	0.00	-0.83	0.00	2.45	83	7.77	76	85	62	0	3	0	0
	WORCESTER	51	31	65	21	41	5	0.00	-0.91	0.00	2.38	75	8.09	78	86	45	0	5	0	0
MI	ALPENA	52	33	60	31	43	12	0.19	-0.32	0.08	0.62	37	4.52	98	95	62	0	3	5	0
	GRAND RAPIDS	56	40	71	33	48	11	0.80	0.14	0.29	1.12	54	3.67	69	96	62	0	0	3	0
	HOUGHTON LAKE	53	36	66	31	45	14	0.13	-0.36	0.08	1.19	74	4.11	96	98	67	0	3	2	0
	LANSING	56	38	70	31	47	11	0.23	-0.34	0.15	0.67	37	2.74	59	94	72	0	2	2	0
	MUSKEGON	55	40	70	33	47	11	0.65	0.03	0.25	0.85	43	2.95	51	90	67	0	0	3	0
	TRAVERSE CITY	56	39	67	33	47	15	0.21	-0.21	0.12	0.97	71	3.80	79	94	53	0	0	3	0
MN	DULUTH	47	33	58	30	40	12	0.21	-0.27	0.21	1.10	73	3.02	86	96	77	0	5	1	0
	INT'L FALLS	52	29	63	21	41	15	0.58	0.32	0.38	0.72	87	1.55	66	89	50	0	6	3	0
	MINNEAPOLIS	52	40	64	31	46	12	0.36	-0.12	0.19	0.82	54	2.78	83	91	60	0	1	2	0
	ROCHESTER	50	36	63	28	43	10	0.09	-0.37	0.09	0.25	18	3.00	103	95	79	0	2	1	0
	ST. CLOUD	50	35	59	29	42	11	0.57	0.20	0.38	1.58	145	3.37	137	91	55	0	3	2	0
MS	JACKSON	75	49	83	39	62	3	1.26	-0.09	0.60	2.70	58	5.87	40	96	49	0	0	4	1
	MERIDIAN	75	47	81	37	61	2	1.58	0.04	1.42	2.87	53	7.44	46	97	54	0	0	3	1
	TUPELO	71	47	80	36	59	3	1.93	0.53	1.88	4.12	84	11.14	77	86	58	0	0	3	1
MO	COLUMBIA	61	41	74	34	51	5	0.16	-0.61	0.08	1.37	55	5.53	95	94	55	0	0	2	0
	KANSAS CITY	59	42	72	32	50	5	0.94	0.32	0.48	2.84	143	5.51	132	93	62	0	2	2	0
	SAINT LOUIS	60	45	77	37	53	5	0.63	-0.22	0.38	1.40	49	5.74	84	95	77	0	0	3	0
	SPRINGFIELD	65	43	74	36	54	5	0.04	-0.90	0.02	1.48	48	4.33	61	94	64	0	0	3	0
MT	BILLINGS	56	29	70	20	43	6	0.00	-0.29	0.00	0.08	9	2.89	118	57	20	0	5	0	0
	BUTTE	48	19	59	12	34	4	0.15	-0.04	0.13	0.33	54	1.23	80	88	25	0	7	2	0
	GLASGOW	55	27	66	21	41	8	0.05	-0.06	0.03	0.06	19	0.29	30	77	45	0	5	2	0
	GREAT FALLS	55	26	65	23	40	5	0.00	-0.28	0.00	0.25	29	1.28	54	72	25	0	7	0	0
	KALISPELL	49	26	62	21	38	2	0.17	-0.05	0.15	0.88	111	2.50	73	87	56	0	6	2	0
	MILES CITY	57	28	69	21	43	7	0.00	-0.16	0.00	0.00	0	1.05	71	78	23	0	5	0	0
	MISSOULA	52	28	66	20	40	2	0.09	-0.13	0.06	0.24	30	2.70	96	79	50	0	6	3	0
NE	GRAND ISLAND	53	35	67	28	44	3	0.40	-0.08	0.39	1.30	88	2.90	109	97	74	0	3	2	0
	LINCOLN	54	36	67	28	45	3	0.36	-0.17	0.35	0.72	44	2.37	82	95	72	0	2	2	0
	NORFOLK	52	37	67	29	45	6	0.54	0.08	0.54	1.11	76	2.43	88	92	71	0	3	1	1
	NORTH PLATTE	54	30	69	15	42	3	0.22	-0.09	0.12	1.22	131	1.99	116	96	47	0	4	3	0
	OMAHA	55	38	67	32	47	5	0.41	-0.10	0.41	0.75	47	2.87	92	98	81	0	1	1	0
	SCOTTSBLUFF	55	27	66	20	41	3	0.23	-0.05	0.15	1.03	121	2.18	120	84	49	0	6	2	0
	VALENTINE	54	29	65	14	42	6	0.04	-0.22	0.04	0.69	85	2.08	136	88	55	0	4	1	0
NV	ELY	52	21	62	13	37	1	0.00	-0.22	0.00	0.61	80	2.88	136	64	38	0	7	0	0
	LAS VEGAS	72	49	79	45	61	3	0.00	-0.08	0.00	0.23	66	1.82	139	40	24	0	0	0	0
	RENO	62	35	70	25	48	4	0.00	-0.14	0.00	0.38	64	3.50	132	55	31	0	3	0	0
	WINNEMUCCA	58	26	69	15	42	1	0.05	-0.14	0.05	0.62	98	3.52	177	72	40	0	5	1	0
NH	CONCORD	58	25	66	10	41	6	0.06	-0.57	0.05	2.07	95	7.16	99	87	33	0	6	2	0
NJ	NEWARK	55	39	71	30	47	3	0.02	-0.89	0.02	1.88	60	6.81	71	85	59	0	1	1	0
NM	ALBUQUERQUE	59	34	68	23	47	-2	0.68	0.55	0.38	0.71	173	1.31	100	74	35	0	1	2	0
NY	ALBANY	58	29	66	15	44	7	0.25	-0.44	0.25	2.20	94	8.46	121	80	38	0	5	1	0
	BINGHAMTON	56	36	68	22	46	11	0.28	-0.38	0.21	2.30	102	8.61	123	76	49	0	2	2	0
	BUFFALO	58	37	67	26	48	12	0.00	-0.63	0.00	1.72	80	6.12	85	80	47	0	1	0	0
	ROCHESTER	58	38	72	27	48	11	0.04	-0.48	0.02	1.96	108	6.91	115	84	52	0	1	2	0
	SYRACUSE	60	35	72	22	48	11	0.00	-0.67	0.00	1.01	46	6.19	93	76	42	0	2	0	0
NC	ASHEVILLE	63	39	72	35	51	2	1.96	0.93	1.57	3.26	86	8.69	79	94	58	0	0	2	1
	CHARLOTTE	67	43	77	39	55	2	1.54	0.57	1.54	3.31	91	9.97	89	90	52	0	0	1	1
	GREENSBORO	62	43	77	36	52	1	0.48	-0.34	0.47	2.21	73	7.71	81	89	53	0	0	2	0
	HATTERAS	58	47	65	43	52	-1	0.01	-0.95	0.01	0.24	7	9.93	77	95	72	0	0	1	0
	RALEIGH	61	41	77	32	51	-1	0.77	-0.05	0.68	1.18	38	9.41	92	95	64	0	1	3	1
	WILMINGTON	64	42	74	37	53	-3	0.76	-0.09	0.73	2.11	67	8.08	75	97	57	0	0	2	1
ND	BISMARCK	55	30	62	28	43	11	0.09	-0.12	0.05	1.23	212	3.36	230	90	54	0	6	2	0
	DICKINSON	55	29	64	24	42	10	0.03	-0.17	0.03	0.14	27	1.36	109	87	33	0	4	1	0
	FARGO	48	34	56	29	41	11	0.32	0.04	0.22	1.11	137	2.45	127	94	72	0	3	4	0
	GRAND FORKS	51	30	62	23	41	13	0.28	0.04	0.23	0.28	38	2.05	105	95	51	0	6	3	0
	JAMESTOWN	51	32	60	27	41	11	0.09	-0.14	0.05	0.82	122	3.23	184	96	53	0	4	2	0
	WILLISTON	55	29	63	20	42	10	0.10	-0.08	0.08	0.31	58	1.15	78	83	46	0	4	2	0
OH	AKRON-CANTON	57	39	70	36	48	7	0.55	-0.22	0.46	1.60	60	6.57	93	90	67	0	0	3	0
	CINCINNATI	62	42	76	35	52	6	1.15	0.16	0.86	2.59	76	12.75	147	93	63	0	0	2	1
	CLEVELAND	57	39	71	34	48	8	0.23	-0.46	0.11	1.36	58	6.04	92	95	57	0	0	3	0
	COLUMBUS	59	43	73	38	51	8	1.05	0.28	0.76	2.12	81	8.44	120	87	63	0	0	2	1
	DAYTON	59	43	74	38	51	8	0.83	0.02	0.47	1.53	56	6.88	98	94	58	0	0	2	0
	MANSFIELD	56	39	70	35	47	7	0.95	0.15	0.71	1.64	62	7.25	109	97	55	0	0	3	1

Based on 1961-90 normals

***** Not Available**

Weather Data for the Week Ending March 25, 2000

STATES AND STATIONS		TEMPERATURE EF						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																	TEMP. EF		PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Mar 1	PCT. NORMAL SINCE Mar 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
	TOLEDO	58	39	74	32	49	10	1.06	0.42	0.63	1.47	69	4.25	76	90	61	0	1	3	1
	YOUNGSTOWN	56	38	72	33	47	8	0.43	-0.31	0.27	1.59	64	5.73	86	88	67	0	0	3	0
OK	OKLAHOMA CITY	68	47	80	39	58	5	1.17	0.54	0.49	2.74	126	4.96	102	90	51	0	0	3	0
	TULSA	68	46	80	31	57	4	0.51	-0.32	0.30	3.18	115	5.40	86	88	66	0	1	3	0
OR	ASTORIA	53	39	58	35	46	0	1.04	-0.50	0.54	6.14	106	22.91	98	95	81	0	0	3	1
	BURNS	54	23	65	19	39	1	0.00	-0.22	0.00	0.97	117	4.49	174	84	45	0	7	0	0
	EUGENE	55	36	64	31	46	-2	0.13	-1.06	0.07	2.83	62	18.38	102	94	78	0	1	2	0
	MEDFORD	61	36	68	30	48	0	0.04	-0.35	0.02	1.60	107	9.36	153	89	44	0	3	2	0
	PENDLETON	56	33	62	29	45	-1	0.31	0.05	0.28	2.52	260	7.51	207	81	54	0	3	3	0
	PORTLAND	55	40	61	34	47	-1	0.54	-0.23	0.45	3.94	135	14.11	116	92	81	0	0	2	0
	SALEM	55	37	63	31	46	0	0.35	-0.54	0.21	3.66	106	17.64	127	95	79	0	1	2	0
PA	ALLENTOWN	56	33	67	21	44	2	1.43	0.67	1.18	4.12	157	8.86	101	92	65	0	2	3	1
	ERIE	56	40	69	33	48	9	0.38	-0.33	0.36	1.68	70	6.11	89	82	64	0	0	2	0
	MIDDLETOWN	56	39	74	30	48	4	2.53	1.79	2.50	4.09	154	8.43	100	86	49	0	1	3	1
	PHILADELPHIA	55	38	68	30	46	1	3.20	2.39	2.26	5.49	198	10.75	123	85	64	0	1	2	2
	PITTSBURGH	58	39	74	35	49	7	0.70	-0.10	0.42	1.97	72	6.20	81	79	54	0	0	3	0
	WILKES-BARRE	57	35	69	22	46	7	0.13	-0.47	0.08	2.14	105	6.62	105	81	42	0	1	2	0
	WILLIAMSPORT	57	37	68	28	47	6	1.50	0.76	1.37	3.36	131	7.74	98	85	55	0	1	2	1
RI	PROVIDENCE	53	32	64	24	42	2	0.03	-0.91	0.03	3.63	111	10.56	98	83	47	0	3	1	0
SC	BEAUFORT	71	49	75	45	60	-1	1.49	0.56	1.49	2.63	78	5.56	54	96	46	0	0	1	1
	CHARLESTON	72	48	77	42	60	0	1.88	0.92	1.83	3.33	94	9.38	91	95	48	0	0	2	1
	COLUMBIA	70	46	79	41	58	1	1.46	0.39	1.46	2.58	65	12.64	101	90	57	0	0	1	1
	GREENVILLE	67	46	78	42	56	2	2.37	1.17	2.11	3.74	85	9.33	72	91	48	0	0	2	1
SD	ABERDEEN	54	31	61	19	43	10	0.08	-0.27	0.07	1.07	103	2.03	108	93	67	0	4	2	0
	HURON	55	34	65	21	45	10	0.17	-0.24	0.14	0.34	26	1.12	47	91	48	0	3	2	0
	RAPID CITY	57	27	67	21	42	6	0.01	-0.26	0.01	2.53	320	3.06	180	77	34	0	6	1	0
	SIOUX FALLS	52	36	62	28	44	8	0.39	-0.04	0.39	0.84	66	2.56	106	90	69	0	3	1	0
TN	BRISTOL	65	40	74	36	52	3	1.34	0.51	1.31	3.04	101	8.53	88	89	46	0	0	3	1
	CHATTANOOGA	70	45	81	37	58	6	1.80	0.44	1.72	4.12	84	11.63	79	92	49	0	0	2	1
	KNOXVILLE	68	47	75	43	57	6	0.87	-0.28	0.51	2.99	72	11.55	93	91	51	0	0	3	1
	MEMPHIS	69	49	79	40	59	4	0.86	-0.40	0.77	3.43	79	10.17	82	89	55	0	0	2	1
	NASHVILLE	66	46	78	41	56	4	1.72	0.61	1.56	2.51	64	9.78	86	89	53	0	0	2	1
TX	ABILENE	76	51	84	41	64	6	0.05	-0.27	0.05	0.61	57	1.22	37	74	43	0	0	1	0
	AMARILLO	63	37	82	29	50	1	2.24	2.02	1.12	2.62	336	2.90	153	89	50	0	2	3	2
	AUSTIN	77	55	85	32	66	2	0.12	-0.29	0.06	1.12	75	6.09	113	86	65	0	1	4	0
	BEAUMONT	76	55	81	42	66	3	0.37	-0.37	0.37	2.37	90	4.77	44	94	57	0	0	1	0
	BROWNSVILLE	84	66	86	52	75	5	0.01	-0.12	0.01	0.34	83	1.48	49	93	59	0	0	1	0
	CORPUS CHRISTI	78	65	82	50	71	4	0.02	-0.17	0.02	3.68	484	4.80	108	96	72	0	0	1	0
	DEL RIO	82	59	91	50	71	6	0.23	0.05	0.13	0.28	57	1.26	63	71	44	1	0	3	0
	EL PASO	70	41	80	35	55	-2	0.00	-0.06	0.00	0.08	33	0.11	10	55	25	0	0	0	0
	FORT WORTH	75	54	85	44	64	5	0.71	0.05	0.50	1.54	70	6.43	104	81	45	0	0	4	1
	GALVESTON	73	63	77	52	68	5	0.12	-0.38	0.10	1.68	95	5.13	70	92	64	0	0	2	0
	HOUSTON	77	55	84	38	66	4	0.37	-0.29	0.28	1.31	56	4.88	57	95	61	0	0	2	0
	LUBBOCK	68	41	82	28	54	1	1.42	1.23	1.12	1.74	252	1.79	102	78	49	0	1	2	1
	MIDLAND	74	47	82	34	60	2	0.33	0.19	0.33	0.69	141	1.30	86	75	35	0	0	1	0
	SAN ANGELO	80	54	87	40	67	7	0.71	0.50	0.71	0.77	108	1.08	42	69	39	0	0	1	1
	SAN ANTONIO	80	59	84	39	69	5	0.20	-0.15	0.13	0.75	63	4.35	92	93	46	0	0	4	0
	VICTORIA	79	61	85	46	70	5	0.03	-0.32	0.02	2.21	181	6.63	123	96	62	0	0	2	0
	WACO	74	55	84	46	65	5	0.38	-0.17	0.30	1.28	69	7.87	141	90	65	0	0	2	0
	WICHITA FALLS	72	47	83	36	60	4	1.62	1.08	1.57	2.14	123	4.07	96	88	50	0	0	3	1
UT	SALT LAKE CITY	52	28	61	20	40	-4	0.54	0.08	0.34	1.00	66	4.97	129	76	43	0	6	2	0
VT	BURLINGTON	55	27	62	12	41	7	0.00	-0.54	0.00	0.86	49	5.43	104	74	33	0	7	0	0
VA	LYNCHBURG	59	38	79	30	48	-1	1.26	0.48	0.83	1.98	70	7.15	82	96	67	0	1	3	1
	NORFOLK	56	42	77	37	49	-2	0.84	0.02	0.57	1.59	53	7.79	76	95	78	0	0	3	1
	RICHMOND	58	40	79	32	49	-1	0.63	-0.18	0.40	2.42	82	8.01	86	95	71	0	1	3	0
	ROANOKE	59	41	78	32	50	1	1.51	0.71	1.26	2.50	88	6.27	74	89	64	0	1	4	1
	WASH/DULLES	55	37	76	28	46	1	1.78	1.06	1.30	2.74	107	6.43	80	96	81	0	1	4	1
WA	OLYMPIA	53	34	58	30	44	0	0.86	-0.20	0.51	6.21	153	20.21	113	94	83	0	3	5	1
	QUILLAYUTE	53	36	56	31	44	0	1.67	-0.80	0.52	9.16	97	31.13	86	98	82	0	2	7	1
	SEATTLE-TACOMA	51	38	55	32	45	-1	0.45	-0.31	0.44	3.45	119	12.47	102	94	80	0	1	2	0
	SPOKANE	50	29	62	22	40	0	0.32	-0.01	0.32	2.42	198	5.93	126	87	47	0	5	1	0
	YAKIMA	58	30	64	24	44	0	0.00	-0.14	0.00	0.65	116	3.52	140	78	49	0	5	0	0
WV	BECKLEY	57	39	72	32	48	4	0.39	-0.38	0.26	2.17	79	6.71	78	90	60	0	1	3	0
	CHARLESTON	64	43	79	36	54	6	0.65	-0.18	0.52	2.01	69	7.67	86	88	51	0	0	3	1
	ELKINS	58	35	73	30	46	4	0.92	0.03	0.59	2.39	78	8.21	90	89	52	0	2	3	1
	HUNTINGTON	65	45	78	39	55	6	0.56	-0.29	0.48	2.31	78	9.63	111	89	51	0	0	3	0
WI	EAU CLAIRE	53	38	71	29	46	13	0.45	0.01	0.43	0.69	53	3.44	114	96	57	0	1	2	0
	GREEN BAY	51	37	65	25	44	11	0.41	-0.10	0.26	0.70	43	2.61	69	97	70	0	1	4	0
	LA CROSSE	54	40	68	30	47	11	0.00	-0.51	0.00	0.00	0	2.37	70	95	53	0	1	0	0
	MADISON	52	37	62	30	45	10	0.49	-0.05	0.22	1.00	59	3.80	99	93	73	0	1	3	0
	MILWAUKEE	53	40	62	34	46	10	0.80	0.13	0.45	0.95	45	3.81	74	92	75	0	0	4	0
WY	CASPER	46	22	62	11	34	-1	0.21	-0.03	0.12	0.52	70	1.54	81	74	52	0	7	2	0
	CHEYENNE	50	25	61	19	37	2	0.58	0.32	0.42	0.92	114	1.86	116	81	46	0	7	2	0
	LANDER	46	21	60	15	34	-2	0.46	0.16	0.26	0.63	72	0.90	47	71	44	0	7	2	0
	SHERIDAN	55	22	66	15	39	3	0.04	-0.21	0.04	0.30	41	2.43	115	79	36	0	7	1	0

Based on 1961-90 normals ***** Not Available**

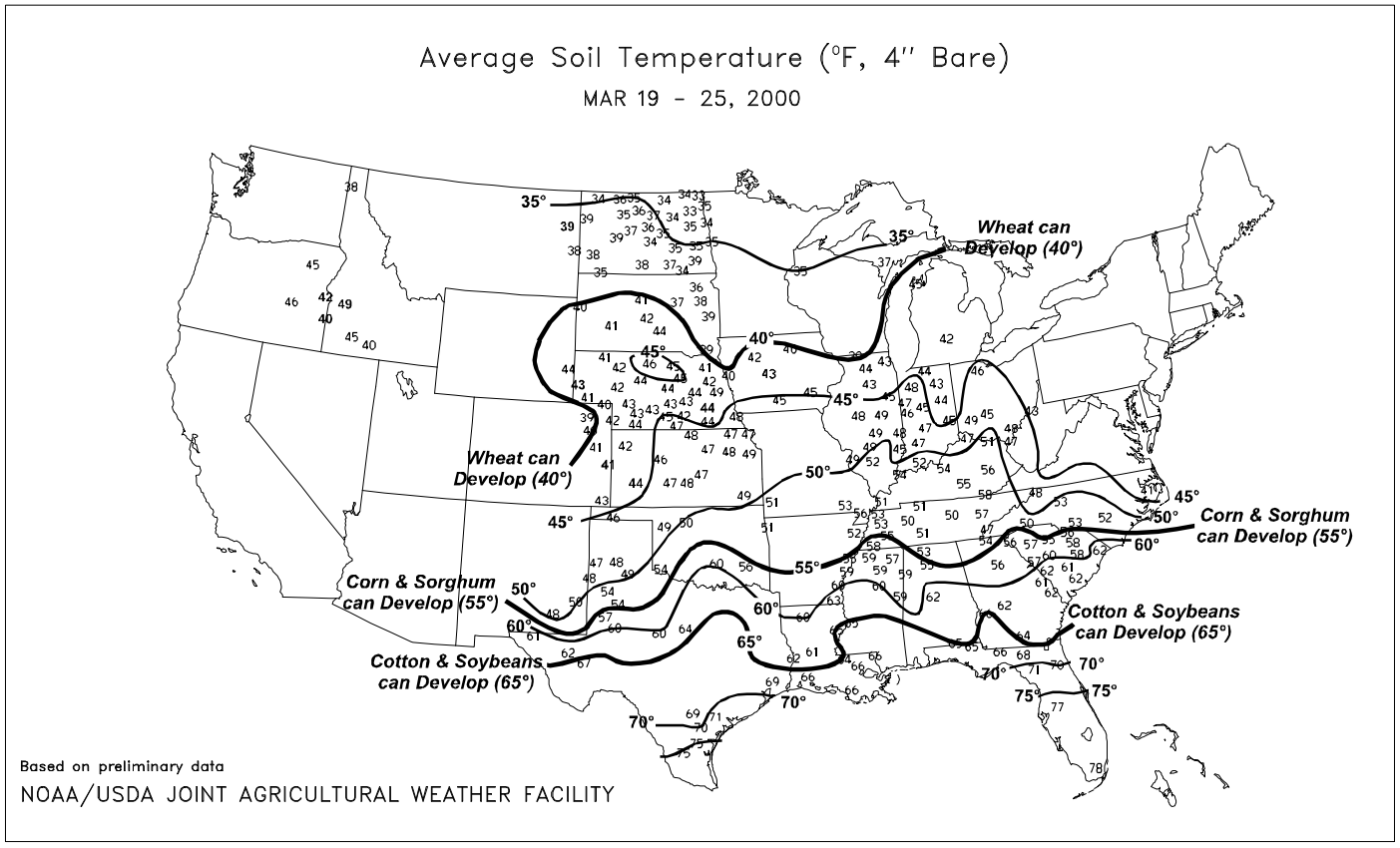
NOTE: These data are preliminary and subject to change. In the past, precipitation totals from a number of stations have been incomplete.

National Agricultural Summary

March 20 - 26, 2000

HIGHLIGHTS

Heavy rain soaked dry soils in the southern Great Plains and improved winter wheat conditions in northern Texas, western Oklahoma, and central Kansas, but strong winds and hail damaged a few fields. Rain in parts of the Southeast and Atlantic Coast States halted fieldwork late in the week, but recharged soil moisture levels in the southern Appalachians and Piedmont. Lighter showers maintained soil moisture levels across most of the Corn Belt, although many areas remained short of moisture, especially west of the Mississippi River. Adjacent areas of the northern Great Plains and upper Mississippi Valley also received light precipitation, but the northern High Plains was dry throughout the week. Fieldwork, including soil tillage, fertilizer and herbicide applications, and small grain seeding, gradually gained momentum in the Corn Belt and the central and northern Great Plains. Late in the week, corn planting continued in the central and southern Great Plains, and a few fields were planted in the Corn Belt. Dry weather returned to the Southwest and extended northward along the Pacific coast into the Pacific Northwest. In northern California, winter grains slowly recovered from excessive wetness, while warm weather promoted rapid crop development where soils were drier. Dry weather also prevailed along the Gulf coast, where growers continued planting corn, cotton, sorghum, soybeans, and rice. In southern Texas, adequate moisture and above-normal temperatures aided development of emerged row crops, but some plants were damaged by wind-blown sand. Above-normal temperatures east of the Rocky Mountains stimulated winter wheat growth in the Corn Belt and Great Plains.



State Agricultural Summaries

These summaries, issued weekly through the summer growing season, provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service. The crop weather reports are also available on the Internet through the NASS Home Page on the World Wide Web at http://www.usda.gov/nass/ or from JAWF at http://www.usda.gov/oce/waob/jawf.

ALABAMA: Weather conditions allowed spring plowing, planting to progress in most areas. Much needed rainfall fell late in the month, allowing germination of early planted crops.

ARIZONA: Area continued to record above average temperatures with modest precipitation during the month of March. Weather conditions have minimal impact on vegetable production as the produce is irrigated. Crop conditions also remained relatively unaffected by the lack of rain, above average temperatures. Range, pasture feed continue to be poor to fair.

ARKANSAS: Wheat was being fertilized, with early herbicide applications being applied. Wheat green-up progressing well, with crop potential being good to excellent. Corn planting is in effect. The other farming activities were: Pruning fruit trees, preparing land for the growing season, cleaning and maintenance of equipment. Livestock were reported in fair condition. Broiler producers still calculating losses from a late January snow storm, which collapsed many roofs on broiler houses. March started with temperatures remaining above normal during the first week with a frontal passage bringing some much needed rainfall to the state. However, rainfall quantities remained below normal for the month. For the week ending March 12, a strong cold front returned below freezing temperatures to most of the state for the first time since early February. Overall, temperatures averaged above normal for the week. Rainfall remained below normal in most parts of the state. For the week ending March 19, the areas in the drought parched regions in Eastern, Southern Areas received the most rainfall from the week's two storms. Many areas of the state had frost in the morning during the week. For the week ending March 26, the temperature was warmer than normal with rain during the week. However, rainfall was below normal for the period.

CALIFORNIA: As the end of March neared, field crops were growing well under nearly ideal conditions. Dryland crops looked very good, but some areas could use more rain. The bulk of the month's rainfall fell during the first half two weeks. In the latter part of the month strong winds caused some lodging in wheat fields and reduced soil moisture. As April approached, some grain fields were still showing the effects of the early season's excessive rainfall. Some fields of early wheat, oats were in the boot stage. Winter wheat continued to mature. Wheat, oats were receiving applications of herbicides. Greenchopping of winter forage began. Fields were being prepared for corn planting. Cotton planting was underway by the end of the month, but most growers continued to bed up fields, spray for weeds. Alfalfa fields were treated for weevils and cut for greenchop. Alfalfa hay cutting was expected to begin soon. Sugarbeet fields were cultivated, fertilized; some fields were hand weeded. Pre-plant weed treatments were applied to sunflower, safflower fields. Planting should begin in April. Rice ground was being cultivated, spot burning was occurring as permitted. Continued sunny spring weather during the last half of the month allowed fruit, nut growers to plant new trees and vines. Other activities included: Weed control, application of fungicides to stone fruit, almond trees. Trees, vines were leafing. Southern area picking of grapefruit, lemon crops was active throughout the month. Valencia oranges were harvested in the desert area. San Joaquin Valley navel orange picking continued, but growers remained concerned about puff, crease, soft fruit resulting from the excess moisture early in the season. By the end, of the month strawberry fields were blooming, setting fruit in the San Joaquin Valley. Vegetable field activities were in full swing during the last half of March. Fresh and processing tomatoes were planted as seed or transplants. Tomato fields that were further along were irrigated, weeded, cultivated. Growers continued preparing fields for planting such summer vegetables as cucumbers, sweet corn, eggplant, tomatoes. Squash, eggplant seedlings were placed under hot caps. Earlier fields of squash were pushing through hot caps as April approached. Processing spinach continued to be cut, as fields matured. Spinach quality this year has been good, except in areas that held standing water from February's rains. Fields of melons, beans, onions, garlic were being irrigated, weeded in Tulare County. Asparagus harvest was in full swing in the Stockton Delta area. Lettuce was harvested on the west side of Kings County. Carrot harvesting was active in Kern County. Head lettuce harvest continued in Fresno County; some fields had moderate problems with decay, were being treated for mildew. Other crops harvested included broccoli, beets, cabbage, cauliflower, cilantro, leaf lettuce, mushrooms, parsley, green onions, radicchio, radishes, turnips. Long anticipated sunny skies, warm temperatures provided good growing conditions for pastures, range grasses. Small amounts of supplemental feeding were reported as the end of the month neared. Cows were calving in some areas. Sheep, cattle were being moved to foothill pastures. Dairy conditions were improving rapidly with the return of dry weather. Bees were being moved from almond orchards; some hives were placed in apple orchards for April's apple blossoming.

COLORADO: March was generally warm with periodic snowstorms along the Front Range, Eastern Plains relieving soil moisture shortages in those areas. The mountains received additional snowfall during the month. Snowpack was above average in the northern mountains but below average in the southern mountains by the end of the month. The recent moisture improved the condition of winter wheat and prospects for spring seeded crops. Progress in seeding spring grains, sugarbeets was running slightly behind the normal pace but growers were able to plant onions a little earlier than usual. Calving, lambing was progressing behind the normal rate with below average death losses. Pasture, range feed mostly good to fair throughout the state. Stored feed supplies were mostly adequate reflecting the generally mild winter in most areas.

DELAWARE: As much as 5 inches of rain fell over the area in the latter part of the month. The early part of the month was marked by dry temperatures, concerns of development problems with small grains. The precipitation has alleviated those concerns. Hay supplies continue to be a problem for most counties as the drought in 1999 shortened hay yields, farmers were going elsewhere to purchase hay. Livestock conditions appear to be in good shape for the state. Farming activities for the month were: Fertilizing for small grains, pastures, chisel plowing, pea, potato planting have begun.

FLORIDA: Widely scattered showers dropped varying amounts of rain. Rainfall ranged from 0.00 in. to almost 2.00 in., Ft. Pierce; heavier amounts in isolated areas around Palmetto-Ruskin, Homestead. Wildfire danger high, most northern Peninsula counties, many southern Peninsula areas due to continued dry weather. Most temperatures for week averaged within 2 to 3^0 of normal. Most highs 70s, 80s; most lows 50s, 60s. Some northern localities recorded at least one low in 40s. Moisture in Panhandle, northern Peninsula short to adequate. Central, southern Peninsula moisture very short or short with scattered areas adequate moisture. Sugarcane grinding winding down, with most mills closed. Field corn planting gaining momentum. Farmers starting to transplant tobacco. Wild fire index high, increasing. Continued dry weather increasing vegetable irrigation. Major vegetables available: potatoes, tomatoes, peppers, endive, escarole, cabbage, celery, cucumbers, lettuce, radishes, snap beans, squash, strawberries, sweet corn, eggplant. Dry most of week, citrus areas. Irrigation continues, abundant new growth, bloom buds all citrus areas. Early, mid orange harvest nearly over, Valencia harvest increasing along with grapefruit as processors need the juice now. Most Temples going to processors, most Honey tangerines going fresh. Caretakers cutting cover crops, hedging, topping, limited burning due to dry conditions, post bloom sprays getting started. Pasture feed 5% very poor, 40% poor, 55% fair. Condition of cattle 15% poor,65% fair,20% good.

GEORGIA: Temperatures were mild in March. Much needed rain fell during the week of March 19. As a result, most of the State had adequate soil moisture. More rain will be needed to alleviate drought concerns. Corn planting began in March, was about half done. Small grains were in fair to good condition. Small grain topdressing neared completion. Land preparation continued, but was slowed by the rain. Pastures, hayfields greened up. They were in fair to good condition. Peaches were completing their bloom. Some apples began blooming. Vegetable

transplanting occurred. Onion condition was mostly good. Carrots looked good. Other activities included: Laying plastic for vegetables.

HAWAII: Weather conditions had a mixed effect on agriculture during March. Sunny, dry weather prevailed for most of the month. This was beneficial for irrigated crops which made mostly good progress. Non-irrigated crops made fair to poor progress. By mid-month, water conservation measures were in effect for the entire island of areas, Upcountry area of Maui island, parts of Molokai island. Farmers dependent on irrigation water in the affected areas are not seriously affected, are on voluntary conservation. Light to moderate showers during the final week brought some relief to windward, mountain areas. However, more rain is needed particularly in leeward areas. Banana harvesting increasing due to warming conditions. Soil moisture low, but adequate. Most orchards in good condition. Papaya harvesting increasing in major areas. Overall conditions good. Head cabbage yields, quality are good. Harvesting very active. Cucumber production increasing. Overall conditions fair to good. Dry onion condition improving. Currently good to very good. Harvesting expected to increase in coming weeks. Ginger root harvesting remained active. Dry weather beneficial to harvesting operations. Coffee flowering started in Kona district with arrival of rains. Macadamia nut conditions vary by location. Dry conditions adversely impacting orchards in leeward areas of the Big Island. Windward orchards in good condition. Pastures throughout the Big Island were in critical need of rainfall.

IDAHO: Producers are getting ready for spring ground work. Minimal planting has begun. Field work is progressing slowly due to wet soil conditions from melting snow, rain showers during the month of March. Storms throughout the month have brought water totals up to fairly good levels in Eastern Areas. Fruit trees are approaching bloom in Northern, South-Western Areas. Calving, lambing are progressing very well. Calving is 71% complete,81% lambing. Hay, roughage supply was reported 6% surplus, 63% adequate, 18% short, 13% very short. Winter wheat 16% excellent, 67% good, 15% fair, 2% poor. Activities: Preparing ground for planting of sugarbeets, spring wheat, spring barley, onions, potatoes, dry peas, lentils, oats. Repairing irrigation systems.

ILLINOIS: Topsoil moisture 14% very short, 51% short, 31% adequate, 4% surplus. Warm temperatures with some scattered precipitation have been reported throughout the state so far in March. As of March 24, The concern of low subsoil moisture still lingers, since ponds, wells remain below normal levels. The winter wheat crop has improved since last month because of the needed moisture, the continued mild weather conditions. As of March 24, the wheat 5% poor, 30% fair, 49% good, 16% excellent. Many farmers have taken advantage of the mild conditions to get a head start on spring tillage, anhydrous,dry fertilizer applications, seeding oats. Calving season is in full swing, conditions are generally favorable for livestock care. Other activities during the month have included: Hauling grain to market, ordering seed, machinery preparation.

INDIANA: Warmer than normal temperatures prevailed around the state during most of March. Precipitation was below normal in most areas of the state. Snow fell on March 11th in the central, northern areas, rain arrived the following week. This helped relieve some of the dry topsoil conditions. Subsoil moisture remains short in most areas of the state. Farmers are concerned about lack of precipitation. Rainfall remains about 5 to 7 inches short during the past few months. Temperatures averaged above normal during the last two weeks with several days in the 60^{o} range. Fieldwork is underway in most areas around the state. Farmers are plowing and tilling soils. Fertilizer, nitrogen applied on most fields. Hauling of water continues on some farms. Winter wheat is in mostly good condition, growing fast in southern counties. Hay supplies remain short in some areas. Farmers continue to purchase inputs. Sign up for farm programs continues at FSA offices. Cattle moved to pasture earlier than normal. Livestock are in mostly good condition, calving, lambing active. Major activities: Tilling soils, spreading fertilizer, nitrogen, preparing equipment, hauling grain, seeding clover, oats, hauling manure, feeding livestock, caring for livestock.

IOWA: Summary for March 2000. No snow cover or frost remains in the State. Mild weather has resulted in excellent calving conditions. Pasture grass has begun to green. Precipitation has come primarily through scattered light showers. The entire State reports a need for further moisture. Spring tillage, small grain seeding, chemical applications have begun.

KANSAS: Topsoil moisture 4% short, 63% adequate, 33% surplus. Subsoil moisture 2% very short, 16% short, 71% adequate, 11% surplus. Winter wheat across the State is rated in mostly good condition. During March, most of the State received some much needed precipitation, which helped improve the State's wheat condition rating. Wheat 2% very poor, 10% poor, 38% fair, 42% good, 8% excellent. Wheat 26% jointing, 13% 1999, 12% avg. Wheat freeze damage 1% moderate, 7% light, and 92% no damage. Wheat wind damage 2% moderate 13% light,85% no damage. Greenbugs, Army cutworms continue to be reported, but infestations are declining due to the cool, rainy weather. Disease pressure remains minimal with a few reports of tan spot, wheat streak mosaic, barley yellow dwarf. Spring oat 70% seedings, 83% 1999, 77% avg. Range, pasture feed 53% good to excellent. Spring calving, lambing are progressing, but continued wet, muddy conditions are resulting in scour problems in some herds. Producers continue to move cattle, calves off wheat fields. Range burning continues as weather permits.

KENTUCKY: March began with record warm temperatures, below normal precipitation. Cold temperatures, wet weather returned briefly bringing snow, sleet, rain prior to mid-month. Mild weather finished out the month with weekly occurring rain showers adding to soil moisture levels. Fertilizing, field preparation for spring planting was possible between the weekly showers. Some producers began planting corn late in the month due to the favorable weather conditions. Above normal temperatures stimulated rapid pasture, winter wheat growth statewide. Fruit trees broke dormancy, began budding early. Pastures provided some nutrient value late in the month but supplemental feeding remained necessary. Cattle remained in generally good condition due to the mild weather conditions. Burley Tobacco markets closed for the season with clean up sales finishing at mid-month. Kentucky gross sales totaling 413.7 million pounds, averaged $189.82 per hundred pounds. For the season, 39.7% of gross sales for the Burley Belt went to the Burley Cooperative compared with 11.4% the previous season.

LOUISIANA: Rain during the week slowed field activities. Corn producers continued to plant when soil moisture allowed it.Sugarcane farmers were spraying for weeds, fertilizing. Wheat headed made significant progress during the week. Pasture feed improved with the increase of precipitation.

MARYLAND: Much needed rain came later in the month, but was enough to bring precipitation levels to normal. Precipitation aided in improving soil surface moisture during an important time for small grain development. Hay supplies continue to be a problem for most counties as the drought in 1999 shortened hay yields, farmers were going elsewhere to purchase hay. Livestock feed appear to be in good shape for the state. Warm, mild weather during most of the month may cause fruit (especially peaches) to begin breaking dormancy. Farming activities for the month were fertilizing for small grains, pastures, chisel plowing, pea, potato planting have begun.

MICHIGAN: Abnormally mild, dry weather has dominated the month with precipitation levels ranging from near normal down to little more than half of the monthly average. At the same time the temperature has ranged from 2^{0} above normal in the southeast corner of the state to 7^{0} above normal in the northwest area of the state. Soil moisture reserves across the state were at their lowest levels since the spring of 1988. Many farmers took advantage of the nice weather by getting a jump on their spring field work top-dressing fertilizer, hauling manure, doing some tillage, repairing field tile, soil sampling. Some oats, sugarbeets were planted. The lambing season was coming to a close while calving is in progress throughout the state. Livestock were in good condition. Other activities occurring throughout the state have included: Boiling maple syrup, packing apples, pruning fruit trees, preparing equipment, obtaining supplies for spring planting.

MINNESOTA: March average temperatures were at least 11^{0} above normal. There is no snow cover in the state. Large temperature variations have heightened concern about possible damage to over wintered crops. The prediction of a dry growing season has increased emphasis on starting crop work early. Small grain planting has begun in a few areas of the state. Spring calving, lambing is going well with mild temperatures, dry conditions.

MISSISSIPPI: Days suitable for fieldwork 3.2. Soil moisture 4% very short, 30% short, 50% adequate, 16% surplus. Corn 55% planted, 21% 1999, 21% avg.; 40% emerged, 3% 1999, 4% avg. Rice 1% planted, 1% 1999, 0% avg. Wheat 63% jointing, 61% 1999, 52% avg.; 6% heading, 3% 1999, 1% avg.; 1% poor, 17% fair, 65% good, 17% excellent. Watermelons 11% planted, 9% 1999, 12% avg. Blueberries 7% poor, 17% fair, 61% good, 15% excellent. Cattle, 1% very poor, 9% poor, 28% fair, 53% good, 9% excellent. Pasture 3% very poor, 11% poor, 34% fair, 43& good, 9% excellent.

MISSOURI: Mild winter has been beneficial for wheat, pastures. Snow the first week of the month, the recent rains have helped soil moisture supplies. Farmers are preparing fields for planting of row crops.

MONTANA: Topsoil moisture 11% very short, 46% short, 43% adequate, 0% surplus. Subsoil moisture 30% very short, 46% short, 24% adequate, 0% surplus. The overall lack of snow cover in combination with little moisture, high winds has taken its toll on the winter wheat crop. Some areas of the state received significant snowfall towards the beginning of the month which provided much needed moisture, protection to the winter wheat crop. Temperatures were relatively mild the entire month. However, overall moisture for the month was low, much more is needed to help not only the winter wheat crop, but also the intended plantings of crops this spring. Statewide, winter wheat 0% very poor, 2% poor, 36% fair, 60% good, 2% excellent. Wind damage to winter wheat 21% none, 77% light, 2% moderate, 0% heavy. Freeze, drought damage to the winter wheat crop is minimal, is rated 21% none, 79% light, 0% moderate, 0% heavy. As a result of the fairly mild conditions during March, livestock is reported to be in very good condition. Calving completed was at 49% by the end of March, which is less than 1999 estimate of 55%. Lambing completed was 36% finished, which is ahead of 1999 estimate of 29%. Even though there is a lot of open grazing, producers are giving supplemental feed to meet nutritional needs. At the end of the month, 100% of the cattle, calves 100% of the sheep, lambs were receiving supplemental feed. Livestock grazing 83% open, 10% difficult, 7% closed. Some producers started some fieldwork towards the end of the month as a result of the mild conditions. There have been some reports of fertilizer being spread as well as small grains being seeded. However, moisture will be needed soon to reduce future pesticide problems, help germinate already planted small grains.

NEBRASKA: Topsoil moisture supplies were mostly short to adequate while subsoil moisture supplies were mostly very short to short. Temperatures across the State averaged about 2 to 15 ^{0} above normals during the month. March precipitation averaged a little more than 1 inch. Winter Wheat 3% very poor, 11% poor, 24% fair, 59% good, 3% excellent. Oat seedings were 26% complete, compared to 6% 1999, 4% average. Hay supplies, as well as feed grain supplies, were mostly adequate. Pasture, range feed 13% very poor, 20% poor, 39% fair, 26% good, 2% excellent. Calving was 66% complete by the end of March, the same as this time 1999, with calf losses at below avg.to avg. Producer activities included: Shredding stalks, anhydrous ammonia applications, other crop planting preparations.

NEVADA: Weather during March has been quite variable. Temperatures have oscillated from well above normal to much below normal as several storm systems passed through the State. Monthly precipitation accumulations in north-central, northeastern regions were near normal; precipitation in the western, southern areas was somewhat below normal. Water equivalent of winter snow pack approaching the end of March ranged from 81% of normal in the Carson River watershed to 149% in the Clover Valley watershed. Statewide, overall snow pack was near normal. Surface irrigation had commenced in western valleys. Plowing of fields for grain was underway, fall seeded grains were greening. Onion planting was underway. Hay marketing continued. Continued generally mild weather was easy on livestock. Calving was well along, branding was underway. Sheep shearing was well along, lambing was underway. Some range livestock movement to lower elevation allotments was underway.

NEW ENGLAND: Maple sugaring operations active throughout the region. Cool nights, warm days at mid-month provided excellent sugaring conditions. Some operations reported an increase in darker syrup this year due to the content of the sap which may have been affected by the drought from 1999. Farmers stayed busy tending livestock, repairing machinery, bringing tractors, trucks, implements out of storage in preparation of the spring planting season. Manure spreading by dairy farmers continues.

NEW JERSEY: Above average temperatures, clear skies during the first half of March permitted early land preparation activities such as: Plowing, seed bed preparation, application of fertilizers. Much need showers, locally heavy rains fell the 2nd, 3rd full week of March. Northern portions of the state continued to receive below normal amounts of seasonable precipitation. Many areas in southern area received above normal precipitation including Salem which received 7.20 inches as of

NEW MEXICO: DATA NOT AVAILABLE

NEW YORK: Snowfall early in the month gave way to mild temperatures during the second half of the month. Maple syrup producers finished tapping trees, started making syrup. Sap flows were generally very good as temperatures dropped below freezing at night, warmed during the day. In some areas sugar content of the sap was lower than normal. Orange County onion growers started planting on the muck soils. In other regions of the state fields were still too wet to be worked. Other activities included: Tending livestock, grading, packing onions, potatoes, apples, preparing for spring plowing, planting activities.

NORTH CAROLINA: Days suitable for field work have allowed farmers in areas to get into the fields, prepare for the upcoming planting season. Mild temperatures, Three consecutive weeks of widespread rainfall have helped soil moisture levels to rebound, are currently 10% short, 59% adequate, 31% surplus. Planting of speciality crops, such as Irish potatoes, cabbage, are nearing completion. Other major activities have included: Top-dressing small grains, readying tobacco plant beds. Currently, all the small grains are in mostly good condition.

NORTH DAKOTA: Above normal temperatures, below normal snowfall created excellent calving, lambing conditions. Cattle 0% very poor, 1% poor, 13% fair, 77% good, 9% excellent. Calving was 44% complete. Calf 0% very poor, 0% poor, 14% fair, 73% good, 13% excellent. 99% of the cattle were receiving supplemental feed. Sheep 0% very poor, 0% poor, 10% fair, 80% good, 10% excellent. Lambing was 58% complete, shearing was 59% complete. Lamb 0% very poor, 1% poor, 11% fair, 75% good, and 13% excellent. 99% of the sheep were receiving supplemental feed. Hay, roughage supplies were 0% very short, 1% short, 86% adequate, 13% surplus. Grain, concentrate supply was 0% very short, 1% short, 86% adequate, 13% surplus. 98% of the pastures were still dormant.

OHIO: The average temperature for March was 44.1^0, 5.4 ^{0} above normal. Ohio averaged 2.27 inches of precipitation, 0.49 inches below normal. There is widespread concern that areas will face another drought this season, since subsoils are unusually dry. The Area Department of Agriculture is urging farmers to buy crop insurance and/or plant drought-resistant crops. Farmers in areas are busy planning for this year's season. Activities included: Constructing pipelines, troughs, buying seed, fertilizer, completing paperwork. Winter wheat is reported in good condition throughout the state.

OKLAHOMA: Days suitable for fieldwork 2.3. Subsoil moisture 2% very short, 9% short, 75% adequate, 14% surplus. Topsoil moisture 3% short, 75% adequate, 22% surplus. Wheat 1% poor, 15% fair, 74% good, 10% excellent; 75% jointing, 71% 1999, 56% avg; Oats 3% poor, 28% fair, 55% good, 14% excellent; 95% planted, 97% 1999, 97% avg.; 40% jointing, 24% 1999, 25% avg. Corn 40% seedbed prepared 40% 1999, 53% avg.; 1% planted, 4% 1999, 7% avg. Sorghum 15% seedbed prepared 16% 1999, 14% avg. Soybeans 45% seedbed prepared, 27% 1999, 22% avg. Peanuts 20% seedbed prepared, 32% 1999, 23% avg. Cotton 51% seedbed prepared, 49% 1999, 30% avg. Pasture 3% very poor, 10% poor, 36% fair, 48% good, 3% excellent; Livestock 3% poor, 19% fair, 72% good, 6% excellent; Cattle marketings slightly below average.

OREGON: Field work has begun in some areas with some discing. Activities Weather has been fairly cool with some rain in areas. Fruit trees beginning to blossom in some regions. Seeding of onions, early potatoes starting. Seeding of spring barley, wheat continues. Transporting of large containers, the balling of large trees continues.

Livestock being turned out in some areas, while hay feeding continues in others. The calving, lambing season is winding down.

PENNSYLVANIA: Much of the state received rain this month. The total amount, departure from normal depended on the area. The Northwestern Region was the most dry. Major activities for March were: Hauling, spreading manure, machinery maintenance, buying hay, feed, fixing fences, caring for livestock, preparing, finishing income taxes, attending farm organization meetings, planning for the 2000 crop season.

SOUTH CAROLINA: Top soil moisture reported as adequate. The state's average temperature from March 1st through March 26th averaged above normal at 59^0 Fahrenheit. Statewide precipitation was normal at 4.6 inches. Heavy rains, hail were reported on the 10th.Pastures are in good condition. Small grains, fruit trees are off to a good start. Farmers are planting field corn, transplanting tobacco, preparing the land for planting, caring for livestock.

SOUTH DAKOTA: Days suitable for field work 3.1. Average date field work started statewide March 17. Winter wheat 6% poor, 39% fair, 53% good, 2% excellent; breaking dormancy 90%. Winter rye 16% poor, 39% fair, 39% good, 6% excellent; breaking dormancy 49%. Barley 0% seeded. Oats 4% seeded; 1% emerged. Spring wheat 8% seeded; 1% emerged. Range, pasture 3% very poor, 5% poor, 31% fair, 50% good 11% excellent. Stock water supplies 1% very short, 15% short, 75% adequate, 9% surplus. Cattle 4% fair, 74% good, 22% excellent; moved to pasture 2%. Sheep 4% fair, 60% good, 36% excellent. Calving 29%, 25% 1999. Lambing 48%, 44% 1999. Calf deaths 44% below avg. 56% avg. Sheep, lamb deaths 49% below avg. 51% avg. Average snow depth 0.0 inch. The light rains during the weeks of the 15th and 22nd increased top soil moisture, warm sunny conditions have brought crops out of dormancy this week. While livestock are doing well, there is much concern for winter crops. Poor emergence, growth from months of drought, little or no snow cover all winter left crops susceptible to winter kill, subsoil moisture is short as we start the season.

TENNESSEE: Temperatures during the month of March averaged well above normal. The warmest period came during the second week when many locations either broke or came close to their record highs. Conditions were mostly dry during the first half of the month, but heavy rains did push into the State over March 18, 19 bringing much needed moisture. The wheat crop is in good to excellent condition, producers are now spraying for weeds, diseases, as needed. Field preparation for corn, cotton planting is proceeding well, with a small amount of corn already planted. Cattle continue to be in good condition due to the mild weather.

TEXAS: March began with only minor traces of rain in some locations. The plains experienced high winds, blowing dust and below normal precipitation in most locations. Land preparation moved ahead but continued to be slow as a result of the dry conditions. Planting began in southern areas including the Costal Bend for Cotton, Sorghum, Rice, Corn, and spring vegetables. Fruit trees budded and leafed earlier than normal as a result of the above normal temperatures. In late month heavy rains fell across the Plains and North Central Texas with accumulations upward to ten inches. Lesser amounts fell in other areas across the state. Planting continued to move Northward as moisture and soil temperature allowed. Some pastures began minor recovery with the aid of recent rains and supplemental feeding of livestock diminished in some areas as spring green up was occurring. Hauling water to livestock remained necessary for some producers as no run off had occurred.

UTAH: Major activities in some counties include planting crops, while other counties are just beginning to prepare fields for upcoming planting. Calving, lambing is also in progress. Recent snow, rain throughout the state has restored soil moisture that was much needed due to the dry winter. Most counties report livestock to be in generally good condition.

VIRGINIA: Pastures 2% very poor, 21% poor, 29% fair, 41% good, 7% excellent. Livestock 1% very poor, 6% poor, 21% fair, 61% good, 11% excellent. Small Grain, Winter Grazing crops 1% very poor, 7% poor, 24%fair, 48% good, 20% excellent. Other Hay 2% very poor, 16% poor, 44% fair, 30% good, 8% excellent. Alfalfa Hay 3% poor, 30% fair, 52% good, 15% excellent. Winter Wheat 1% very poor, 8% poor, 24% fair, 51% good, 16% excellent. Barley 1% very poor, 4% poor, 29% fair, 48% good, 18% excellent. Tobacco greenhouse 15% fair, 54% good, 31% excellent. Tobacco plantbeds 7% poor, 35% fair, 44% good, 14% excellent. Apples 41% fair, 40% good, 19% excellent. Peaches 25% very poor, 8% poor, 35% fair, 23% good, 9% excellent. The month of March began with unseasonably warm temperatures across the Commonwealth. Many farmers were able to begin field work earlier than normal due to the favorable weather. Warm, dry conditions also allowed farmers to reseed pastures, hayfields that have been drought damaged. Small grains were showing lush growth, many producers are concerned about freeze damage. Some peach varieties that bloomed out early in the month have been hit by frost. No heavy damage has been reported as of yet. Much needed rains fell across the state around the middle of the month. Grass was growing earlier than normal, is responding to rainfall as it comes. Many cattle producers have been able to turn out their cattle onto grass. Some producers have been restocking cow herds that were liquidated last summer.The month has ended with normal temperatures which has allowed vegetable farmers to continue laying plastic mulch. Farmers are top dressing small grains, getting corn land ready. Vegetable producers are growing plants in greenhouses for transplanting. Potatoes have been planted in a timely manner this year and are reported in good condition. Strawberries remain covered for frost protection. Activities for the month include: Spraying for alfalfa weevils, land preparation.

WASHINGTON: March remained fairly mild, warm in most areas. Wet spring weather kept farmers from extensive field work. Mild temperatures prevented injury to the winter wheat, but downy brome infestations, high populations of volunteer peas, lentils were prevalent in winter wheat. Spraying was required. Small grain conditions were mostly good with some planting in eastern areas. Lower than normal precipitation over the winter caused some concern about lack of moisture later in the growing season. Early stone fruits began blooming. Wine grapes were being pruned, fruit tree pruning was mostly completed. Christmas tree growers applied lime. Livestock were being fed as pastures were not ready. Dairy farmers were fertilizing green chop fields. Some western areas reported standing water in fields.

WEST VIRGINIA: Topsoil moisture 2% very short, 42% short, 56% adequate. Wheat 11% poor, 40% fair, 49% good. Unseasonable warm temperatures during March were favorable for livestock, field activities. Some livestock producers are still having problems finding alternative water, feed sources. Tobacco beds seeded 21%. Cattle 1% very poor, 8% poor, 29% fair, 58% good, 4% excellent; 59% calved. Sheep 1% poor, 26% fair, 67% good, 6% excellent; 57% lambed. Hay, roughage supplies 28% very short, 46% short, 25% adequate, 1% surplus. Feed grain supplies 13% very short, 18% short, 69% adequate.

WISCONSIN: During the first, second week of March, temperatures averaged nearly 13^0 F warmer than the 30-year avg. Average temperatures the 3rd week of the month cooled to 1^0 below normal. Warmer temperatures returned for the 4th week of the month, were 11^0 F above normal. Cumulative precipitation since January has been slightly below normal, with the exception of Northwest, Northcentral regions which have been slightly above normal. By the end of March there was virtually no snow cover statewide. Spring seeding of oats was reported in the Southcentral region.

WYOMING: Days suitable for fieldwork 3.7. Topsoil 7% very short, 44% short, 45% adequate, 4% surplus. Subsoil moisture 7% very short, 55% short, 38% adequate. Barley 33% planted, 52% 1999, 25% avg. Oats 1% planted, 9% 1999, 3% avg. Spring wheat 3% planted, 16% 1999, 7% avg. Spring calves 55% born, 51% 1999, 50% avg. Farm flock ewes 63% lambed, 58% 1999, 61% avg. Farm flock sheep 62% shorn, 63% 1999, 66% avg. Range flock 10% ewes lambed, 6% 1999, 5% avg. Range flock 23% sheep shorn, 22% 1999, 19% avg. Range,pasture feed 57% fair, 38% good, 5% excellent. Stock water supplies 2% very short, 24% short, 74% adequate. Ranchers were busy calving, lambing.

International Weather and Crop Summary

March 19 - 25, 2000

HIGHLIGHTS

SOUTH AMERICA: Widespread showers favored late-filling soybeans in Buenos Aires, Argentina and Rio Grande do Sul, Brazil and provided some drought relief to Uruguay. Elsewhere in the region, seasonable showers caused no major summer crop harvesting delays.

FSU-WESTERN: A warming trend raised soil temperatures for early-spring grain planting in Ukraine and southern Russia and caused winter grains to lose cold hardiness.

EUROPE: Much-needed rainfall in Spain and Portugal increased topsoil moisture, but more rain is needed to help drought-stricken winter grains.

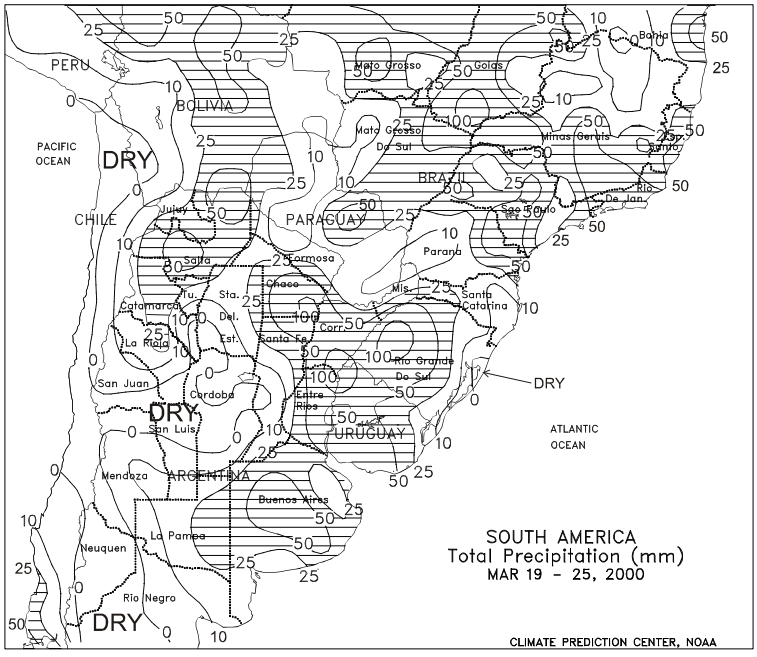
SOUTHEAST ASIA: In Java, Indonesia, seasonably drier weather aided maturing main-season rice, and across western peninsular Malaysia, heavy showers boosted moisture for oil palm, but slowed fieldwork.

EASTERN ASIA: Across the North China Plain, warm weather continued to promote early vegetative wheat growth, but increased irrigation demands.

AUSTRALIA: Showers returned to the east, slowing summer crop harvesting but increasing long-term moisture levels.

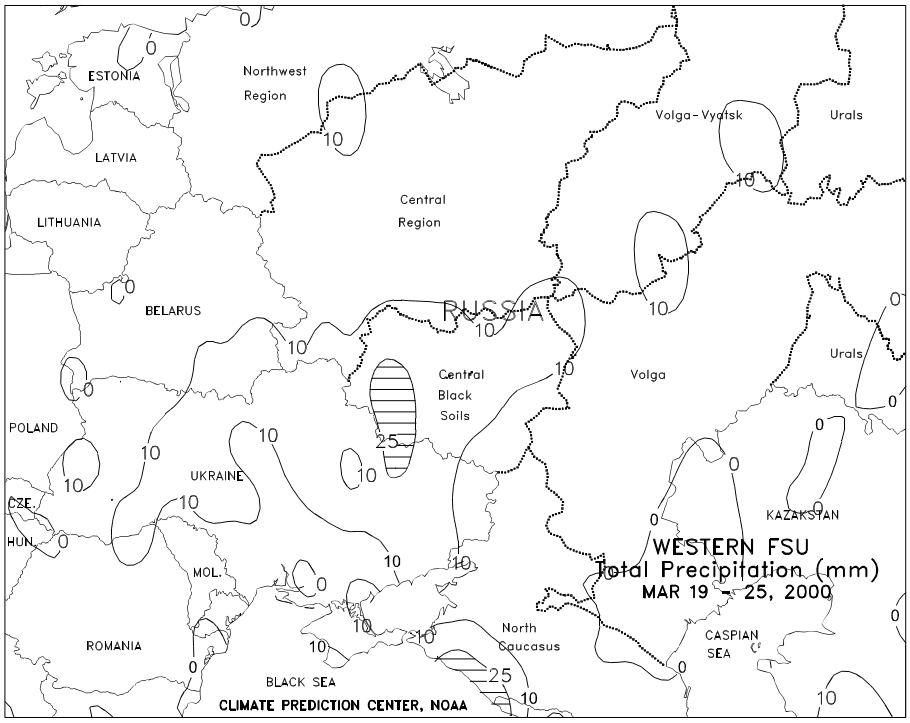
NORTHWESTERN AFRICA: Warm, dry conditions continued to threaten vegetative winter grains.

SOUTH AFRICA: Conditions favored filling corn and other summer crops.



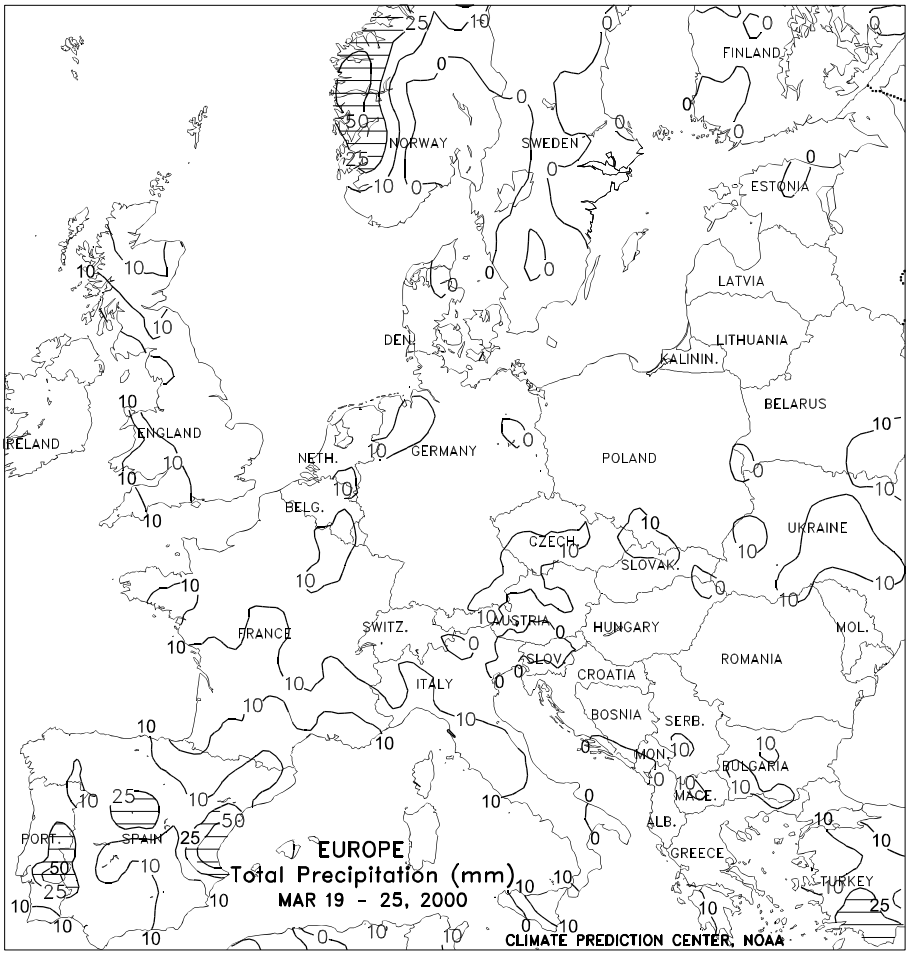
SOUTH AMERICA

In Parana, Brazil, drier weather (less than 20 mm) aided maturing soybeans. In Rio Grande do Sul, widespread showers (30-110 mm) boosted soil moisture for late-filling soybeans and vegetative second-crop corn. Seasonable showers (15-50 mm) caused no major harvest delays in Mato Grosso do Sul, Mato Grosso, and Goias. The moisture in Mato Grosso do Sul and Sao Paulo aided early-winter wheat planting. Temperatures averaged 1 to 3 degrees C above normal across southern Brazil, aiding maturation and drydown. According to reports as of March 24, Brazilian soybeans were 24 percent harvested, compared with the 5-year average of 34 percent. Parana was the farthest behind with 21 percent harvested, compared with the 5-year average of 54 percent. In southern Paraguay, scattered showers (5-40 mm) increased soil moisture for late-filling cotton and soybeans, but slowed harvesting. Widespread rain (30-80 mm) provided drought relief to most of Uruguay, but more rain is needed to replenish depleted soil moisture reserves. In northern Argentina, scattered heavy rain (50-100 mm) slowed cotton harvesting, especially in Chaco. Dry weather favored cotton maturation and harvesting in Formosa. In central Argentina, moderate showers (25-70 mm) covered most of Buenos Aires, boosting soil moisture for filling second-crop soybeans. The moisture, however, slowed sunflower, corn, and first-crop soybean harvesting. Mostly dry weather favored summer crop harvesting across Santa Fe and Cordoba. Temperatures averaged 1 to 2 degrees C below normal in Buenos Aires and near normal elsewhere in central Argentina. According to reports as of March 24, national Argentine corn, sunflower, and rice were 25, 78, and 17 percent harvested, respectively. Corn was 85 percent harvested in Entre Rios, 64 percent in Santa Fe, 20 percent in Buenos Aires, and 17 percent in Cordoba. Sorghum was about 1 percent harvested, with fieldwork just beginning in Cordoba, La Pampa, and Santa Fe. First-crop soybeans were about 2 percent harvested. In the north, cotton was 10 percent harvested in Formosa, 6 percent in Chaco, and 3 percent in Santa Fe.



FSU-WESTERN

Most precipitation fell early in the week, when a storm spread a mixture of rain and snow (5-31 mm of liquid equivalent) from Ukraine northeastward into the Central Black Soils Region of Russia. During the remainder of the week, a gradual warming trend was observed in most areas, accompanied by light, if any, precipitation. The warmer weather melted the remaining snow cover in Ukraine, southern Russia, the Baltics, and Belarus, and caused winter grains to lose cold hardiness. Typically, winter grains begin breaking dormancy in early April in Ukraine and southern areas in Russia (southern Black Soils Region, lower Volga Valley, and the North Caucasus). Daytime highs during the latter half of the week ranged from 8 to 12 degrees C in Ukraine, southern Russia, the Baltics, and Belarus, helping to raise soil temperatures for spring grain planting. In winter grain areas of northern Russia, daytime highs ranged from 1 to 5 degrees C, gradually melting some of the moderate to deep snow cover. Weekly temperatures averaged slightly above normal in Ukraine, and 2 to 4 degrees C above normal in Russia, Belarus, and the Baltics.

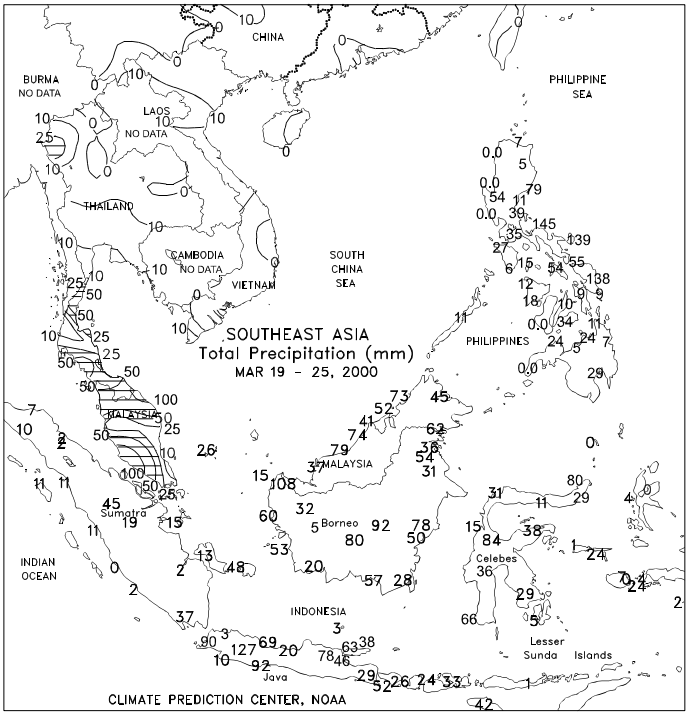


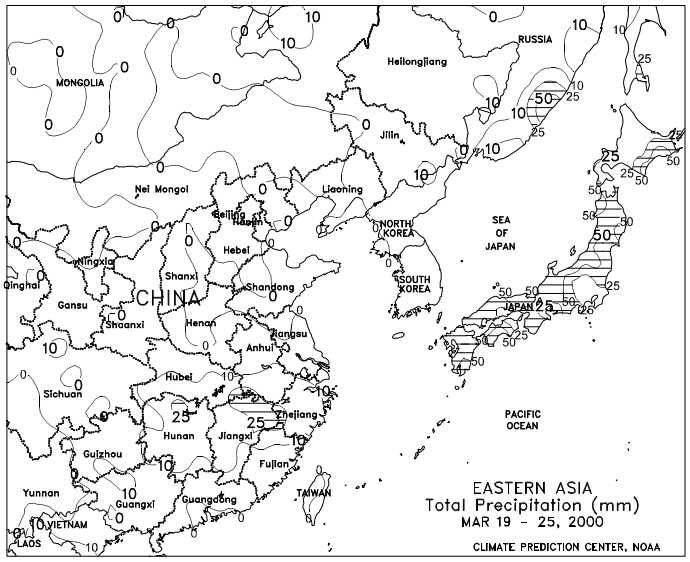
EUROPE

Scattered showers (5-25 mm, with locally higher amounts) in Spain and Portugal increased topsoil moisture for germinating to emerging spring-sown crops. Follow-up rain is needed, however, to significantly improve the condition of drought-stressed winter grains in southern areas. Winter grains are primarily in the jointing stages of development, but are entering reproduction in some southern areas. Farther east, scattered showers (5-20 mm) in northern and central Italy helped jointing winter grains stressed by prolonged dryness. Winter grain development is not as advanced as that in Spain and Portugal; hence, the effects of this dryness have not been as profound. Elsewhere across Europe, mainly dry weather prevailed in major crop-producing regions, helping spring grain and summer crop sowing. In France, spring barley is nearing completion, while in England sugar beet sowing has begun. In Denmark, Germany, and Poland, recent dry weather helped reduce excess soil moisture that had delayed fieldwork. Winter grains remained dormant or semi-dormant across much of eastern Europe. Additional rain is needed to boost moisture reserves in parts of the western Balkans, southern Romania, and northern Bulgaria where rainfall has been below normal this winter. Near- to above-normal temperatures (0-3 degrees C above normal) prevailed across northern and western Europe, where crop development continued to run about 1 to 2 weeks ahead of schedule. In contrast, below-normal temperatures (1-3 degrees C below normal) continued across southeastern Europe for the 2nd straight week.

SOUTHEAST ASIA

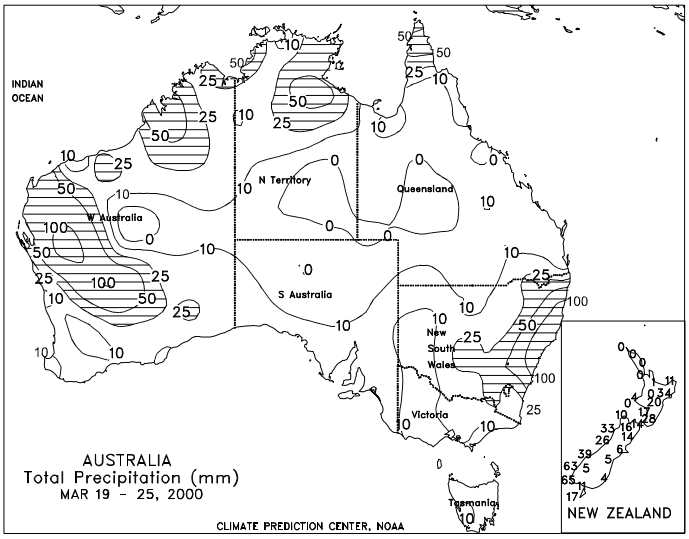
Scattered showers (20-70 mm or more) prevailed across Java, Indonesia, maintaining moisture supplies, but the drier weather favored maturing main-season rice. Heavy showers (50-110 mm) fell across portions of western peninsular Malaysia, boosting moisture supplies but hampering fieldwork. Drier weather (10-50 mm) prevailed across eastern peninsular Malaysia. Unseasonably heavy showers (10-30 mm) fell across south-central Thailand, boosting moisture supplies for the upcoming main-season rice season, but slowing second-season rice maturation. Seasonably dry weather prevailed elsewhere in Thailand. Seasonably light showers (less than 15 mm) were reported across northern and southern Vietnam. Mostly dry weather aided winter-spring rice harvesting in the Mekong River Delta. Across the Red River Valley, winter-spring rice was in the early vegetative stage. Somewhat drier weather (10-60 mm, with isolated amounts greater than 100 mm) eased wetness across the east-central Philippines. The wet weather (50-150 mm), however, moved into southern Luzon, boosting moisture supplies but causing local flooding.





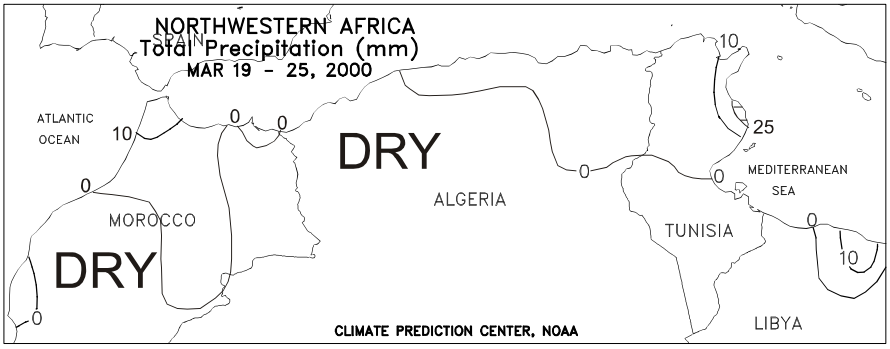
EASTERN ASIA

In the North China Plain, warm weather continued to promote winter wheat greening and early vegetative growth. The highest temperatures for the week reached into the low 20's C across the region. Irrigation demands are increasing for the wheat crop due to the warmer and continued seasonably dry weather. Typically during late March, rainfall averages from 4 to 7 mm per week across the North China Plain. Across southern Manchuria (Liaoning), seasonably warmer weather promoted early-spring wheat planting. Farther south, only light and scattered moderate rain (10-30 mm) fell along the Yangtze Valley. Topsoils are becoming dry for wheat grain development across southern Anhui and Jiangsu and Hubei. In these areas, rainfall during the past 4 weeks has averaged 40 to 65 percent of normal. Mostly dry weather prevailed across extreme southern China. Temperatures averaged 1 to 3 degrees C above normal across most of China.



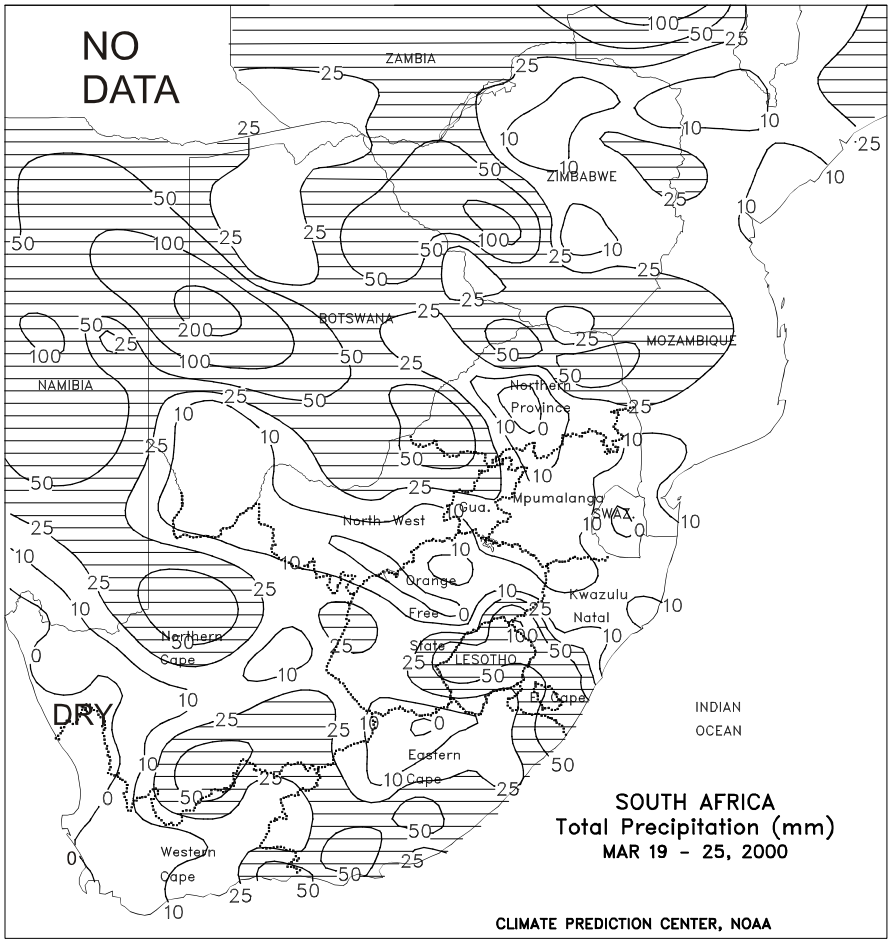
AUSTRALIA

Rainy weather returned to the southeast. Light to moderate showers (10-25 mm) covered the main cotton and sorghum areas (southern Queensland and northern New South Wales), slowing harvesting and raising quality concerns. Seasonable warmth, however, aided development of immature summer crops. Farther south, moderate to heavy rain (25-50 mm or more) increased moisture reserves in the winter grain belt of central and southern New South Wales but likely caused some coastal flooding. In contrast, drier weather along Queensland's coast favored sugarcane development and brought some relief to flooded northern growing areas. Elsewhere, unseasonable showers (5-25 mm, locally exceeding 50 mm) continued to improve long-term moisture levels in the winter grain belt of Western Australia. Lighter rain (5-25 mm) covered agricultural areas of South Australia and Victoria, and extended northward to the grazing lands of southwestern Queensland. In New Zealand, most agricultural districts reported light precipitation (15 mm or less).



NORTHWESTERN AFRICA

Light, scattered showers (2-15 mm) fell in eastern Algeria and northern Tunisia. Temperatures continued to remain above normal (1-3 degrees C) throughout the winter growing areas. The growing regions of Morocco and Algeria have experienced 8 to 12 weeks of nearly no precipitation, and temperatures have been above normal for 7 of the last 8 weeks. Tunisia has averaged near-normal temperatures with below-normal rainfall since the end of December. Winter grains continued to struggle through the weather-sensitive vegetative stage in all growing areas.



SOUTH AFRICA

Shower activity tapered off across the corn belt, although moderate rain (10-25 mm or more) lingered over northeastern growing areas. Temperatures averaged near to above normal, with highs in the upper 20's degrees C, aiding development of filling summer crops. Locally heavy rain (50 mm or greater) increased irrigation reserves in the mountainous areas around Lesotho and was spreading toward the coastal sugarcane areas of KwaZulu-Natal at week's end. Dry, warm weather raised irrigation requirements for crops in Western Cape, but late-week showers (15-50 mm or more) boosted moisture reserves in Eastern Cape.

The *Weekly Weather and Crop Bulletin* (ISSN 0043-1974) is published weekly and jointly prepared by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) and the U.S. Department of Agriculture (USDA). Publication began in 1872 as the *Weekly Weather Chronicle*. It is issued under general authority of the Act of January 12, 1895 (44-USC 213), 53rd Congress, 3rd Session. NOAA is responsible for managing, printing, and distributing the bulletin. The contents may be reprinted freely, with proper credit.

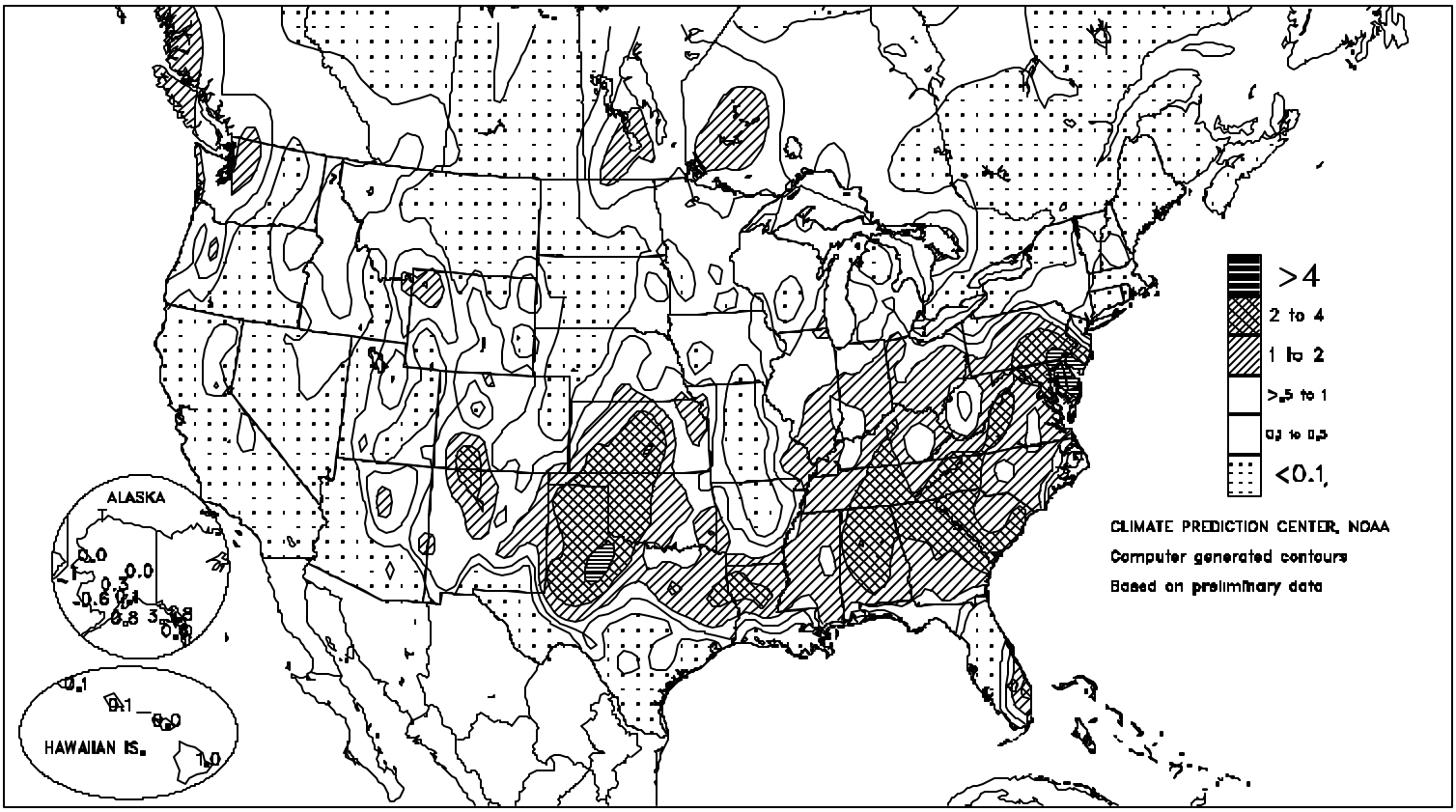
Annual subscriptions: domestic first class **$45**, foreign **$55** (in U.S. funds by international money order or check drawn on U.S. bank) payable to **U.S. Department of Commerce, NOAA**. POSTMASTER: Send address changes to: **Climate Prediction Center, W/NP52, Attn: *Weekly Weather and Crop Bulletin*, Room 605, WWBG, 5200 Auth Road, Camp Springs, MD 20746-4304**. Order subscriptions from the office and address listed above. First-class postage paid at Washington, DC, and other mailing offices. Correspondence to the meteorologists should be directed to: **Weekly Weather and Crop Bulletin, NOAA/USDA, Joint Agricultural Weather Facility, USDA South Building, Room 5844, Washington, DC 20250.** Internet URL: **http://www.usda.gov/oce/waob/jawf**; E-mail address: ***wwcb@jawfsrv.wwb.noaa.gov***

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Weather Service/Climate Prediction Center
Managing Editor . . . . . ***David Miskus*** *(202) 720-7919*
Meteorologists . . . . . ***Eric Luebehusen, Brad Pugh,***
. . . . . and ***Chester Schmitt***
Subscriptions . . . ***John Kopman*** (301) 763-8000 ext 7534
. . . . . **fax:** (301) 763-8125

U.S. DEPARTMENT OF AGRICULTURE
Economic Research Service
E.R.S. Editor . . . . . ***Sharon Lee***
National Agricultural Statistics Service
Agricultural Statistician . . . . ***Mark Miller*** (202) 720-7621
State Summaries Editor ***Delores Thomas*** (202) 720-8033
World Agricultural Outlook Board
International Editor . . . . . ***Tom Puterbaugh***
U.S. Editor . . . . . ***Brad Rippey*** (202) 720-2397
Agricultural Weather Analysts . . . . . ***Mark Brusberg***
. . . . ***Bob Stefanski, Brian Morris,*** and ***Harlan Shannon***
Stoneville . . . . . ***Elizabeth Lord***

Total Precipitation (Inches)

MAR 19 – 25, 2000



Climate Prediction Center, W/NP52
Attn: *Weekly Weather & Crop Bulletin*
NOAA/NWS/NCEP/CPC
5200 Auth Road
WWB, Room 605
Camp Springs, MD 20746-4304

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, $300

WEEKLY NEWS BULLETIN
FIRST CLASS

FIRST CLASS MAIL
POSTAGE & FEES PAID
NOAA
PERMIT NO. G-19