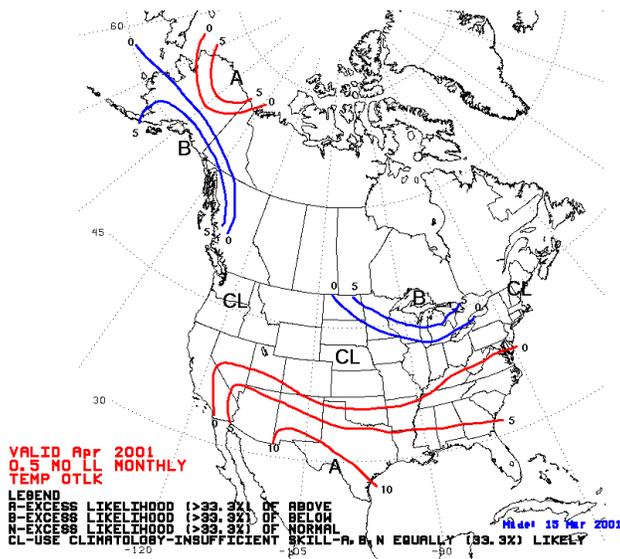
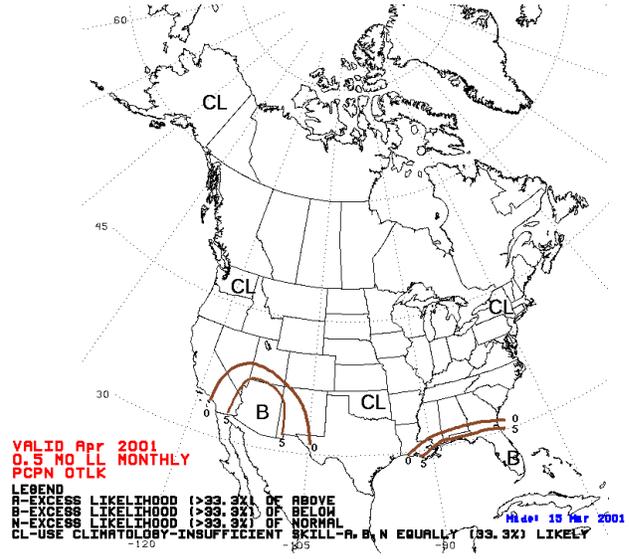


Monthly Temperature & Precipitation Outlook

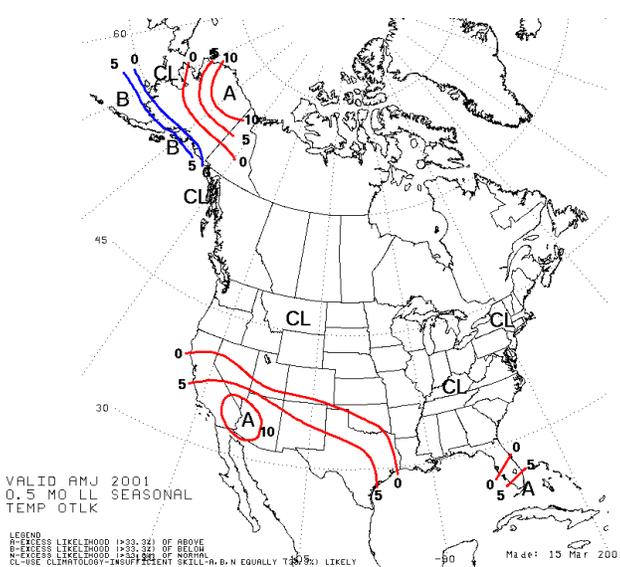


Monthly Temperature Outlook for April 2001 was issued by the Climate Prediction Center (NOAA/NWS). Above-normal temperatures (A) are expected across the Southern United States, from the southern Mid-Atlantic westward into the Southwest. Below-normal (B) temperatures are forecast for the Great Lakes and southern Alaska. For the Pacific Coast, Great Plains, and Northeast, there are no strong forecast indicators for above- or below-normal temperatures, so climatology (CL) is forecast for these regions.

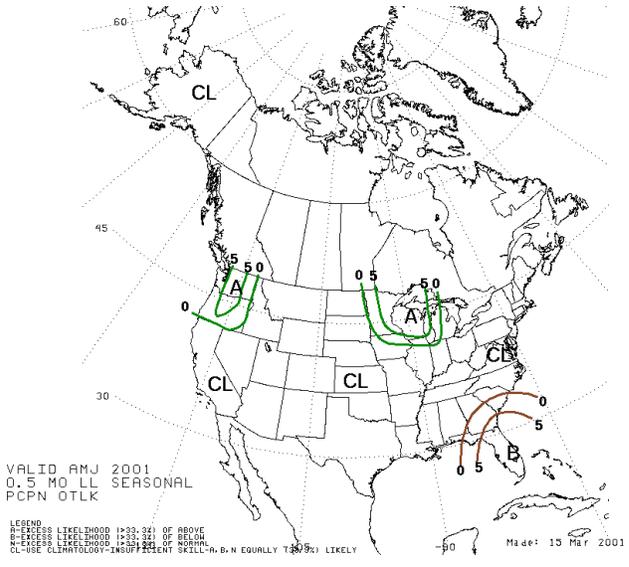


Monthly Precipitation Outlook for April 2001 was issued by the Climate Prediction Center (NOAA/NWS). Below-normal precipitation (B) is forecast for Florida and the Southwestern United States. For the rest of the United States, there are no strong forecast indicators for above- or below-normal precipitation, so climatology (CL) is forecast.

Seasonal Temperature & Precipitation Outlook



Seasonal Temperature Outlook for April to June 2001 was issued by the Climate Prediction Center (NOAA/NWS). Above-normal (A) temperatures are forecast for the Southern Plains westward into the Southwest. Climatology (CL) is forecast for the rest of the country since forecast indicators favor neither above- nor below-normal temperatures.



Seasonal Precipitation Outlook for April to June 2001 was issued by the Climate Prediction Center (NOAA/NWS). Below-normal precipitation (B) is forecast to persist in the Southeast (including Florida). Above-normal precipitation (A) is expected across the Great Lakes and the coastal Pacific Northwest. Climatology (CL) is forecast for the rest of the United States, including Alaska.

Weather Data for Selected Locations in the Delta and the Bootheel

Weather Data for the Week Ending March 24, 2001

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

STATES AND STATIONS	TEMPERATURE EF						PRECIPITATION						4-INCH SOIL TEMP, °F		NUMBER OF DAYS				
	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	TEMP. EF		PRECIP	
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	5.0 INCH OR MORE
MS BATESVILLE *	60	39	75	33	50	-3	0.00	-1.14	0.00	2.90	66	17.73	134	-	-	0	0	0	0
MS BELZONI *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MS CLARKSDALE *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MS CLEVELAND *	61	41	73	33	51	-4	0.07	-0.65	0.07	3.47	88	17.77	129	-	-	0	0	1	0
MS GREENVILLE *	62	43	75	35	53	-4	0.27	-0.81	0.27	4.78	112	19.71	146	-	-	0	0	1	0
MS GREENWOOD *	64	41	76	34	53	-4	0.14	-0.96	0.09	4.59	110	19.73	155	-	-	0	0	2	0
MS INDIANOLA 1S	63	43	74	36	53	-	0.12	-	0.07	4.42	-	17.47	-	59	49	0	0	2	0
MS INVERNESS 5E	64	44	75	36	54	-	0.11	-	0.10	4.30	-	16.32	-	-	-	0	0	2	0
MS LYON	62	42	74	32	52	-	0.00	-	0.00	2.38	-	15.83	-	-	-	0	1	0	0
MS MOORHEAD *	64	43	76	37	54	-3	0.02	-1.07	0.02	3.39	81	16.04	121	-	-	0	0	1	0
MS ONWARD	64	43	75	38	54	-	0.45	-	0.41	5.66	-	19.08	-	58	51	0	0	2	0
MS ROLLING FORK *	63	42	76	37	53	-4	0.04	-1.08	0.04	6.69	160	20.98	153	-	-	0	0	1	0
MS SIDON	65	44	79	36	55	-	0.05	-	0.04	4.05	-	16.80	-	-	-	0	0	2	0
MS TUNICA *	61	42	74	34	52	-2	0.00	-1.05	0.00	3.08	83	16.32	136	-	-	0	0	0	0
MS TUNICA 1W	60	40	74	33	50	-	0.00	-	0.00	2.83	-	16.19	-	55	49	0	0	0	0
MS VANCE	62	42	75	35	52	-	0.03	-	0.03	2.47	-	17.19	-	52	48	0	0	1	0
MS VICKSBURG *	63	42	77	37	53	-6	0.00	-1.26	0.00	8.91	192	19.77	132	-	-	0	0	0	0
MS YAZOO CITY *	62	40	77	35	51	-8	0.04	-1.22	0.04	6.41	134	22.12	147	-	-	0	0	1	0
MS STONEVILLE *	62	42	75	35	52	-4	0.13	-1.03	0.13	4.44	109	19.51	146	61	47	0	0	1	0
MO CARDWELL	59	38	68	32	49	-2	0.11	-0.83	0.11	2.76	77	11.50	106	-	-	0	1	1	0
MO CHARLESTON	55	34	64	28	45	-3	0.21	-0.62	0.20	2.17	70	8.14	82	-	-	0	2	2	0
MO CLARKTON	57	36	67	31	46	-4	0.00	-0.90	0.00	1.99	68	9.93	108	-	-	0	2	0	0
MO DELTA	55	34	64	27	45	-4	0.22	-0.83	0.21	2.17	63	6.48	59	-	-	0	3	2	0
MO GLENNONVILLE	56	36	66	31	46	-4	0.00	-0.90	0.00	1.87	64	9.36	102	-	-	0	1	0	0
MO PORTAGEVILLE #1	57	37	66	31	47	-3	0.00	-0.90	0.00	2.75	82	10.34	98	-	-	0	2	0	0
MO PORTAGEVILLE #2	57	36	70	30	46	-4	0.00	-0.90	0.00	3.07	91	10.10	96	-	-	0	1	0	0
MO STEELE	58	38	67	32	48	-2	0.01	-0.91	0.01	3.20	88	12.88	115	-	-	0	0	1	0

Compiled by USDA/OCE/WAOB's Stoneville Field Office.

* Based on 1964-93 normals.
x Based on 1961-90 normals.

Delta and Bootheel Weather and Crop Summary: Although temperatures averaged below normal across the region, a warming trend by week's end promoted the growth of pastures and fall-sown grains. Precipitation was well below normal across the Delta and the Bootheel, allowing fieldwork to begin. Note: Data from Belzoni and Clarksdale, MS will be unavailable for several weeks.

March and Seasonal Snowfall Records

Two primary mechanisms have contributed to near-record or record seasonal snowfall totals in the Great Lakes region and parts of the upper Midwest. First, a persistent northwesterly air flow has affected the Great Lakes region for much of the winter, resulting in frequent lake-effect snow showers and squalls. Second, storm systems have predominantly tracked from the Southwest into the Great Lakes region for most of the cold season, depositing occasional heavy snow as far south as the southern Plains and significant accumulations in the upper Midwest.

During March, however, an eastward shift in the primary storm track has brought drier weather to the upper Midwest, but produced heavy precipitation across the Northeast. As a result, some March snowfall records have been broken from New York to New England, while few additional snow accumulations have been reported in previously hard-hit areas west of the Great Lakes.

March 1-26 Snowfall (Inches)

Location	Total	Previous Record/Year
Binghamton, NY	45.7	37.9 in 1992-93
Burlington, VT	43.7	39.9 in 1992-93

Record Seasonal Snowfall (Inches)

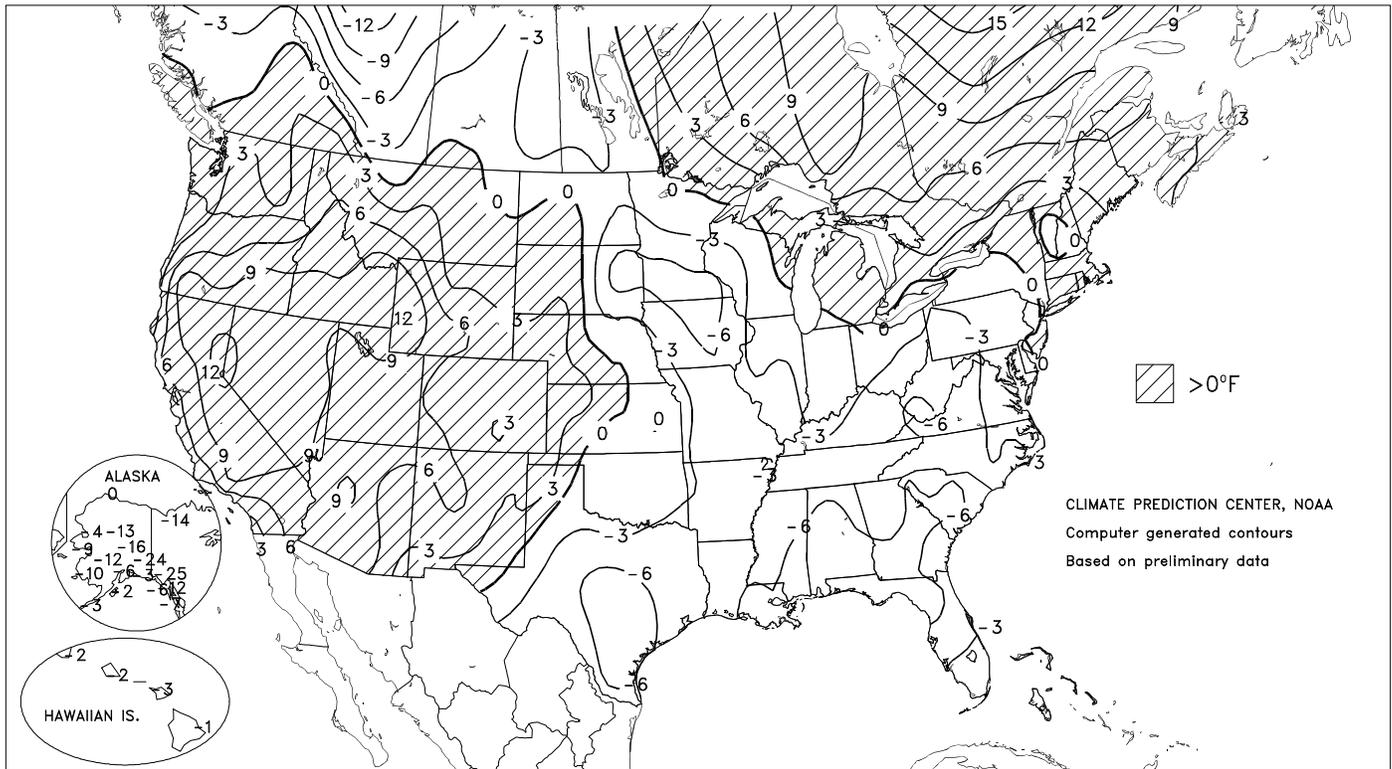
Location	Total	Previous Record/Season
Erie, PA	145.1	142.8 in 1977-78
Huron, SD	85.0	77.7 in 1961-62

Second-Highest Seasonal Snowfall (Inches)

Location	Total	Record/Season
Marquette, MI	265.8	272.2 in 1996-97
Syracuse, NY	190.0	192.1 in 1992-93
Buffalo, NY	158.0	199.4 in 1976-77
Amarillo, TX	46.3	48.7 in 1918-19

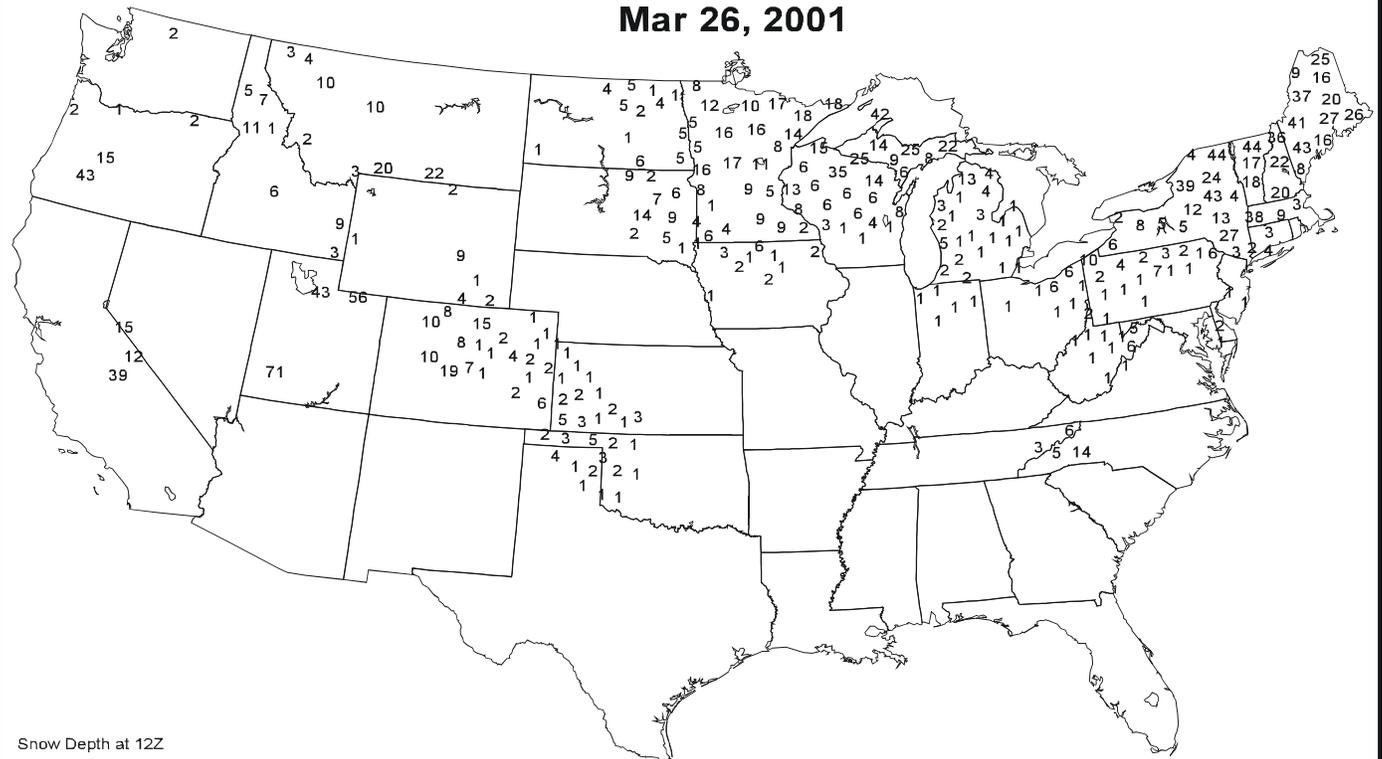
Departure of Average Temperature from Normal (°F)

MAR 18 - 24, 2001



Snow Depth (Inches)

Mar 26, 2001



Snow Depth at 12Z

The NWS cooperative network is the principal source of the snow depth reports

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

LAST MAP OF THE SEASON

(Continued from front cover)

wheat development in the **Ohio Valley** and postponed the onset of spring snow-melt flooding from the **eastern Dakotas** to the **upper Mississippi Valley**. Weekly temperatures ranged from 2 to 8°F below normal in the **northwestern Corn Belt**. From the **central and southern Plains** to the **lower Mississippi Valley**, cool weather slowed winter wheat development, while scattered showers and damp fields continued to hamper fieldwork. Mild, dry weather prevailed on the **northern High Plains**. Weekly temperatures ranged from 6 to 10°F above normal in agricultural areas of **California** and **Arizona**, promoting crop development and fieldwork, including cotton planting preparations. Warm weather also prevailed in the **Northwest**, where scattered showers provided little relief from unfavorably dry conditions. The late-week water content of high-elevation snowpacks ranged from 45 to 70 percent of normal in key watershed areas from the **Cascades** to the **northern Rockies**, and stood near 75 percent of normal in the **Sierra Nevada**.

Heavy rain, locally in excess of 5 inches, finally overspread **Peninsular Florida** on March 19. The most significant rain fell in two bands, the first just north of a line from **Tampa to Orlando**, and the second in a corridor across **southern Florida**. Daily rainfall of 2.07 inches in **Ft. Myers** and 5.05 inches in **West Palm Beach** accounted for more than half of the cities' respective year-to-date totals. Although some rain fell in **Lake Okeechobee**, only light showers dampened the lake's surrounding drainage basin. As a result, **Okeechobee's** average surface elevation stood at 10.15 feet on March 25, according to the U.S. Army Corps of Engineers, virtually unchanged from a week earlier and a mere 0.4 foot above the July 1981 record low.

Farther north, a slow-moving storm dumped at least 2 inches of precipitation in many areas from **western Florida** to **southern Maine**. Daily-record rainfall totals were observed in many locations, including **Wilmington, NC** (3.99 inches on March 20), **Pittsburgh, PA** (1.61 inches on March 21), and **Boston, MA** (2.59 inches on March 22). Storm-total rainfall topped 4 inches from **eastern Massachusetts** to **southernmost Maine**, reaching 7 inches in **Belmont, MA**, near **Boston**. Another heavy snow event affected areas farther inland, totaling 32 inches in **Eustis (Franklin County), ME** and 30 inches on **Jay Peak (Orleans County), VT**. Farther south, 30 inches also fell near the summit of **Mount Mitchell, NC**. Peak wind gusts during the storm reached 69 mph near the **Maine coast** on **Matinicus Rock**, 60 mph at **Cape Lookout, NC**, and 58 mph in **Chatham, MA**.

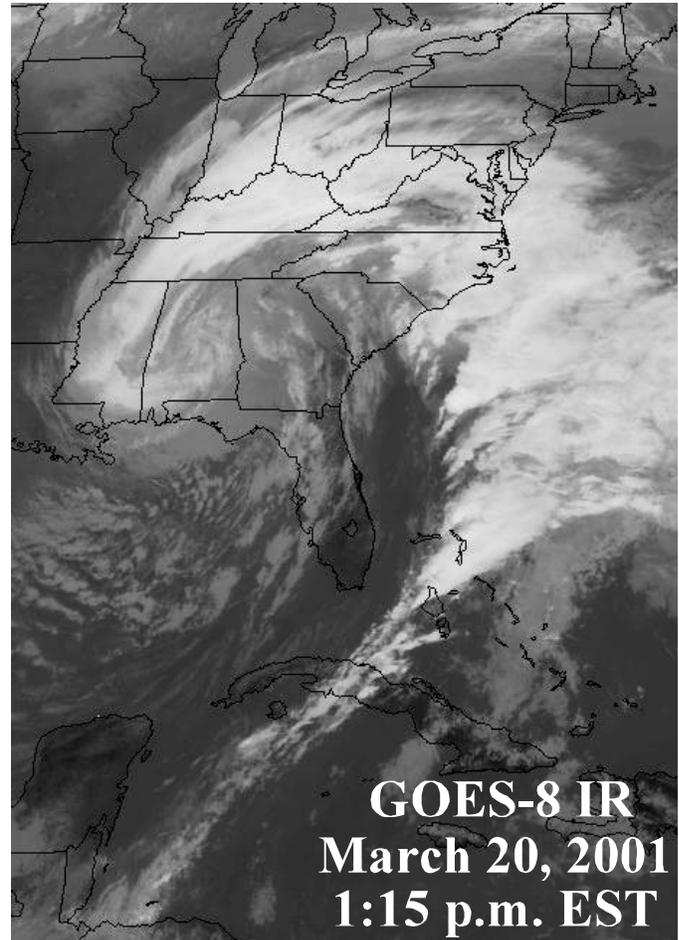
March 1-25 precipitation reached 11.96 inches (253 percent of normal) in **Columbus, GA** and 11.73 inches (228 percent) in **Montgomery, AL**. During the same period, March snowfall records were broken in locations such as **Binghamton, NY** (44.8 inches) and **Burlington, VT** (43.7 inches), both of which had been established in 1993.

In contrast, record warmth prevailed in the **West**. On Monday, warm conditions spread as far east as **Montana**, where **Havre** (70°F) posted a daily-record high. A day later, record highs in **California** included 89°F in **King City** and 83°F in **San Jose**. **Tucson, AZ** notched a daily record-tying high of 90°F on March 21, their warmest day since a high of 99°F on October 7, 2000.

Enough mild weather edged into the **Corn Belt** to melt the remaining snow in **Des Moines, IA**. At least 1 inch of snow remained on the ground in **Des Moines** for 99 consecutive days (December 11 to March 19), eclipsing their previous record of 90 days from December 19, 1977 - March 18, 1978. **LaCrosse, WI** noted a maximum temperature of 48°F on March 20, their highest reading of the year-to-date. The last time **LaCrosse** went so late into a year without a high of 50°F or above was 1975, when the first observance was April 7. Meanwhile in **Minnesota**, **Rochester** measured 40°F on March 3 and 14, their highest readings of the year. **Rochester's** latest recorded observance of their first high above 40°F was March 25, 1962. By week's end, bitterly cold weather returned to the **upper Midwest**, where **Rochester** registered a high of 17°F and a low of 8°F on March 24. Prior to the arrival of colder weather, significant, snowmelt-induced rises were

noted along creeks and rivers in the **upper James River Basin**. For example, **Pipestem Creek** near **Pingree, ND** climbed more than 5 feet in a 2-week period, rising 1.5 feet above flood stage on March 26.

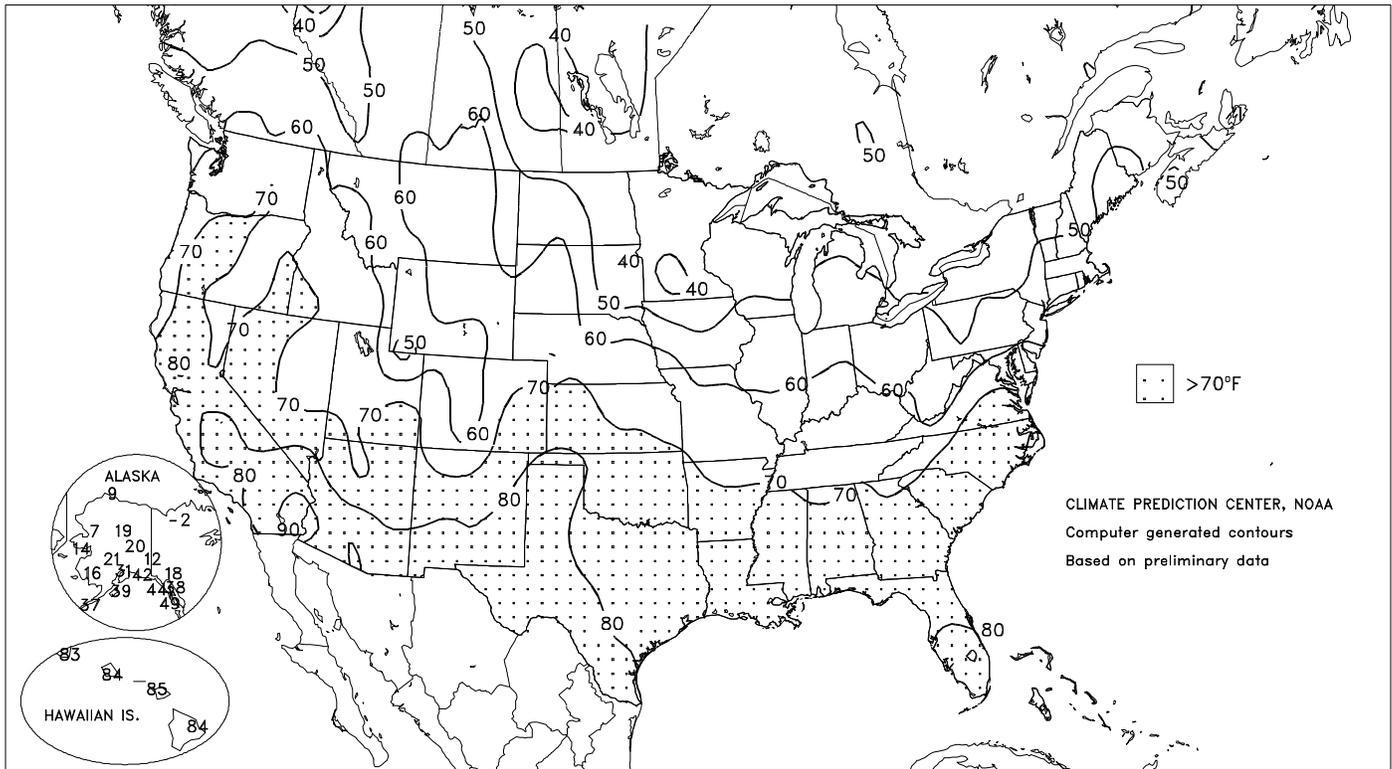
Below-normal temperatures prevailed throughout **Alaska** for the first time in nearly 4 months, since the last week of November. Weekly temperatures averaged 10 to 24°F below normal across **interior Alaska**, aided by several daily-record lows on March 22, the second full day of astronomical spring. Records included -39°F in **Eagle** and -36°F in **Northway**. Meanwhile in **Hawaii**, cool weather (as much as 3°F below normal) accompanied generally light showers until week's end, when heavier rain overspread parts of **Kauai, Oahu, and Molokai**.



Spring Storm: A few hours after the arrival of astronomical spring on March 20, a powerful storm system wound up across the Southeast, producing heavy rain, high winds, and high-elevation snowfall. About 30 inches of snow was reported near the summit of North Carolina's Mount Mitchell, the highest U.S. peak east of the Mississippi River. A day earlier, Florida's peninsula had received its most significant rain of the year. March 19 Florida totals of 2.07 inches in Ft. Myers and 5.05 inches in West Palm Beach accounted for more than half of the cities' respective year-to-date totals. The storm moved into the Northeast from March 21-23, bringing another round of heavy snow to inland areas and copious rainfall closer to the coast. The storm boosted March 1-26 snowfall above 40 inches in locations such as Binghamton, NY (45.7 inches) and 43.7 inches in Burlington, VT.

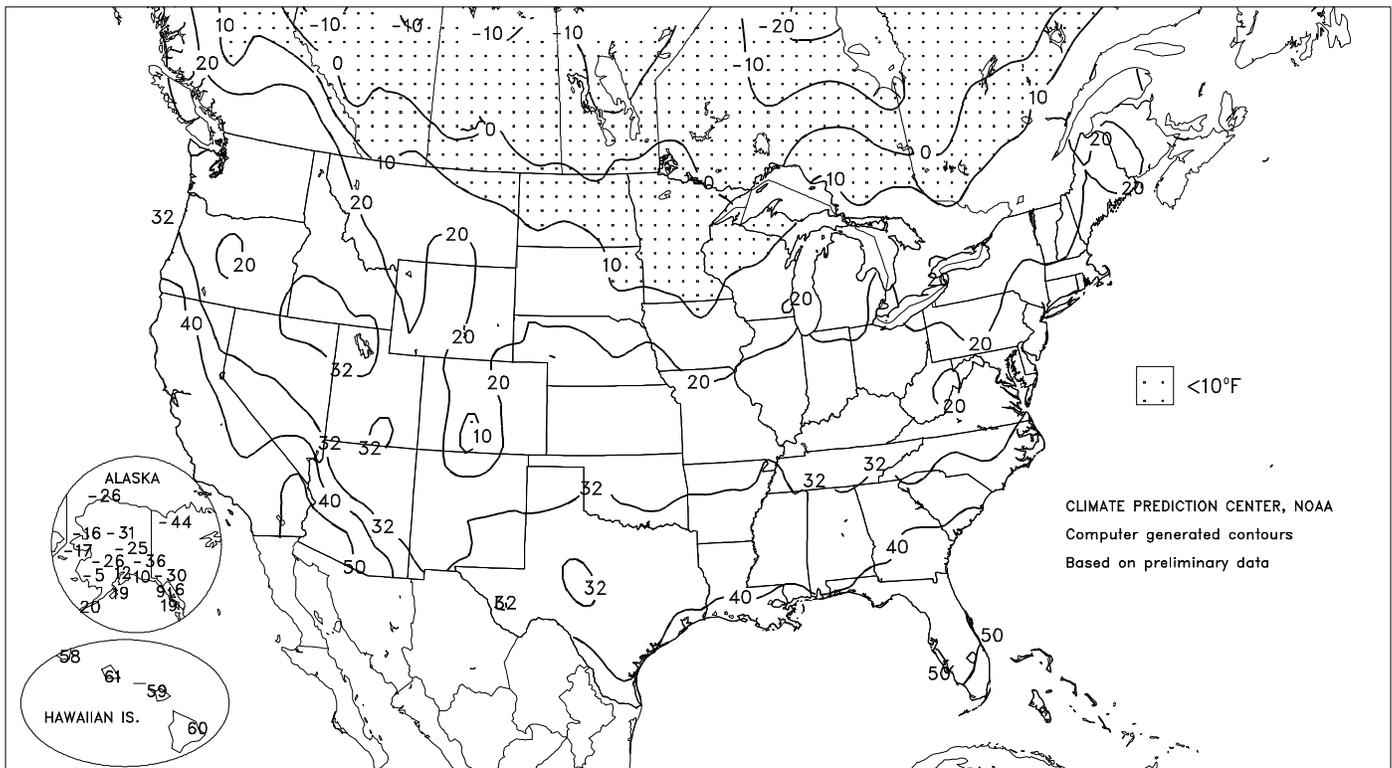
Extreme Maximum Temperature (°F)

MAR 18 - 24, 2001

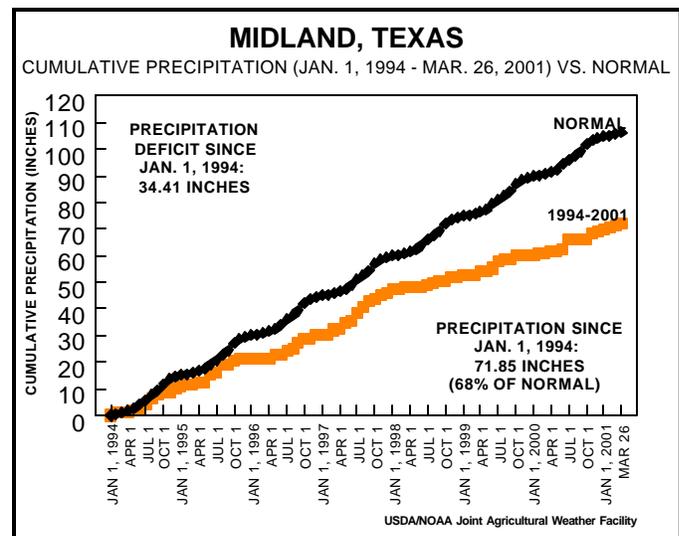
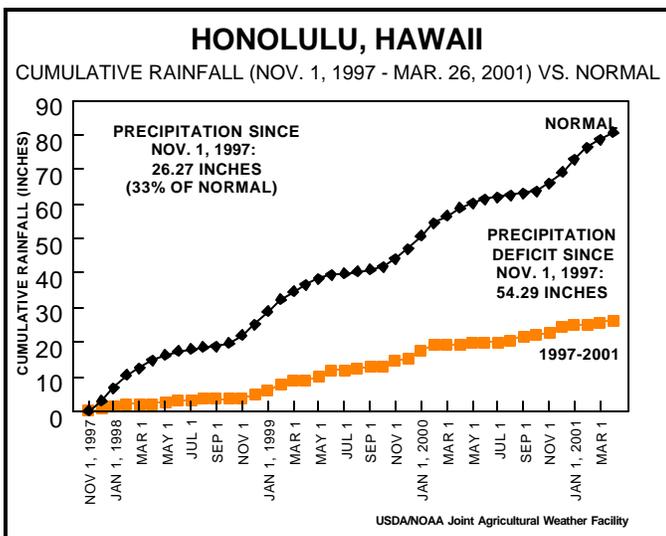
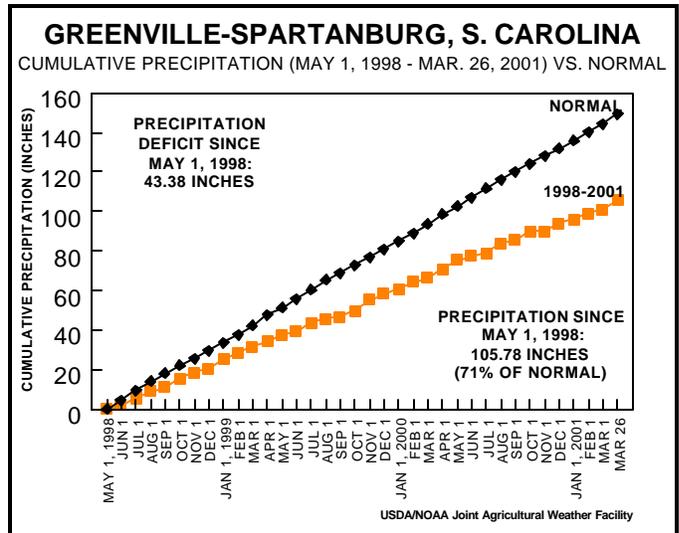
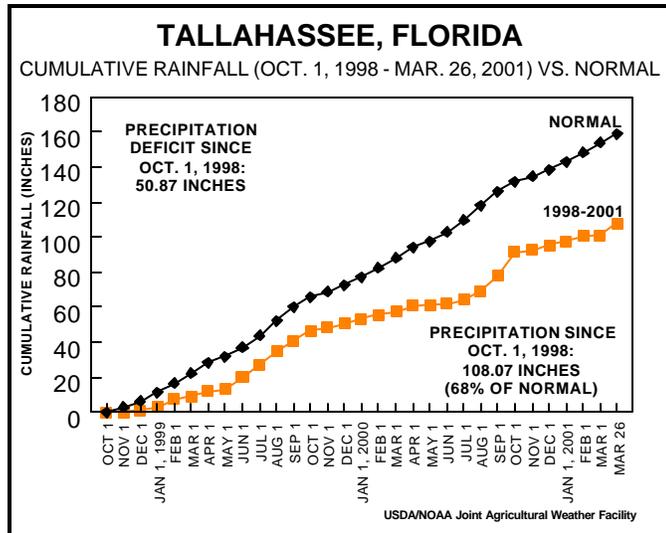
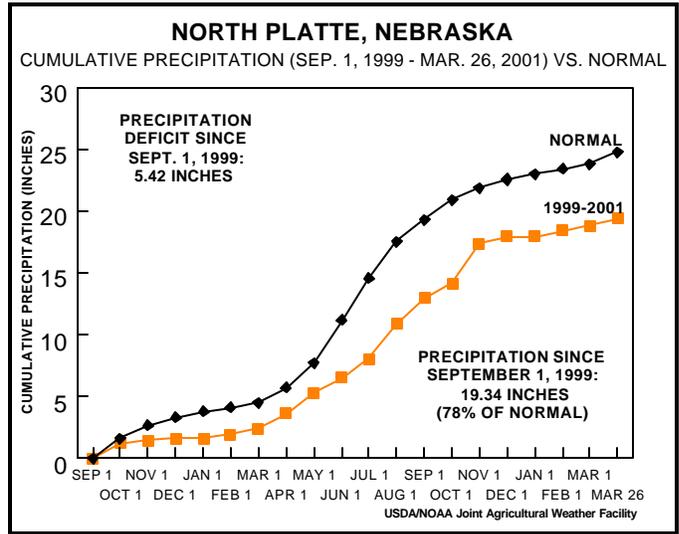
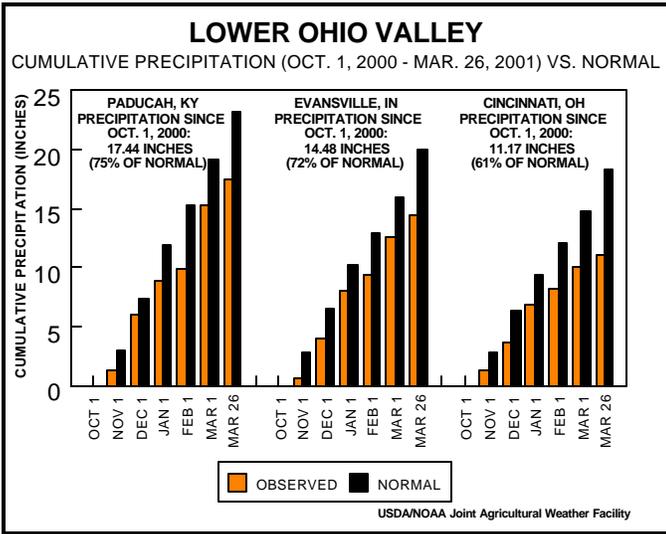


Extreme Minimum Temperature (°F)

MAR 18 - 24, 2001



Selected Precipitation Deficit Graphs



National Weather Data for Selected Cities

Weather Data for the Week Ending March 24, 2001

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

STATES AND STATIONS	TEMPERATURE EF						PRECIPITATION						RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS				
	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	TEMP. EF		PRECIP	
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	50 INCH OR MORE
AL BIRMINGHAM	59	38	71	35	49	-7	3.12	1.69	1.88	7.70	160	17.22	118	98	57	0	0	2	2
AL HUNTSVILLE	59	37	69	32	48	-5	3.16	1.63	1.94	6.24	121	16.41	108	85	54	0	1	2	2
AL MOBILE	66	43	76	37	54	-8	0.19	-1.25	0.07	10.12	200	16.90	111	93	57	0	0	5	0
AL MONTGOMERY	62	42	75	36	52	-7	3.10	1.69	1.52	10.87	220	18.73	124	89	51	0	0	3	2
AK ANCHORAGE	27	15	31	12	21	-6	0.00	-0.16	0.00	0.68	121	3.25	153	46	38	0	7	0	0
AK BARROW	-8	-21	9	-26	-14	0	0.01	-0.02	0.01	0.01	11	0.73	178	80	71	0	7	1	0
AK FAIRBANKS	15	-20	20	-25	-3	-17	0.00	-0.08	0.00	0.00	0	1.06	92	62	49	0	7	0	0
AK JUNEAU	29	14	38	6	21	-13	0.01	-0.71	0.01	2.76	107	14.39	132	63	47	0	7	1	0
AK KODIAK	36	26	39	19	31	-2	1.70	0.67	1.17	5.32	146	23.11	142	70	60	0	6	2	2
AK NOME	11	-10	14	-17	0	-10	0.00	-0.12	0.00	0.16	41	2.85	160	78	71	0	7	0	0
AZ FLAGSTAFF	62	26	66	22	44	8	0.00	-0.57	0.00	1.38	68	5.66	92	83	20	0	7	0	0
AZ PHOENIX	87	57	90	50	72	9	0.00	-0.19	0.00	1.03	141	3.66	176	50	24	2	0	0	0
AZ TUCSON	84	49	90	41	66	6	0.00	-0.16	0.00	0.88	157	2.58	121	51	18	1	0	0	0
AZ YUMA	88	60	95	57	74	8	0.00	-0.06	0.00	1.82	958	2.72	358	43	27	2	0	0	0
AR FORT SMITH	63	40	74	32	52	-1	0.04	-0.89	0.03	0.84	28	10.34	138	80	38	0	1	2	0
AR LITTLE ROCK	63	41	73	35	52	-3	0.00	-1.15	0.00	3.76	101	14.95	139	79	36	0	0	0	0
CA BAKERSFIELD	77	53	86	45	65	7	0.00	-0.22	0.00	0.24	29	4.04	147	79	56	0	0	0	0
CA FRESNO	78	52	83	42	65	9	0.00	-0.42	0.00	0.97	65	5.85	111	87	62	0	0	0	0
CA LOS ANGELES	64	54	75	52	59	1	0.03	-0.38	0.02	1.47	90	15.93	244	90	73	0	0	2	0
CA REDDING	74	51	79	44	63	10	0.18	-0.78	0.10	3.20	91	17.00	121	85	63	0	0	2	0
CA SACRAMENTO	74	50	79	46	62	8	0.26	-0.30	0.26	1.94	94	10.26	118	95	55	0	0	1	0
CA SAN DIEGO	68	56	77	54	62	2	0.00	-0.40	0.00	0.65	46	6.33	134	95	72	0	0	0	0
CA SAN FRANCISCO	68	52	76	48	60	7	0.04	-0.63	0.03	0.94	38	10.91	109	92	82	0	0	2	0
CA STOCKTON	75	48	80	44	62	7	0.00	-0.49	0.00	1.39	80	6.56	100	92	70	0	0	0	0
CO ALAMOSA	56	22	66	13	39	5	0.54	0.43	0.49	0.98	280	1.90	211	90	42	0	6	2	0
CO CO SPRINGS	54	31	67	23	43	5	0.09	-0.13	0.08	0.82	117	1.91	137	86	33	0	3	2	0
CO DENVER	58	31	67	22	44	4	0.02	-0.29	0.02	0.55	59	2.01	100	87	33	0	5	1	0
CO GRAND JUNCTION	63	37	71	29	50	5	0.00	-0.22	0.00	0.80	114	1.90	109	77	42	0	2	0	0
CO PUEBLO	62	28	74	21	45	2	0.00	-0.19	0.00	0.16	28	1.13	93	86	43	0	5	0	0
CT BRIDGEPORT	48	34	54	30	41	1	2.19	1.32	1.81	4.65	162	8.88	97	73	50	0	2	4	1
CT HARTFORD	47	32	53	27	39	0	2.25	1.42	1.14	4.21	151	8.46	90	80	53	0	4	3	2
DC WASHINGTON	56	37	66	32	47	-2	1.29	0.57	1.09	2.40	98	6.45	82	69	40	0	1	2	1
DE WILMINGTON	52	35	59	30	44	0	1.40	0.60	1.38	3.41	129	9.30	108	78	35	0	3	2	1
FL DAYTONA BEACH	70	52	75	44	61	-4	4.62	3.99	4.22	7.81	338	9.07	111	95	49	0	0	3	1
FL JACKSONVILLE	66	47	78	42	56	-6	1.77	0.96	0.95	5.54	189	7.13	70	93	56	0	0	3	1
FL KEY WEST	78	67	85	62	72	-2	1.20	0.81	0.79	1.88	140	2.30	45	84	61	0	0	2	1
FL MIAMI	80	63	84	57	71	-1	1.79	1.24	1.59	2.47	134	3.12	53	86	59	0	0	2	1
FL ORLANDO	73	53	81	48	63	-5	0.64	-0.06	0.33	1.30	50	2.18	28	89	52	0	0	3	0
FL PENSACOLA	***	***	***	***	***	***	***	***	***	***	***	9.03	66	***	***	***	***	***	***
FL TALLAHASSEE	66	44	79	41	55	-6	1.66	0.28	0.63	6.90	139	9.94	65	93	67	0	0	3	2
FL TAMPA	69	55	78	51	62	-5	1.21	0.57	1.09	2.95	119	5.16	68	87	61	0	0	4	1
FL WEST PALM	77	59	82	54	68	-3	5.10	4.26	5.05	7.34	255	8.90	106	88	57	0	0	3	1
GA ATHENS	62	39	73	36	50	-5	1.63	0.39	1.39	7.20	168	12.96	97	81	43	0	0	4	1
GA ATLANTA	59	40	72	36	49	-6	2.17	0.86	1.66	7.81	173	14.19	101	84	61	0	0	3	2
GA AUGUSTA	64	37	76	35	50	-7	1.03	-0.01	0.87	8.63	235	13.25	111	88	53	0	0	3	1
GA COLUMBUS	62	43	76	38	53	-6	2.94	1.63	1.72	11.79	261	15.23	109	87	45	0	0	3	2
GA MACON	62	42	75	39	52	-6	1.55	0.49	0.98	8.17	216	11.91	91	86	46	0	0	3	2
GA SAVANNAH	65	45	77	41	55	-5	2.61	1.76	2.27	5.90	199	8.21	84	87	58	0	0	4	1
HI HILO	79	62	84	60	71	-1	0.80	-2.49	0.37	5.92	56	20.67	67	88	74	0	0	4	0
HI HONOLULU	80	65	84	61	73	-2	0.01	-0.49	0.01	0.08	5	0.83	11	82	71	0	0	1	0
HI KAHULUI	79	61	85	59	70	-3	0.20	-0.41	0.15	0.38	18	1.42	16	85	75	0	0	3	0
HI LIHUE	79	64	83	58	71	-2	0.49	-0.47	0.44	0.99	31	5.79	47	90	76	0	0	3	0
ID BOISE	65	42	71	39	54	10	0.00	-0.30	0.00	0.58	58	2.07	59	74	51	0	0	0	0
ID LEWISTON	62	34	72	28	48	3	0.05	-0.20	0.04	0.51	61	1.93	64	79	63	0	3	2	0
ID POCATELLO	61	36	64	30	48	10	0.03	-0.27	0.01	0.54	56	2.34	80	86	61	0	2	3	0
IL CHICAGO/O'HARE	47	26	56	20	37	-2	0.00	-0.66	0.00	1.35	69	5.04	104	85	43	0	6	0	0
IL MOLINE	48	25	60	18	37	-3	0.00	-0.74	0.00	1.50	68	6.93	140	89	50	0	6	0	0
IL PEORIA	50	28	58	21	39	-2	0.00	-0.72	0.00	1.10	51	7.21	142	82	40	0	6	0	0
IL ROCKFORD	47	24	56	18	36	-1	0.00	-0.61	0.00	2.71	152	8.04	191	93	50	0	7	0	0
IL SPRINGFIELD	52	27	59	22	40	-3	0.00	-0.78	0.00	1.18	49	6.25	110	88	47	0	6	0	0
IN EVANSVILLE	56	34	64	26	45	-3	0.03	-1.07	0.03	1.80	49	6.35	67	72	40	0	4	1	0
IN FORT WAYNE	50	27	59	22	39	-1	0.03	-0.66	0.03	0.48	22	3.95	66	84	40	0	6	1	0
IN INDIANAPOLIS	54	31	61	24	42	-1	0.00	-0.89	0.00	0.55	19	3.25	42	77	32	0	5	0	0
IN SOUTH BEND	50	24	56	18	37	-2	0.00	-0.75	0.00	0.44	19	4.71	73	85	41	0	7	0	0
IA BURLINGTON	49	28	59	21	38	-3	0.00	-0.70	0.00	1.33	63	6.88	153	86	44	0	6	0	0
IA CEDAR RAPIDS	43	24	55	13	34	-4	0.00	-0.57	0.00	1.04	62	5.69	153	90	54	0	6	0	0
IA DES MOINES	44	27	57	19	35	-5	0.21	-0.37	0.20	1.65	97	5.37	142	83	66	0	5	2	0
IA DUBUQUE	43	25	53	15	34	-2	0.00	-0.71	0.00	0.62	29	5.10	108	83	61	0	6	0	0
IA SIOUX CITY	43	28	57	19	36	-2	0.44	-0.04	0.43	0.64	44	2.97	109	95	79	0	6	2	0
IA WATERLOO	40	23	50	15	32	-5	0.00	-0.57	0.00	0.77	46	2.59	73	90	65	0	7	0	0
KS CONCORDIA	55	33	66	25	44	1	0.08	-0.46	0.04	0.50	30	3.15	105	87	54	0	3	4	0
KS DODGE CITY	59	34	76	27	46	1	0.14	-0.24	0.14	0.42	37	3.54	157	93	46	0	4	1	0
KS GOODLAND	57	30	71	25	44	4	0.00	-0.28	0.00	0.15	17	1.60	95	91	55	0	4	0	0
KS TOPEKA	56	32	63	27	44	-2	0.03	-0.57	0.03	3.27	180	7.39	194	87	50	0	3	1	0

Based on 1961-90 normals

*** Not Available

Weather Data for the Week Ending March 24, 2001

STATES AND STATIONS	TEMPERATURE EF						PRECIPITATION								RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
	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	TEMP. EF		PRECIP		
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
KY WICHITA	58	36	70	29	47	0	0.03	-0.55	0.03	2.32	127	7.66	214	81	49	0	2	1	0	
JACKSON	53	34	62	32	43	-6	0.58	-0.51	0.38	2.02	54	8.24	73	83	33	0	1	3	0	
LEXINGTON	54	32	63	29	43	-4	1.12	0.10	0.97	2.93	86	9.19	97	81	50	0	4	3	1	
LOUISVILLE	57	36	65	30	46	-2	0.26	-0.81	0.21	1.95	54	7.13	73	80	37	0	1	2	0	
LA PADUCAH	56	34	65	28	45	-4	0.16	-0.98	0.14	2.36	63	8.84	81	87	37	0	3	2	0	
BATON ROUGE	69	43	75	38	56	-7	0.07	-1.00	0.07	5.48	147	11.31	80	95	39	0	0	1	0	
LAKE CHARLES	69	45	74	41	57	-5	0.00	-0.73	0.00	5.41	211	11.93	112	90	42	0	0	0	0	
NEW ORLEANS	68	48	75	45	58	-5	0.16	-0.90	0.16	5.87	151	10.51	70	87	57	0	0	1	0	
SHREVEPORT	67	44	78	38	56	-3	0.66	-0.14	0.66	6.19	221	18.47	174	85	44	0	0	1	1	
ME CARIBOU	41	27	49	19	34	7	0.18	-0.38	0.09	0.82	44	4.29	69	87	56	0	7	3	0	
PORTLAND	44	31	49	24	37	2	2.70	1.85	2.38	3.82	136	7.73	80	82	57	0	4	3	1	
MD BALTIMORE	55	35	64	28	45	-1	1.83	1.06	1.63	3.06	115	7.88	89	70	47	0	2	2	1	
MA BOSTON	47	35	51	33	41	1	3.21	2.38	2.42	4.12	146	7.18	72	87	57	0	0	5	2	
WORCESTER	42	31	49	29	37	2	2.22	1.31	1.49	4.53	149	9.24	91	85	50	0	5	3	2	
MI ALPENA	43	21	49	15	32	2	0.00	-0.50	0.00	0.37	23	2.52	56	86	37	0	7	0	0	
GRAND RAPIDS	49	25	56	20	37	1	0.00	-0.64	0.00	0.59	31	4.00	77	86	42	0	7	0	0	
HOUGHTON LAKE	44	19	51	12	32	2	0.15	-0.33	0.15	0.56	37	2.75	66	87	42	0	7	1	0	
LANSING	50	21	55	17	35	-1	0.00	-0.56	0.00	0.33	19	3.77	83	91	41	0	7	0	0	
MUSKEGON	48	25	55	17	36	1	0.90	0.29	0.90	1.14	61	5.12	90	84	39	0	6	1	1	
TRAVERSE CITY	43	20	50	14	32	1	0.05	-0.36	0.03	0.47	37	3.14	67	93	39	0	7	2	0	
MN DULUTH	35	19	47	2	27	0	0.06	-0.40	0.06	0.22	16	3.23	94	81	53	0	7	1	0	
INTL FALLS	36	16	50	1	26	1	0.03	-0.23	0.02	0.09	12	0.52	23	85	45	0	7	2	0	
MINNEAPOLIS	37	21	47	11	29	-4	0.12	-0.36	0.12	0.66	46	3.19	98	88	66	0	7	1	0	
ROCHESTER	33	16	39	8	25	-7	0.02	-0.42	0.01	0.28	22	2.25	80	90	78	0	7	2	0	
ST. CLOUD	34	18	40	6	26	-4	0.04	-0.31	0.04	0.42	42	2.66	112	92	72	0	7	1	0	
MS JACKSON	65	41	76	36	53	-5	0.63	-0.72	0.56	8.73	195	17.98	125	88	45	0	0	2	1	
MERIDIAN	63	40	75	35	51	-7	0.82	-0.72	0.42	7.04	135	17.25	109	95	61	0	0	3	0	
TUPELO	61	39	71	30	50	-5	1.09	-0.32	0.61	3.95	84	17.72	124	87	54	0	1	2	1	
MO COLUMBIA	55	30	64	25	43	-2	0.04	-0.72	0.03	0.98	41	8.08	143	84	36	0	5	2	0	
KANSAS CITY	55	32	61	25	44	-1	0.15	-0.46	0.08	1.04	56	6.37	157	86	46	0	4	3	0	
SAINT LOUIS	54	33	61	25	44	-3	0.12	-0.73	0.08	1.49	55	5.09	76	88	49	0	3	2	0	
SPRINGFIELD	57	31	68	25	44	-4	0.00	-0.93	0.00	0.80	27	8.02	116	77	36	0	5	0	0	
MT BILLINGS	50	29	64	21	39	2	0.01	-0.27	0.01	0.26	31	1.16	49	72	36	0	4	1	0	
BUTTE	52	24	56	17	38	8	0.02	-0.17	0.00	0.12	21	0.77	52	88	25	0	6	1	0	
GLASGOW	43	21	67	7	32	0	0.00	-0.10	0.00	0.06	20	0.38	40	77	57	0	7	0	0	
GREAT FALLS	46	22	61	18	34	0	0.00	-0.27	0.00	0.25	30	1.29	56	83	34	0	7	0	0	
KALISPELL	54	25	59	19	40	5	0.02	-0.20	0.02	0.38	50	1.82	54	75	46	0	6	1	0	
MILES CITY	48	27	59	19	37	2	0.00	-0.15	0.00	0.56	127	0.97	67	85	35	0	7	0	0	
MISSOULA	58	28	64	20	43	6	0.12	-0.10	0.12	0.39	52	1.75	63	76	51	0	5	1	0	
NE GRAND ISLAND	47	30	65	20	39	-1	0.47	0.01	0.39	0.70	50	2.94	114	93	80	0	4	2	0	
LINCOLN	51	28	63	20	40	-1	1.21	0.69	0.97	1.72	112	4.43	159	91	57	0	5	3	1	
NORFOLK	47	29	63	20	38	0	0.44	-0.01	0.43	0.58	42	2.08	78	93	64	0	4	2	0	
NORTH PLATTE	51	30	65	20	41	3	0.18	-0.12	0.15	0.48	55	1.36	82	97	58	0	4	3	0	
OMAHA	50	29	61	22	39	-2	0.37	-0.13	0.29	1.28	85	4.42	147	86	72	0	5	2	0	
SCOTTSBLUFF	54	28	64	19	41	4	0.02	-0.25	0.01	0.35	44	1.03	58	90	59	0	6	2	0	
VALENTINE	51	28	62	19	40	5	0.13	-0.13	0.08	0.26	35	0.97	66	82	50	0	5	2	0	
NV ELY	61	30	65	26	45	10	0.43	0.21	0.35	0.84	117	1.42	69	87	47	0	6	2	0	
LAS VEGAS	80	53	83	47	67	10	0.00	-0.08	0.00	0.17	49	3.25	248	53	30	0	0	0	0	
RENO	70	41	76	36	56	12	0.02	-0.13	0.02	0.44	76	0.93	35	70	44	0	0	1	0	
WINNEMUCCA	68	35	73	30	51	10	0.43	0.24	0.43	0.62	105	1.89	97	85	58	0	2	1	0	
NH CONCORD	43	28	51	20	35	1	2.09	1.46	1.97	3.50	167	7.52	105	87	50	0	7	4	1	
NJ NEWARK	51	36	59	32	43	-1	2.10	1.20	1.23	4.72	159	9.08	97	79	56	0	2	2	2	
NM ALBUQUERQUE	67	42	76	33	55	7	0.00	-0.12	0.00	0.26	67	0.81	63	54	19	0	0	0	0	
NY ALBANY	44	29	51	22	37	1	0.89	0.20	0.49	2.70	121	5.55	81	86	54	0	5	3	0	
BINGHAMTON	39	26	46	21	32	-2	1.14	0.48	0.86	3.55	165	6.06	88	83	64	0	7	4	1	
BUFFALO	44	27	50	19	35	-1	0.54	-0.08	0.29	3.05	149	7.53	107	86	52	0	6	3	0	
ROCHESTER	43	26	49	19	34	-2	1.17	0.65	0.80	3.39	195	7.60	128	89	63	0	6	3	1	
SYRACUSE	42	28	47	20	35	-1	1.45	0.80	0.93	4.30	206	7.59	115	84	53	0	5	2	2	
NC ASHEVILLE	55	33	64	25	44	-5	0.92	-0.12	0.74	2.44	67	7.80	72	83	46	0	4	2	1	
CHARLOTTE	59	37	73	34	48	-4	1.43	0.44	1.37	3.53	100	7.59	69	76	36	0	0	2	1	
GREENSBORO	57	37	71	32	47	-3	1.21	0.37	0.67	2.95	101	7.99	85	74	36	0	1	2	2	
HATTERAS	58	45	64	40	52	-1	0.61	-0.35	0.51	1.38	41	5.25	41	90	61	0	0	3	1	
RALEIGH	61	37	76	28	49	-3	2.48	1.65	1.83	4.29	143	7.93	78	80	40	0	1	3	2	
WILMINGTON	63	42	73	33	52	-4	4.05	3.18	3.99	7.63	249	10.59	100	91	36	0	0	2	1	
ND BISMARCK	44	22	61	11	33	2	0.22	0.02	0.21	0.38	72	1.28	91	86	61	0	7	2	0	
DICKINSON	42	22	57	9	32	1	0.00	-0.19	0.00	0.16	35	0.67	56	91	38	0	7	0	0	
FARGO	32	19	42	8	25	-4	0.02	-0.24	0.02	0.03	4	0.97	52	89	70	0	7	1	0	
GRAND FORKS	31	18	46	6	25	-2	0.05	-0.18	0.03	0.28	41	0.82	43	92	62	0	7	3	0	
JAMESTOWN	35	20	46	8	27	-2	0.00	-0.22	0.00	0.00	0	0.09	5	94	62	0	7	0	0	
WILLISTON	41	19	53	6	30	-1	0.01	-0.16	0.01	0.02	4	0.42	29	87	52	0	7	1	0	
OH AKRON-CANTON	46	27	52	19	37	-3	0.17	-0.60	0.17	1.71	67	4.74	68	85	47	0	6	1	0	
CINCINNATI	54	32	60	26	43	-2	0.13	-0.86	0.12	1.04	32	4.18	49	76	37	0	4	2	0	
CLEVELAND	47	28	55	20	38	-1	0.00	-0.68	0.00	1.95	88	5.17	80	83	49	0	6	0	0	
COLUMBUS	52	31	57	25	42	-1	0.03	-0.74	0.02	1.04	42	3.72	54	71	41	0	4	2	0	
DAYTON	52	29	58	24	40	-2	0.10	-0.71	0.05	1.17	45	3.70	54	82	36	0	5	2	0	
MANSFIELD	48	26	53	20	37	-3	0.04	-0.75	0.03	1.05	42	3.89	60	83	38	0	7	2	0	

Based on 1961-90 normals

*** Not Available

Weather Data for the Week Ending March 24, 2001

STATES AND STATIONS	TEMPERATURE EF						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	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	TEMP. EF		PRECIP	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
OK TOLEDO	49	28	56	19	39	1	0.00	-0.63	0.00	0.69	35	3.77	69	80	40	0	6	0	0
OK YOUNGSTOWN	46	28	53	19	37	-1	0.46	-0.28	0.38	1.81	76	4.53	69	77	45	0	6	2	0
OK OKLAHOMA CITY	63	39	74	31	51	-1	0.00	-0.63	0.00	0.76	37	5.24	110	85	46	0	1	0	0
OR TULSA	63	38	76	32	51	-1	0.00	-0.82	0.00	0.76	29	5.47	89	88	48	0	1	0	0
OR ASTORIA	56	37	62	28	46	0	0.70	-0.86	0.42	3.35	60	11.63	50	98	81	0	3	6	1
OR BURNS	62	32	67	27	47	10	0.02	-0.20	0.02	0.44	55	1.16	45	91	62	0	4	1	0
OR EUGENE	61	38	68	28	49	1	0.40	-0.82	0.30	1.68	38	4.83	27	96	81	0	2	3	0
OR MEDFORD	70	46	78	44	58	10	0.54	0.14	0.24	1.44	99	3.26	54	95	57	0	0	3	0
OR PENDLETON	61	34	70	28	48	2	0.14	-0.13	0.12	0.72	77	2.29	64	85	68	0	3	3	0
OR PORTLAND	63	38	69	32	51	3	0.76	-0.03	0.29	1.99	70	4.75	39	90	70	0	1	4	0
PA SALEM	62	36	68	29	49	3	0.68	-0.23	0.39	2.08	62	5.11	37	98	73	0	4	4	0
PA ALLENTOWN	50	32	57	23	41	0	0.91	0.16	0.88	2.74	109	7.76	90	67	45	0	4	2	1
PA ERIE	43	26	53	14	35	-3	0.24	-0.46	0.12	1.38	61	5.49	81	84	50	0	6	2	0
PA MIDDLETOWN	51	33	56	27	42	-1	0.79	0.05	0.78	2.72	107	6.64	80	76	38	0	4	2	1
PA PHILADELPHIA	52	38	58	34	45	1	0.96	0.16	0.96	3.23	122	9.04	105	71	44	0	0	1	1
PA PITTSBURGH	49	29	52	21	39	-2	1.63	0.83	1.62	3.16	121	5.60	74	81	34	0	5	2	1
PA WILKES-BARRE	45	29	52	24	37	-2	0.38	-0.21	0.34	2.40	124	4.67	75	79	42	0	4	2	0
PA WILLIAMSPORT	49	30	56	21	40	0	0.81	0.08	0.81	2.58	105	4.95	64	78	39	0	4	1	1
RI PROVIDENCE	50	34	54	32	42	3	2.90	1.96	1.80	5.79	186	10.20	96	80	55	0	2	5	2
SC BEAUFORT	64	46	73	42	55	-5	1.52	0.58	1.19	3.35	103	6.37	62	86	48	0	0	3	1
SC CHARLESTON	64	44	74	42	54	-5	2.19	1.21	2.07	5.44	159	8.82	87	83	50	0	0	2	1
SC COLUMBIA	63	40	75	34	51	-6	1.03	-0.06	0.95	4.89	128	8.66	70	83	50	0	0	2	1
SD GREENVILLE	60	39	71	33	50	-3	1.87	0.65	1.73	4.71	111	10.03	79	71	31	0	0	2	1
SD ABERDEEN	33	19	40	11	26	-6	0.13	-0.21	0.08	0.39	41	1.68	93	91	81	0	7	3	0
SD HURON	34	20	39	8	27	-7	0.02	-0.39	0.02	0.30	24	3.98	172	92	79	0	7	1	0
SD RAPID CITY	47	25	61	15	36	0	0.04	-0.22	0.03	0.27	36	0.96	58	92	55	0	6	2	0
SD SIOUX FALLS	36	26	48	13	31	-4	0.01	-0.40	0.01	0.26	22	2.41	103	92	80	0	6	1	0
TN BRISTOL	56	32	65	28	44	-5	1.03	0.20	0.57	2.38	82	9.52	100	85	32	0	4	2	1
TN CHATTANOOGA	60	38	70	32	49	-3	2.02	0.65	1.35	4.82	102	14.94	104	87	49	0	1	3	2
TN KNOXVILLE	57	37	64	33	47	-3	0.16	-1.00	0.09	1.95	49	13.15	108	86	40	0	0	3	0
TN MEMPHIS	61	41	73	34	51	-4	0.00	-1.25	0.00	2.55	61	12.76	104	76	39	0	0	0	0
TX NASHVILLE	57	37	66	32	47	-5	1.12	0.00	1.10	2.63	70	14.37	129	86	41	0	1	2	1
TX ABILENE	65	41	78	32	53	-5	0.14	-0.17	0.13	0.99	97	4.76	148	84	65	0	1	2	0
TX AMARILLO	62	36	82	30	49	0	1.08	0.86	0.98	2.76	373	5.36	290	95	50	0	3	3	1
TX AUSTIN	67	40	77	32	54	-9	0.51	0.10	0.35	3.36	233	7.11	134	94	60	0	1	2	0
TX BEAUMONT	70	46	75	39	58	-5	0.29	-0.45	0.28	3.55	140	11.04	103	92	48	0	0	2	0
TX BROWNSVILLE	77	54	82	44	66	-4	0.02	-0.10	0.02	0.32	82	2.23	74	93	49	0	0	1	0
TX CORPUS CHRISTI	76	48	82	37	62	-5	0.13	-0.06	0.13	1.38	186	3.84	87	90	49	0	0	1	0
TX DEL RIO	74	48	86	39	61	-4	0.52	0.36	0.52	1.17	254	2.80	142	87	53	0	0	1	1
TX EL PASO	74	44	83	35	59	3	0.00	-0.06	0.00	0.41	171	0.71	68	46	14	0	0	0	0
TX FORT WORTH	65	44	76	35	55	-3	2.51	1.86	2.49	4.28	205	12.89	211	93	57	0	0	2	1
TX GALVESTON	68	52	73	46	60	-3	0.02	-0.48	0.01	2.53	149	9.20	127	86	51	0	0	2	0
TX HOUSTON	71	45	78	39	58	-4	0.02	-0.64	0.02	5.28	233	10.35	121	92	49	0	0	1	0
TX LUBBOCK	65	39	82	33	52	-1	0.59	0.40	0.59	2.27	344	4.24	245	92	61	0	0	1	1
TX MIDLAND	69	40	84	32	55	-2	0.10	-0.04	0.09	0.22	47	2.34	157	79	51	0	1	2	0
TX SAN ANGELO	68	40	83	31	54	-6	0.31	0.11	0.19	0.80	119	4.26	168	88	56	0	1	2	0
TX SAN ANTONIO	69	44	78	34	56	-7	0.55	0.21	0.55	2.53	220	6.08	130	96	53	0	0	1	1
TX VICTORIA	72	45	80	37	59	-6	0.19	-0.15	0.09	3.11	266	6.16	116	94	52	0	0	4	0
TX WACO	66	45	77	36	56	-4	0.21	-0.33	0.18	3.79	215	9.22	168	88	57	0	0	3	0
TX WICHITA FALLS	64	42	76	34	53	-2	0.06	-0.47	0.05	0.76	46	5.63	136	86	56	0	0	2	0
UT SALT LAKE CITY	62	42	65	37	52	9	0.00	-0.46	0.00	0.97	67	3.25	86	78	46	0	0	0	0
VT BURLINGTON	40	26	48	19	33	0	1.54	1.01	0.95	3.76	225	6.28	123	87	56	0	7	3	1
VA LYNCHBURG	57	34	71	25	46	-2	1.93	1.14	1.00	3.83	141	7.95	92	76	34	0	2	4	2
VA NORFOLK	58	39	73	33	49	-1	1.71	0.88	1.39	3.21	110	6.83	67	84	47	0	0	3	1
VA RICHMOND	59	35	74	29	47	-3	1.16	0.34	0.91	2.49	88	7.10	77	78	44	0	2	2	1
VA ROANOKE	56	35	69	26	46	-2	0.90	0.10	0.62	2.06	76	4.75	57	61	38	0	1	3	1
VA WASH/DULLES	54	31	63	20	43	-2	1.28	0.56	1.04	2.49	102	6.70	84	76	47	0	4	2	1
WA OLYMPIA	58	31	64	24	45	1	0.86	-0.22	0.66	1.92	49	8.01	45	96	75	0	4	4	1
WA QUILLAYUTE	52	34	58	26	43	-1	1.91	-0.61	0.95	5.27	58	20.08	56	98	77	0	4	5	2
WA SEATTLE-TACOMA	55	39	63	34	47	1	0.79	0.01	0.58	1.81	64	6.58	54	89	71	0	0	3	1
WA SPOKANE	55	31	63	27	43	3	0.12	-0.21	0.12	0.84	71	2.13	46	79	38	0	5	1	0
WA YAKIMA	63	29	69	22	46	2	0.08	-0.06	0.04	0.18	33	1.06	43	78	40	0	4	2	0
WV BECKLEY	46	29	53	23	38	-6	0.53	-0.24	0.41	1.85	71	6.05	71	88	62	0	5	4	0
WV CHARLESTON	52	31	63	23	42	-6	0.60	-0.23	0.45	2.70	96	7.03	80	87	39	0	4	4	0
WV ELKINS	48	25	55	14	36	-5	0.86	-0.02	0.63	2.35	80	7.61	84	88	39	0	5	4	1
WV HUNTINGTON	52	32	62	28	42	-6	0.71	-0.14	0.50	2.83	99	6.55	76	82	33	0	4	3	1
WI EAU CLAIRE	38	17	46	9	27	-5	0.08	-0.35	0.05	0.93	77	2.54	87	93	54	0	7	2	0
WI GREEN BAY	42	23	46	18	32	0	0.01	-0.49	0.01	0.32	21	2.77	75	86	50	0	7	1	0
WI LA CROSSE	42	21	48	14	32	-3	0.00	-0.49	0.00	0.74	51	2.92	89	88	45	0	7	0	0
WI MADISON	45	22	52	18	34	-1	0.00	-0.54	0.00	0.33	21	3.96	106	86	49	0	7	0	0
WI MILWAUKEE	43	25	47	19	34	-1	0.00	-0.65	0.00	0.57	29	5.16	103	80	51	0	7	0	0
WI CASPER	52	25	61	20	39	4	0.01	-0.22	0.01	0.11	16	0.81	44	84	50	0	7	1	0
WI CHEYENNE	51	30	64	21	40	5	0.07	-0.18	0.04	0.71	93	1.45	94	77	49	0	4	3	0
WI LANDER	56	30	63	23	43	7	0.00	-0.29	0.00	0.17	21	0.85	46	63	44	0	5	0	0
WI SHERIDAN	50	26	64	24	38	3	0.03	-0.21	0.03	0.14	20	1.38	67	80	53	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 were incomplete.

National Agricultural Summary

March 19 - 25, 2001

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Cool, wet weather prevented fieldwork in the Southeast and on the Atlantic Coastal Plain. Most precipitation provided beneficial moisture, especially in Florida and along the Gulf and Atlantic coasts. However, moisture shortages remained in parts of Florida, and moisture surpluses existed in inland areas of the Southeast. In the southern Great Plains, late-week showers and isolated heavy

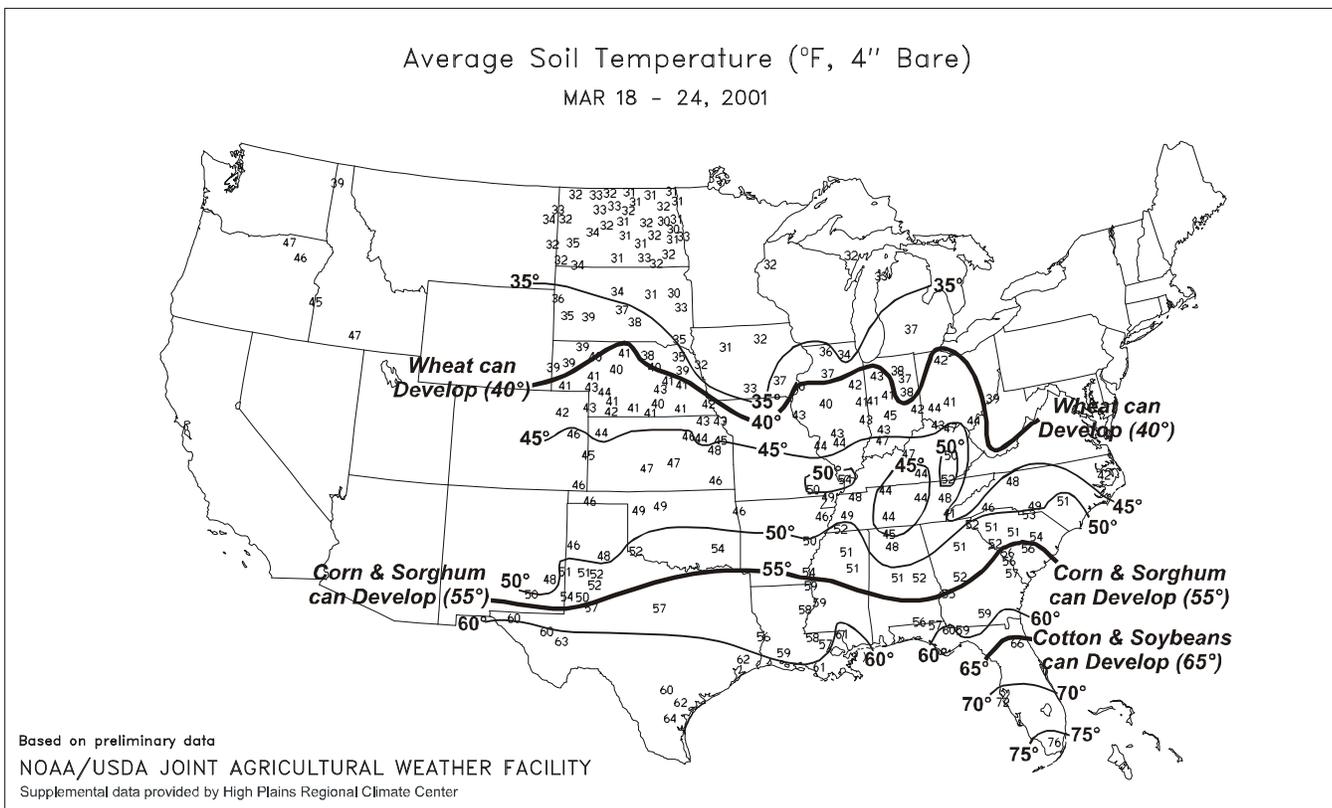
downpours ended a brief dry period. The central and northern Great Plains, Corn Belt, and Southwest were mostly dry. Above-normal temperatures prevailed from the High Plains to the Pacific coast. The unseasonably warm weather stimulated vegetative growth in California, but winter wheat remained dormant in the northern Great Plains due to cold overnight temperatures.

Florida's citrus region received soaking rains that promoted abundant new growth and temporarily eased irrigation needs. However, soil moisture reserves remained short in most areas. The bloom season was nearly ended. Field preparations for spring crops resumed after early-week rain delays. A few growers planted corn. Winter forages began heading even though temperatures were cooler than normal.

grains continued, although cool overnight temperatures limited vegetative growth. Winter wheat was 4 percent headed in Texas, slightly ahead of normal. In Oklahoma, development lagged well behind normal, with 20 percent jointed compared with the average of 54 percent. In Kansas, a few isolated wheat fields were at the jointing stage, but development was far behind last year's pace.

In the southern Great Plains, a favorably drier weather pattern, accompanied by warm daytime temperatures, reduced moisture surpluses and aided fieldwork early in the week. However, late-week showers halted tillage across parts of northern and eastern Texas. Corn and rice plantings lagged behind the 5-year average in Texas and Louisiana. Texas' cotton and soybean plantings were slightly ahead of normal. Development of small

Temperatures averaging well above normal stimulated development of California's winter grains and forage crops. The warm, sunny weather also accelerated growth and facilitated pollination in orchards and vineyards. Cotton and corn planting began in areas with light soils. Many fruit trees were in full bloom and early varieties were setting fruit.



International Weather and Crop Summary

March 18 - 24, 2001

International Weather and Crop Highlights and Summaries provided by USDA/WAOB

HIGHLIGHTS

EUROPE: Rainfall in southeastern Europe benefited winter grains, while wet weather in northwestern Europe delayed fieldwork.

FSU-WESTERN: A frontal passage brought cooler weather to the region, halting further greening of winter wheat in Ukraine and southern Russia.

MIDDLE EAST: Light to moderate showers covered Turkey's winter wheat areas, although unseasonable warmth maintained high crop moisture requirements.

AUSTRALIA: Rain benefited pastures and immature summer crops across the southeast, but drier weather favored maturing cotton farther north.

SOUTH AFRICA: Locally heavy rain soaked filling summer crops throughout the corn belt.

EASTERN ASIA: Across the North China Plain, seasonably warm, dry weather favored vegetative winter wheat, while widespread rain boosted moisture supplies across southern China.

SOUTHEAST ASIA: Heavy showers slowed fieldwork throughout Indochina, Malaysia, and Java, Indonesia.

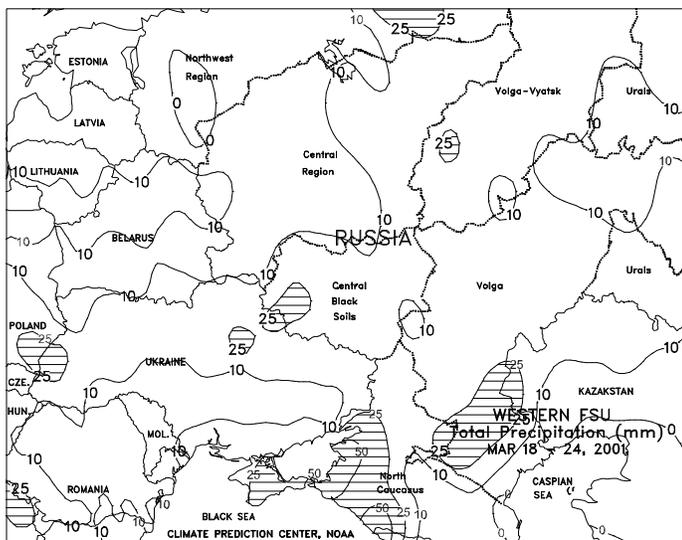
SOUTH AMERICA: Widespread showers boosted soil moisture for filling crops in Argentina, but otherwise slowed harvesting in Argentina and southern Brazil.

NORTHWESTERN AFRICA: Moisture conditions continued to deteriorate for winter grains entering reproduction.



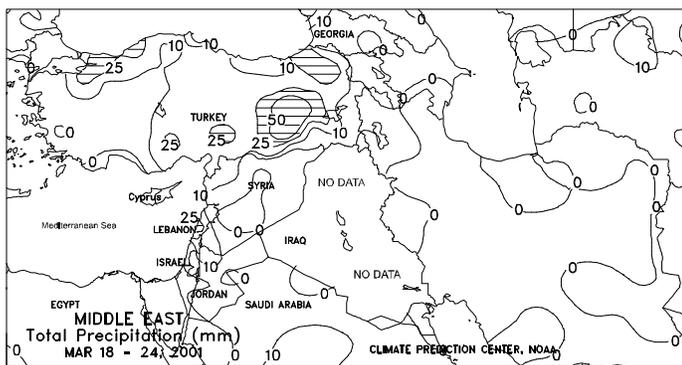
EUROPE

Moderate precipitation (25-75 mm) in southern England, most of France, the Benelux countries, and Germany delayed early summer crop planting and caused localized flooding. Lighter precipitation (10-40 mm) fell across northeastern Europe, maintaining adequate moisture supplies for dormant winter grains and oilseeds. In southeastern Europe, light to moderate rain (10-40 mm) benefited vegetative winter wheat and barley. Continued widespread soaking rains are needed during the upcoming months to improve moisture supplies and ensure adequate crop development. Farther west, dry weather in Italy, southern France, and much of the Iberian peninsula encouraged spring fieldwork. Moderate to locally heavy rain (25-75 mm or more) in northern Portugal and northwestern Spain, however, prevented fieldwork. Unseasonably warm weather (temperatures 2-7 degrees C above normal) continued in the southern two-thirds of Europe, spurring development of vegetative winter grains. Maximum temperatures ranged from 24 to 32 degrees C in extreme southern France, eastern Spain, central and southern Italy, and Greece, increasing evaporative losses. Farther north, near- to below-normal temperatures (as much as 4 degrees C below normal) prevailed. Winter grains remained dormant across northern England, southern Scandinavia, northern Germany, the Czech Republic, and Poland.



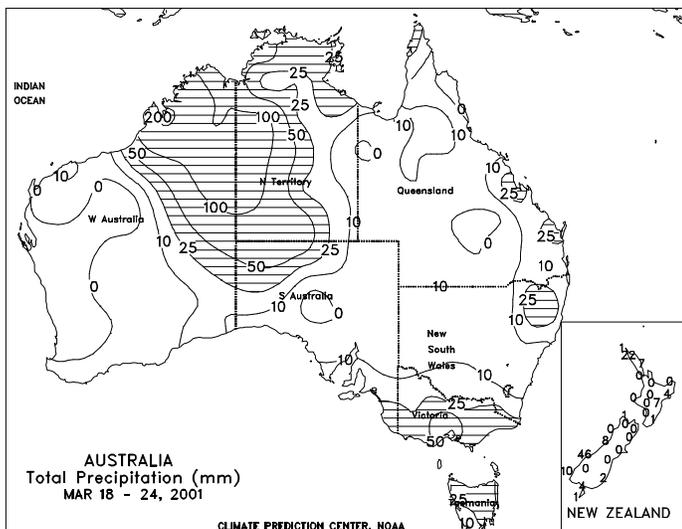
FSU-WESTERN

After an extended period of unseasonably mild weather, a frontal system pushed southeastward through most of the region, ushering in cooler weather. The cooler weather halted further greening of winter wheat in Ukraine and southern Russia, and slowed additional melting of the deep snow cover in northern Russia. Widespread, light precipitation (4-25 mm) accompanied the cooler weather in Ukraine and southern Russia, favoring winter wheat and increasing topsoil moisture for early spring grain planting. The greatest amounts of rain (25-58 mm) fell in Crimea and parts of southern Russia (western North Caucasus region and the lower Volga Valley). Recent reports from Ukraine indicated that spring crop planting was increasing. Farther north, snow (4-25 mm of liquid equivalent) spread from Belarus eastward across northern Russia early in the week, providing a fresh snow cover. Weekly temperatures averaged 1 to 5 degrees C below normal in the Baltics, Belarus, and extreme northern Russia, where extreme minimum temperatures ranged from -15 to -10 degrees C. Weekly temperatures averaged 2 to 6 degrees C above normal in Ukraine and southern Russia.



MIDDLE EAST

In western Turkey, light to moderate showers (5-22 mm or less) overspread winter wheat areas of the Anatolian Plateau, with the heavier amounts recorded in the easternmost growing areas. Somewhat heavier showers (10-25 mm or more) boosted moisture reserves in summer crop areas along the Black Sea Coast, but rainfall remained unseasonably light in the southwest, including primary cotton areas. An active storm track continued over eastern Turkey, with moderate to heavy rain (10-50 mm or more) benefiting reproductive to filling winter wheat and further improving reservoir levels and spring streamflow potential. Light showers (15 mm or less in most areas) also continued in Israel and Syria, maintaining generally favorable conditions for developing winter crops. However, temperatures throughout the eastern Mediterranean region continued to average 4 to 6 degrees C above normal, accelerating wheat development and increasing crop moisture demands. Farther east, mostly warm, dry weather covered Iran, although satellite imagery depicted light showers in northern sections of Iraq. Rain is needed soon, especially in Iran, to prevent significant declines in yield potential in non-irrigated winter crops.

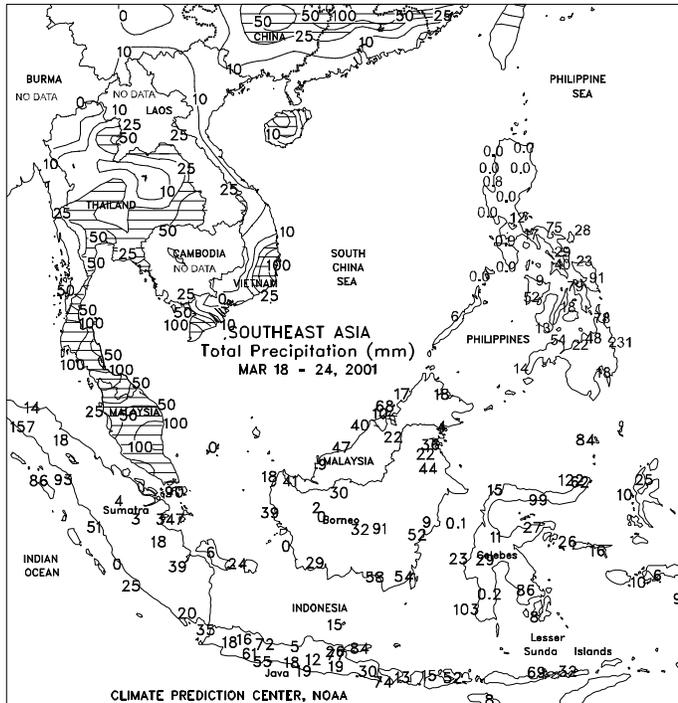
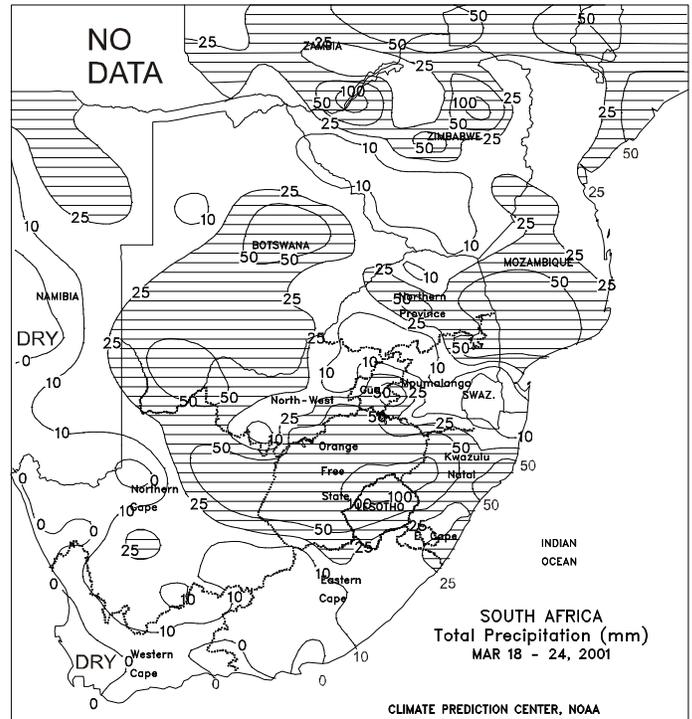


AUSTRALIA

Light to moderate rain (5-25 mm or more) swept across the southeast (South Australia, Victoria, and southern New South Wales), increasing moisture reserves for pastures and immature field crops. Farther north, drier weather returned to the interior summer crop areas of southern Queensland and northern New South Wales, with isolated, light showers (less than 10 mm) confined to eastern growing areas. Above-normal temperatures aided summer crop maturation and harvesting, and helped dry down of maturing cotton. Along the coast, moderate showers (25-50 mm) improved local moisture levels for developing sugarcane. Dry, albeit cooler-than-normal weather aided fieldwork in Western Australia. In New Zealand, mostly dry weather continued in the main agricultural districts.

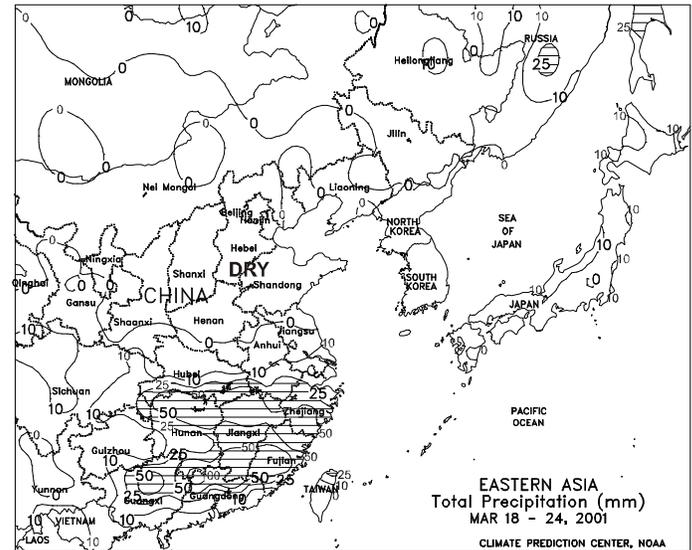
SOUTH AFRICA

Moderate to heavy rain (25-50 mm or more) soaked filling summer crops across the corn belt. While arriving late in the growing season, the moisture was beneficial for late-planted corn and helped to improve prospects for wheat germination during April and May. However, some flooding was likely along the Orange River due to the breadth of the heavy rain, which extended well into Northern Cape. The rain also covered the main sugarcane areas of KwaZulu-Natal, although lighter showers (5-25 mm) were recorded in the growing regions bordering Swaziland. Light rain also fell in the main agricultural areas of Western and Eastern Cape, with showers reaching marginal grazing areas in southern sections of Northern Cape.



SOUTHEAST ASIA

Unseasonably heavy showers (10-70 mm) fell across much of Thailand, boosting moisture supplies for the upcoming main-season rice season, but slowing second-season rice maturation. Heavy showers (10-100 mm) in Java, Indonesia maintained moisture supplies. In peninsular Malaysia, heavy showers (15-100 mm) boosted moisture supplies, but hampered fieldwork. Unseasonably heavy showers (10-100 mm) in southern Vietnam slowed winter-spring rice harvesting in the Mekong Delta. Somewhat drier weather (10-50 mm, with isolated amounts greater than 75 mm) eased wetness in the east-central Philippines. However, wet weather (50-200 mm) continued to cause local flooding in Mindanao.

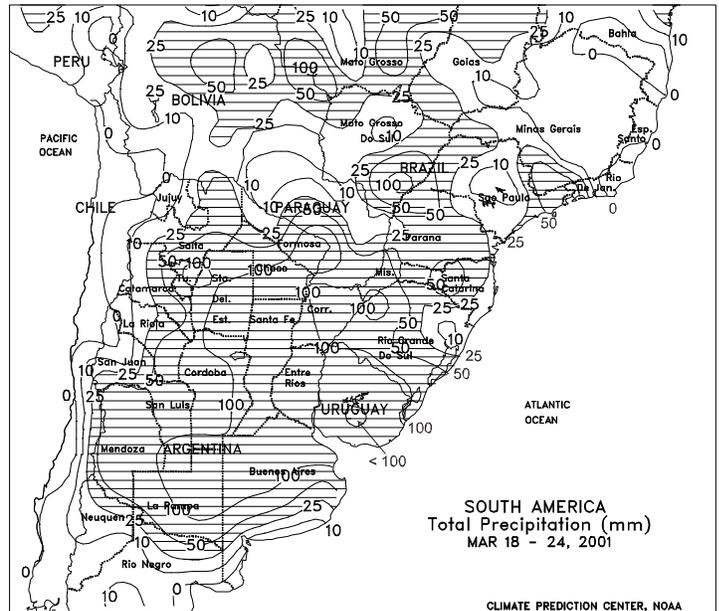


EASTERN ASIA

Seasonably warm, dry weather prevailed across the North China Plain, favoring vegetative winter wheat. Adequate moisture supplies are available for supplemental irrigation. Maximum temperatures reached the mid- to upper 20's degrees C during midweek. In southern Manchuria (Liaoning), soil temperatures should be warm enough for field preparation. Widespread rain (15-60 mm or more) covered most of southern China (Yangtze Valley southward), boosting moisture supplies for winter crops and upcoming early rice transplanting. Temperatures averaged 3 to 7 degrees C above normal across eastern China and 2 to 4 degrees C above normal in Manchuria.

SOUTH AMERICA

Throughout the week, moderate to heavy showers (60-150 mm or more) covered the main summer crop-growing areas of Argentina. These showers boosted soil moisture for filling second-crop soybeans, but otherwise slowed summer crop harvesting. Soil moisture should be adequate for filling summer crops to reach maturity without significant stress. In northern Argentina, heavy showers (100-180 mm) benefited late-planted cotton, but delayed harvesting for early-planted cotton. Temperatures averaged 2 to 4 degrees C below normal across central Argentina and 1 to 2 degrees C above normal across northern Argentina. According to the Argentine Agricultural Secretariat as of March 16, corn was 12 percent harvested nationwide, compared with 17 percent last year. In Cordoba, Entre Rios, and Santa Fe, corn was 14, 59, and 24 percent harvested, respectively. Sunflowers were 37 percent harvested nationwide, compared with 63 percent last year. Soybean harvesting was just beginning in Cordoba and Santa Fe, with 2 percent harvested nationwide. In Brazil, moderate to heavy showers (45-125 mm) fell in western Rio Grande do Sul, Parana, and southern Mato Grosso do Sul, slowing soybean and corn harvesting. Scattered showers (10-50 mm) also slowed soybean harvesting in Mato Grosso, but drier weather (less than 25 mm) aided fieldwork in Goias and Minas Gerais. Light to moderate showers (5-50 mm) fell across northern Sao Paulo and southern Minas Gerais, favoring coffee and sugarcane.



NORTHWESTERN AFRICA

Little or no rainfall, along with maximum temperatures in the low to mid 30's degrees C, further stressed winter grains. Northern Morocco has been dry for 2 weeks, while southern Morocco has had almost no precipitation since early January. In Algeria and Tunisia, little rainfall has occurred for the last 3 to 4 weeks. Temperatures have averaged 2 to 4 degrees C above normal over the last 2 months throughout the region, producing drought conditions. Winter grains are in or are entering the moisture-sensitive heading stage. Moisture is necessary within the next several weeks to prevent further declines in yield prospects.

