

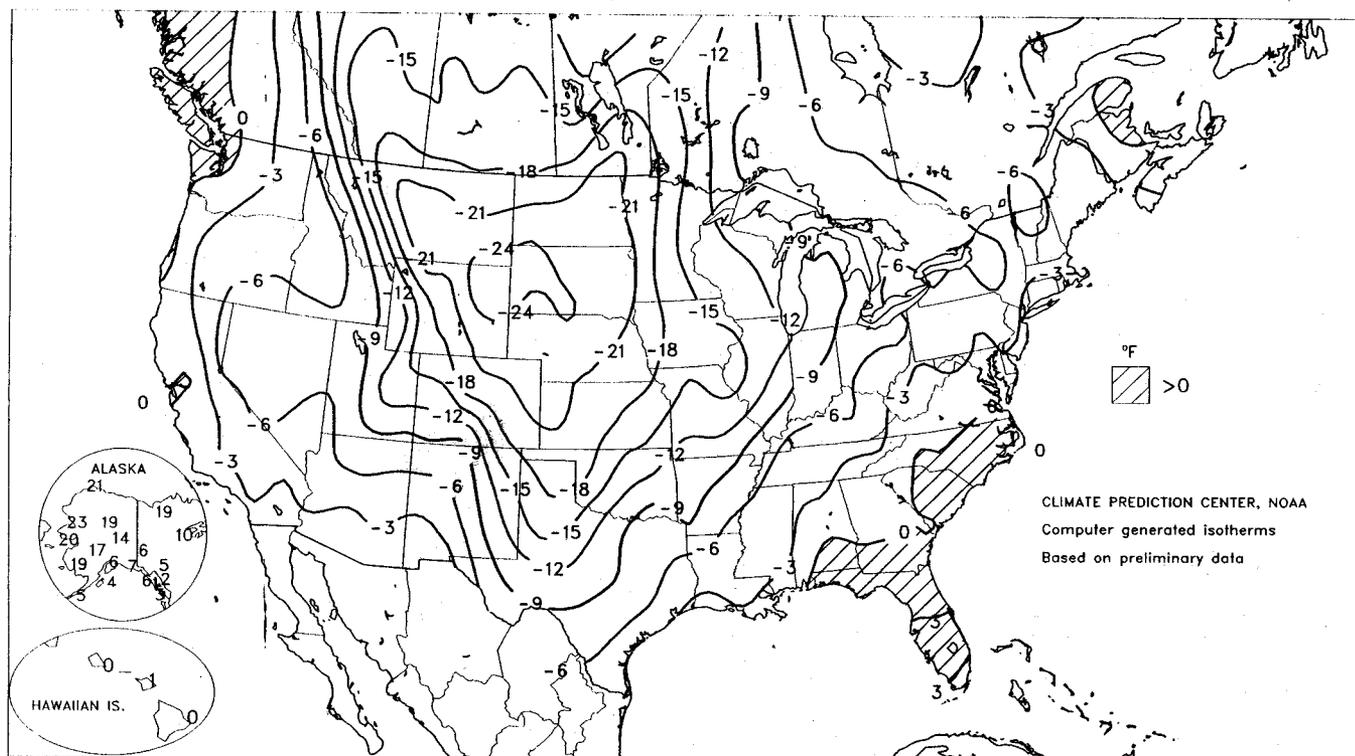
WEEKLY WEATHER AND CROP BULLETIN

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

Departure of Average Temperature from Normal (°F)

APR 6 - 12, 1997



HIGHLIGHTS

April 6 - 12, 1997

A formidable high-pressure system chilled the Nation, causing probable damage to jointing- to heading-stage winter wheat from southern Kansas to northern Texas on April 11-13. More than 300 daily-record lows were reported during the cold snap, and weekly temperatures averaged 10 to 25°F below normal throughout the Plains and Midwest. Despite the chill, major to record flooding--complicated by ice congestion--continued in the Red and upper Mississippi River basins. The James River began to recede at most gauging points. Cooler-than-normal conditions also encompassed the rest of the Nation, except Florida, where

(Continued on page 5)

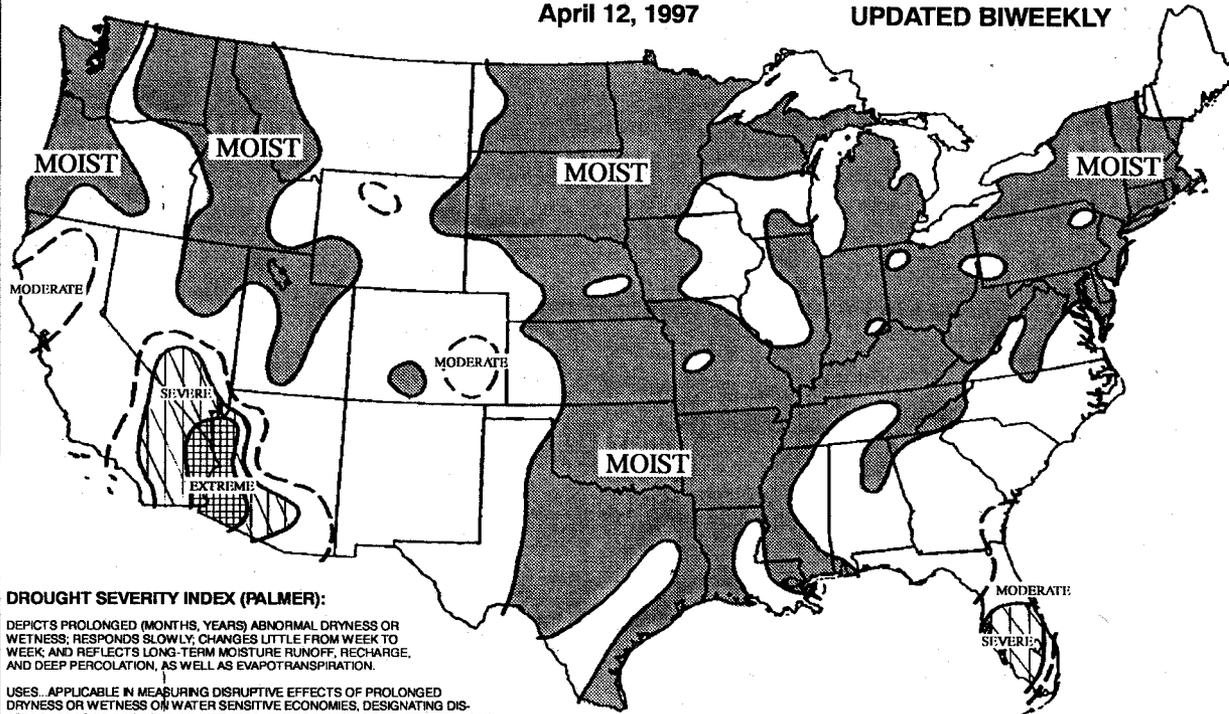
Contents

Palmer Drought Maps	2
Total Precipitation & Precipitation Needed to End Drought Maps ..	3
Extreme Maximum & Minimum Temperature Maps	4
Soil Temperature & Snow Cover Maps	6
Spring Flood Update (through April 14)	7
National Weather Data for Selected Cities	8
National Agricultural Summary	11
Crop Progress and Condition Tables	12
Record Cold in the Winter Wheat Region ...	13
State Agricultural Summaries	14
International Weather and Crop Summary & March Temperature/Precipitation Table	19
Subscription Information & Cold, Snowy April Weather	24

DROUGHT SEVERITY
(LONG TERM PALMER)

April 12, 1997

UPDATED BIWEEKLY



DROUGHT SEVERITY INDEX (PALMER):

DEPICTS PROLONGED (MONTHS, YEARS) ABNORMAL DRYNESS OR WETNESS; RESPONDS SLOWLY; CHANGES LITTLE FROM WEEK TO WEEK; AND REFLECTS LONG-TERM MOISTURE RUNOFF, RECHARGE, AND DEEP PERCOLATION, AS WELL AS EVAPOTRANSPIRATION.

USES... APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED DRYNESS OR WETNESS ON WATER SENSITIVE ECONOMIES, DESIGNATING DISTRESS AREAS OF DROUGHT OR WETNESS; AND REFLECTING THE GENERAL LONG-TERM STATUS OF WATER SUPPLIES IN AQUIFERS, RESERVOIRS, AND STREAMS.

LIMITATIONS... IS NOT GENERALLY INDICATIVE OF SHORT-TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).

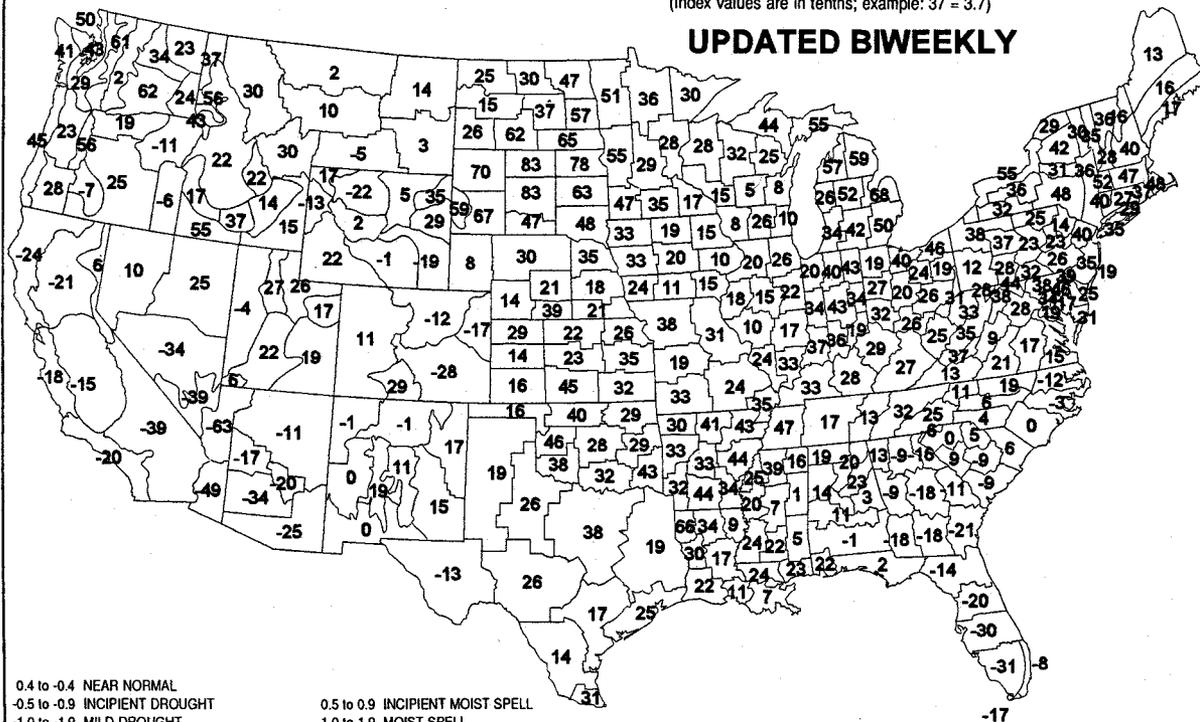
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY Based on preliminary reports

DROUGHT SEVERITY INDEX BY DIVISION
(LONG TERM, PALMER)

April 12, 1997

(Index values are in tenths; example: 37 = 3.7)

UPDATED BIWEEKLY



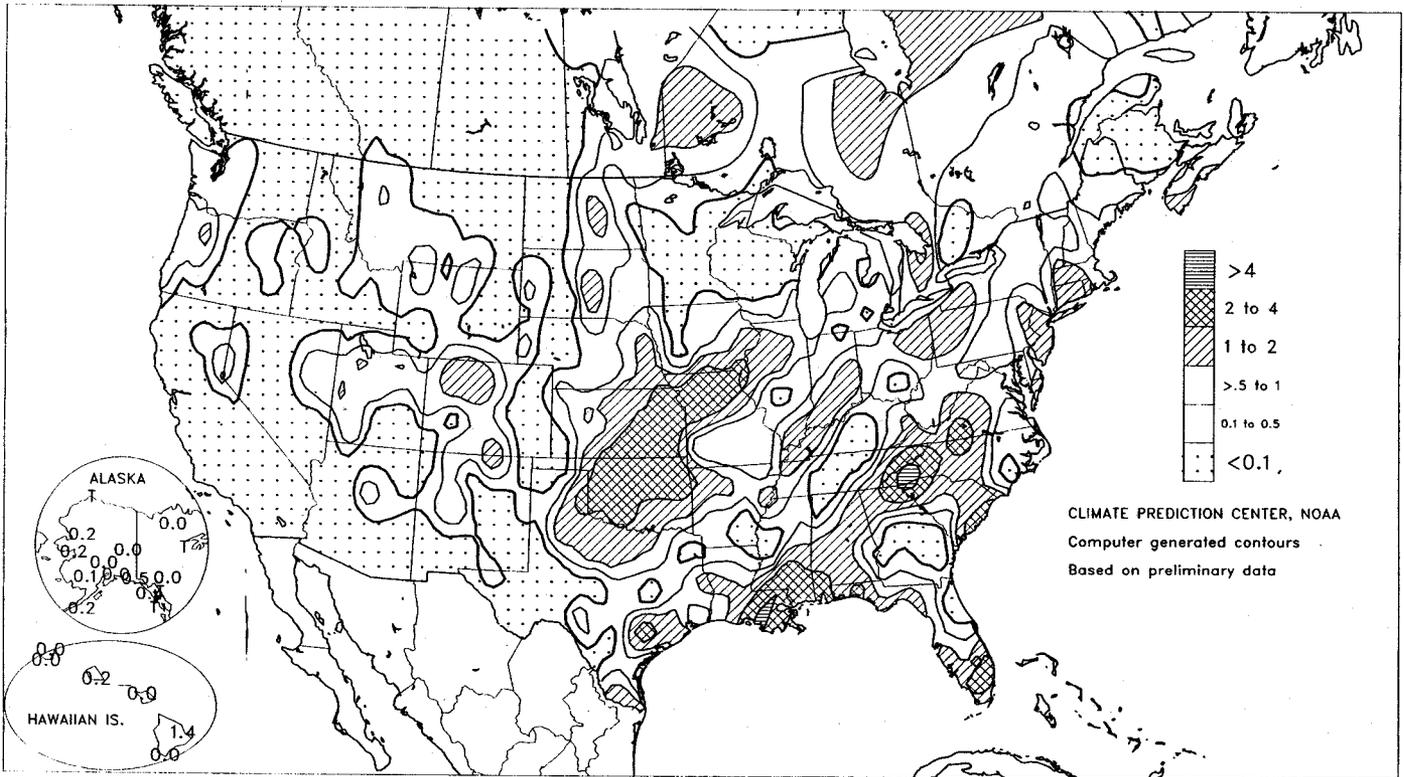
- 0.4 to -0.4 NEAR NORMAL
- 0.5 to -0.9 INCIPIENT DROUGHT
- 1.0 to -1.9 MILD DROUGHT
- 2.0 to -2.9 MODERATE DROUGHT
- 3.0 to -3.9 SEVERE DROUGHT
- BELOW -4.0 EXTREME DROUGHT

- 0.5 to 0.9 INCIPIENT MOIST SPELL
- 1.0 to 1.9 MOIST SPELL
- 2.0 to 2.9 UNUSUAL MOIST SPELL
- 3.0 to 3.9 VERY MOIST SPELL
- ABOVE 4.0 EXTREME MOIST SPELL

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY Based on preliminary reports

Total Precipitation (Inches)

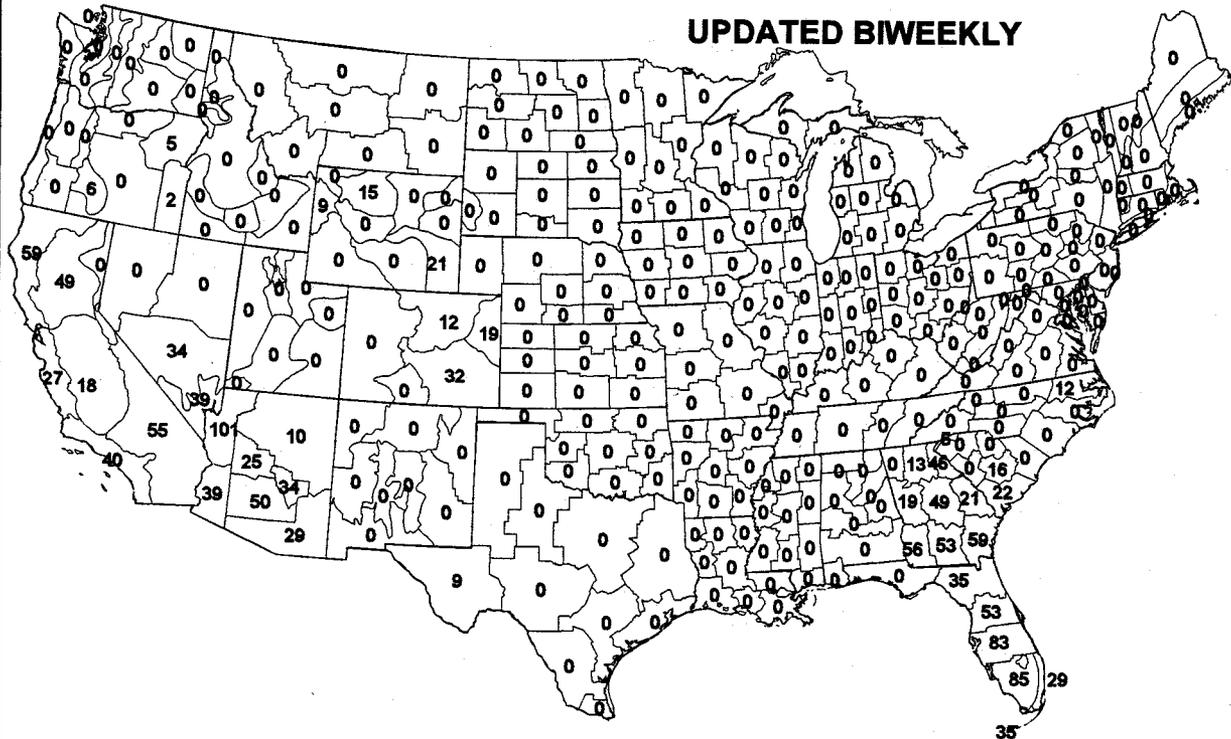
APR 6 - 12, 1997



ADDITIONAL PRECIPITATION NEEDED TO BRING INDEX NEAR ZERO
 (LONG TERM, PALMER)
April 12, 1997

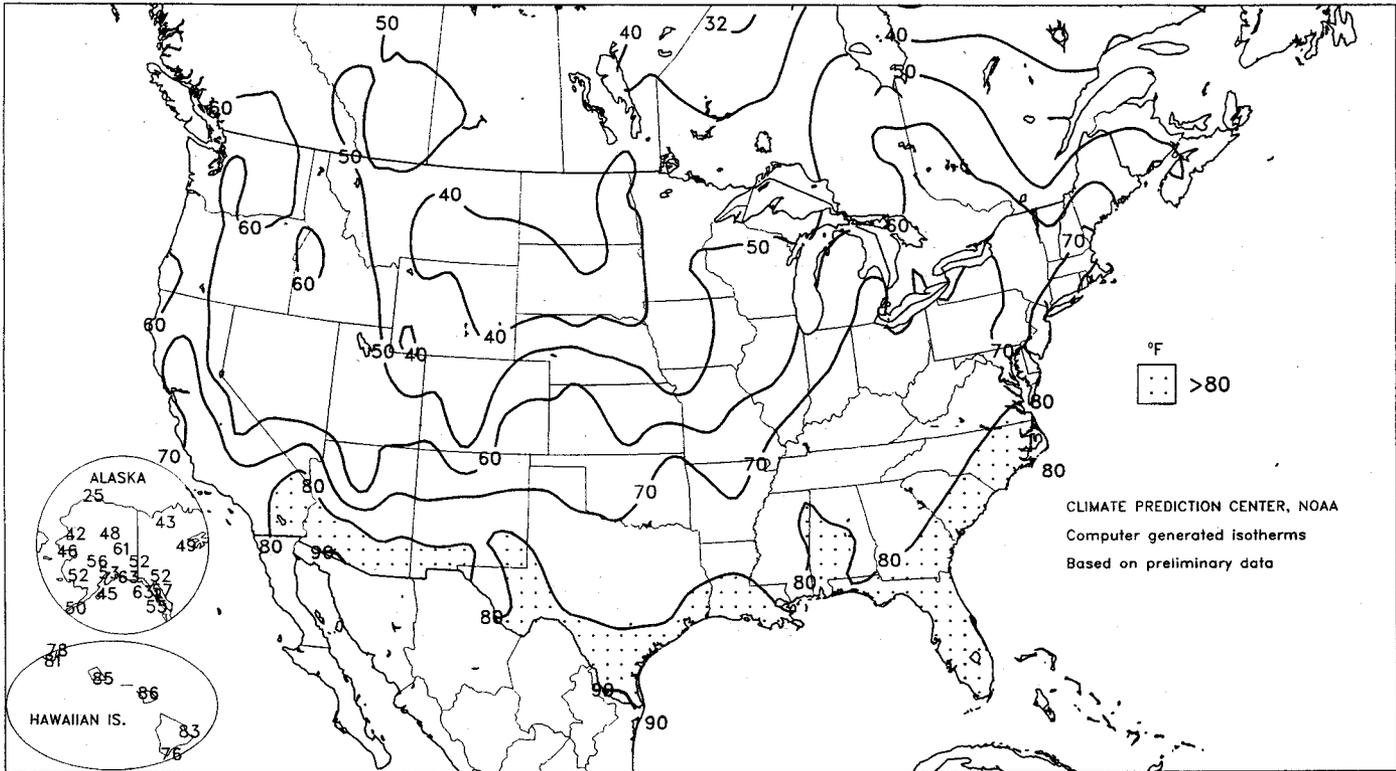
(Index values are in tenths; example: 37 = 3.7)

UPDATED BIWEEKLY



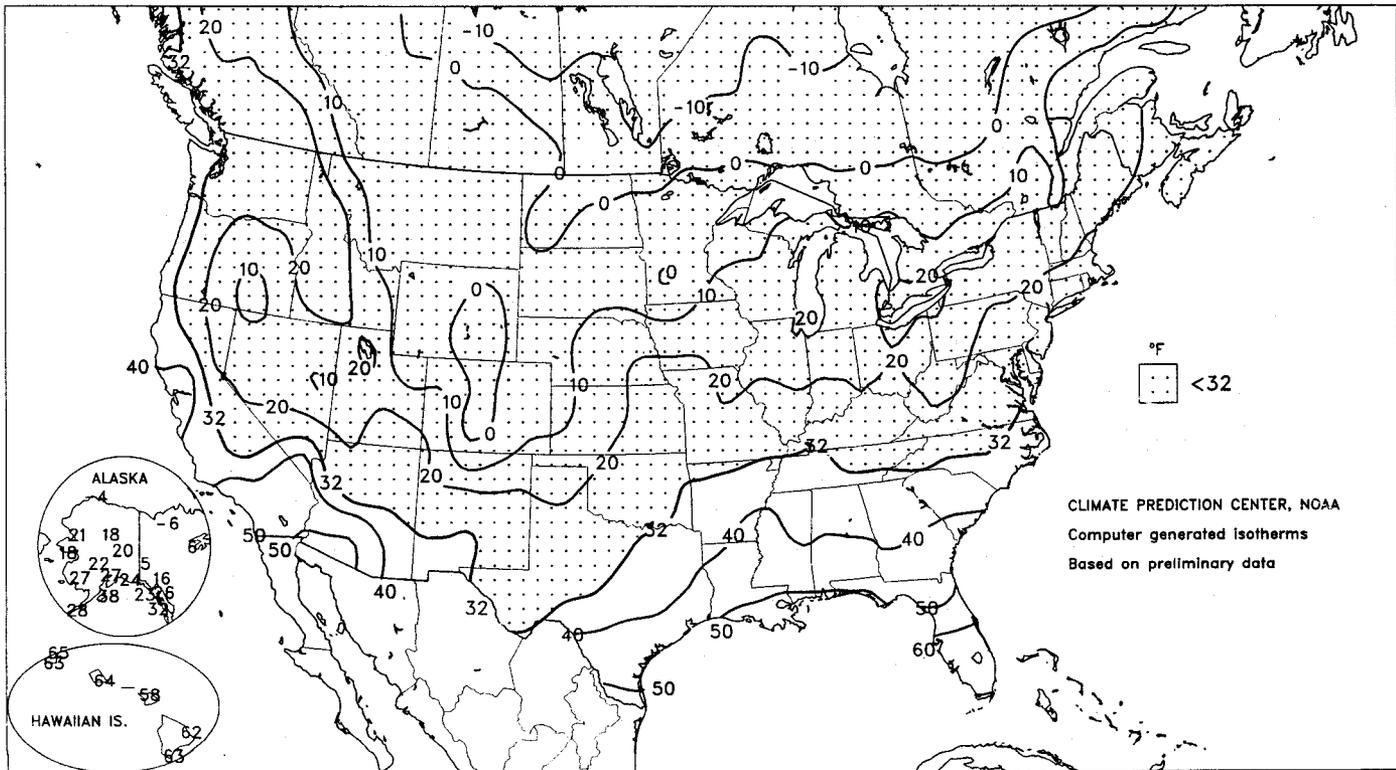
Extreme Maximum Temperature (°F)

APR 6 - 12, 1997



Extreme Minimum Temperature (°F)

APR 6 - 12, 1997

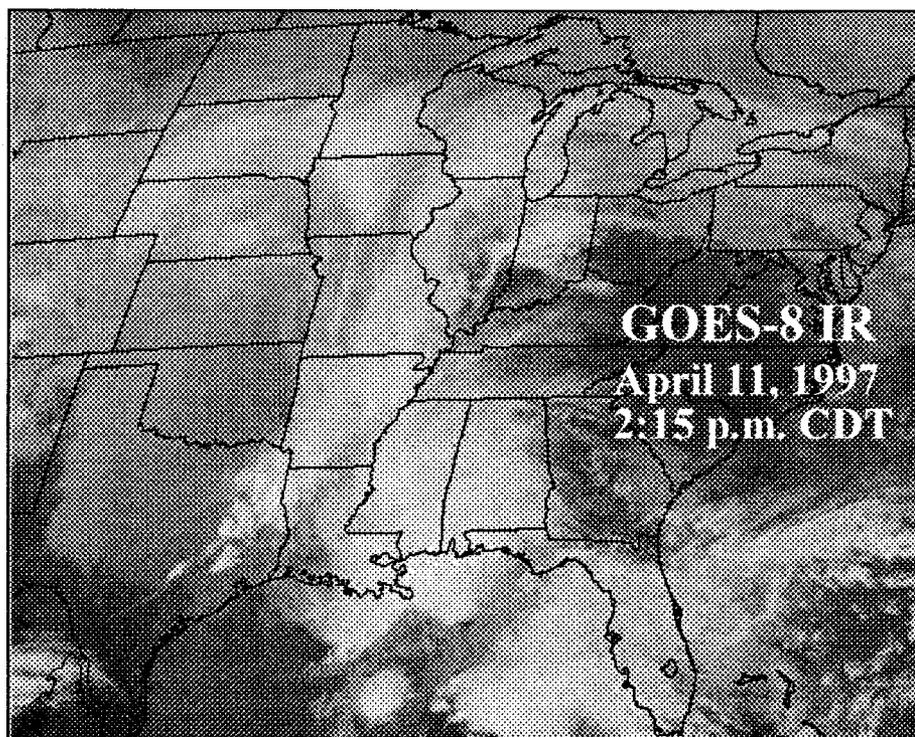


(Continued from front cover)

temperatures averaged up to 5°F above normal. After midweek, significant moisture overran cold air near the Earth's surface, resulting in significant snow accumulations from the **central Plains** into the **Midwest**. Heavy rains further boosted topsoil moisture from **southern Kansas** to **northern Texas**. Farther east, scattered showers allowed for beneficial drying in some areas from **southern Texas** to the **lower Ohio Valley**, but heavy rainfall soaked the **lower Delta region**. Late in the week, rain spread into the **East**. Scattered thunderstorms provided much-needed moisture to parts of the **Southeast**.

Early in the week, blizzard conditions continued across the **North Central States**. Storm-total snowfall wound up at 17.3 inches in **Bismarck, ND**, 13.8 inches in **Billings, MT**, and 11.8 inches in **Casper, WY**. Seasonal snowfall records were eclipsed in both **Bismarck** (91.8 inches in 1993-94) and **Billings** (93.8 inches in 1954-55). Rain plus melted-snow totals reached 4.04 inches in **Rapid City, SD** and 2.88 inches in **Fargo, ND**. On Sunday, wind chill temperatures dipped into the -20 to -35°F range across the **northern Plains** and **upper Midwest**. Peak wind gusts were clocked to 76 mph in **Kenosha, WI**, 70 mph in **Huron, SD**, 68 mph in **Davenport, IA**, 64 mph in **Rockford, IL**, and 62 mph in **Muskegon, MI**. A gust to 56 mph in **Des Moines, IA** was their highest since October 29, 1996.

Very cold weather prevailed in the storm's wake. On Sunday, a freeze across the **interior Northwest** resulted in daily-record lows in locations such as **Yakima, WA** (23°F) and **Pendleton, OR** (27°F). By Tuesday, temperatures on the **northern Plains** dipped to -8°F in **Dickinson, ND** and 6°F in **Aberdeen, SD**. A day later, April-record lows were tied in **Champaign, IL** (16°F) and **Indianapolis, IN** (18°F). An April record of 15°F was established in **Cincinnati, OH**. Cold air rushed into the **Middle Atlantic region** by Thursday, threatening fruit-tree blooms. In **Virginia**, lows dipped to 23°F in **Sterling** and 21°F in **Harrisonburg**.



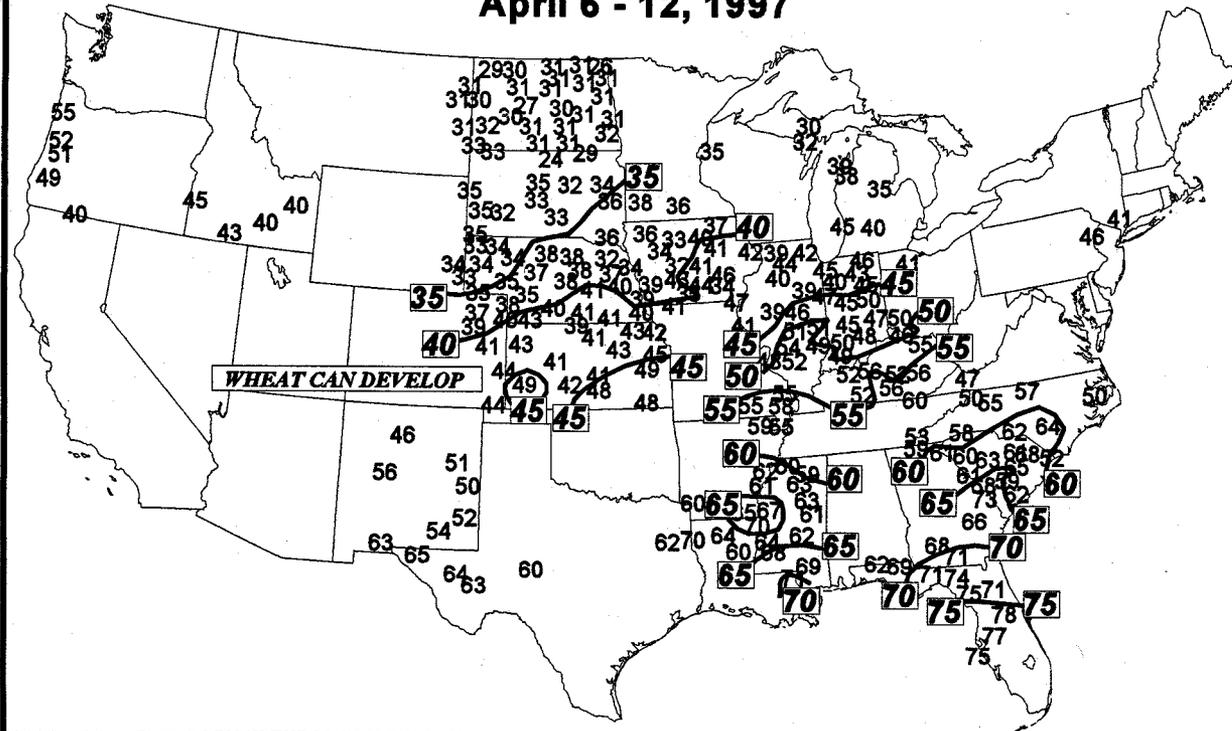
Meanwhile, very warm conditions dominated **Alaska**, where weekly temperatures across the west and north averaged more than 20°F above normal. On April 6, **Fairbanks'** high of 61°F was their earliest 60-degree reading on record, and one of five daily-record highs during the week. Other locations noting daily records included **Juneau** (56°F on Monday) and **Yakutat** (63°F on Thursday). Heavy rain fell across extreme **southern Alaska**, where **Kodiak** tallied a record 24-hour rainfall for the month (2.99 inches on April 9), breaking their record set just 5 days earlier.

As early as Tuesday, snow developed on parts of the **central Plains**. In **Wichita, KS**, a 2.0-inch accumulation was their latest in the season since 1973. Snowfall intensified later in the week, overspreading the **central Plains** and the **Midwest** in two waves between April 9 and 12. On Thursday, 4.1 inches blanketed **St. Louis, MO**, their fifth-greatest April snowstorm. April snowfall records were established in **Omaha, NE** (13.8 inches), **Moline, IL** (13.3 inches), and **Lincoln, NE** (11.1 inches). The two-part storm boosted monthly snowfall to 22.2 inches in **Scottsbluff, NE**, 52 percent (%) of their seasonal total. Farther south, the system raised April 1-12 rainfall to 10.86 inches (1,429%) in **Victoria, TX**, 6.14 inches (294%) in **Baton Rouge, LA**, 3.67 inches (408%) in **Wichita, KS**, and 2.83 inches (295%) in **Oklahoma City, OK**.

In the storm's wake, late-week temperatures again plummeted on the **Plains**. Highs on Friday were the lowest on record in April at **Goodland, KS** (20°F) and **Colorado Springs, CO** (22°F). In **Texas**, **Amarillo's** high of 29°F was second only to a high of 27°F on April 12, 1957. A day later in **Missouri**, **Springfield's** high of 36°F was their lowest in April since 1916.

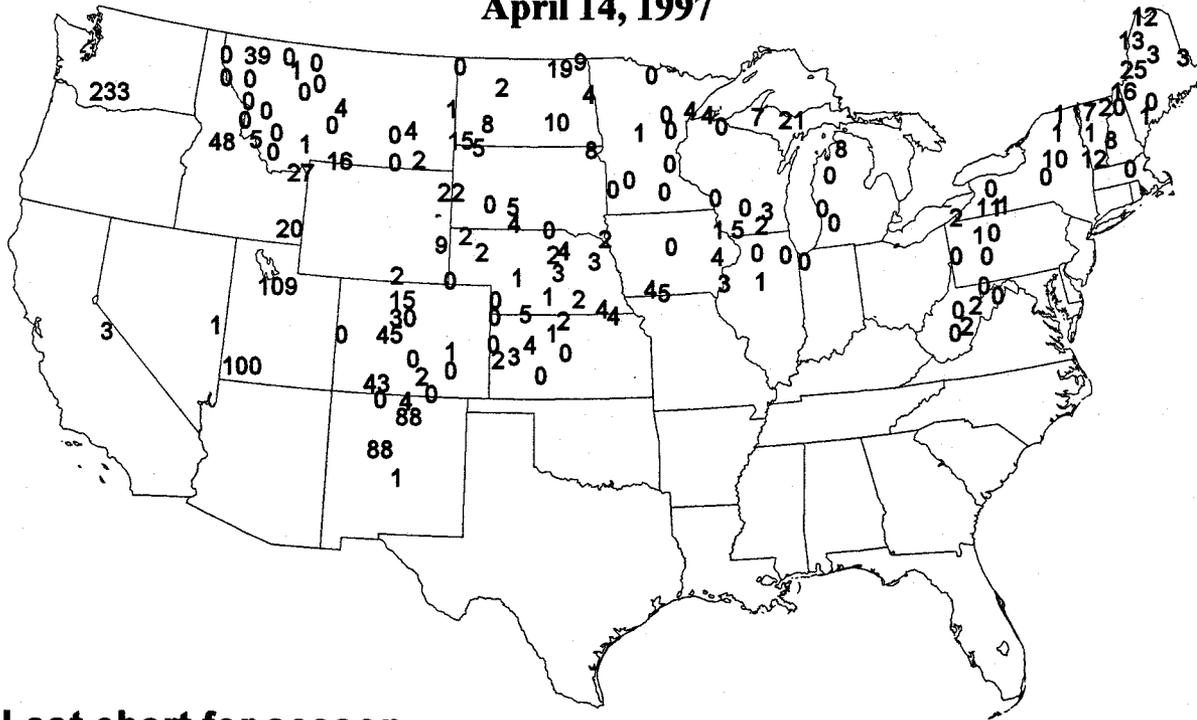
Temperatures bottomed out on April 12 at many locations across the **Western and Central States**. April records were tied or broken in **Casper, WY** (-6°F), **Pueblo, CO** (2°F), and **Russell, KS** (14°F). Deep snow cover protected some wheat across **northern Kansas**, but most areas farther south were exposed to lows in the teens and twenties. In **northern Texas**, lows included 17°F in **Amarillo**, 22°F in **Lubbock**, and 25°F in **Midland**. Across **western Kansas**, readings dipped to 6°F in **Scott City** and 10°F in **Garden City**. Cold air again cloaked the **Northwest**, bettering Sunday's lows by a degree in **Yakima** (22°F) and **Pendleton** (26°F).

Average Soil Temperature (°F 4-Inch Bare) April 6 - 12, 1997



NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary data

SNOW DEPTH (Inches) April 14, 1997



Last chart for season

Experimental product based on preliminary data
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

The NWS co-operative observer network is the principal source of the snow depth reports. Gaps in data coverage will be disappearing as more data come online.

Spring Flood Update

In eastern South Dakota, the James River crested in early April at record levels at most gauging stations between Columbia and Mitchell, breaking records set in either 1969 or 1995. The primary crest occurred between April 1 and 7. River levels remain extremely high in the vicinity of Columbia, SD.

Only a few locations in the upper Mississippi River basin reported record flooding. However, the Minnesota River at Montevideo, MN crested at 9.9 feet above flood stage on April 7, eclipsing the 1969 record by more than 2 feet. The mainstem Mississippi River crest worked its way from Aitkin, MN (4.2 feet above flood stage) on April 8 to LaCrosse, WI (3.0 feet above flood stage) on April 13. Along this portion of the Mississippi, crests exceeded those observed in June 1993, but were well shy of all-time records set primarily in April 1965. The crest in LaCrosse was the fifth highest on record.

Record flooding continues in the upper (southern) reaches of the Red River basin. Crest records have been established at Wahpeton and Fargo, ND. Below (north of) Fargo, ND, the river is expected to approach or exceed record levels set in April 1979.

Farther south, runoff from early-April downpours in northwestern Louisiana induced a few record crests. On Bayou Dorcheat, records were established near Springhill (13.0 feet above flood stage on April 6; 1.2 feet above the level on April 28, 1958) and at Dixie Inn (11.6 feet above flood stage on April 8; 0.7 feet above the level on May 1, 1958). Downstream, Lake Bistineau rose to its second-highest level on record on April 11, about 1.4 feet below the record set on April 18, 1991.

1997 Record Flooding Updated through April 14, 1997

Missouri River Basin	Location	Crest (feet above f.s.)/Date	Former Record/Date
Turtle Creek	Redfield, SD	11.1 feet on March 30	8.9 feet on April 7, 1969
James River	Columbia, SD	6.4 feet on April 1 and 13	6.1 feet on April 22, 1969
	Ashton, SD	13.0 feet on April 4	9.4 feet on May 18, 1995
	Redfield, SD	10.3 feet on April 7	6.3 feet on May 15, 1995
	Huron, SD	10.1 feet on April 5	5.9 feet on May 19, 1995
	Forestburg, SD	8.3 feet on April 7	5.3 feet on April 22, 1995
	Mitchell, SD	8.6 feet on April 7	6.4 feet on April 23, 1995
Big Sioux River	Watertown, SD	2.1 feet on April 6	1.1 feet in June 1991
	Castlewood, SD	2.2 feet on April 7	0.7 feet in March 1986
Mississippi River Basin	Location	Crest (feet above f.s.)/Date	Former Record/Date
Minnesota River	Montevideo, MN	9.9 feet on April 7	7.7 feet on April 12, 1969
Red River Basin	Location	Crest (feet above f.s.)/Date	Former Record/Date
Red River	Wahpeton, ND	9.2 feet on April 6	8.0 feet on April 5, 1989
	Fargo, ND	20.6 feet on April 12	20.3 feet on April 15, 1969
Marsh River	Shelly, MN	8.5 feet on April 9	8.4 feet on April 19, 1979
Sheyenne River	Kindred, ND	6.0 feet on April 9	5.7 feet on July 6, 1975
	Fargo, ND	6.7 feet on April 10	5.0 feet on July 26, 1993
	Harwood, ND	8.0 feet on April 10	6.7 feet on April 13, 1996
Maple River	Mapleton, ND	6.0 feet on April 9	6.0 feet on July 2, 1975
Buffalo River	Hawley, MN	3.7 feet on April 7	3.4 feet on July 18, 1993
	Dilworth, MN	15.1 feet on April 6	15.1 feet on July 2, 1975
Wild Rice River	Twin Valley, MN	6.4 feet on April 6	4.2 feet on April 5, 1989
Wild Rice River	Abercrombie, ND	16.4 feet on April 7	14.6 feet on April 11, 1969

Source: National Weather Service flood statements and spring flood outlooks. All crest information is preliminary and subject to change.

National Weather Data for Selected Cities

Weather Data for the Week Ending April 12, 1997

STATES AND STATIONS	TEMPERATURE °F						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	90 AND ABOVE	32 AND BELOW	TEMP, °F		.01 INCH OR MORE	.50 INCH OR MORE	
																		90 AND ABOVE	32 AND BELOW			
AL BIRMINGHAM	71	45	79	37	58	-2	1.38	0.19	-	5.54	67	16.66	82	-	-	0	0	0	0	-	-	-
MOBILE	75	54	83	48	66	-1	3.22	2.17	2.26	8.81	107	19.36	105	80	40	0	0	0	2	2	2	2
AK MONTGOMERY	74	51	81	42	63	1	0.94	-0.14	0.83	3.98	49	16.91	92	83	40	0	0	0	3	1	0	0
ANCHORAGE	49	31	53	27	40	6	0.01	-0.16	0.01	0.01	1	0.64	25	81	48	0	4	1	0	0	0	0
BARROW	20	9	25	-4	14	21	0.03	-0.03	0.02	0.09	39	0.17	37	92	86	0	7	2	0	0	0	0
FAIRBANKS	58	26	61	20	40	14	0.00	-0.08	0.00	0.08	18	0.67	48	87	32	0	7	0	0	0	0	0
JUNEAU	51	30	57	26	41	2	-	-	-	-	-	-	-	-	-	0	6	-	-	-	-	-
KODIAK	42	39	45	38	41	4	5.17	4.23	2.34	10.36	168	27.27	144	91	79	0	0	6	3	0	0	3
NOME	39	30	46	18	34	20	0.23	0.06	0.12	1.00	123	2.89	131	89	66	0	4	3	0	0	0	0
AZ PHOENIX	78	56	83	54	67	-1	0.00	-0.07	0.00	-	-	-	-	60	16	0	0	0	0	0	0	0
PRESCOTT	56	33	63	27	44	-3	0.01	-0.21	0.01	0.75	33	3.81	72	-	-	0	4	1	0	0	0	0
TUCSON	76	49	83	46	62	-2	0.00	-0.08	0.00	0.49	57	2.10	87	62	16	0	0	0	0	0	0	0
YUMA	80	55	85	51	68	-2	0.00	-0.03	0.00	0.02	6	0.48	55	-	-	0	0	0	0	0	0	0
AR FORT SMITH	61	41	75	35	51	-8	0.81	-0.07	0.44	6.64	121	13.69	137	87	51	0	0	2	0	0	0	0
LITTLE ROCK	61	45	69	39	53	-7	0.46	-0.81	-	12.05	173	19.32	141	-	-	0	0	-	-	-	-	-
CA BAKERSFIELD	72	43	75	38	57	-4	0.00	-0.16	0.00	0.21	16	2.99	92	63	20	0	0	0	0	0	0	0
EUREKA	55	42	58	37	49	-1	0.13	-0.86	0.06	2.86	42	14.22	81	91	53	0	0	3	0	0	0	0
FRESNO	72	44	76	40	58	-2	0.00	-0.27	0.00	0.12	5	3.50	57	74	19	0	0	0	0	0	0	0
LOS ANGELES	66	51	67	49	58	-1	0.00	-0.22	0.00	0.00	0	4.21	58	88	32	0	0	0	0	0	0	0
REDDING	69	42	71	33	55	-1	0.00	-0.57	0.00	2.12	39	11.83	74	-	-	0	0	0	0	0	0	0
SACRAMENTO	72	44	75	42	58	1	0.00	-0.33	0.00	0.58	18	8.52	90	-	-	0	0	0	0	0	0	0
SAN DIEGO	65	56	68	53	60	-1	0.00	-0.23	0.00	0.29	13	3.56	64	77	37	0	0	0	0	0	0	0
SAN FRANCISCO	63	48	67	46	56	0	0.00	-0.41	0.00	0.24	6	8.03	71	85	47	0	0	0	0	0	0	0
DC DENVER	37	14	55	6	26	-21	0.03	-0.38	0.02	0.77	41	1.44	49	-	-	0	7	2	0	0	0	0
CO GRAND JUNCTION	46	29	55	17	38	-12	0.16	-0.01	0.12	2.22	182	2.93	129	81	44	0	5	2	0	0	0	0
PUEBLO	45	16	66	2	31	-19	0.23	0.04	0.12	0.85	77	1.44	83	87	36	0	7	2	0	0	0	0
CT BRIDGEPORT	54	36	73	26	45	-1	1.30	-0.42	1.28	6.21	118	11.31	98	-	-	0	3	2	1	1	1	1
HARTFORD	54	33	76	24	43	-3	0.74	-0.14	0.74	4.36	85	8.93	76	75	26	0	4	1	1	1	1	1
DC WASHINGTON	60	41	73	28	51	-4	0.52	-0.09	0.40	4.65	111	9.65	100	70	35	0	2	2	0	0	0	0
FL PANAMA CITY	76	59	82	52	68	3	-	-	-	-	-	-	-	-	-	0	0	-	-	-	-	-
DAYTONA BEACH	80	60	84	54	70	2	0.08	-0.44	0.04	2.35	62	4.84	50	-	-	0	0	2	0	0	0	0
JACKSONVILLE	79	55	85	45	67	0	0.05	-0.54	0.04	1.90	41	6.07	52	90	47	0	0	2	0	0	0	0
KEY WEST	82	74	84	71	78	2	0.92	0.56	0.75	2.61	122	7.14	116	83	69	0	0	2	1	0	0	0
MIAMI	81	70	85	68	76	1	1.55	1.00	0.86	3.63	109	6.86	93	80	59	0	0	4	1	0	0	0
ORLANDO	83	63	87	59	73	3	0.30	-0.12	0.20	3.76	95	7.27	78	93	47	0	0	3	0	0	0	0
TALLAHASSEE	79	55	84	41	67	2	0.59	-0.33	0.31	2.68	34	12.09	66	82	43	0	0	3	0	0	0	0
TAMPA	82	66	85	62	74	4	1.74	1.48	1.50	3.00	85	4.61	54	89	56	0	0	3	1	0	0	0
WEST PALM BEACH	81	70	84	66	76	2	1.82	1.06	1.47	5.17	133	13.67	150	82	57	0	0	5	1	0	0	0
GA ATLANTA	69	48	76	39	59	-1	0.69	-0.34	0.29	3.29	43	15.93	93	72	42	0	0	3	0	0	0	0
AUGUSTA	74	47	81	35	61	0	0.43	-0.36	0.27	2.71	45	11.22	78	84	36	0	0	2	0	0	0	0
MACON	74	49	78	37	62	-1	0.17	-0.86	0.07	1.69	27	12.16	78	87	37	0	0	3	0	0	0	0
SAVANNAH	76	52	84	44	64	0	0.35	-0.35	0.30	1.45	29	6.85	58	91	41	0	0	3	0	0	0	0
HI HILO	81	64	83	62	73	0	1.39	-2.32	0.55	21.47	106	31.63	78	89	61	0	0	6	1	0	0	0
HONOLULU	83	67	85	64	75	0	0.02	-0.37	-	5.50	196	13.37	156	85	59	0	0	-	-	-	-	-
KAHULUI	85	64	86	58	74	0	-	-	-	-	-	-	-	82	52	0	0	-	-	-	-	-
LIHUE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ID BOISE	55	32	61	25	44	-4	0.12	-0.18	0.12	0.63	35	3.50	81	67	28	0	4	1	0	0	0	0
LEWISTON	55	33	60	27	44	-5	0.12	-0.13	0.08	1.94	129	5.57	151	-	-	0	4	3	0	0	0	0
POCATELLO	48	21	54	14	34	-9	0.08	-0.20	0.08	0.87	50	2.84	77	75	31	0	7	1	0	0	0	0
IL CHICAGO	41	27	60	21	34	-13	0.63	-0.22	0.54	2.50	61	8.29	118	80	52	0	7	2	1	0	0	0
MOLINE	41	26	60	20	34	-14	1.38	0.50	-	2.85	65	8.34	115	-	-	0	7	-	-	-	-	-
PEORIA	42	28	57	19	35	-14	1.82	0.75	1.08	3.31	75	9.57	131	83	53	0	6	3	2	0	0	0
QUINCY	42	28	59	19	35	-16	-	-	-	-	-	-	-	-	-	0	6	-	-	-	-	-
ROCKFORD	39	25	55	17	32	-13	0.43	-0.40	0.26	2.08	54	6.04	96	-	-	0	7	2	0	0	0	0
SPRINGFIELD	46	29	57	20	38	-13	0.06	-0.79	0.06	2.67	57	6.76	85	-	-	0	4	1	0	0	0	0
IN EVANSVILLE	59	34	75	25	47	-8	1.23	0.30	0.72	9.35	148	16.32	135	77	36	0	3	2	2	0	0	0
FORT WAYNE	47	27	71	19	37	-10	0.29	-0.48	0.19	4.05	96	9.80	122	84	49	0	5	2	0	0	0	0
INDIANAPOLIS	53	30	70	18	42	-8	0.59	-0.26	0.47	5.80	110	13.20	131	70	39	0	4	2	0	0	0	0
SOUTH BEND	43	26	65	16	35	-12	0.24	-0.67	0.16	2.82	61	7.63	87	-	-	0	4	2	0	0	0	0
IA DES MOINES	37	26	44	19	32	-16	0.49	-0.30	0.18	2.56	73	3.46	63	83	54	0	7	4	0	0	0	0
SIOUX CITY	33	21	39	14	27	-20	0.22	-0.28	0.11	1.91	68	2.85	71	88	60	0	7	3	0	0	0	0
WATERLOO	37	24	52	15	31	-15	0.44	-0.28	0.30	2.69	77	4.43	82	-	-	0	7	4	0	0	0	0
KS CONCORDIA	39	25	58	20	32	-18	1.34	0.86	0.93	1.79	59	3.32	76	84	51	0	7	2	1	0	0	0
DODGE CITY	42	23	66	14	33	-20	0.64	0.21	0.35	1.23	54	2.45	72	86	55	0	7	3	0	0	0	0
GOODLAND	35	16	59	5	25	-22	0.18	-0.06	-	0.24	16	1.29	55	86	53	0	7	-	-	-	-	-
TOPEKA	41	29	54	26	35	-18	2.52	1.85	1.78	4.75	132	7.62	137	87	53	0	6	3	2	0	0	0
WICHITA	46	29	54	23	37	-18	2.10	1.48	1.41	4.15	113	6.67	118	81	52	0	6	5	1	0	0	0
KY BOWLING GREEN	62	37	77	28	49	-8	-	-	-	-	-	-	-	-	-	0	2	-	-	-	-	-
LEXINGTON	59	33	74	21	46	-7	0.16	-0.74	0.16	13.64	229	21.63	180	71	34	0	3	1	0	0	0	0

Weather Data for the Week Ending April 12, 1997

STATES AND STATIONS	TEMPERATURE °F						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, °F		PRECIP.	
																90 AND ABOVE	32 AND BELOW	01 INCH OR MORE	50 INCH OR MORE
ME CARIBOU	38	23	49	15	30	-5	0.17	-0.38	0.16	2.65	78	8.48	110	78	51	0	5	2	0
ME PORTLAND	47	27	70	19	37	-4	0.59	-0.37	0.50	4.23	80	9.27	76	77	35	0	5	3	1
MD BALTIMORE	59	38	71	26	48	-3	0.83	-0.09	0.49	6.31	138	11.38	106	-	-	0	3	2	0
MD SALISBURY	62	40	75	29	51	0	1.04	0.28	0.84	5.92	108	11.71	93	-	-	0	2	2	1
MA BOSTON	51	35	75	26	43	-3	0.53	-0.32	0.53	5.77	112	9.28	75	68	32	0	3	1	1
MA WORCESTER	48	29	71	21	39	-3	0.84	-0.07	0.81	6.30	114	11.36	90	-	-	0	4	2	1
MI ALPENA	39	21	68	15	30	-8	0.48	-0.03	0.43	3.22	108	9.36	158	85	43	0	7	3	0
MI DETROIT	45	30	74	20	38	-7	0.27	-0.42	0.21	4.15	112	9.78	136	71	38	0	3	2	0
MI FLINT	42	26	70	17	34	-10	0.49	-0.20	0.28	2.79	84	7.75	130	82	50	0	7	3	0
MI GRAND RAPIDS	40	25	64	18	33	-11	0.61	-0.17	0.35	2.53	64	9.26	128	81	49	0	6	2	0
MI HOUGHTON LAKE	39	21	62	15	30	-10	0.59	0.09	0.37	2.41	84	6.68	121	84	46	0	7	5	0
MI LANSING	42	26	68	16	34	-8	0.34	-0.33	0.23	3.01	90	8.08	134	-	-	0	6	3	0
MI MARQUETTE	33	13	51	9	23	-11	0.16	-0.45	0.08	4.07	106	11.67	151	84	50	0	7	3	0
MI MUSKEGON	40	25	60	14	32	-10	0.51	-0.18	0.32	1.97	54	7.25	97	90	53	0	7	2	0
MI SAULT ST. MARIE	-	-	-	-	-	-	-	-	-	4.88	-	9.78	-	-	-	-	-	-	-
MN ALEXANDRIA	29	12	42	4	21	-19	-	-	-	-	-	-	-	-	-	0	7	-	-
MN DULUTH	33	13	45	5	23	-13	0.05	-0.45	0.05	1.26	46	2.76	58	76	39	0	7	1	0
MN INT'L FALLS	32	8	46	4	20	-16	0.27	-0.06	0.27	2.25	138	3.16	101	84	44	0	7	1	0
MN MINNEAPOLIS	39	18	51	9	28	-16	0.05	-0.48	0.04	1.90	67	3.71	80	73	40	0	7	2	0
MN ROCHESTER	37	19	51	9	28	-14	0.34	-0.25	0.15	2.37	85	4.81	112	96	39	0	7	4	0
MS GREENWOOD	69	47	76	42	58	4	-	-	-	-	-	-	-	-	-	0	0	-	-
MS JACKSON	70	46	79	42	58	4	0.73	-0.56	0.72	4.43	54	15.61	85	88	44	0	0	2	1
MS MERIDIAN	72	47	79	41	59	-3	0.88	-0.47	0.87	6.15	68	16.73	85	91	41	0	0	2	1
MO CAPE GIRARDEAU	59	37	72	29	48	-8	0.34	-0.68	0.30	7.34	108	14.97	115	-	-	0	1	2	0
MO COLUMBIA	46	29	62	20	37	-14	0.99	0.18	0.56	3.64	82	10.77	139	87	52	0	5	2	1
MO KANSAS CITY	40	28	50	24	34	-18	2.23	1.58	1.42	4.78	132	8.07	139	84	58	0	7	4	2
MO SAINT LOUIS	49	33	62	25	41	-13	0.41	-0.39	0.34	4.13	83	10.90	123	78	37	0	3	2	0
MO SPRINGFIELD	53	32	63	26	43	-11	0.46	-0.45	0.31	6.14	114	11.26	125	81	41	0	3	4	0
MT BILLINGS	27	13	38	5	20	-24	0.28	-0.09	0.24	1.13	64	2.10	63	92	58	0	7	3	0
MT GLASGOW	34	13	46	9	24	-18	0.00	-0.12	0.00	0.72	116	1.07	85	76	30	0	7	0	0
MT GREAT FALLS	26	11	45	4	18	-23	0.21	-0.07	0.07	1.30	83	1.74	57	91	56	0	7	4	0
MT HAVRE	33	12	47	9	22	-19	0.00	-0.19	0.00	0.24	25	0.44	24	83	45	0	7	0	0
MT HELENA	36	15	49	8	25	-16	0.03	-0.16	0.02	0.15	14	0.50	24	81	46	0	7	2	0
MT KALISPELL	40	20	50	15	30	-11	0.04	-0.18	0.02	2.24	164	5.28	132	67	37	0	7	2	0
MT MILES CITY	30	12	40	6	21	-22	0.08	-0.21	0.04	1.16	109	1.46	71	-	-	0	7	2	0
MT MISSOULA	47	23	53	18	35	-9	0.02	-0.17	0.02	2.17	167	4.61	138	70	36	0	7	1	0
NE GRAND ISLAND	35	22	52	18	28	-20	0.17	-0.36	0.08	0.65	23	1.71	43	81	55	0	7	3	0
NE LINCOLN	37	25	50	22	31	-18	0.71	0.12	0.38	2.02	65	2.95	68	-	-	0	7	3	0
NE NORFOLK	32	20	41	16	26	-21	0.76	0.28	0.27	1.57	59	2.56	65	83	58	0	7	4	0
NE NORTH PLATTE	34	17	58	11	26	-20	0.18	-0.22	0.09	0.70	38	1.37	52	82	48	0	7	3	0
NE OMAHA	36	25	45	20	30	-19	1.04	0.50	-	2.63	89	3.79	85	78	56	0	7	4	0
NE SCOTTSBLUFF	30	14	47	4	22	-22	0.88	0.57	0.37	3.72	231	4.34	170	-	-	0	7	4	0
NE VALENTINE	27	13	32	9	20	-24	0.78	0.46	0.54	1.40	90	1.91	85	86	67	0	7	4	1
NV ELY	43	20	51	8	31	-8	0.42	0.20	0.17	-	-	-	-	83	44	0	7	4	0
NV LAS VEGAS	68	51	77	44	60	-2	0.00	-0.06	0.00	0.04	8	0.24	17	34	14	0	0	0	0
NV RENO	54	27	59	19	41	-8	0.19	0.11	0.15	-	-	-	-	77	25	0	7	2	0
NH WINNEMUCCA	52	26	58	11	38	-8	0.41	0.22	0.28	0.49	44	2.15	86	79	30	0	5	3	0
NH CONCORD	47	26	70	17	37	-5	0.44	-0.22	0.33	3.71	96	9.14	103	-	-	0	5	2	0
NJ ATLANTIC CITY	57	35	74	23	46	-2	1.14	0.31	0.89	6.48	128	12.79	110	68	42	0	3	2	1
NM ALBUQUERQUE	59	36	71	25	47	-8	0.41	0.30	-	1.15	147	1.82	108	66	26	0	2	3	0
NM CLOVIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NM ROSWELL	63	35	81	28	49	-10	-	-	-	-	-	-	-	88	29	0	2	-	-
NY ALBANY	49	29	62	20	39	-5	0.46	-0.23	0.42	4.02	98	6.39	73	81	37	0	4	2	0
NY BINGHAMTON	48	26	70	16	37	-5	0.31	-0.41	0.29	4.04	100	6.91	79	82	35	0	5	2	0
NY BUFFALO	43	28	71	18	36	-7	0.61	-0.05	0.56	5.11	134	12.31	139	74	42	0	4	2	1
NY NEW YORK	58	40	78	30	49	0	1.13	0.25	1.09	6.28	123	12.66	115	80	29	0	2	3	1
NY ROCHESTER	46	28	80	16	37	-6	0.57	-0.03	0.50	4.61	140	9.14	122	-	-	0	5	3	1
NY SYRACUSE	47	30	76	15	39	-5	0.51	-0.26	0.44	3.92	96	7.35	86	74	37	0	4	4	0
NC ASHEVILLE	64	41	68	31	52	-2	2.21	1.29	1.25	7.67	105	17.32	110	-	-	0	1	3	2
NC CHARLOTTE	70	48	75	35	59	1	1.42	0.79	0.94	3.94	71	11.31	86	69	37	0	0	2	1
NC GREENSBORO	63	44	72	30	54	-2	1.88	1.04	0.92	5.74	119	11.52	102	73	35	0	1	2	2
NC HATTERAS	63	49	72	32	56	-1	0.00	-0.83	0.00	4.52	79	12.01	79	82	56	0	1	0	0
NC NEW BERN	72	51	86	35	61	2	0.02	-0.70	0.02	2.14	42	9.33	68	-	-	0	0	1	0
NC RALEIGH	68	45	79	27	57	-1	0.70	0.11	0.50	4.13	86	10.07	84	83	33	0	1	2	1
NC WILMINGTON	71	49	85	34	60	1	0.46	-0.26	0.41	3.01	53	9.86	67	-	-	0	0	3	0
ND BISMARCK	27	9	45	2	18	-22	0.21	-0.14	0.20	3.80	267	5.02	223	85	56	0	7	2	0
ND FARGO	25	12	38	7	19	-21	0.00	-0.39	0.00	2.09	123	2.72	95	86	63	0	7	0	0
ND GRAND FORKS	27	10	43	3	18	-20	0.00	-0.29	0.00	1.58	110	2.44	93	-	-	0	7	0	0
ND WILLISTON	32	10	50	2	21	-19	0.00	-0.26	0.00	0.98	88	1.41	67	80	37	0	7	0	0
OH AKRON-CANTON	50	29	75	18	39	-7	1.20	0.48	1.14	3.27	72	6.26	70	78	39	0	3	4	1
OH CINCINNATI	58	31	75	15	45	-6	0.82	-0.25	0.39	6.89	116	11.21	102	72	34	0	4	2	0
OH CLEVELAND	48	31	74	20	39	-6	1.10	0.36	1.07	4.51	109	9.21	110	72	44	0	3	3	1
OH COLUMBUS	56	33	74	20	44	-5	0.79	0.07	0.65	5.02	111	8.64	97	72	31	0	3	2	1
OH DAYTON	55	30	75	19	42	-7	0.63	-0.17	0.44	4.91	102	9.01	99	77	30	0	4	3	0

Based on 1961-90 normals

Weather Data for the Week Ending April 12, 1997

STATES AND STATIONS	TEMPERATURE °F						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, °F		PRECIP.	
																90 AND ABOVE	80 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
OK TOLEDO	46	30	75	20	38	-7	0.12	-0.57	0.10	2.87	75	9.48	130	74	44	0	4	2	0
OK YOUNGSTOWN	48	29	74	16	39	-6	1.31	0.59	1.30	4.38	101	5.76	68	74	42	0	4	2	1
OK OKLAHOMA CITY	56	36	67	26	46	-13	1.82	1.26	1.12	3.42	93	6.03	94	83	51	0	2	3	2
OR TULSA	58	37	71	31	47	-12	2.76	1.96	1.63	4.91	102	8.57	103	79	48	0	2	4	2
OR ASTORIA	55	39	62	33	47	0	0.41	-0.78	0.28	16.17	176	32.31	121	84	55	0	0	3	0
OR BURNS	50	23	56	10	37	-5	0.09	-0.06	0.08	0.32	25	3.14	103	68	28	0	6	2	0
OR MEDFORD	62	37	67	30	49	-1	0.02	-0.27	0.01	1.01	43	5.54	79	83	32	0	3	2	0
OR PENDLETON	57	33	62	24	45	-4	0.00	-0.25	0.00	1.17	73	2.59	61	74	37	0	4	0	0
OR PORTLAND	57	40	64	36	49	-1	0.46	-0.13	0.25	7.51	163	16.29	118	86	47	0	0	4	0
OR SALEM	57	35	62	29	46	-2	0.42	-0.21	0.29	7.74	146	18.89	120	-	-	0	4	3	0
PA ALLENTOWN	55	34	69	25	44	-3	0.66	-0.13	0.66	4.40	95	8.38	78	75	30	0	4	1	1
PA ERIE	46	31	77	25	38	-5	0.85	0.11	0.80	6.84	160	12.14	138	73	47	0	4	2	1
PA HARRISBURG	56	37	68	28	47	-3	0.40	-0.32	0.40	3.84	96	7.31	71	-	-	0	2	1	0
PA PHILADELPHIA	57	38	69	28	48	-2	0.92	0.09	0.81	5.25	107	10.72	98	72	39	0	2	3	1
PA PITTSBURGH	52	33	73	18	42	-5	0.89	0.16	0.87	4.11	88	7.18	75	73	37	0	3	2	1
PA SCRANTON	52	31	72	21	42	-4	0.35	-0.31	0.35	3.42	93	6.02	76	66	31	0	4	1	0
RI PROVIDENCE	53	35	73	25	44	-1	0.83	-0.13	0.83	5.63	99	11.73	89	75	29	0	3	1	1
SC CHARLESTON	75	52	84	40	63	0	1.84	1.21	1.84	3.65	67	8.53	70	82	39	0	0	1	1
SC COLUMBIA	74	50	81	35	62	1	0.62	-0.18	0.49	1.84	29	10.97	74	79	33	0	0	2	0
SC FLORENCE	74	48	84	36	61	0	-	-	-	-	-	-	-	-	-	0	0	-	-
SC GREENVILLE	69	45	73	34	57	-1	0.89	-0.04	0.50	3.57	51	14.44	93	73	33	0	0	2	1
SD ABERDEEN	26	12	41	6	19	-22	0.47	0.09	0.44	2.74	157	4.96	168	84	53	0	7	2	0
SD HURON	29	13	39	7	21	-23	0.19	-0.27	0.11	1.64	67	2.98	85	84	63	0	7	2	0
SD RAPID CITY	25	12	33	7	19	-24	0.46	0.05	0.41	3.87	229	4.74	184	86	65	0	7	3	0
SD SIOUX FALLS	29	16	37	8	23	-21	0.42	-0.14	0.29	1.87	73	3.65	98	83	55	0	7	3	0
TN CHATTANOOGA	69	44	79	36	58	-1	1.24	0.19	0.61	6.75	96	18.13	103	76	35	0	0	3	1
TN KNOXVILLE	65	42	75	32	54	-2	1.62	0.73	1.41	7.85	118	17.93	120	76	37	0	1	2	1
TN MEMPHIS	65	45	74	39	55	-5	1.28	-0.02	1.20	14.26	187	26.26	167	-	-	0	0	4	1
TN NASHVILLE	65	41	79	32	53	-4	0.03	-0.99	0.03	10.03	162	17.11	122	73	36	0	1	1	0
TX ABILENE	64	39	73	28	52	-12	1.00	0.61	0.98	2.83	142	6.42	153	84	57	0	1	2	1
TX AMARILLO	49	25	69	17	37	-18	0.25	0.06	0.20	-	-	-	-	88	60	0	6	3	0
TX AUSTIN	69	51	76	39	60	-8	0.10	-0.40	0.08	4.02	150	8.98	137	80	53	0	0	3	0
TX BEAUMONT	73	56	83	47	65	-3	0.33	-0.40	0.28	5.62	125	16.25	128	-	-	0	0	3	0
TX BROWNSVILLE	79	65	89	52	72	-2	0.98	0.69	0.63	8.77	904	9.80	273	96	48	0	0	5	1
TX CORPUS CHRISTI	76	60	87	46	68	-3	0.32	0.00	0.16	10.20	703	11.58	226	93	52	0	0	5	0
TX DEL RIO	72	53	80	40	62	-7	0.04	-0.39	0.04	3.22	237	5.46	190	83	45	0	0	1	0
TX EL PASO	72	45	83	33	59	-3	0.00	-0.06	0.00	0.65	167	1.36	112	58	20	0	0	0	0
TX FORT WORTH	66	46	72	34	56	-7	1.25	0.47	1.20	6.51	150	14.19	166	83	55	0	0	2	1
TX GALVESTON	72	60	81	49	66	-2	1.54	1.02	1.44	13.92	449	20.89	242	-	-	0	0	4	1
TX HOUSTON	74	52	82	43	63	-4	1.07	0.40	0.89	11.66	288	20.31	197	85	48	0	0	3	1
TX LUBBOCK	56	31	73	22	44	-16	1.03	0.85	1.02	-	-	-	-	85	55	0	4	2	1
TX MIDLAND	66	38	79	25	52	-11	0.38	0.27	0.38	0.78	118	2.67	157	81	48	0	2	1	0
TX SAN ANGELO	66	41	77	29	54	-12	0.00	-0.32	0.00	3.51	247	8.39	255	84	55	0	1	0	0
TX SAN ANTONIO	72	52	79	41	62	-8	0.18	-0.32	0.15	5.40	233	8.12	139	86	54	0	0	3	0
TX VICTORIA	75	55	83	43	65	-4	0.46	-0.01	0.23	22.48	977	27.91	431	89	54	0	0	3	0
TX WACO	67	46	75	35	56	-9	0.36	-0.31	0.26	5.55	161	15.86	221	91	55	0	0	4	0
TX WICHITA FALLS	62	38	71	27	50	-11	1.43	0.78	1.38	2.34	72	5.55	96	86	49	0	1	3	1
UT CEDAR CITY	49	27	59	18	38	-8	1.00	0.72	0.54	1.44	79	3.85	113	-	-	0	7	4	1
UT SALT LAKE CITY	52	30	59	23	41	-7	0.21	-0.29	0.21	1.41	51	5.30	104	69	34	0	5	1	0
VT BURLINGTON	45	26	63	14	35	-6	0.38	-0.24	0.24	2.99	91	5.86	87	77	36	0	5	3	0
VA NORFOLK	66	46	81	35	56	1	0.40	-0.30	0.21	3.67	74	8.55	70	84	44	0	0	2	0
VA RICHMOND	64	42	78	28	53	-2	0.55	-0.13	0.46	3.51	73	9.15	82	73	30	0	2	2	0
VA ROANOKE	62	41	70	29	52	-2	0.86	0.12	0.73	4.01	84	9.56	92	71	32	0	2	3	1
WA QUILLAYUTE	57	33	63	28	45	0	0.37	-1.54	0.37	21.63	145	48.37	116	94	45	0	3	1	0
WA SEATTLE-TACOMA	58	40	61	35	49	1	0.02	-0.58	0.01	8.26	180	17.27	124	85	46	0	0	2	0
WA SPOKANE	52	28	58	21	40	-4	0.00	-0.28	0.00	2.40	122	5.47	101	72	28	0	6	0	0
WA YAKIMA	58	30	64	22	44	-4	0.00	-0.12	0.00	0.60	66	1.94	68	67	26	0	4	0	0
WV BECKLEY	58	36	71	20	47	-2	0.75	-0.02	0.72	6.62	141	11.15	105	74	35	0	4	3	1
WV CHARLESTON	62	38	78	21	50	-3	0.59	-0.17	0.59	8.89	180	12.16	112	68	24	0	3	1	1
WV HUNTINGTON	61	37	76	22	49	-2	0.32	-0.51	0.27	6.68	176	12.26	111	71	27	0	3	2	0
WV PARKERSBURG	57	35	73	18	46	-6	0.86	0.03	0.86	7.59	144	11.18	99	-	-	0	3	1	1
WI GREEN BAY	40	21	55	14	30	-11	0.05	-0.50	0.05	2.21	74	4.81	93	80	41	0	7	1	0
WI LACROSSE	42	23	55	14	33	-12	0.14	-0.51	-	3.52	115	6.48	133	-	-	0	7	0	0
WI MADISON	39	23	57	16	31	-13	0.77	0.05	0.40	2.50	74	5.93	106	83	44	0	7	4	0
WI MILWAUKEE	39	26	59	19	33	-10	0.36	-0.47	0.34	1.28	31	5.25	74	-	-	0	7	2	0
WI WAUSAU	39	18	51	9	29	-12	0.05	-0.54	0.05	2.27	77	4.69	99	-	-	0	7	1	0
WY CASPER	26	6	37	-6	16	-25	0.03	-0.29	0.02	1.09	74	2.20	84	89	68	0	7	2	0
WY CHEYENNE	26	11	48	0	18	-22	0.34	0.06	0.22	1.51	101	2.22	98	88	59	0	7	3	0
WY LANDER	34	13	50	4	23	-18	0.35	-0.10	0.26	1.21	64	1.80	61	79	48	0	7	3	0
WY SHERIDAN	26	10	34	0	18	-23	0.15	-0.21	0.09	0.72	46	1.62	55	84	53	0	7	3	0
PR SAN JUAN	84	71	86	68	77	-2	0.00	-	0.00	1.85	60	10.44	99	82	56	0	0	0	0

Based on 1961-90 normals

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

April 7 - 13, 1997

HIGHLIGHTS

Unseasonably cold, wintry weather prevailed over most of the United States during the week. Early-week rain and snow compounded widespread flooding problems in low-lying areas of the northern Plains. Temperatures in the single digits and teens in the southern Great Plains may have damaged winter wheat where snow cover was lacking. Lower-

than-normal temperatures across the Nation may have caused damage to planted crops and fruit in bloom. Beneficial moisture fell across Oklahoma, Kansas, and Missouri. However, heavy rains in Texas continued to slow fieldwork. An area extending from Florida to North Carolina received scattered showers, but overall remained dry.

Winter Wheat: Nationwide, 63 percent (%) of the crop was described as good or excellent, while 9% was rated poor or very poor. Condition declined in most winter wheat States, most significantly in Kansas and Oklahoma. Possible freeze damage was reported in many Central and Eastern States, but the extent of the damage has yet to be determined. The Texas wheat crop improved after receiving much-needed rainfall. Fifty percent of the wheat in Kansas was jointing, ahead of the 5-year average of 38%. Wheat development in Georgia was well ahead of normal because of drier-than-normal weather. Overall, 5% of the wheat crop was headed, just ahead of the average of 4%.

Corn: In the 17 major producing States, 4% of the corn was planted, up 1% from a week ago and equal to the average for this date. Planting progressed well along the southern Atlantic coast but was delayed in the rest of the major corn-producing States by unseasonably cold, wet weather. Corn planting in the Boot Heel of Missouri made good progress, but the wet weather kept farmers in the rest of the State out of fields.

Cotton: Planting was 9% complete, up 3% from last week and equal to the average. Arizona and California made good progress again this week, advancing to 49 and 50% complete, respectively. Some cotton was beginning to emerge in early-planted fields in California. Slight planting progress was made along the Gulf Coast and southern Atlantic coast. Farmers in southern New Mexico continued planting, and the State advanced to 15% complete, 11 percentage points ahead of last week and 2 points ahead of the State average. Cold, wet

conditions kept progress to a minimum in Texas where recent heavy rains in many southern and coastal areas may cause replanting or changing to alternative crops.

Rice: Rice growers in Louisiana and Mississippi made significant progress during the week. Nationwide, 16% of the crop was planted, compared with 12% last week and the average of 20%. Heavy rains in Texas have kept rice planting well behind normal for this time of year. Rice growers in Louisiana continued to report problems with water mold.

Other Crops: Spring wheat seeding was 2% complete, up 1% from last week but still behind the average of 7%. The planting start date in the Dakotas and Minnesota was further delayed by flooding and very low temperatures. Planting in Montana and Idaho was also behind normal due to cold, wet weather. Sorghum planting progressed to 13% complete, 2 points ahead of last week, but 4% behind the average for the Nation. Arkansas, Louisiana, Mississippi, and Texas were the only States to report progress. Peanut planting was 2% complete, slightly ahead of the average of 1%. South Carolina reported the most progress, with 10% of the crop in the ground. Five percent of the U.S. barley crop was planted, somewhat behind the average of 12%. Planting in all major barley-producing States was behind normal because of cold, wet growing conditions. Seeding progress for oats was 14% complete, just behind the average of 17%. Farmers planted oats well ahead of normal in the eastern Great Lakes region. However, unseasonably wintry weather in the other major oat-producing States has kept farmers out of fields.

Crop Progress and Condition

Week Ending April 13, 1997

Winter Wheat Percent Headed

	Apr 13 1997	Prev Week	Prev Year	5-Yr Avg
AR	26	NA	5	8
CA	70	NA	67	59
CO	0	NA	0	0
GA	78	NA	16	31
ID	0	NA	0	0
IL	0	NA	0	0
IN	0	NA	0	0
KS	0	NA	0	0
MI	0	NA	0	0
MO	0	NA	0	0
MT	0	NA	0	0
NE	0	NA	0	0
NC	10	NA	6	7
OH	0	NA	0	0
OK	7	NA	1	7
OR	0	NA	0	0
SD	0	NA	0	0
TX	14	NA	10	13
WA	0	NA	0	0
ALL	5	NA	3	4

These 19 States produced 92% of the 1996 winter wheat crop.

Corn Percent Planted

	Apr 13 1997	Prev Week	Prev Year	5-Yr Avg
CO	2	0	0	0
GA	89	78	67	74
IL	2	1	3	2
IN	1	0	0	0
IA	0	0	0	0
KS	4	3	3	5
KY	10	1	2	8
MI	0	0	0	0
MN	0	0	0	0
MO	13	7	16	11
NE	0	0	0	0
NC	32	11	27	29
OH	2	0	1	1
PA	0	0	0	0
SD	0	0	0	0
TX	50	40	55	52
WI	0	0	0	0
ALL	4	3	4	4

These 17 States produced 90% of the 1996 corn crop.

Cotton Percent Planted

	Apr 13 1997	Prev Week	Prev Year	5-Yr Avg
AL	9	2	9	6
AZ	49	25	39	37
AR	0	0	1	0
CA	50	30	19	21
GA	5	1	1	2
LA	0	0	0	2
MS	1	0	1	2
MO	0	0	0	0
NM	15	4	4	13
NC	2	0	0	0
OK	0	0	0	0
SC	4	1	2	1
TN	0	0	0	1
TX	7	6	12	13
ALL	9	6	8	9

These 14 States produced 99% of the 1996 cotton crop.

Sorghum Percent Planted

	Apr 13 1997	Prev Week	Prev Year	5-Yr Avg
AR	21	11	13	14
CO	0	0	0	0
IL	0	0	0	0
KS	0	0	0	0
LA	17	0	9	9
MS	22	10	18	17
MO	0	0	0	0
NE	0	0	0	0
NM	0	0	0	0
OK	0	0	0	2
SD	0	0	0	0
TX	37	31	44	49
ALL	13	11	15	17

These 12 States produced 99% of the 1996 sorghum crop.

Rice Percent Planted

	Apr 13 1997	Prev Week	Prev Year	5-Yr Avg
AR	8	7	10	13
CA	0	0	0	0
LA	53	40	51	44
MS	26	12	26	22
TX	6	2	59	44
ALL	16	12	22	20

These 5 States produced 96% of the 1996 rice crop.

Oats Percent Planted

	Apr 13 1997	Prev Week	Prev Year	5-Yr Avg
IA	38	NA	30	45
MI	18	NA	0	0
MN	0	NA	0	5
NE	38	NA	47	45
ND	0	NA	0	2
OH	46	NA	10	21
PA	35	NA	13	14
SD	1	NA	3	14
WI	1	NA	1	6
ALL	14	NA	10	17

These 9 States produced 56% of the 1996 oat crop.

Peanuts Percent Planted

	Apr 13 1997	Prev Week	Prev Year	5-Yr Avg
AL	2	NA	0	1
FL	0	NA	2	NA
GA	3	NA	1	2
NC	0	NA	0	0
OK	0	NA	0	0
SC	10	NA	NA	NA
TX	0	NA	2	1
VA	0	NA	0	0
ALL	2	NA	1	1

These 8 States produced 99% of the 1996 peanut crop.

Barley Percent Planted

	Apr 13 1997	Prev Week	Prev Year	5-Yr Avg
ID	21	NA	29	33
MN	0	NA	0	1
MT	2	NA	0	14
ND	0	NA	0	1
SD	0	NA	0	12
WA	22	NA	30	47
ALL	5	NA	6	12

These 6 States produced 82% of the 1996 barley crop.

Crop Progress and Condition

Week Ending April 13, 1997

Spring Wheat Percent Planted

	Apr 13 1997	Prev Week	Prev Year	5-Yr Avg
ID	40	24	51	45
MN	0	0	0	3
MT	1	0	0	10
ND	0	0	0	2
SD	1	1	2	16
ALL	2	1	2	7

These 5 States produced 96% of the 1996 spring wheat crop.

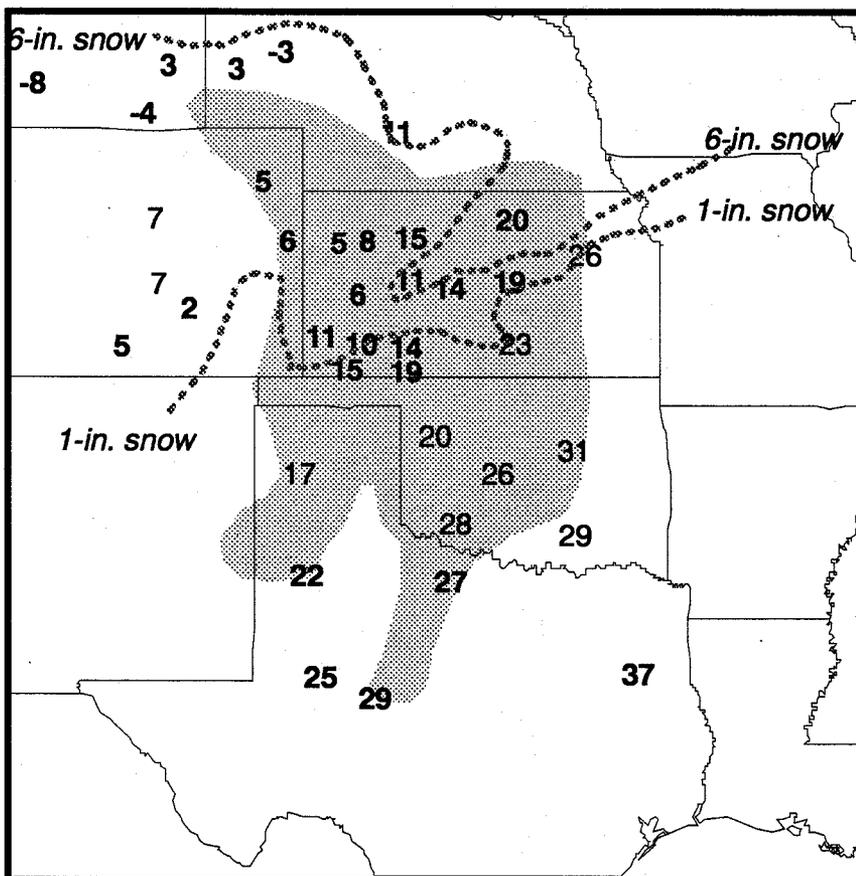
Winter Wheat Crop Condition by Percent

	VP	P	F	G	EX
AR	3	17	45	28	7
CA	0	10	10	35	45
CO	4	12	37	40	7
GA	0	10	26	60	4
ID	0	4	16	58	22
IL	2	3	19	63	13
IN	2	8	24	52	14
KS	1	8	28	55	8
MI	3	9	34	35	19
MO	1	8	28	50	13
MT	1	3	41	51	4
NE	0	5	40	49	6
NC	0	2	18	74	6
OH	4	13	33	41	9
OK	0	9	25	61	5
OR	0	1	17	72	10
SD	4	17	34	41	4
TX	1	9	29	44	17
WA	0	3	13	67	17
ALL	1	8	28	53	10
Prev Wk	1	5	24	55	15
Prev Yr	16	27	30	22	5

VP - Very Poor
 P - Poor
 F - Fair
 G - Good
 EX - Excellent

National crop conditions for selected States are weighted based on 1996 planted acres.

RECORD COLD IN THE WINTER WHEAT REGION



Record cold likely damaged jointing- to heading-stage winter wheat from southern Kansas to northern Texas on April 11-13. The above map shows minimum temperatures (°F) measured on the coldest day of the period, Saturday, April 12. Numbers in bold are daily record lows. The shaded area is the primary hard red winter wheat growing area. The 1- and 6-inch snow depth lines are indicated by the dashed lines. The areas with the heavier snow, including northeastern Kansas, likely escaped significant damage. In Kansas, freeze damage was mostly in the south, where more wheat had jointed and snow cover was lacking (see the State summary).

State Agricultural Summaries

These summaries, issued weekly in April through November and monthly in the other months, 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: Days suitable for fieldwork 5.4. Topsoil 4% very short, 20% short, 73% adequate, 3% surplus. Spring plowing complete 63%, 48% 1996, 55% avg. Corn planted 65%, 46% 1996, 50% avg. Wheat headed 47%, 17% 1996, 29% avg.; 1% poor, 38% fair, 59% good, 2% excellent. Livestock 1% poor, 32% fair, 62% good, 5% excellent. Most farmers were waiting for warmer weather for seeding cotton, peanuts.

ARIZONA: Warmer temperatures, little precipitation accelerated cotton planting progress, alfalfa harvesting. Small grains 88% heading, 87% 1996, 82% avg.; 60% good, 40% excellent; harvest activity 9% light, 2% moderate, 66% active, 23% not being harvested; 5% fair, 60% good, 35% excellent. Western vegetable harvest continued to wind down, central areas continued to ship a wide variety of vegetables. Shipments from western, central areas included broccoli, cabbage, spinach, iceberg lettuce, leaf lettuce. Romaine continued to be shipped from the west. Central growers harvested beets, bok choy, carrots, kale, kohlrabi, green onions, greens, Swiss chard. Cauliflower, celery, salad savoy harvested from western fields. Lemon harvest nearly complete. Grapefruit, tangerines, tangelos were picked along with an increasing volume of Valencia.

ARKANSAS: Main farming activities: Planting preparation, planting of row crops, fertilizing pastures, wheat. Field preparation for row crops, planting of rice, corn reported by several counties. Fertilizing, applying herbicides to wheat reported by several counties. Several counties report field preparation delays due to excess soil moisture. Livestock reported in good condition.

CALIFORNIA: High winds dried soils, slowed planting progress at several locations. Cotton planting continued. Some cotton plants were emerging in the San Joaquin Valley. Winter forage mixes were being harvested. Small grain fields continued to head out, mature. Lodging was reported in some areas. Preparations were underway for second crop plantings following barley harvest. Alfalfa, oat acreage was cut for hay or green chopped. Regrowth, after cutting, irrigation, was doing well. Rice seedbeds were prepared for planting. Rice water weevil pesticides were applied to some fields. Spring sugar beets were harvested while next fall's crop continued to mature. Thinning was underway in some areas. Fungicides were applied to Easter lily fields, with the crop reported in good condition. Early planted corn was germinating very well. Early irrigation was underway in orchards, vineyards, due to the continued dry spring. Nectarine and apricot orchards were being thinned. Warm weather helped push grapevine growth to one week ahead of last year. Warm weather also caused concern over mites, thrips in new avocados. Walnuts began to bloom. Apple bloom was in various stages. Cherries continued to bloom. Lemons, grapefruit were harvested. Navel orange harvest was winding down, while Valencia harvest gained momentum. New crop citrus bloom began. Leafy green vegetables were in good condition, supplies were plentiful. Leaf, head lettuce harvests were at their peak in Fresno County. Fresh tomato, bell pepper transplants were planted. Growers removed hot caps from tomatoes and eggplants. Sweet corn began to emerge, with some fields being thinned. Peppers were planted. Onions were progressing well. Broccoli, cauliflower, sugar peas, green onions were harvested. Broccoli culls were sold to dairies. Broccoli was treated for diamondback moths, aphids. Insecticides were also applied to tomato, pea fields. Sweet potato fields were fumigated as planting preparations continued. Strawberries were harvested for the freezer, fresh markets. Excellent quality was reported. Some crookneck squash was harvested, zucchini harvest was expected to begin soon. Harvesting of asparagus continued. Spinach was being cut. Summer vegetables, melons were planted. Pasture feed, range mainly fair to good. Feed quality was excellent in northern areas, higher elevations, continued to deteriorate due to lack of moisture in most other areas. Livestock were in good condition, with spring lambs, calves doing well.

COLORADO: Days suitable for fieldwork 4.2. Topsoil 25% very short, 39% short, 32% adequate, 4% surplus. Subsoil 22% very short, 30% short,

46% adequate, 2% surplus. Spring barley 38% seeded, 51% 1996, 30% avg.; 15% emerged, 15% 1996, 8% avg. Oats 50% seeded, 49% 1996, 33% avg.; 21% emerged, 9% 1996, 8% avg. Sugar beets 45% planted, 76% 1996, 43% avg. Dry onions 64% planted, 80% 1996, 53% avg.; 3% very poor, 4% poor, 22% fair, 62% good, 9% excellent. Winter wheat 5% pastured, 3% 1996, 5% avg.; 9% jointed, 2% 1996, 6% avg. Cows 77% calved, 82% 1996, 78% avg. Ewes 74% lambled, 78% 1996, 77% avg. Livestock mostly in good to fair condition. Freezing temperatures severely damaged the states' peach, pear, apricot, cherry crops. Apples appear to be less damaged than the other fruits.

DELAWARE: Days suitable for fieldwork 3.4. Subsoil 1% short, 89% adequate, 10% surplus. Topsoil 73% adequate, 27% surplus. Winter wheat 2% poor, 13% fair, 77% good, 8% excellent. Barley 1% poor, 15% fair, 76% good, 8% excellent. Potatoes 43% planted, 34% 1996, 35% avg. Green peas 59% planted, 12% 1996, 36% avg. Apples 17% bloomed, 0% 1996, 8% avg. Peaches 83% bloomed, 4% 1996, 29% avg. Strawberries 15% bloomed, 0% 1996, 5% avg. Hay supplies 20% short, 79% adequate, 1% surplus. Range, pasture feed 5% poor, 17% fair, 73% good, 5% excellent. Activities: Preparing soil for planting, starting to plant field crops, vegetables.

FLORIDA: Topsoil was short to adequate throughout State, with scattered areas very short or surplus. Field corn planting was virtually complete. Field preparations for spring planted crops were active. Scattered afternoon showers over southern Peninsula interrupted fieldwork during the latter part of week. Watermelon harvesting was underway in the southwest and west-central. Vegetable volume leaders were tomatoes, potatoes, sweet corn, peppers, cabbage, and cucumbers. Varying amounts of rain fell in all citrus areas. Abundant new growth was in well-cared-for groves. Valencia harvest was very active, with most oranges going to processors. Movement of all seedless grapefruit was steady, with most fruit coming from the lower east coast. Temple oranges and honey tangerine harvests were slowing. Caretakers were cutting cover crops, herbiciding, hedging, topping, pushing, and burning dead, undesirable trees in larger groves. Pasture feed condition was 10% poor, 55% fair, and 35% good. Showers during week were helpful, but more moisture is needed. Cattle condition was 1% poor, 43% fair, 54% good, and 2% excellent.

GEORGIA: Days suitable for fieldwork 5.9. Soil moisture 17% very short; 35% short, 45% adequate, 3% surplus. Corn 5% poor, 32% fair, 57% good, 6% excellent. Cotton 1% very poor, 5% poor, 56% fair, 36% good, 2% excellent. Hay 1% very poor, 7% poor, 34% fair, 55% good, 3% excellent. Peanuts 3% poor, 68% fair, 27% good, 2% excellent. Sorghum 4% planted, 3% 1996, 3% avg. Tobacco 3% poor, 37% fair, 55% good, 5% excellent; 89% transplanted, 70% 1996, 68% avg. Wheat 98% jointing, 95% 1996, 96% avg.; 92% boot, 61% 1996, 71% avg. Onions 25% fair, 68% good, 7% excellent; 10% harvested, 0% 1996, 1% avg. Watermelons 6% poor, 32% fair, 56% good, 6% excellent; 84% planted, 47% 1996, 67% avg. Apples 12% fair, 82% good, 6% excellent; 86% blooming, 16% 1996, 43% avg. Peaches 27% fair, 67% good, 6% excellent. Pasture feed 2% very poor, 7% poor, 36% fair, 50% good, 5% excellent. Powdery mildew in wheat reported some parts of central area, some control measures being taken. Some disease problems in tobacco. Rain needed in most areas. Planting delayed due to cool temperatures, dry soils. Overall crop conditions still good, development slowed by cool temperatures. Activities: Cutting rye grass, small grain for silage. Land preparation for planting cotton, peanuts, irrigating in dry areas, beginning side dressing tobacco.

HAWAII: Farming, crop progress slowed by cloudy skies, frequent light to moderate showers in windward areas of most islands. Unstable weather brought thundershowers to northern islands late in week. Conditions drier, more favorable in leeward areas, the southern half of State. Major vegetable areas, at higher elevations, also experienced mostly favorable weather. In general, crop conditions improved. Banana production seasonally light to

moderate. Overall papaya production steady, favorable progress made. Head cabbage production moderate. Watermelon plantings continue to increase. Ginger root harvesting aided by sunny weather. Sweet corn activity increased.

IDAHO: Days suitable for fieldwork 4.3. Topsoil 30% surplus, 57% adequate, 11% short, 2% very short. Spring wheat emerged 6%, 13% 1996, 15% avg. Barley emerged 5%, 7% 1996, 11% avg. Potatoes planted 4%, 3% 1996, 5% avg. Sugar beets planted 61%, 55% 1996, 50% avg.; emerged 9%, 6% 1996, 7% avg. Dry peas planted 12%, 11% 1996, 17% avg.; emerged 2%, 3% 1996, 1% avg. Oats planted 13%, 22% 1996, 23% avg.; emerged 2%, 5% 1996, 3% avg. Onions planted 98%, 81% 1996, 62% avg.; emerged 27%, 16% 1996, 12% avg. Lentils planted 1%, 2% 1996, 15% avg. Irrigation water supply 71% excellent, 28% good, 1% fair. Pasture feed, range 5% excellent, 56% good, 29% fair, 10% poor. Hay, roughage supplies 29% adequate, 50% short, 21% very short. Calving completed 89%. Lambing completed 90%. Activities: Planting small grains, onions, potatoes, dry peas, Sugar beets; feeding, caring for livestock, irrigating, hauling seed potatoes, weed control, fertilizing.

ILLINOIS: Days suitable for fieldwork 3.1. Topsoil 4% short, 72% adequate, 24% surplus. Fieldwork slowed to a halt last week as record cold temperatures hit statewide followed by heavy snow in the north at week's end. Damage to wheat, oats, alfalfa, fruit trees, vegetables, unmerged corn was widespread, only time will tell the severity of the damage. Most concern was with the peach, apple crops as many varieties were beginning to bud out just as the record cold hit. Transplanted vegetables in the north were frozen, will need to be replanted. Before the blast of arctic air hit, oats, peas, a limited amount of corn were being planted. Winter wheat, alfalfa hay conditions declined last week due to the unseasonable weather conditions. Other farm activities were spreading manure, applying herbicides, constructing soil conservation structures, plowing snow! Alfalfa hay 1% very poor, 2% poor, 27% fair, 60% good, 10% excellent. Pasture feed 2% very poor, 4% poor, 28% fair, 57% good, 9% excellent. Oats planted 63%, 64% 1996, 49% avg.

INDIANA: Days suitable for fieldwork 3.5. Topsoil 3% short, 68% adequate, 29% surplus. Subsoil 2% short, 69% adequate, 29% surplus. Fields are still too wet in many areas to support heavy equipment. Winter wheat 13% jointed, 3% 1996, 9% avg. It is too early to tell if the sub-freezing temperatures last week damaged the wheat crop. Range, pasture feed 4% very poor, 10% poor, 35% fair, 46% good, 5% excellent. Activities: Spreading fertilizer, applying anhydrous, applying herbicide, field preparation, corn planting, caring for livestock.

IOWA: Days suitable for fieldwork 1.3. Topsoil short 2%, adequate 73%, surplus 25%. Subsoil very short 1%, short 5%, adequate 81%, surplus 13%. 1997 row crops primary seedbed preparation completed 45%, 56% 1996, 49% avg.; fertilizer application completed 52%, 61% 1996, 52% avg. Oats planted 38%, 30% 1996, 45% avg. Winter wheat 1% very poor, 3% poor, 36% fair, 52% good, 8% excellent. Percent crop lost to winterkill 3% winter wheat, 9% alfalfa hay, 6% red clover hay. Cold, wet weather across the State, heavy snows to the south were very stressful on new calves. Wet, frigid conditions kept farmers out of the field for most of the week. Flooding is still a concern in the northwest, farmers across the State are now worried about getting a late start on planting row crops.

KANSAS: Days suitable for fieldwork 1.3. Topsoil 1% very short, 7% short, 65% adequate, 27% surplus. Subsoil 1% very short, 8% short, 74% adequate, 17% surplus. Wheat 1% very poor, 8% poor, 28% fair, 55% good, 8% excellent; jointing 50%, 7% 1996, 38% avg.; wind damage 2% moderate, 13% light, 85% none.; freeze damage 14% moderate, 34% light, 46% none. Unseasonably cold temperatures over the weekend have raised concern of freeze damage to the winter wheat crop. Freeze damage mostly in southern areas where more wheat has jointed, snow cover was lacking. Corn planted 4%, 5% 1996, 5% avg. Insect, disease infestations minimal. Pasture feed 6% poor, 26% fair, 61% good, 7% excellent. Major field activities included seedbed preparation, top dressing wheat. Livestock activities moving, selling cattle.

KENTUCKY: Days suitable for fieldwork 5.0. Topsoil 8% short, 69% adequate, 23% surplus. Subsoil 3% short, 70% adequate, 27% surplus. Below normal temperatures, rainfall last week. Hard frost mid-week. Freeze damage to early fruit crops potentially significant. About 2/3's of the fruit crop

were budding or in bloom when the freeze hit last week. Tobacco plant damage minimal; bed seeding 86% complete, 77% 1996, 81% avg. Plants up in 50% of beds, 33% 1996, 39% avg. Some wheat has jointed, however freeze damage to wheat crop unknown at present. Wheat average height 11 inches. Cool temperatures slowing growth. Wheat 2% very poor, 4% poor, 23% fair, 51% good, 20% excellent. Barley 1% very poor, 2% poor, 12% fair, 47% good, 38% excellent. Pasture feed 1% very poor, 12% poor, 30% fair, 46% good, 11% excellent. Recent cool, wet weather has slowed pasture growth. Many pastures are short, producers are still feeding winter hay.

LOUISIANA: Days suitable for fieldwork 4.0. Soil moisture 2% short, 55% adequate, 43% surplus. Corn 3% poor, 36% fair, 56% good, 5% excellent; 83% planted, 95% 1996, 89% avg.; 67% emerged, 85% 1996, 67% avg. Corn producers unable to plant because of wet conditions, were considering alternate crops due to the lateness of the season. Cotton 0% emerged, 0% 1996, 0% avg.; growers were preparing to plant. Hay 3% 1st cutting, 3% 1996, 1% avg. Rice 32% emerged, 32% 1996, 27% avg.; growers continued to report problems with water mold. Sorghum 0% emerged, 1% 1996, 3% avg. Spring plowing 60% plowing, 88% 1996, 69% avg. Sugarcane 5% poor, 31% fair, 48% good, 16% excellent; producers were busy with weed control. Sweet potatoes 0% planted, 0% 1996, 0% avg. Wheat 7% poor, 44% fair, 48% good, 1% excellent; 72% headed, 50% 1996, 59% avg.; 0% turning color, 0% 1996, 3% avg. Livestock 1% very poor, 9% poor, 39% fair, 47% good, 4% excellent. Vegetables 1% very poor, 13% poor, 40% fair, 43% good, 3% excellent. Pasture feed 1% very poor, 7% poor, 35% fair, 51% good, 6% excellent. Pasture growth was sluggish due to cool nighttime temperatures.

MARYLAND: Days suitable for fieldwork 4.8. Subsoil 85% adequate, 15% surplus. Topsoil 88% adequate, 12% surplus. Winter wheat 1% very poor, 3% poor, 32% fair, 52% good, 12% excellent. Barley 2% very poor, 6% poor, 23% fair, 57% good, 12% excellent. Rye 1% poor, 29% fair, 58% good, 12% excellent. Field corn 7% planted, 3% 1996, 2% avg. Sweet corn 9% planted, 4% 1996, 6% avg. Apples 33% bloomed, 0% 1996, 7% avg. Peaches 40% bloomed, 1% 1996, 21% avg. Reports throughout various parts of State reporting frost damage to early peaches, amount of damaged to be determined. Strawberries 25% bloomed, 5% 1996, 13% avg. Some reports of frost damage to strawberries. Hay supplies 9% very short, 24% short, 64% adequate, 3% surplus. Range, pasture feed 2% poor, 25% fair, 58% good, 15% excellent. Activities: Preparing soil for planting, starting to plant field crops, vegetables.

MICHIGAN: Freezing temperatures, wet weather slowed fieldwork this past week. A few farmers began pruning the orchards, commented that the cold temperatures may have damaged some fruit. Major activities included top dressing wheat, hauling manure, repairing equipment. Livestock conditions were average. Lambing, calving are still underway. Feed was said to be expensive, short supply.

MINNESOTA: Much below normal temperatures and severe river flooding have dominated the State's weather. Major spring wheat, barley, sugar beet counties in the northwest currently have large portions of their cropland under water from Red River flooding, so are expecting extreme planting delays. On higher ground in the northern half of the State, snow cover and lake ice are still thick. In contrast, southern areas will be ready to begin fieldwork after a week or so of seasonably warm weather, which is expected to resume this week.

MISSISSIPPI: Days suitable for fieldwork 4.6. Soil moisture 2% short, 67% adequate, 31% surplus. Corn 58% planted, 45% 1996, 39% avg.; 22% emerged, 22% 1996, 18% avg.; 1% poor, 29% fair, 60% good, 10% excellent. Wheat 83% jointing, 76% 1996, 80% avg.; 20% heading, 2% 1996, 9% avg.; 4% poor, 29% fair, 53% good, 14% excellent. Watermelons 33% planted, 20% 1996, 22% avg.; 1% poor, 29% fair, 67% good, 3% excellent. Cattle 5% poor, 22% fair, 49% good, 24% excellent. Pasture feed 4% poor, 23% fair, 51% good, 22% excellent. Hay supply 8% short, 68% adequate, 24% surplus. Feed grain 3% short, 85% adequate, 12% surplus. Activities: Planting corn, land preparation for other crops, caring for livestock

MISSOURI: Days suitable for fieldwork 1.9. Topsoil 1% short, 48% adequate, 51% surplus. A blast of arctic weather settled over the State during the past week, bringing abnormally cold temperatures coupled with wintry weather. The extent of any possible damage to winter wheat or early

planted corn is unknown. Minimal fieldwork, corn planting occurred, except in the Bootheel, where corn planting advanced to over 50% complete. Most favorable winter wheat found north-central, northeastern, central, east-central, southwest, while less favorable ratings exist across the southeast region of the State. Oats sown 76%, 71% 1996, 64% avg. Ground tilled for spring crops 57%, 71% 1996, 59% avg. Pasture feed, range 5% poor, 33% fair, 54% good, 8% excellent.

MONTANA: Days suitable for fieldwork 0.2. Topsoil 21% surplus, 75% adequate, 4% short. Subsoil 11% surplus, 77% adequate, 11% short, 1% very short. Cold temperatures, snow were the norm for the first part of the week with milder temperatures by the end of the week. Field tillage work in progress 91% none, 8% just started, 1% well under way. Crop progress for oats and sugar beets 0% planted with barley at 2% planted, 0% 1996, 14% avg.; spring wheat 1% planted, 0% 1996, 10% avg. Winter wheat spring stages 38% still dormant, 57% greening, 5% green and growing. Winter wheat wind damage 38% none, 55% light, 7% moderate, 0% heavy. Freeze damage to winter wheat 46% none, 35% light, 18% moderate, 1% heavy. Calving 80% complete, lambing 57% completed. Livestock receiving supplemental feed: cattle 98%, sheep 99%.

NEBRASKA: Day suitable for fieldwork 1.9. Topsoil 1% very short, 11% short, 77% adequate, 11 surplus. Subsoil 12% short, 84% adequate, 4% surplus. Heavy snow accumulation across much of the State halted fieldwork activities with crop producers having less than 2 days available for planting preparations. Increased soil moisture supplies were expected to benefit the wheat crop but raised additional concerns about flooding along the Missouri River. Corn producers were waiting for soils to dry, warm-up before planting this year's crop. Winter wheat condition 5% poor, 40% fair, 49% good, 6% excellent; effects of the recent wind, low temperatures were not fully known. Oats 38% seeded, 47% 1996, 45% avg.; 8% emerged, 5% 1996; Cattle 86% cows calved since January 1, 82% 1996; the late winter snow storm caused further stress to livestock; some calves were beginning to show signs of scours due to the cold, wet conditions; cattle, sheep losses were reported in the Panhandle; the storm greatly increased producers workload for livestock care, feeding. Pasture feed, range 3% poor, 32% fair, 58% good, 7% excellent. Activities: Limited oats seeding, spring tillage, stalk shredding, fertilizer applications, spring equipment preparation, livestock care.

NEVADA: Cold temperatures, particularly at nighttime, checked crop growth, bloom development. Sod harvest continued in the extreme south. Spring grain planting was in full swing, field preparations continued. Weed burning, ditch cleaning continued. Calving, branding, castrating, vaccinating were active. Lambing continued, while shearing was delayed due to the cold. Pasture feed, range fair to poor as many native forages remain dormant. Main farm, ranch activities: Ditch repair, working livestock, grain planting, field leveling, irrigating.

NEW ENGLAND: Maple sugaring activities nearly complete. Operators tending livestock, spring calving starting. Preparing pastures for spring turn out. Spreading stacked manure on well drained fields. Growers moving apples, potatoes out of storage. Garden centers, greenhouses gearing up for spring seed, seedling sales.

NEW JERSEY: Days suitable for fieldwork 6. Topsoil adequate. Farmers are busy plowing, discing, spreading fertilizer, layering plastic, seeding, transplanting. Planting of spring vegetables, cabbage, asparagus, turnips, snap beans. Light harvest of asparagus, dandelion, kale, spinach, arugula, cilantro, leeks. Quality is good. Transplanting of leafy greens, including romaine, iceberg lettuces. Peaches are in full bloom. Some peach blocks experienced damage as a result of the cold on April 10, 11. Strawberries are blooming under plastic, with some crop loss. Apples are in half green stage. Planting of corn, potatoes, early soybeans. Wheat crop seems to have wintered well and looks good. Pastures feed good condition.

NEW MEXICO: Days suitable for fieldwork 5.5. Soil moisture 9% very short, 20% short, 70% adequate, 1% surplus. Farmers in the south continue planting cotton, 15% complete, 4% 1996, 13% avg.; continue planting chile, 89% complete. Chile 1% very poor, 2% poor, 6% fair, 90% good, 1% excellent. Lettuce 4% fair, 60% good, 36% excellent. Onion 3% fair, 77% good, 20% excellent. First cutting of alfalfa is expected to begin in the southern part of the State around May 1. Alfalfa 1% poor, 18% fair, 72%

good, 9% excellent. Elsewhere in the State farmers continued land preparation for spring planting, fertilizing, irrigating. Wheat farmers, in northern counties, are anticipating freeze damage to their crop. Damage has not yet been accessed. Winter wheat 2% very poor, 9% poor, 36% fair, 50% good, 3% excellent. Ranchers continued supplemental feeding of livestock, calving, branding. Cattle, sheep mostly in fair to good condition. Range, pasture feed 2% very poor, 9% poor, 39% fair, 49% good, 1% excellent.

NEW YORK: Warmer temperatures began to melt snow, made outside activities easier. However temperatures remained below normal for the week. Maple syrup production continues. There is some spring plowing on drier fields. Producers tending livestock, spreading manure. Spring is currently on hold.

NORTH CAROLINA: Days suitable for fieldwork 5.8. Several evenings of freezing temperatures damaged some of the fruit, vegetable, newly planted tobacco crops. Areas along the Coastal Plain continued to experience drier weather which allowed farmers to make significant progress in corn, tobacco planting, shortened soil moisture in that part of the State. Mountain Region received above average rainfall totals which slowed fieldwork there. Soil moisture 5% very short, 16% short, 73% adequate, 6% surplus. Activities: Planting corn, tobacco, cabbage, Irish potatoes; preparation of tobacco, peanut, cotton land for planting; maintaining pastures; tending livestock; repairing equipment; general farm maintenance.

NORTH DAKOTA: Moving cattle to avoid floodwater has been a major activity. Some rural areas are still without electricity after the early April blizzard. Average snow depth melted to 5.4 in. Expected statewide average start of fieldwork is May 2, behind five-year average starting date of April 22. No durum plantings were reported, same as last year, average. Cattle, calf death loss drastically increased and livestock condition declined. Cattle 4% very poor, 15% poor, 39% fair, 40% good, 2% excellent; sheep 3% very poor, 10% poor, 34% fair, 49% good, 4% excellent. Cattle, calf death loss 100% above normal; sheep and lamb death loss 34% above normal. Spring calving advanced to 60%, lambing to 66%. Pasture feed, ranges 99% dormant; 31% open for grazing.

OHIO: Days suitable for fieldwork 4.6. Topsoil 10% short, 77% adequate, 13% surplus. Fieldwork continues mostly in the preparation stage. Farmer activities include; preparing machinery; top dressing winter wheat; hauling manure; applying lime, anhydrous ammonia, dry fertilizer, herbicides; plowing, chiseling, discing corn stocks; planting some early season crops. Tobacco beds are 62% seeded. Some sweet corn was planted in southern third of State. Potato planting is at 4% compared to less than 1% last week, 2% 1996, 5% avg. Peaches, pears, apples, cherries are in bloom in southern counties. Full bloom for apples is expected on 25th. Full bloom for peaches is expected on 20th. Damage to fruit tree crops due to cold weather is expected to be extensive. Apple conditions fell to 12% very poor, 19% poor, 39% fair, 27% good, 3% excellent. Last week apple conditions 30% fair, 56% good, 14% excellent. Peach condition declined to 32% very poor, 18% poor, 17% fair, 2% excellent. Hay 2% very poor, 8% poor, 36% fair, 46% good, 8% excellent. Pasture feed 3% very poor, 10% poor, 37% fair, 44% good, 6% excellent.

OKLAHOMA: Days suitable for fieldwork 2.7. Topsoil 74% adequate, 26% surplus. Subsoil 1% short, 87% adequate, 12% surplus. Wheat 91% jointing, 52% 1996, 76% avg. Oats 58% jointing, 23% 1996, 36% avg. Corn 84% seedbed prepared, 86% 1996, 84% avg.; 16% planted, 18% 1996, 21% avg.; 6% up-to-stand, 6% 1996, 7% avg. Sorghum 20% seedbed prepared, 20% 1996, 32% avg. Previous week sorghum seedbed prepared was revised because of Panhandle reports which were missing. Soybeans 39% seedbed prepared, 47% 1996, 39% avg.; 4% planted, 7% 1996, 4% avg. Peanuts 41% seedbed prepared, 47% 1996, 46% avg. Cotton 63% seedbed prepared, 33% 1996, 55% avg. Livestock 3% poor, 19% fair, 76% good, 2% excellent. Pasture feed, range 4% poor, 29% fair, 63% good, 4% excellent. Prices of feeder steers, heifers were generally steady to slightly higher for the week.

OREGON: Days suitable for fieldwork 6.2. Topsoil 12% short, 83% adequate, 5% short. Subsoil 5% short, 87% adequate, 8% surplus. All barley 74% planted, 37% 1996, 54% avg. Pasture feed 11% poor, 21% fair, 50% good, 18% excellent. Activities: Eastern grain field preparations continued, despite cool, wet weather. Spring grains mostly planted. Klamath

Basin sugar beet planting started. Western fall seeded grain, hay fields growing slowly, cold nights. Nursery, greenhouse spring activities underway. Shipping balled, burlapped nursery stock, large trees. Container sales continued. Christmas tree planting continued. Vegetable field preparation continued, statewide. Eastern spring vegetable fieldwork started despite dry, windy, cool conditions. Willamette Valley: cold nights delayed vegetable plantings, caneberrys greening up, strawberries continued to show growth, some strawberry blossoms, hazelnuts leafing out, catkins falling, some eastern filbert blight sprays applications to hazelnuts, wine grapes showing buds, fruit crops continued various stages of bloom. Hood River Valley: pears bloom stage lower valley, apples tight cluster stage, fungicide applications, pruning continued. Rogue River Valley: pears continued bloom stage, frost prevention continued. Milton-Freewater district: cherries, prunes full bloom, apples buds showing color. Southern coast: Stevens variety cranberries hook stage. Livestock good-excellent condition. Eastern pasture feed very dry, little spring growth. Freezing, snow continued, eastern sections. Western pasture feed greened up, lowlands very wet. Statewide calving, lambing neared completion. Branding, spring grazing turnout underway.

PENNSYLVANIA: Days suitable for fieldwork 4.8. Soil 1% very short, 28% short, 61% adequate, 10% surplus. Plowing 39% complete, 14% 1996, 17% avg. Oats planted 35% complete, 13% 1996, 14% avg. Potatoes planted 5% complete, 3% 1996, 3% avg. Tobacco beds planted 87% complete, 78% 1996, 48% avg. Wheat 1% very poor, 4% poor, 19% fair, 62% good, 14% excellent. Alfalfa and alfalfa mixtures stand 1% very poor, 3% poor, 30% fair, 60% good, 6% excellent. Timothy clover stand 4% very poor, 5% poor, 26% fair, 55% good, 10% excellent. Peaches 20% pink, 9% 1996, 7% avg.; 5% full bloom or past, 0% 1996, 0% avg. Cherries 18% pink, 3% 1996, 5% avg.; 1% full bloom or past, 0% 1996, 0% avg. Apples 15% pink, 1% 1996, 2% avg.; 1% full bloom or past, 0% 1996, 0% avg. Activities: Some plowing, planting of oats; fixing fences; machinery maintenance, storing; hauling manure; caring for livestock.

SOUTH CAROLINA: Soil moisture 2% very short, 34% short, 62% adequate, 2% surplus. Cantaloupes 83% planted, 48% 1996, 48% avg.; 3% very poor, 3% poor, 46% fair, 45% good, 3% excellent. Corn 92% planted, 56% 1996, 67% avg.; 1% poor, 21% fair, 74% good, 4% excellent. Cucumbers 85% planted, 45% 1996, 48% avg.; 6% fair, 43% good, 51% excellent. Hay 26% harvested, 9% 1996, 6% avg.; 1% poor, 25% fair, 65% good, 9% excellent. Rye 69% headed, 20% 1996, N/A avg.; 8% turn color, N/A 1996, N/A avg.; 1% poor, 23% fair, 71% good, 5% excellent. Snap beans 70% planted, 32% 1996, 41% avg.; 40% good, 60% excellent. Tobacco 56% planted, 22% 1996, 24% avg.; 36% fair, 64% good. Tomatoes 82% planted, 58% 1996, 77% avg.; 12% fair, 36% good, 52% excellent. Watermelons 91% planted, 37% 1996, 57% avg.; 6% poor, 29% fair, 58% good, 7% excellent. Winter wheat 71% headed, 5% 1996, 12% avg.; 2% poor, 20% fair, 63% good, 15% excellent. Barley 6% fair, 74% good, 20% excellent. Peaches 7% fair, 45% good, 48% excellent.

SOUTH DAKOTA: Temperatures below normal, precipitation light to moderate. Topsoil 28% adequate, 72% surplus. Subsoil 1% short, 33% adequate, 66% surplus. Day suitable for fieldwork 0.0. Expected date to start fieldwork, April 26th. Winter wheat acreage 60% breaking dormancy, winter rye 45% breaking dormancy. Winter freeze damage for winter wheat 21% none, 21% light, 36% moderate, 22% severe. Winter freeze damage for winter rye 55% none, 30% light, 15% moderate. Winter rye 2% poor, 33% fair, 53% good, 12% excellent. Livestock 1% very poor, 6% poor, 35% fair, 51% good, 7% excellent. Calving 52% complete. Newborn calf death losses 4% below average, 64% average, 32% above average. Lambing 63% completed. Newborn lamb death losses 3% below average, 69% average, 28% above average. Feed supplies 6% very short, 19% short, 70% adequate, 5% surplus. Stock water 48% adequate, 52% surplus.

TENNESSEE: Corn planting was underway last week as fields finally dried out enough for farmers to move in planters. Farmers eagerly planted corn at every possible opportunity in hopes of wrapping up soon so that cotton planting can get underway. Other farming activities included applying fertilizers on pastures and hay fields and substantial land preparation. Floodwaters along the Mississippi River have finally decreased from flood stage; however, farmers remain leery of flooding north of Tennessee which is expected to head this way. Days suitable for fieldwork 5.0. Topsoil 2% short, 83% adequate, 15% surplus. Subsoil 80% adequate, 20% surplus. Corn 33% planted, 19% 1996, 20% avg. Tobacco 95% seeded, 86% 1996,

90% avg.; 76% plants up, 53% 1996, 59% avg. Wheat 1% very poor, 4% poor, 24% fair, 53% good, 18% excellent; 85% jointed, 51% 1996, 54% avg. Apples 96% budding or beyond, 81% 1996, 82% avg.; 81% blooming or beyond, 49% 1996, 45% avg. Peaches 97% budding or beyond, 93% 1996, 95% avg.; 90% blooming or beyond, 76% 1996, 85% avg. Pasture feed 4% poor, 19% fair, 65% good, 12% excellent. Cattle 3% poor, 19% fair, 66% good, 12% excellent.

TEXAS: Weather maker of the week was a very strong, unusually late cold front that moved rapidly across the State. The front spawned heavy rains, hail, and tornadoes, as well as freezing temperatures in the High Plains. Strong winds associated with the front caused scattered damage as the front moved across the State. Most areas of the State remained wet, with very little fieldwork occurring during the week. Several weeks of warmer, open weather is needed in most areas. Cooler weather and continued wet conditions in many areas have slowed seed germination and growth of emerged crops. Livestock markets continued to show improvement. Ranges and pastures continued to show excellent growth, with greening in most areas. Some fertilizing and weed spraying occurred.

Crops: Extremely low temperatures in the High Plains caused widespread damage. However, the extent of the damage cannot be fully determined until warm-up occurs. Most fields were in the boot stage of development at the time of the frontal passage. Isolated hail damage also occurred in the Plains. Fields continued to head out in the Blacklands and central areas. Rust and mildew problems continued to show in some fields. Recent rainfall has been beneficial. However, it is time for sunny, open weather for heads to properly fill. A few corn fields were planted in the High Plains early in the week. However, progress was very slow because of the wet fields. By late week, all progress stalled on the Plains. Cool, excessively wet soils have slowed seed germination and growth on emerged fields in parts of the Blacklands and central areas. There are, however, many good stands that need open, sunny weather to make good progress. A little planting occurred along the Upper Coast early in the week. However, most producers remained far behind. Statewide condition rated 68% of normal compared with 57% last year at this time, 50% planted, 55% in 1996, and 52% of the 5-year average.

Cotton planting was slowly increasing in parts of the central areas early in the week. Cold, wet conditions kept progress to a minimum. Recent heavy rains in many southern and coastal areas will cause replanting to occur and could cause a change to alternative crops. Condition was 7% planted, 12% 1996, and 13% of the average. Grain sorghum planting was slowly increasing in more areas early in the week. Emerged fields were showing slow growth because of the continued wet, cool conditions. Statewide condition rated 77% of normal compared with 52% in 1996. 37% planted, 44% in 1996, and 49% of the average. Rice planting progress again is minimal along the Upper Coast during the week. A few fields have been planted and are emerging to good stands. Crop condition is 6% planted, 59% in 1996, 44% avg., 1% emerged, 29% in 1996, and 17% of the average. Soybean planting is increasing through the midweek in many Blackland areas. Cool weather is slowing emergence. Condition is 8% planted, compared with 13% in 1996, and 5% of the average. Sugar beets in many fields have been planted on the High Plains. However, there could be some damage to emerged fields from extremely low temperatures. Condition was 25% planted, compared with 27% in 1996, and 39% of the average.

Commercial Vegetables: Rio Grande Valley, wet fields have slowed onion harvest. Harvest other vegetables also slow during week. Melon fields showing good progress. San Antonio-Winter Garden, recently planted watermelon fields making slow progress. High Plains, isolated hail, cold temperatures caused some damage young onion transplants. Emerged potato fields could also see some damage as warmer temperatures return. East, sweet potato beds continued to be prepared. Activity minimal on other vegetables. Trans-Pecos: chili planting made good progress. Peaches: Cold temperatures in Hill Country late week not expected to cause damage to crop. A good crop expected after a light crop last year. Fruit thinning will be necessary many groves East, Central areas. Pecans: Prospects remained very good most areas as trees beginning set small nuts some areas. Many trees Central areas showing many catkins. Zinc spraying occurred some groves during week.

Range and Livestock: Continued improvement seen most areas during week. Some producers spraying weeds, applying fertilizer where conditions allowed. The blast of cold air caused some problems livestock in Plains. Livestock markets continued show improvement during week. Body conditions good on all classes of livestock for week.

UTAH: Days suitable for fieldwork 4.1. Topsoil 11% short, 70% adequate, 19% surplus. Subsoil 6% short, 83% adequate, 11% surplus. Winter wheat 4% poor, 53% fair, 20% good, 23% excellent. Fall barley 4% very poor, 2%

poor, 56% fair, 34% good, 4% excellent. Pasture feed, range 7% very poor, 14% poor, 21% fair, 46% good, 12% excellent. Spring wheat planted 57%, 72% 1996, 62% avg.; emerged 16%, 33% 1996, 26% avg. Barley: planted 63%, 68% 1996, 62% avg.; emerged 11%, 32% 1996, 26% avg. Oats: planted 28%, 26% 1996, 33% avg.; emerged 6%, 18% 1996, 15% avg. Cattle, calf 1% poor, 31% fair, 61% good, 7% excellent. Sheep, lamb 19% fair, 74% good, 7% excellent. Cows calved 70%, 80% 1996, 74% avg. Ewes lambed: on farm 75%, 81% 1996, 79% avg.; on range 34%, 47% 1996, 42% avg. Sheep sheared: on farm 65%, 69% 1996, 69% avg.; on range 40%, 56% 1996, 50% avg. Major farm, ranch activities: Spring planting, spring tillage, fixing irrigation equipment, spraying fruit, pruning fruit, shearing sheep, lambing, calving. Last week's cold spell, snow slowed spring planting. Death loss of calves, lambs were normal.

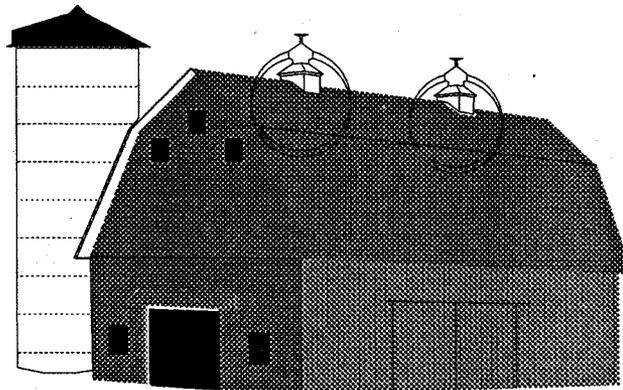
VIRGINIA: Days suitable for fieldwork 5.3. Topsoil 30% short, 64% adequate, 6% surplus. Subsoil 8% short, 85% adequate, 7% surplus. Corn 5% planted, 6% 1996, 7% avg. Winter wheat 10% poor, 25% fair, 55% good, 10% excellent. Barley 5% poor, 25% fair, 65% good, 5% excellent. Apples 90% fair, 10% good. Peaches 53% very poor, 4% poor, 12% fair, 29% good, 2% excellent. Tobacco greenhouses 100% seeded, 100% 1996, 100% avg.; 5% fair, 45% good, 50% excellent. Tobacco plantbeds 99% seeded, 99% 1996, 98% avg.; 5% very poor, 5% poor, 20% fair, 60% good, 10% excellent. Summer potatoes 90% planted, 98% 1996. Pasture feed 5% poor, 25% fair, 65% good, 5% excellent. Alfalfa 10% fair, 75% good, 15% excellent. Other Hay 10% fair, 75% good, 15% excellent. Sub-freezing temperatures 9th, 10th nights hurt apple, peach trees already bloomed. Other tender vegetation also damaged by cooler temperatures but full extent of damage will not be known for a few weeks. Cooler temperatures also delayed maturation of small grains. Producers busy tilling, spraying, fertilizing fields in preparation for planting. Corn planting in full swing. Alfalfa being sprayed for weevils, leaf hopper.

WASHINGTON: Topsoil 1% short, 57% adequate, 42% surplus; subsoil 97% adequate, 3% surplus. Hay, other roughage supplies, 50% very short, 27% short, 21% adequate, 2% surplus. Flooding in mid-March caused considerable damage in Grays Harbor, Pacific, Lewis counties of western Washington. Grays Harbor estimated preliminary losses in excess of \$1,000,000. Along with flood cleanup efforts, major activities in western Washington included rhubarb, daffodil harvesting, orchard and raspberry field punning, applying fertilizer, herbicides to planted Christmas tree fields. Livestock were on limited pasture forage while most pastures remain saturated. In central areas field crop tillage got underway. Vegetable bed preparation began, while spring wheat, potato, green pea planting progressed. Tree planting was reported behind schedule in Chelan county, excessive mouse damage to trees was also reported. Wet field conditions have limited fieldwork in eastern Washington. Many fields, ranges are still under snow with Ferry, Pend Oreille counties reporting very short hay supplies. Some field crop seeding began, where possible, top-dress fertilizer application began. Winter wheat conditions in Whitman county were reported as generally good.

WEST VIRGINIA: Days suitable for fieldwork 5.0. Topsoil 7% short, 89% adequate, 4% surplus. Wheat 17% fair, 75% good, 8% excellent. Apple 100% poor. Peach 100% poor. Freezing temperatures midweek had growers accessing impact on apple, peach crops. Hay 1% very poor, 2% poor, 26% fair, 68% good, 3% excellent. Intended Acreage Prepared for Spring Planting 50%, 26% 1996. Corn 2%, 2% 1996. Oats 40%, 6% 1996, 18% avg.; emerged 12%, 0% 1996. Tobacco beds seeded 88%, 41% 1996, 69% avg. Tobacco beds emerged 29%, 18% 1996 and 29% avg. Cattle 12% fair, 83% good, 5% excellent; 86% calved. Sheep 11% fair, 85% good, 4% excellent; 92% lambed. Hay, roughage supplies 2% very short, 10% short, 85% adequate, 3% surplus. Feed grain supplies 6% short, 94% adequate. Activities: Field preparation, checking for damage to fruit crop, seeding tobacco beds, spreading fertilizer and lime, turning out livestock, repairing fences, calving, lambing, general maintenance.

WISCONSIN: Days suitable for fieldwork 1.4. Soil moisture 5% short, 70% adequate, 25% surplus. Southeast district had the least amount of moisture with 48% of the acreage being short. A reporter from Chippewa County commented that the Chippewa River caused some flooding further south. Mississippi River flooded 300 to 500 acres along the river in Buffalo County. Spring tillage 3% complete, compared to 2% 1996, 6% avg. High winds, low temperatures, snowfall in some areas hindered fieldwork statewide. Farmers in the Southeast district tilled 17% of the ground. In 1994, Wisconsin had 21% of the oat acreage planted. Winter wheat, alfalfa looked good so far in Walworth County. However, it may take another week or two to assess winter and spring damage in other areas of the state. Pasture feed 12% very poor, 24% poor, 44% fair, 14% good, 6% excellent. Many reporters observed that pastures were not ready for livestock yet. A reporter from Wood County noted some cranberry growers were unable to flood fast enough to get ahead of the dropping temperatures. Maple syrup production has been lower than usual due to unfavorable weather. Wet, cold conditions were also unfavorable for livestock producers who have begun their calving season. Other activities: Hauling manure, feeding livestock, soil sampling, preparing equipment for the planting season, top dressing winter wheat with nitrogen.

WYOMING: Days suitable for fieldwork 0.6. Topsoil 2% short, 77% adequate, 21% surplus. Subsoil 1% short, 84% adequate, 15% surplus. Winter wheat 49% fair, 51% good. Barley 67% planted, 51% 1996, 53% avg.; 5% emerged, 1% 1996, 11% avg. Oats 11% planted, 17% 1996, 20% avg.; 0% emerged, 2% 1996, 2% avg. Spring wheat 19% planted, 22% 1996, 21% avg.; 0% emerged, 3% 1996, 2% avg. Sugar beets 9% planted, 10% 1996, 22% avg. Range, pasture feed condition 3% poor, 19% fair, 77% good, 1% excellent. Stock water supplies mostly adequate. Spring calves born 77%, 74% 1996, 74% avg. Farm flock ewes lambed 85%, 86% 1996, 82% avg.; shorn 82%, 85% 1996, 82% avg. Range flock ewes lambed 13%, 16% 1996, 20% avg.; shorn 38%, 41% 1996, 46% avg. Calf, lamb loss mostly normal with heavy losses reported in the east. Spring blizzard early in the week with high winds, cold wind chills, heavy drifting brought fieldwork to a halt and left heavy calf lamb losses. Disaster declarations in the eastern half of the State.



March 1997

MONTHLY DATA FROM SELECTED FOREIGN CITIES
CLIMATE PREDICTION CENTER-NCEP-NWS-NOAA

***=DATA NOT AVAILABLE

International Weather and Crop Summary

April 6 - 12, 1997

HIGHLIGHTS

FSU-WESTERN: Unseasonably cold, damp weather slowed greening of winter grains and spring crop planting.

NORTHWESTERN AFRICA: Light, widespread rain in Morocco, Algeria, and Tunisia halted further deterioration in winter grain conditions.

EUROPE: Dryness persisted in Spain, Portugal, France, England, and northern Italy.

AUSTRALIA: Beneficial rain improved pre-planting moisture in Western Australia's winter grain belt.

SOUTH AFRICA: Drier, albeit unseasonably cool weather aided corn dry down but resulted in local frost.

SOUTHEAST ASIA: Scattered heavy rain slowed main-season rice harvesting across Java and second-crop rice harvesting in Thailand.

EASTERN ASIA: Light rain favored vegetative winter wheat across the North China Plain, and seasonably warmer weather allowed spring wheat planting to progress in Manchuria.

SOUTH AMERICA: In central Argentina, rain stabilized soybean yield potentials but slowed corn and sunflower harvesting. Mostly dry weather favored soybean harvesting in southern Brazil.

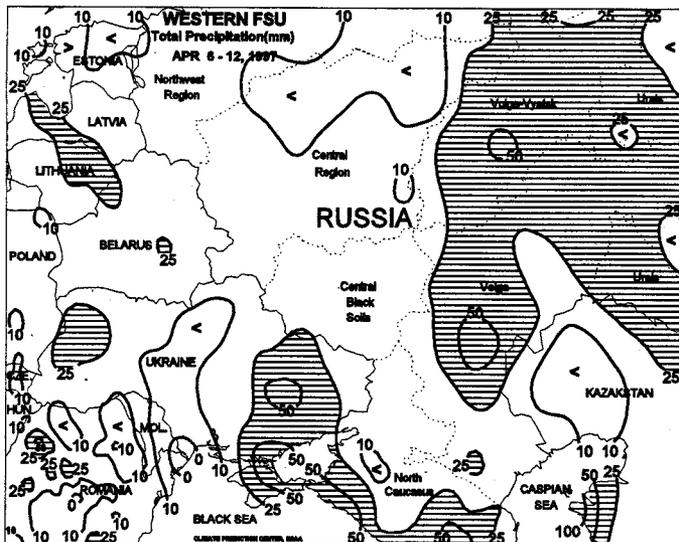
MEXICO: Early-season showers boosted low irrigation supplies and pre-planting moisture across eastern Mexico.

COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL	DPART F/NRM
NORWAY	OSLO	6	-3	16	-11	2	3.7	18	-34
SWEDEN	STOCKHOLM	7	-3	15	-11	2	1.8	21	-5
FINLND	HELSINKI	3	-4	13	-14	-1	2.2	32	-2
U KING	GLASGOW	11	4	14	-3	8	1.6	85	14
	EDINBURGH	11	5	14	-3	8	2.6	44	-7
	BIRMINGHAM	13	4	17	-2	9	3.0	18	-33
	LONDON	13	5	18	-1	9	2.9	13	-47
IRELND	DUBLIN	12	4	15	-3	8	1.6	17	-37
ICELND	REYKJAVIK	2	-2	9	-12	0	-0.3	100	18
DENMRK	COPENHAGEN	7	0	14	-8	4	1.7	15	-17
LUXEMB	LUXEMBOURG	12	5	18	0	8	3.8	24	-45
SWITZL	ZURICH	12	4	19	-1	8	3.9	21	-52
	GENEVA	14	2	22	-2	8	3.1	9	-70
FRANCE	PARIS/ORLY	14	6	20	0	10	***	11	**
	STRASBOURG	14	4	21	-3	9	3.4	18	-19
	BOURGES	15	4	23	-1	10	2.9	11	-49
	BORDEAUX	19	6	24	1	12	3.9	14	-62
	TOULOUSE	18	5	24	0	12	3.3	13	-44
	MARSEILLE	19	7	23	3	13	3.0	1	-43
SPAIN	VALLADOLID	20	4	23	1	12	4.4	0	-33
	MADRID	22	4	26	0	13	3.1	0	-47
	SEVILLE	26	11	30	8	18	3.4	0	-93
PORTUG	LISBON	24	13	27	11	18	4.9	3	-96
GERMNY	HAMBURG	9	2	17	-4	6	2.1	46	-11
	BERLIN	10	2	19	-4	6	1.8	33	-5
	DUSSELDORF	12	5	17	-3	9	2.6	33	-8
	LEIPZIG	10	3	19	-2	6	2.7	43	8
	DRESDEN	9	2	20	-4	6	2.4	44	7
	STUTTGART	12	3	20	-3	8	3.1	47	6
	NURNBERG	11	3	20	-4	7	3.2	43	-3
AUSTRI	VIENNA	10	1	16	-4	6	0.5	75	44
	INNSBRUCK	13	2	20	-2	7	2.6	72	24
CZECH	PRAGUE	9	1	18	-5	5	1.8	37	8
POLAND	WARSAW	7	-1	16	-7	3	0.9	28	-1
	LODZ	7	-1	15	-8	3	0.9	28	-8
	KATOWICE	8	-2	16	-9	3	1.0	39	1
	PRZEMYSL	7	-1	16	-8	3	0.7	26	-8
HUNGAR	BUDAPEST	11	1	18	-4	6	0.4	15	-14
F YUGO	BELGRADE	12	2	23	-2	7	-0.2	15	-37
ROMANI	BUCHAREST	11	-1	19	-7	5	1.0	83	51
BULGAR	SOFIA	9	0	19	-7	4	-0.8	48	8
ITALY	MILAN	20	6	27	2	13	4.6	4	-74
	VERONA	17	5	26	1	11	2.5	4	-53
	VENICE	15	5	20	1	10	2.6	9	-48
	GENOA	18	11	24	7	14	2.5	2	-85
	ROME	18	4	24	1	11	0.3	24	-40
	NAPLES	17	7	22	-2	12	1.6	54	-31
GREECE	THESSALONIKA	14	3	20	-3	9	-1.1	80	33
	LARISSA	14	3	21	-3	8	-1.3	24	-13
	ATHENS	15	8	21	3	12	-0.8	15	-19
TURKEY	ISTANBUL	9	3	18	-1	6	-0.2	81	18
	ANKARA	8	-5	15	-12	2	-3.3	17	-10
CYPRUS	LARNACA	18	7	21	3	13	-0.8	18	-21
ESTONI	TALLINN	4	-4	11	-14	0	2.0	27	-1
FSU	ST.PETERSBRG	2	-4	7	-12	-1	0.9	25	-7
LITHUA	KAUNAS	5	-2	13	-9	1	1.6	14	-19
FSU	MINSK	4	-3	14	-11	0	1.6	60	19
	KAZAN	-1	-8	9	-14	-4	1.1	28	3
	MOSCOW	2	-4	11	-15	-1	1.5	53	20
	YEKATERINBURG	1	-5	8	-12	-2	2.1	63	48
	OMSK	1	-7	7	-13	-3	4.9	17	3
	KUSTANAY	0	-8	6	-15	-3	4.8	10	-5
	NOVOSTBIRSK	2	-5	13	-10	-1	10.2	12	-3
	BARNAUL	4	-6	16	-13	-1	6.2	11	-8
	KHABAROVSK	-4	-14	11	-24	-9	-2.0	39	21
	VLADIVOSTOK	2	-5	10	-14	-2	0.4	16	-8
	KIEV	6	-1	14	-7	3	1.9	29	-8
	LVOV	6	-2	15	-8	2	1.2	30	-11
	KIROVOGRAD	5	-2	13	-11	1	1.8	15	-9
	ODESSA	7	1	16	-5	4	1.3	52	22

Based on Preliminary Reports

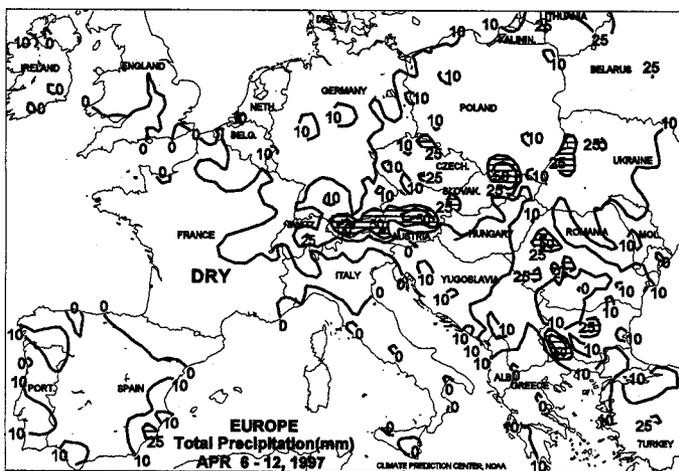
March 1997

COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)			COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)				
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRMM	TOTAL	DPART F/NRMM			AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRMM	TOTAL	DPART F/NRMM		
FSU	YALTA	8	1	16	-4	5	-1.60	116	74	KENYA	NAIROBI	29	15	31	10	22	1.6	36	-34		
	SARATOV	1	-3	8	-8	-1	3.4	38	18		TANZAN	DAR ES SALAAM	30	23	34	22	27	-0.3	271	138	
	KHARKOV	4	-2	13	-11	1	1.1	28	-1		GABON	LIBREVILLE	30	23	33	20	27	-0.3	151	-254	
	VOLGOGRAD	4	-2	13	-8	1	3.9	20	-10		TOGO	LOME	33	25	35	21	29	1.2	77	7	
	ROSTOV	5	-1	16	-7	2	0.0	35	-2		B FASO	OUGADOUGOU	37	24	40	19	30	-0.3	49	43	
	ASTRAKHAN	9	-1	18	-5	4	2.3	16	1		IVRY C	ABIDJAN	31	28	33	23	29	1.0	139	39	
	KRASNODAR	8	-1	24	-6	4	0.0	37	-19		MOZAMB	MAPUTO	30	22	36	18	26	0.6	63	-26	
	ORENBURG	0	-5	4	-15	-2	3.6	47	25		ZAMBIA	LUSAKA	**	**	28	14	**	***	47	-96	
	TSELNOGRAD	0	-7	9	-15	-3	7.3	10	1		ZIMBAB	HARARE	26	16	29	14	21	1.5	118	20	
	KARAGANDA	**	-8	14	-14	**	***	16	-2		S AFRI	PRETORIA	24	16	32	11	20	-0.6	388	309	
SYRIA	TBILISI	11	0	20	-4	6	-1.4	28	-1		JOHANNESBURG	23	14	30	11	19	0.4	330	240		
	TASHKENT	15	5	27	1	10	1.5	40	-31		BETHAL	22	12	29	8	17	-0.6	137	50		
	ASHKHABAD	15	4	32	-2	10	-0.1	57	15		DURBAN	27	20	31	16	24	-0.1	61	-67		
	DAMASCUS	16	2	25	-7	9	-2.3	6	-15		CAPE TOWN	25	14	31	8	20	0.4	2	-20		
	JERUSALEM	13	5	21	-1	9	-2.8	136	45	CANADA	TORONTO	3	-6	14	-14	-1	-0.6	72	15		
	KARACHI	29	20	36	14	24	-0.2	121	108			MONTREAL	0	-9	10	-17	-4	-2.1	97	30	
	AMRITSAR	27	12	33	5	20	0.6	36	-6			WINNIPEG	-5	-16	6	-28	-10	-3.5	6	-17	
	NEW DELHI	29	15	34	10	22	-0.5	9	-6			REGINA	-5	-15	6	-31	-10	-3.8	**	**	
	AHMEDABAD	38	21	39	17	28	0.8	0	0			SASKATOON	-4	-16	12	-31	-10	-2.7	20	5	
	INDORE	35	18	39	14	26	1.3	0	-3			LETHBRIDGE	5	-8	18	-29	-2	-0.9	34	8	
CALCUTTA	34	22	36	19	28	0.5	88	66			CALGARY	2	-10	18	-27	-4	-1.6	18	3		
VERAVAL	32	20	38	15	26	1.3	0	0			EDMONTON	-1	-10	14	-24	-5	-1.7	10	-7		
BOMBAY	34	22	39	19	28	1.3	0	0			VANCOUVER	10	3	17	-1	6	0.0	227	118		
POONA	36	18	38	11	26	-0.2	0	-3	MEXICO		GUADALAJARA	**	**	33	6	**	***	**	**		
BEGAMPET	36	21	39	17	28	0.0	29	15			MEXICO CITY	23	11	29	6	17	1.2	21	12		
VISHAKHAPATNAM	30	25	32	21	28	***	21	**			ACAPULCO	32	23	34	21	**	***	0	-4		
MADRAS	34	24	38	21	29	0.7	0	-6			BERMUD	ST. GEORGES	20	16	26	12	18	0.2	36	-77	
MANGALORE	34	24	38	22	29	0.8	1	-8			BAHAMA	NASSAU	28	20	31	17	24	2.1	16	-25	
KINGS PEAK	23	18	27	14	20	***	40	**			JAMAIC	KINGSTON	30	23	32	21	27	0.6	24	3	
PYONGYANG	**	**	17	-8	**	***	**	**			P RICO	SAN JUAN	**	**	31	21	**	***	46	-23	
SEOUL	12	3	20	-4	7	3.8	26	-30			GUADEL	RAIZET	30	21	31	19	25	0.7	47	2	
SAPORO	4	-3	14	-9	1	0.6	66	-16			MARTINQ	LAMENTIN	29	23	30	21	26	1.1	40	-35	
NAGOYA	16	5	20	0	10	2.7	92	-18			BARBAD	BRIDGETOWN	29	23	30	20	26	0.0	57	21	
TOKYO	14	7	25	3	11	2.3	113	14		TRINID	PORT OF SPAIN	31	22	32	20	26	0.6	27	-4		
YOKOHAMA	14	7	23	3	11	2.3	106	-12		COLOMB	BOGOTA	20	7	23	0	14	0.0	66	7		
KYOTO	15	5	22	0	10	2.2	95	-13		VENEZU	CARACAS	29	22	31	20	25	0.1	3	-20		
OSAKA	14	7	20	2	10	1.8	110	8		F GUIA	CAYENNE	29	23	31	21	26	0.4	249	-113		
THAILN	PHETCHABUN	36	22	39	18	29	0.5	65	19	BRAZIL	FORTALEZA	31	24	33	22	27	1.0	169	-172		
	BANGKOK	35	26	37	23	30	1.0	29	2			RECIFE	30	24	32	21	27	0.2	218	-41	
	KUALA LUMPUR	34	24	36	23	29	2.0	148	-68			BELO HORIZONTE	26	19	30	16	22	-1.3	192	36	
	HANOI	23	19	27	16	21	1.2	111	73			CAMPO GRANDE	31	20	33	15	26	0.8	77	-70	
	HARBIN	3	-8	15	-17	-2	4.4	2	-8			FRANCA	26	18	29	15	22	3.4	142	-39	
	HAMI	17	2	24	-10	9	5.1	1	0			RIO DE JANEIRO	**	**	31	22	**	***	22	-103	
	LANCHOW	15	3	23	-5	9	3.7	7	-2			SANTA MARIA	28	18	34	9	22	0.0	16	-134	
	BEIJING	14	4	25	-4	9	3.5	13	4			PORTO ALEGRE	29	17	35	10	23	-0.4	65	-24	
	TIENTSIN	13	3	24	-3	8	2.6	20	12			PERU	LIMA	26	20	33	18	23	0.7	0	0
	LHASA	12	-1	19	-9	6	0.9	10	8			BOLIVI	LA PAZ	12	3	15	0	7	-1.3	141	64
KUNMING	21	8	25	4	15	1.9	41	25		CHILE	SANTIAGO	27	11	36	5	19	1.6	10	8		
CHENGCHOW	15	5	27	0	10	2.2	41	16		ARGENT	IGUAZU	31	18	39	15	25	***	28	**		
YECHANG	16	9	25	6	13	2.1	44	-13			FORMOSA	32	19	37	15	26	0.1	48	-113		
HANKOW	18	10	24	5	13	3.0	34	-51			CERES	30	16	36	11	23	0.2	69	-66		
CHUNGKING	18	12	25	9	15	***	65	**			CORDOBA	27	16	33	11	21	0.9	40	-77		
CHIHKANG	16	10	26	4	13	2.5	105	32			RIO CUARTO	26	16	34	10	21	1.3	62	-57		
WU HU	15	8	23	1	11	***	107	**			ROSARIO	29	16	32	9	22	1.8	42	-124		
SHANGHAI	13	9	23	4	11	***	40	**			BUENOS AIRES	27	15	33	5	21	1.3	36	-70		
NANCHANG	17	11	28	5	14	3.7	99	-52			SANTO ROSA	27	14	36	7	20	1.0	84	-3		
TAIPEI	22	17	28	12	19	2.2	112	-62			TRES ARROYOS	24	13	32	6	18	0.3	59	-24		
CANTON	23	16	28	10	20	2.0	68	-17		N CALD	NOUMEA	29	24	36	22	26	1.0	47	-87		
NANNING	21	16	30	11	19	0.9	166	118		FIJI	NAUSORI	30	24	32	21	27	1.1	264	-148		
CNRY I	LAS PALMAS	24	17	30	14	21	2.4	34	23		SAMOA	PAGO PAGO	31	25	33	24	28	0.5	241	-55	
	CASABLANCA	22	12	28	5	17	2.4	11	-38		TAHITI	PAPEETE	30	24	33	22	27	0.1	340	145	
MOROCC	MARRAKECH	26	11	30	10	19	2.8	29	-3		AUSTRAL	DARWIN	31	25	34	24	28	-0.2	473	135	
ALGERI	ALGER	20	4	25	1	12	-1.1	11	-48			BRISBANE	27	19	30	16	23	-1.0	47	-98	
	BATNA	17	0	22	-4	8	-0.1	14	-29			PERTH	27	16	34	12	22	-1.1	27	13	
TUNISI	TUNIS	19	10	25	5	14	1.2	3	-41			CEDUNA	23	12	33	6	17	-2.6	6	-15	
NIGER	NIAMEY	37	25	42	20	31	-0.1	8	3			ADELAIDE	22	13	28	8	17	-2.7	2	-20	
MALI	TIMBUKTU	**	**	38	13	**	***	**	**			MELBOURNE	21	12	29	7	17	-1.8	11	-24	
	BAMAKO	36	24	39	20	30	-0.8	0	-3			WAGGA	26	12	35	5	19	-1.6	41	1	
MAURIT	NOUAKHOTT	32	19	37	13	25	1.1	0	0			CANBERRA	23	11	30	2	17	-0.6	30	-23	
SENEGL	DAKAR	27	19	38	17	23	2.1	0	0		INDONE	DJAKARTA	32	24	37	21	28	1.6	238	**	
CHAG A	DIEGO GARCIA	**	27	33	26	**	***	136	-92		PHILIP	MANILA	31	25	34	23	28	0.2	2	-9	
LIBYA	TRIPOLI	18	8	24	6	13	-2.3	20	-13												
	BENGHAZI	17	9	22	6	13	-2.5	28	4												
EGYPT	CAIRO	21	12	27	9	16	-1.3	13	7				</								



FSU-WESTERN

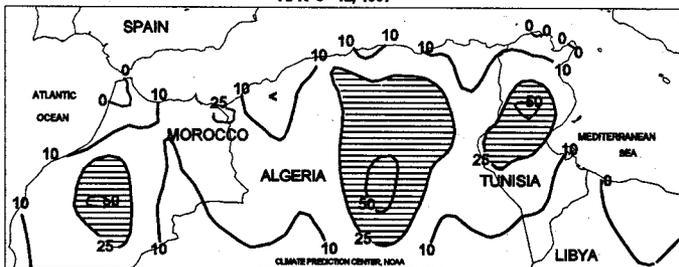
Unusually cold weather returned to winter grains in Russia, Ukraine, Belarus, and the Baltics and was accompanied by periodic precipitation. Rainfall generally ranged from 10 to 25 mm, with greatest amounts of moisture (25-64 mm) falling in extreme western and eastern Ukraine, and the Volga Valley and Volga Vyatsk regions in Russia. The cold, damp weather likely slowed spring grain planting typically underway in Ukraine, southern Belarus, and southern Russia. Weekly temperatures averaged 2 to 5 degrees C below normal in most areas. The cold weather slowed further greening of winter grains in Ukraine and the North Caucasus region. Winter grains in northern Russia, northern Belarus, and the Baltics remained dormant. Crop development in southern Russia was about 2 to 3 weeks behind normal.



EUROPE

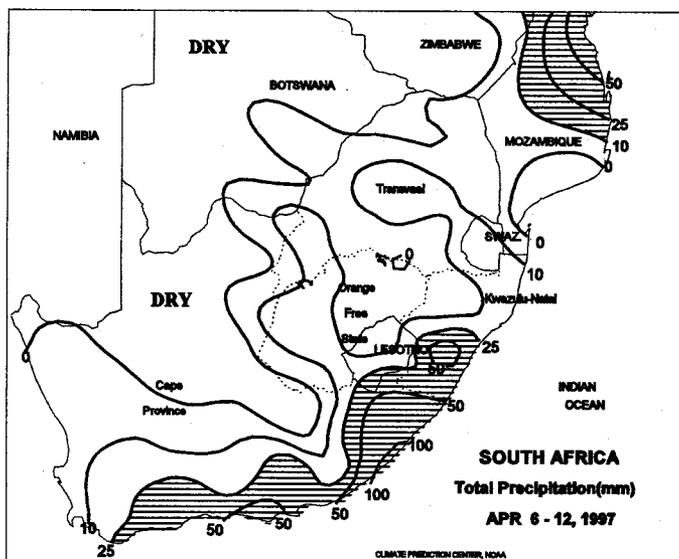
Light, if any, precipitation (mostly less than 10 mm, with isolated amounts in excess of 10 mm) fell in Spain and Portugal, maintaining a well-below-normal precipitation pattern that has persisted since late January. As a result, the condition of nonirrigated winter grains in or entering reproduction continued to worsen, while the dryness lowered emergence prospects for summer crops. Prolonged dryness has also prevailed over England, France, and northern Italy. Although the dryness in these areas has favored rapid spring grain and sugar beet planting, rain is needed for emergence and early establishment. Furthermore, rain is needed for winter grains in the jointing stage, especially in areas with lighter soils. In Germany, although light showers (5-12 mm) maintained favorable topsoil moisture for winter grains, unseasonably cool weather slowed crop development. In eastern Europe, cool, damp weather spread from Poland southward through Bulgaria. Weekly temperatures averaged 2 to 7 degrees C below normal in eastern Europe, slowing winter grain development and emergence of newly planted spring grains.

NORTHWEST AFRICA Total Precipitation (mm)
APR 6-12, 1997



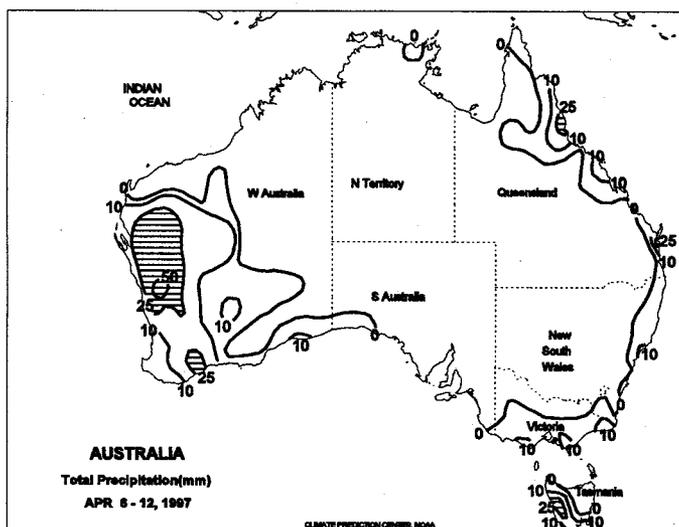
NORTHWESTERN AFRICA

Winter grains were typically in the filling stage over most areas. Widespread light showers (5-25 mm) fell over winter grain areas in Morocco, Algeria, and Tunisia. The rain came too late to significantly improve yield prospects for winter grains severely stressed by drought. However, the moisture halted further deterioration in crop conditions. Weekly temperatures averaged 2 to 4 degrees C above normal in western Algeria and Morocco and 1 to 3 degrees C below normal in eastern Algeria and Tunisia.



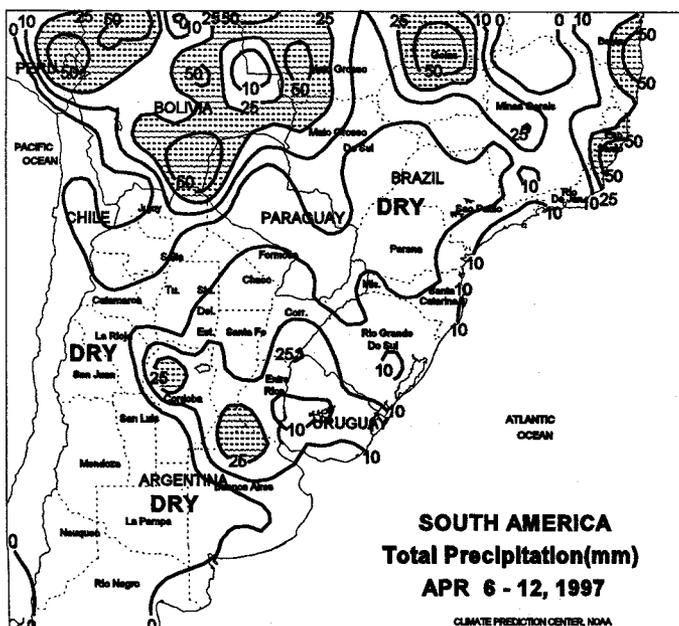
SOUTH AFRICA

Cool, drier weather covered the corn belt. Rainfall generally averaged 10 mm or less in the primary production areas, helping to alleviate excessive moisture on maturing corn. However, lows fell to near freezing (1-3 degrees C) throughout the area, causing patchy local frost but not significant crop damage. Elsewhere, widespread, locally heavy rain (20-50 mm or more) continued in coastal crop areas of Kwazulu-Natal and the southern Cape Provinces. While slowing sugarcane and other harvests, the moisture benefited winter wheat areas of Western Cape. The western growing region, however, received less than 10 mm and needs more rain for proper germination and establishment.



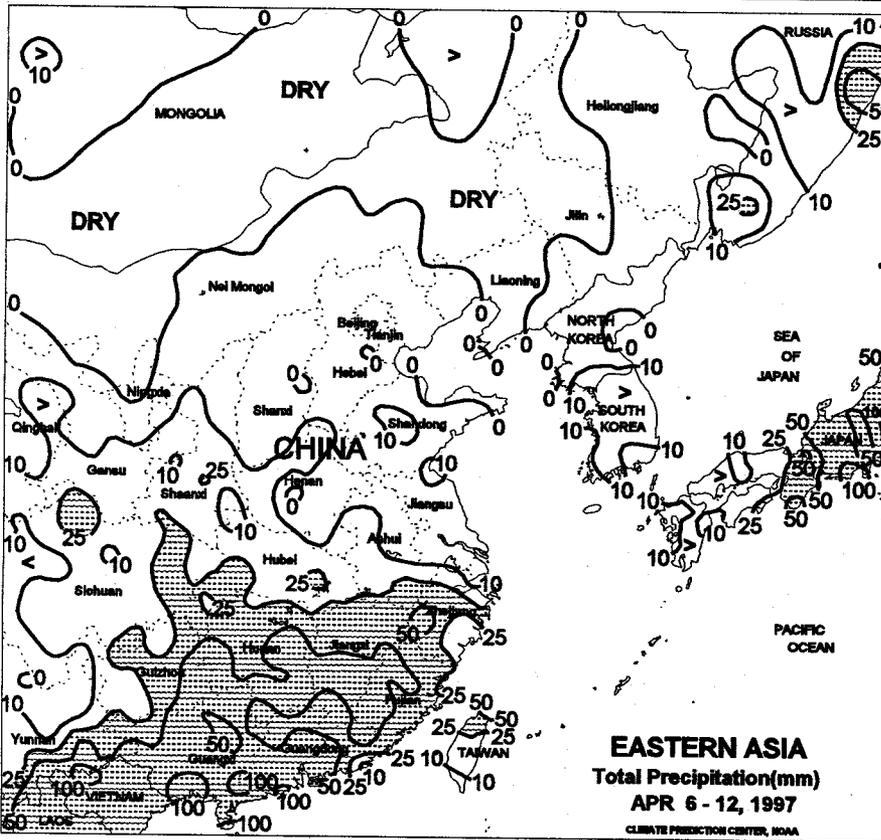
AUSTRALIA

Beneficial rain continued throughout Western Australia's winter grain belt, improving pre-planting moisture reserves. Rainfall totaled 9 to 29 mm in the main agricultural areas. Farther east, dry weather favored cotton and sorghum harvest. The southeastern winter grain belt remained unfavorably dry. Winter grain planting usually runs from May through July, beginning in the traditionally warmer northern areas and spreading southward as soil moisture permits. Although dryness in the southeast is an early cause for concern, plenty of time remains to accumulate needed moisture. Along the eastern coast, showers were patchy and light (3-28 mm) in the main sugarcane areas. Sugarcane harvesting typically begins in July. In New Zealand, moderate to heavy rain (22-57 mm) covered pasture and grazing areas of North Island. Lighter rain (25 mm or less) fell over cropland in northern and eastern South Island.



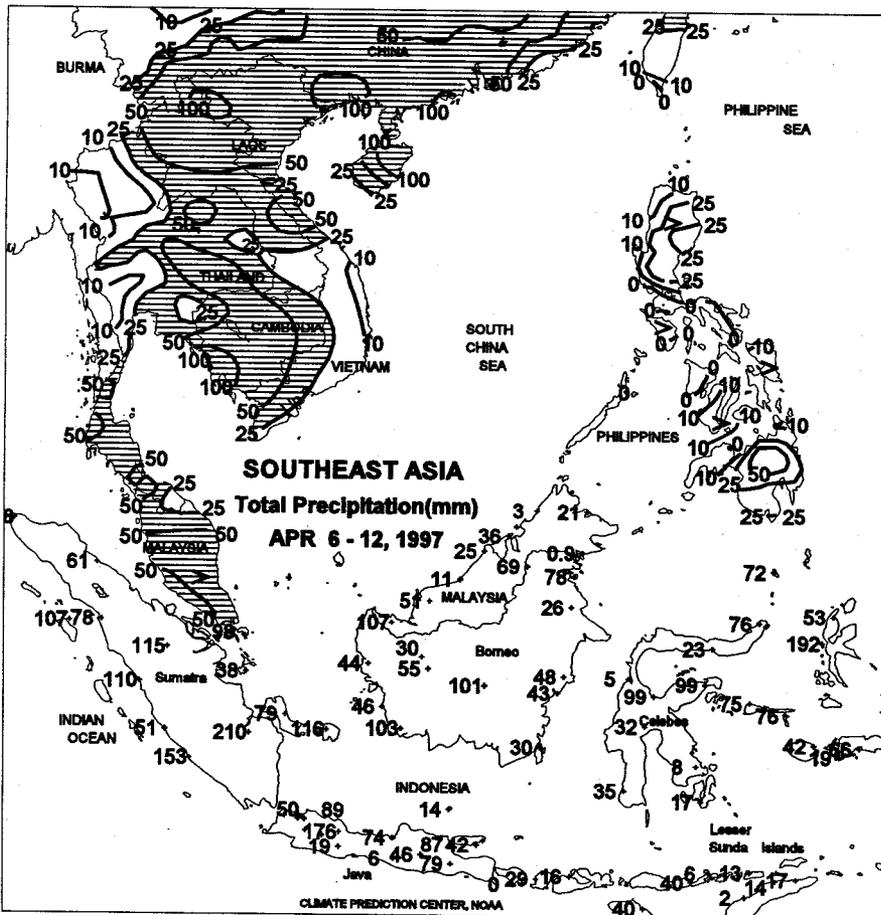
SOUTH AMERICA

In central Argentina, rain (10-40 mm) covered central and southern Santa Fe and northern Buenos Aires, stabilizing soybean yields but slowing corn, sunflowers, and early-soybean harvesting. In northern Argentina and elsewhere in central Argentina, dry weather favored harvesting. Temperatures averaged 1 to 2 degrees C above normal across Argentina, favoring maturing summer crops. Dry weather favored soybean harvesting throughout most of southern Brazil. Only Mato Grosso and Goias reported significant rain (15-40 mm), which slowed fieldwork.



EASTERN ASIA

Light rain (less than 5 mm) fell across the North China Plain, favoring vegetative winter wheat. Seasonably warm weather (maximum temperatures 18-20 degrees C; 2-4 degrees C above normal) allowed spring wheat planting to progress. Widespread rain (15-60 mm) covered central and southern China, increasing irrigation supplies for summer crops but slowing winter grain and oilseed harvesting. Moderate to heavy rain (50-100 mm) boosted irrigation supplies across central and northern Japan. Rice planting begins by mid-May across Japan.



SOUTHEAST ASIA

Scattered, heavy showers (50-150 mm) slowed main-season rice harvesting in Java. Widespread showers (15-70 mm) covered Thailand, slowing second-crop rice harvesting but increasing irrigation supplies. In northern Vietnam, showers (50-90 mm) aided winter-spring rice in the Red River Delta. In the Philippines, showers (10-50 mm, with isolated amounts greater than 100 mm) returned to Luzon and Mindanao, benefiting rainfed main-season crops. However, dry weather continued across the central islands, reducing moisture supplies.

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U.S. DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration
National Weather Service/Climate Prediction Center
Managing Editor **Douglas Le Comte** (202) 720-7919
fax (202) 720-1455
Editor **Brad Rippey** (202) 720-1444
Meteorologists **David Secora, Jeff Savadel, Brian Morris**
Special Requests (202) 720-7917
Subscriptions **John Kopman** (301) 763-8227, ext. 7534
fax (301) 763-8395

U.S. DEPARTMENT OF AGRICULTURE

Economic Research Service
E.R.S. Editor **Sharon Lee**
National Agricultural Statistics Service
Agricultural Statistician **Rhonda Brandt** (202) 720-7621
State Summaries Editor **Klara Haskins** (202) 720-8033
World Agricultural Outlook Board
Agricultural Weather Analysts **Ray Motha**
..... **Tom Puterbaugh, Mark Brusberg, Bob Stefanski**
Secretary **Teresa Davis** (202) 720-9807

Cold, Snowy April Weather

April-Record Lows

Location	Temperature/ Date	Former Record/Date
Cincinnati, OH	15°F on April 9	17°F in 1964
Champaign, IL	16°F on April 9	16°F on 4/7/1982
Indianapolis, IN	18°F on April 9	18°F on 4/8/1972 and 4/13/1950
Casper, WY	-6°F on April 12	-4°F on 4/19/1966
Pueblo, CO	2°F on April 12	2°F in 1975 and 1957
Russell, KS	14°F on April 12	14°F on 4/6/1994

Record-Low Maxima for April

Location	Temperature/Date	Former Record/Date
Hanksville, UT	40°F on April 2	not available
St. George, UT	47°F on April 2	not available
Las Vegas, NV	48°F on April 2	48°F on 4/12/1965
Goodland, KS	20°F on April 11	20°F (not available)
Co. Sprs., CO	22°F on April 11	23°F on 4/4/1983

Lowest Temperature So Late in Season

Location	Temperature/Date	Former Record/Date
Devils Lake, ND	-3°F on April 10	not available
Abilene, TX	27°F on April 13	28°F on 4/13/1959

Latest Freeze

Location	Temperature/Date	Former Record
Dallas, TX	32°F on April 13	April 13, 1957

April-Record Snowfall

Location	Total, April 1-12	Former Record/Year
Worcester, MA	24.0 inches	21.0 inches in 1987
Boston, MA	22.4 inches	13.3 inches in 1982
Providence, RI	18.0 inches	9.6 inches in 1907
Omaha, NE	13.8 inches	10.3 inches in 1983
Moline, IL	13.3 inches	13.0 inches in 1982
Lincoln, NE	11.1 inches	10.5 inches in 1945

Climate Prediction Center, W/NP52
Attn: *Weekly Weather & Crop Bulletin*
NOAA/NWS/NCEP
4700 Silver Hill Road
Stop 9910
Washington, DC 20233-9910

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