

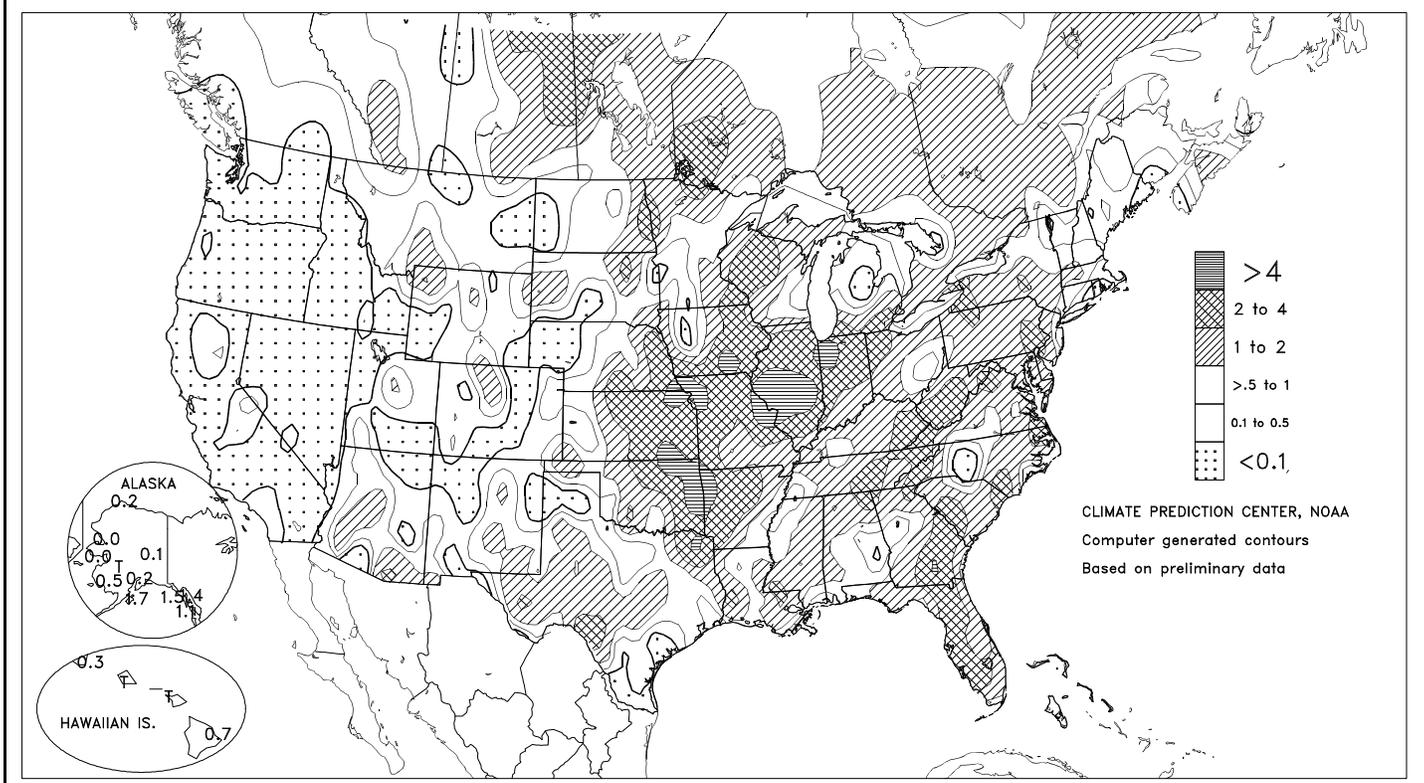
WEEKLY WEATHER AND CROP BULLETIN

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

Total Precipitation (Inches)

JUN 18 - 24, 2000



CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

HIGHLIGHTS

June 18 - 24, 2000

Significant rain fell across much of the **Midwest** for the seventh consecutive week, maintaining adequate to locally excessive soil moisture for corn and soybean development, but disrupting the **Ohio Valley's** soft red winter wheat harvest. For the second week in a row, very heavy rainfall soaked the **southeastern Plains** (especially the **eastern portions of Kansas and Oklahoma**), the **Red River Valley** (**North Dakota-Minnesota border**), and the previously parched **southwestern Corn Belt**. Wet weather also continued in the **northern Mid-Atlantic region**. The rain caused lowland flooding in portions of the **middle and upper Mississippi and Red River basins**. Meanwhile in

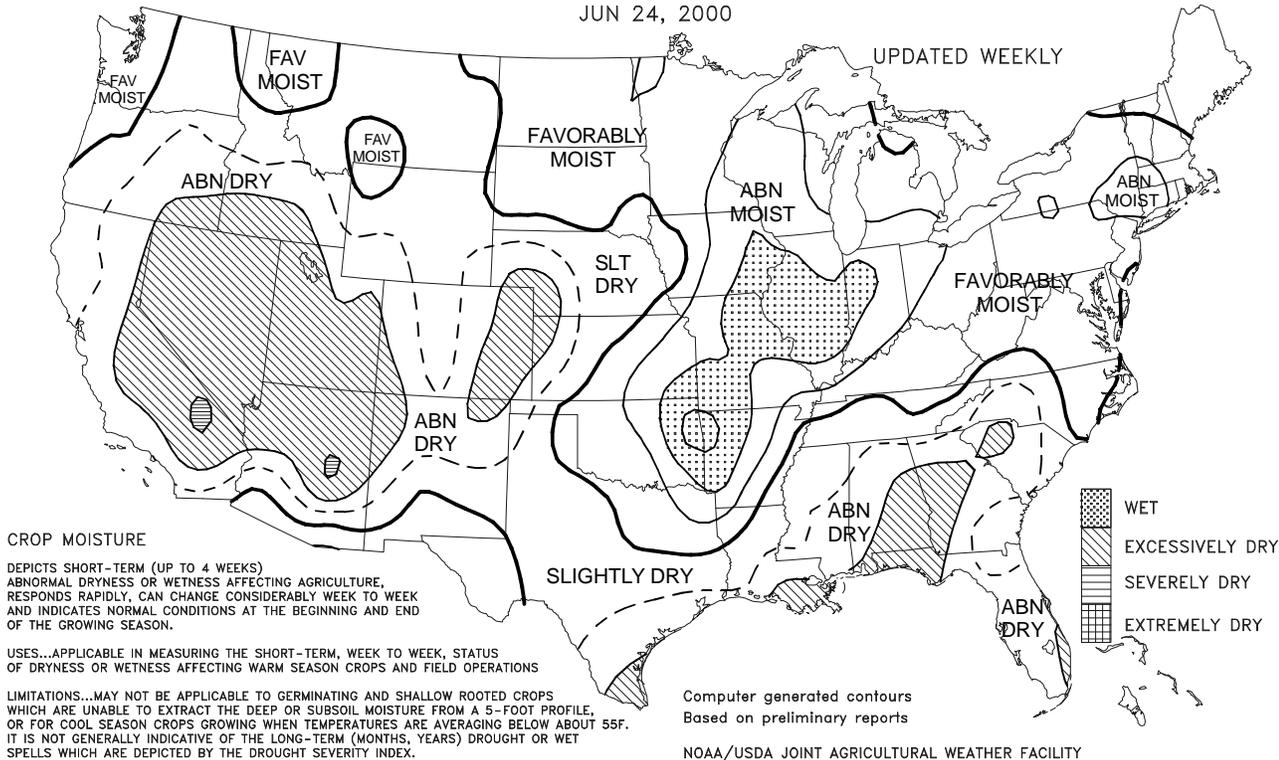
(Continued on page 5)

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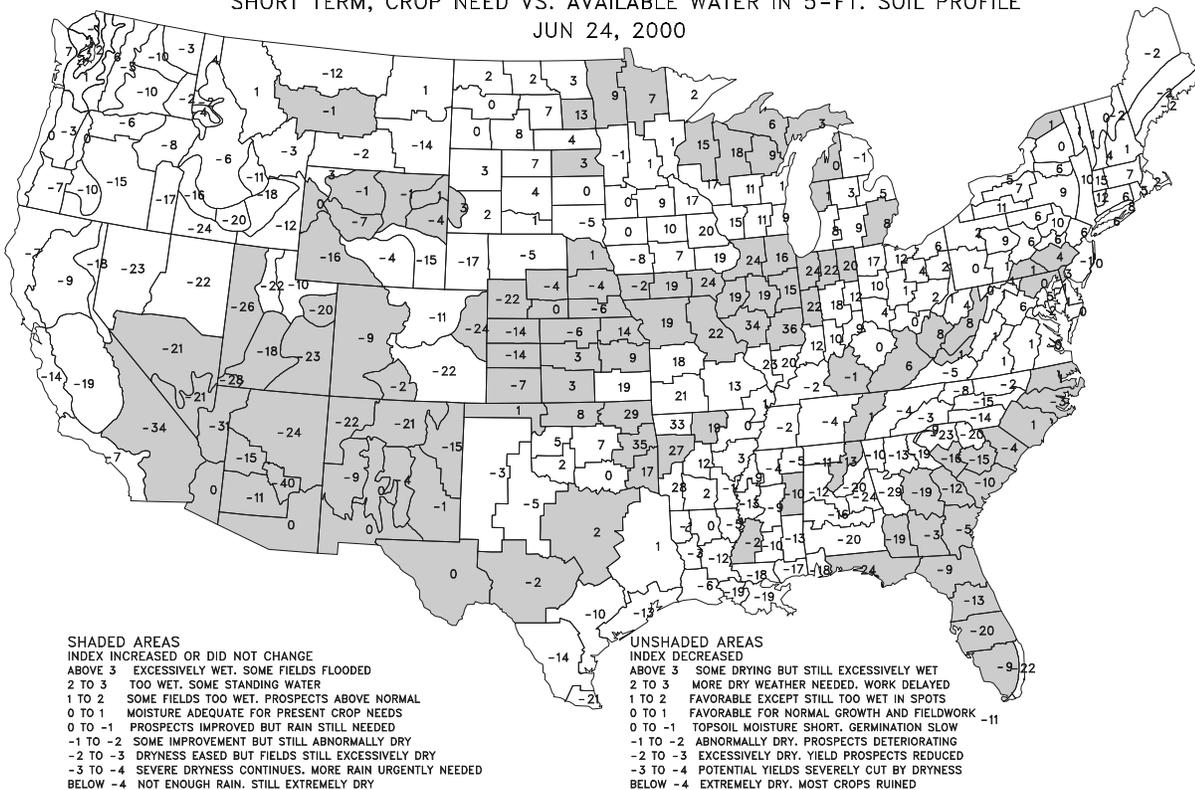
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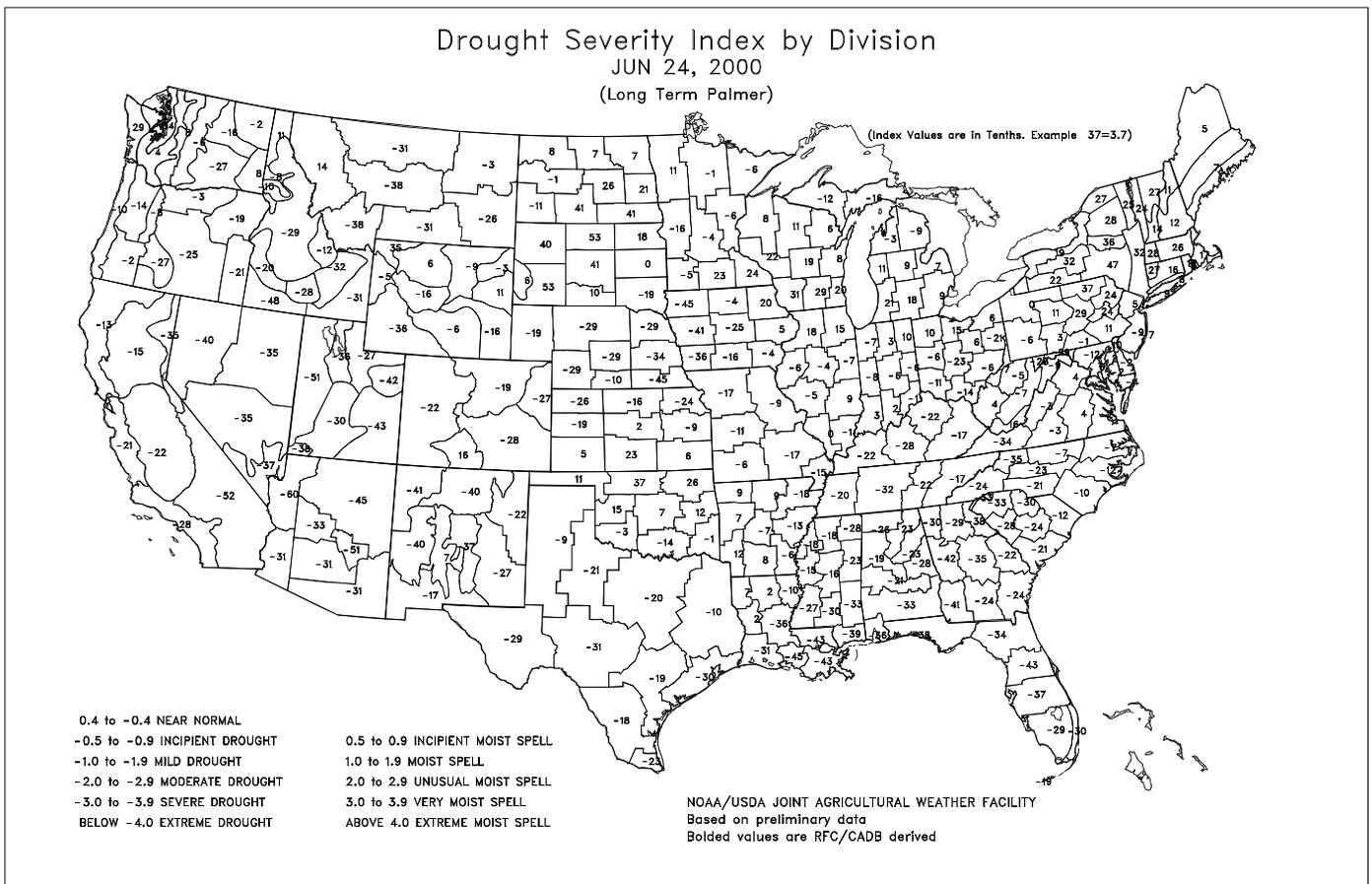
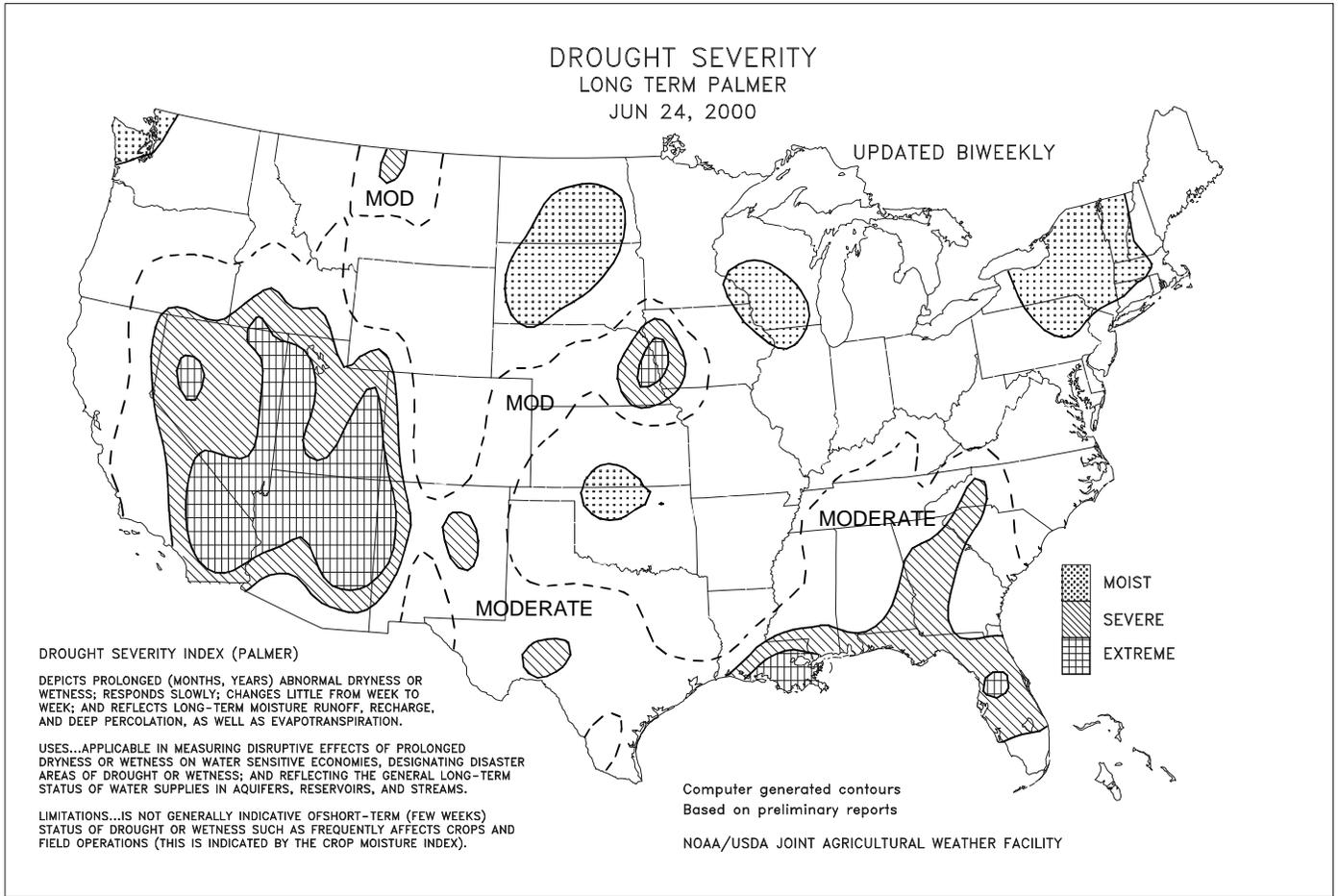
Crop Moisture
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-F.T. SOIL PROFILE
JUN 24, 2000

UPDATED WEEKLY



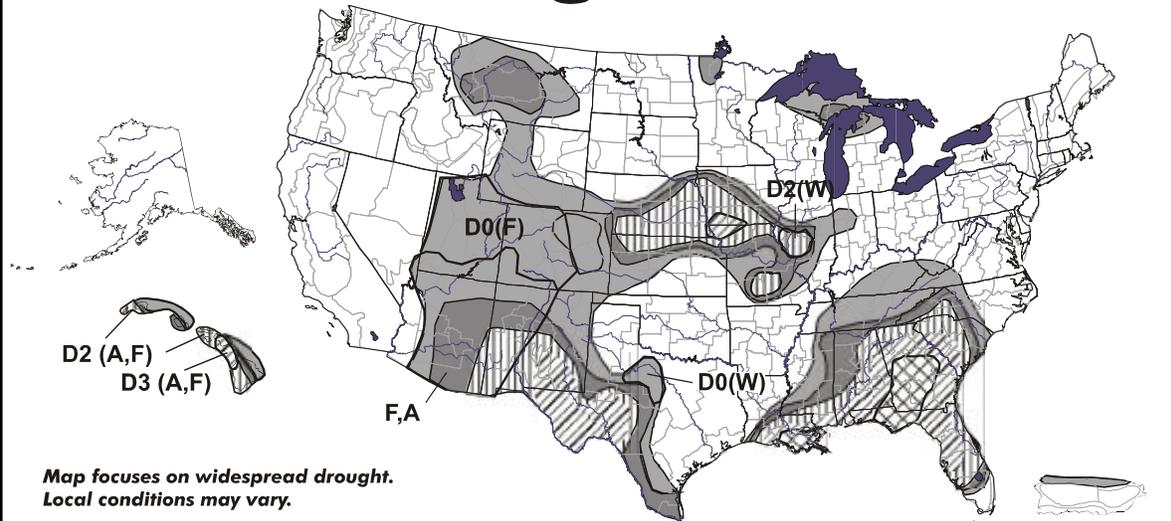
Crop Moisture Index
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-F.T. SOIL PROFILE
JUN 24, 2000





June 20, 2000 Valid 7 a.m. EST

U.S. Drought Monitor



Map focuses on widespread drought. Local conditions may vary.

- D0 Abnormally Dry
 - D1 Drought-First Stage
 - ▨ D2 Drought-Severe
 - ▩ D3 Drought-Extreme
 - ▧ D4 Drought-Exceptional
 - ▨ Delineates Overlapping Areas
- Drought type: used only when impacts differ
- A = Agriculture
W = Water
F = Wildfire danger

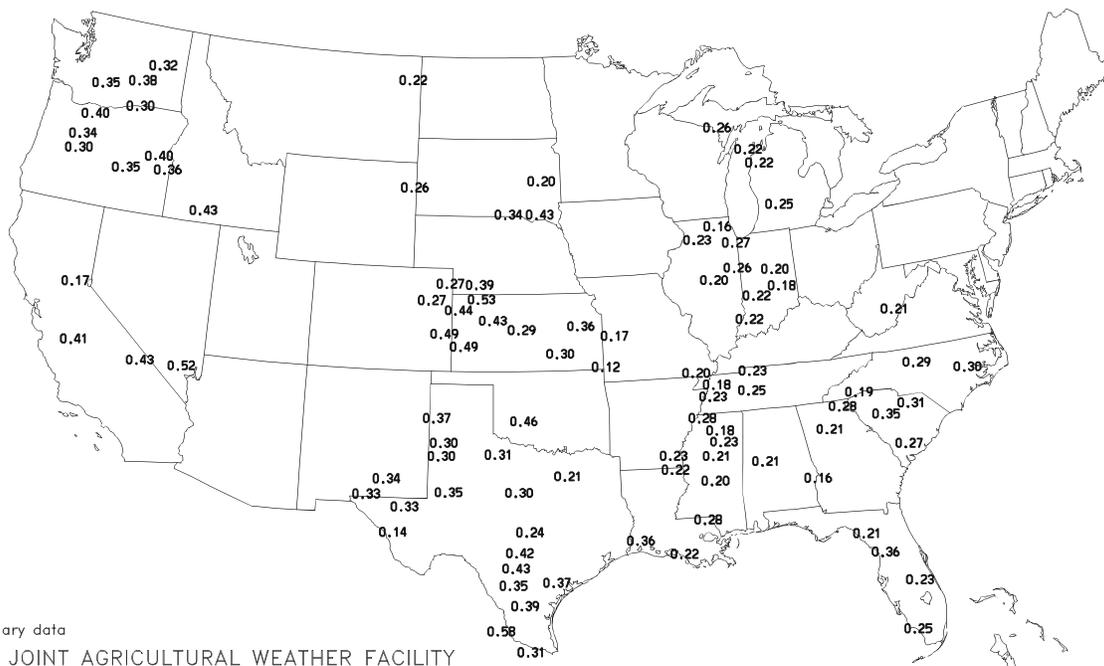


See accompanying text summary for forecast statements

● Released Thursday, June 22, 2000 ●
 Drought Monitor Web Site:
<http://enso.unl.edu/monitor/monitor.html>

Average Pan Evaporation (Inches)

JUN 18 - 24, 2000



Based on preliminary data
 NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

(Continued from front cover)

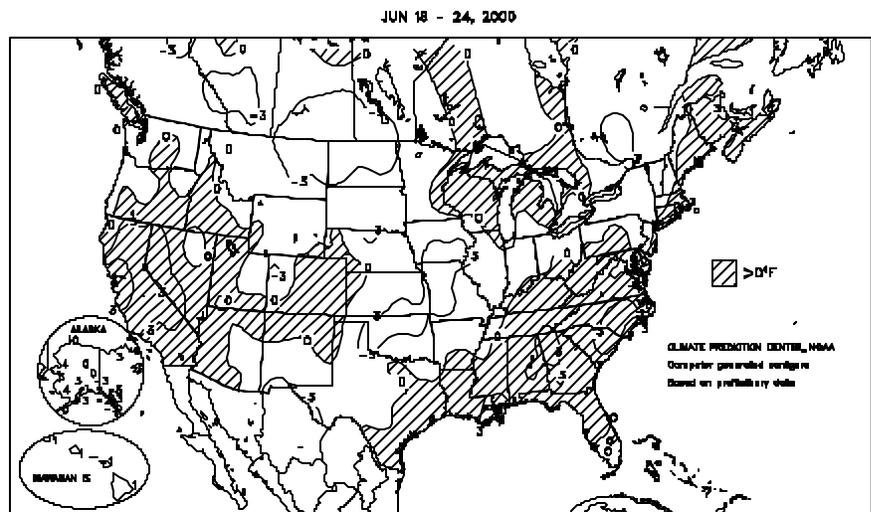
western Texas and the **lower Southeast**, occasional showers provided limited relief from long-term drought and eased stress on pastures and dryland summer crops. Scattered showers in the **Southwest** reduced irrigation requirements and curbed the wildfire threat. In **California** and the **Northwest**, warm, dry weather favored fieldwork and summer crop development, including winter wheat maturation in the latter region. Weekly temperatures averaged up to 6°F above normal in **northern California** and generally 1 to 5°F above normal in the **Southeast**. In contrast, readings averaged as much as 3°F below normal in the **Corn Belt**, where high temperatures (mostly at or below 90°F) remained nearly ideal for corn and soybean development. Cool weather (as much as 6°F below normal) slowed small grain growth on the **northern Plains**.

Weekly rainfall exceeded 4 inches in many areas from **eastern Oklahoma** northeastward into portions of **southeastern Iowa**, **central Illinois**, and **northwestern Indiana**. Totals ranged from 1 to 6 inches in the drought-affected **southwestern Corn Belt**, including **southeastern Nebraska**, **northwestern Missouri**, and **southwestern Iowa**. Farther north, June 19-20 rainfall approached 8 inches in the vicinity of **Fargo, ND**. Through June 24, month-to-date rainfall in **North Dakota** reached 7.04 inches in **Grand Forks** and 10.84 inches in **Fargo**, including 6.82 inches on June 19-20. The **Red River** crested more than 5.8 feet above flood stage in **Fargo** on June 21, then rose about 7.3 feet above flood stage near **Halstad, MN** on June 26. Near **Halstad**, the **Wild Rice River** at **Hendrum, MN** crested nearly 12.5 feet above flood stage on June 26.

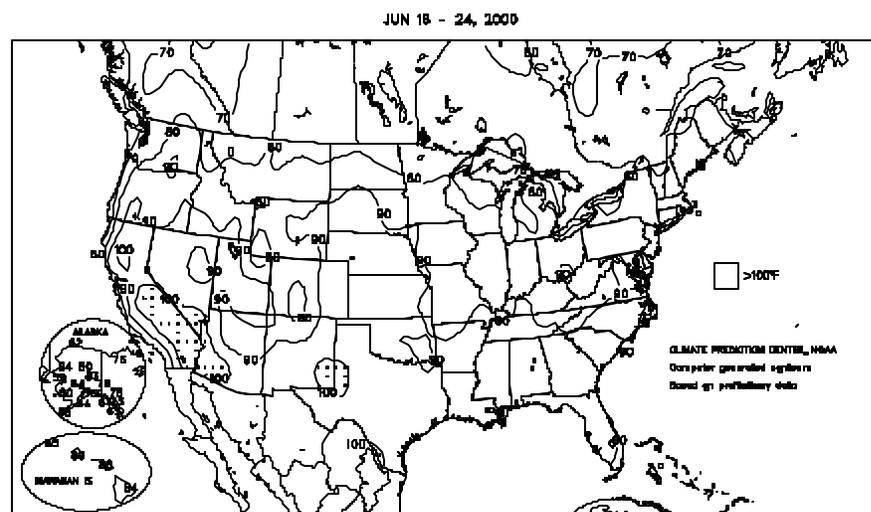
Through week's end, **Springfield, IL** netted a month-to-date rainfall of 6.54 inches, their wettest month since 8.81 inches fell in June 1998. The State of **Iowa** followed its wettest week since October 1998 (an average of 2.13 inches fell statewide last week) with a statewide average of 2.43 inches. In **Indiana**, **Fort Wayne's** month-to-date total (8.11 inches) represented their greatest June sum since 8.29 inches fell in 1958. June 1-24 rainfall climbed to 11.61 inches in **Rochester, MN**, 49 percent of their year-to-date precipitation of 23.54 inches, and their highest monthly total since 12.33 inches soaked the city in July 1978. Meanwhile in the **Southwest**, **Phoenix, AZ** marked their second-earliest monsoon start on record (defined in **Phoenix** as the third consecutive day with an average dewpoint of 55°F or higher). **Phoenix's** earliest monsoon start date was June 16, 1925, exactly 3 weeks earlier than normal. Showers accompanying the more humid air across **Arizona** totaled 0.30 inch in **Phoenix** and 1.06 inches in **Tucson**. Meanwhile in **New York**, **Binghamton's** monthly rainfall surpassed 4 inches, boosting their year-to-date total to a record-setting 27.26 inches. Their previous precipitation record for the first half of a year, 26.63 inches, was observed in 1998.

A few areas failed to see significant improvement from long-term drought. **North Platte, NE** received only 0.62 inch during the first 24 days of June, leaving their year-to-date precipitation at 5.47 inches (54 percent of normal). In addition, **North Platte's** September 1999 - May 2000 precipitation was 6.46 inches (58 percent of normal), their lowest total for that 9-month period since only 6.23 inches fell in 1952-53. In **northern Florida**,

Departure of Average Temperature from Normal (°F)



Extreme Maximum Temperature (°F)



Tallahassee's January 1 - June 24 rainfall deficit grew to 20.21 inches.

During the early- to midweek period, a cool outbreak set more than a dozen daily-record lows in the **Plains** and **Midwest**. On Sunday, records included 36°F in **Williston, ND** and 42°F in **Hill City, KS**. On the same day, clouds and showers in **western Texas** held **Midland's** high temperature to 72°F. Although no record highs were set in the **Southeast**, maximum temperatures frequently ranged from 95 to 100°F. In **Columbus, GA**, highs reached or exceeded 95°F from June 20 through week's end, peaking at 98°F on Thursday.

Very warm weather overspread **northern and interior Alaska**, while cool conditions lingered across the southern part of the State. **King Salmon (32°F)** notched a daily-record low on June 21. On Saturday, **Yakutat (37°F)** collected a record low, while **Umiat (81°F)** and **Barrow (62°F)** collected daily-record highs. **Bethel's** temperature climbed to 80°F on June 24, their highest reading since July 5, 1997. Prior to **Barrow's** record warmth, the community reported a thunderstorm on June 19, its first since July 18, 1995. Meanwhile, mostly dry weather persisted in **Hawaii**. Drought continued to intensify nearly statewide, especially in leeward portions of the eastern islands (**Maui and Hawaii Counties**).

Weather Data for Selected Locations in the Delta

Weather Data for the Week Ending June 24, 2000

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

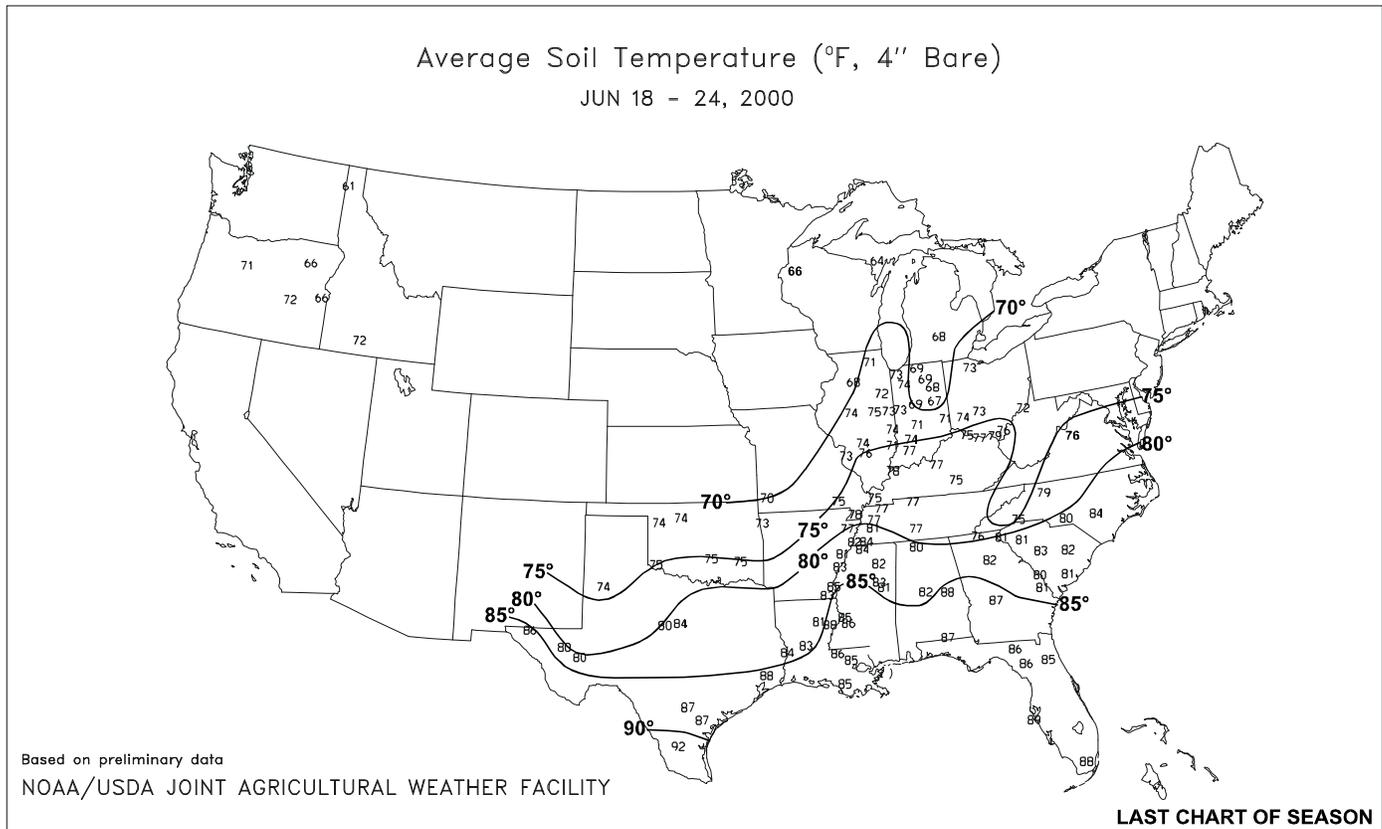
STATES AND STATIONS	TEMPERATURE EF						PRECIPITATION							4-INCH SOIL TEMP, °F		NUMBER OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN, SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL IN, SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. EF		PRECIP	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
MS BATESVILLE ^x	89	71	94	68	80	2	1.72	0.66	1.72	-	-	-	-	-	-	2	0	1	1
BELZONI ^x	91	71	92	67	81	0	1.12	0.35	0.70	-	-	-	-	-	-	5	0	3	1
CLARKSDALE ^x	89	69	93	59	79	-1	-	-	-	-	-	-	-	-	-	3	0	-	-
CLEVELAND ^x	90	73	92	70	82	1	1.18	0.23	0.83	2.97	73	27.21	95	-	-	3	0	3	1
GREENVILLE ^x	90	73	90	70	82	1	1.01	0.05	0.66	2.09	62	-	-	-	-	5	0	2	1
GREENWOOD ^x	89	72	91	70	81	1	1.07	0.07	0.85	2.12	61	23.68	87	-	-	2	0	3	1
INDIANOLA 1S	89	73	92	71	81	-	0.13	-	0.13	-	-	-	-	89	81	2	0	1	0
INVERNESS 5E	90	74	92	71	82	-	0.44	-	0.23	3.66	-	28.17	-	-	-	3	0	4	0
LYON	90	72	94	71	81	-	0.00	-	0.00	2.00	-	22.50	-	-	-	5	0	0	0
MOORHEAD ^x	91	74	94	71	83	2	0.74	-0.04	0.50	1.89	57	26.59	95	-	-	6	0	2	1
ONWARD	90	72	94	70	81	-	0.26	-	0.22	3.21	-	-	-	88	78	3	0	3	0
ROLLING FORK ^x	91	71	94	69	81	1	0.53	-0.33	0.27	1.92	59	18.98	70	-	-	5	0	3	0
SIDON	89	72	91	70	81	-	0.73	-	0.72	2.62	-	23.20	-	-	-	4	0	2	1
TUNICA ^x	87	71	91	69	79	0	0.32	-0.61	0.21	-	-	-	-	-	-	3	0	2	0
TUNICA 1W	87	71	93	69	79	0	0.38	-0.56	0.22	1.41	37	-	-	82	78	1	0	2	0
VANCE	90	72	93	69	81	-	0.84	-	0.58	2.97	-	-	-	-	-	4	0	2	1
VICKSBURG ^x	90	73	93	71	82	2	1.00	0.22	0.50	2.68	88	-	-	-	-	4	0	2	2
YAZOO CITY ^x	89	72	91	70	81	0	1.57	0.67	1.09	2.32	101	28.99	99	-	-	6	0	3	1
STONEVILLE [*]	90	73	92	70	82	2	1.22	0.27	0.61	4.14	137	35.00	129	91	78	5	0	4	1

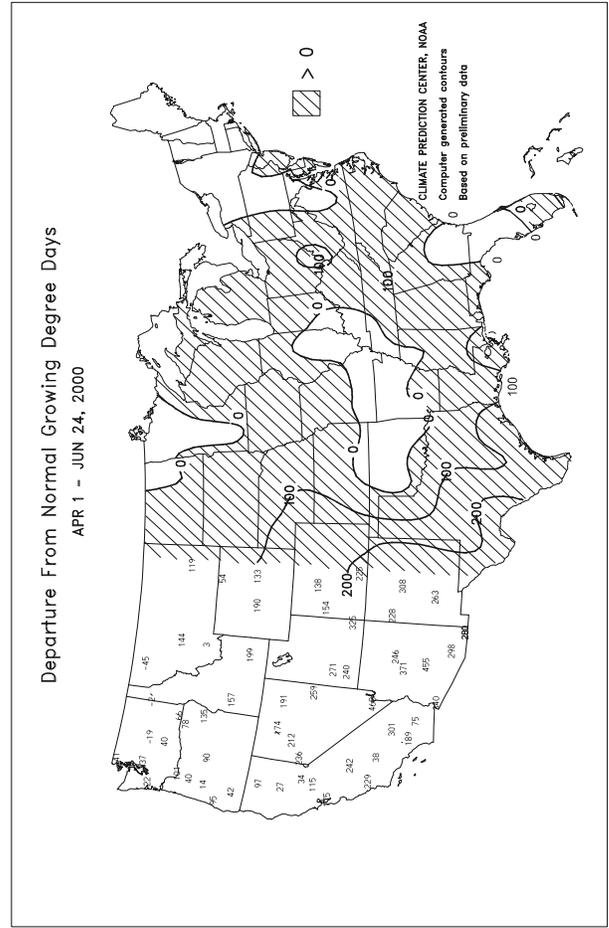
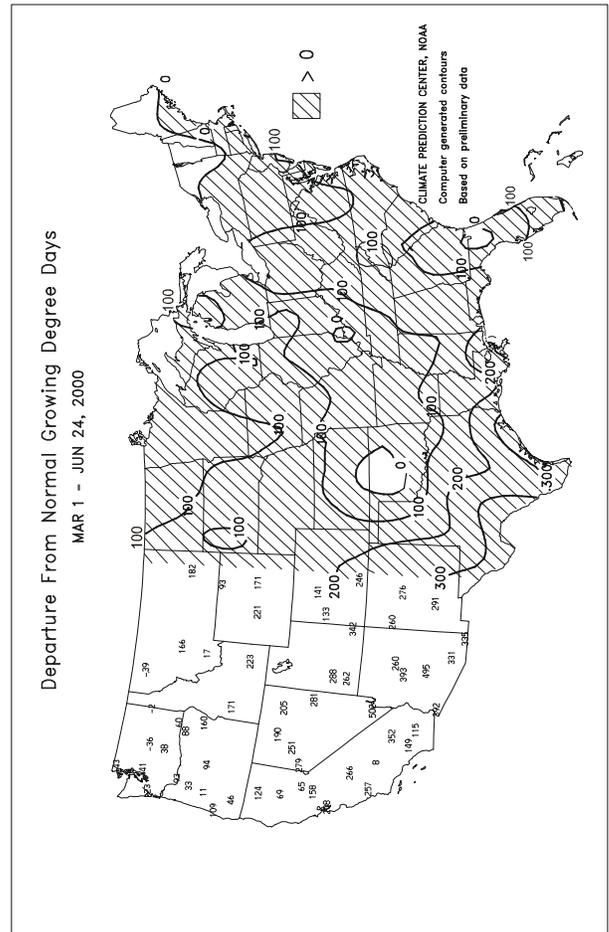
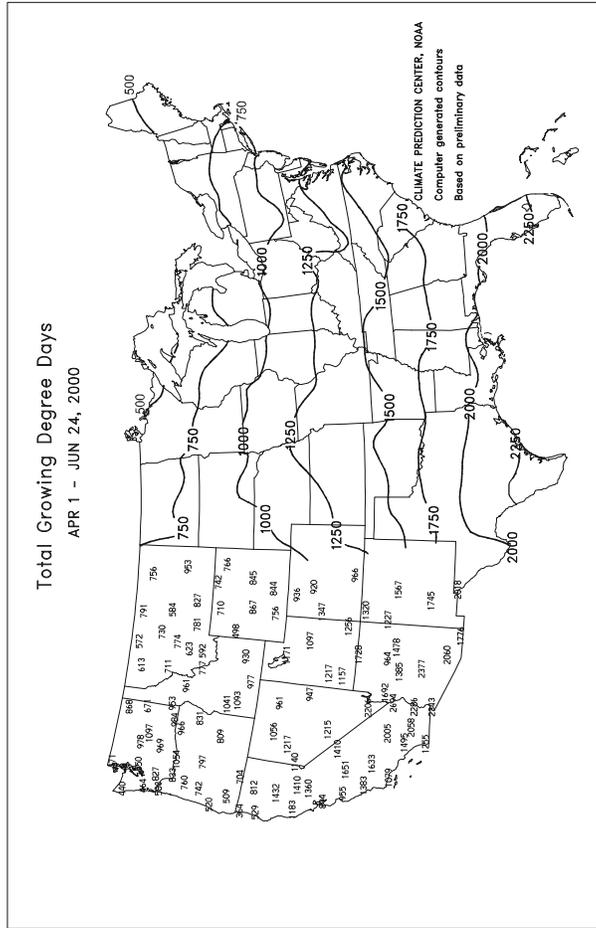
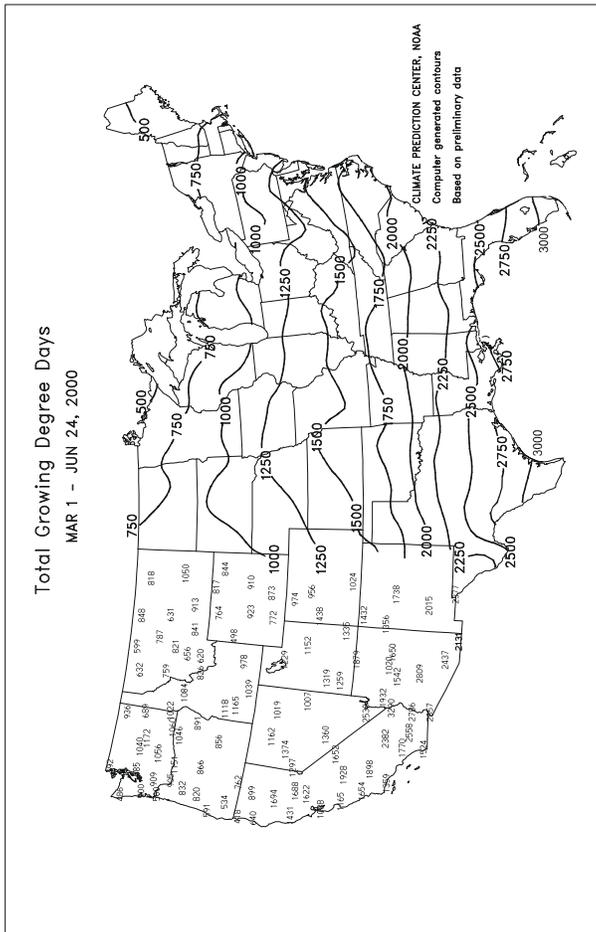
Compiled by USDA/OCE/WAOB's Stoneville Field Office.

* Based on 1964-93 normals.

x Based on 1961-90 normals.

Delta Weather and Crop Summary: Scattered showers and thunderstorms continued to benefit milo, corn, cotton, and soybeans, especially during the first half of the week. Cotton was beginning to set bolls, and some early-planted corn began to dent.





National Weather Data for Selected Cities

Weather Data for the Week Ending June 24, 2000

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

STATES AND STATIONS	TEMPERATURE EF						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN, SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL IN, SINCE Jun 1	PCT. NORMAL SINCE Jun 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. EF		PRECIP		
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	50 INCH OR MORE	
AL	BIRMINGHAM	91	70	95	65	80	2	1.06	0.18	0.86	2.54	87	30.17	105	90	45	5	0	3	1
	HUNTSVILLE	88	69	92	65	79	2	1.76	0.81	1.34	3.40	104	25.70	86	96	65	3	0	4	1
	MOBILE	91	73	95	71	82	1	0.44	-0.75	0.43	2.02	51	17.74	58	93	63	6	0	2	0
	MONTGOMERY	93	71	96	68	82	2	0.52	-0.43	0.48	1.62	53	13.18	47	96	47	6	0	2	0
AK	ANCHORAGE	63	47	71	42	55	-1	0.17	-0.12	0.14	0.28	31	4.12	91	80	64	0	0	2	0
	BARROW	57	36	62	30	46	10	0.22	0.13	0.21	0.38	200	1.22	117	92	76	0	2	2	0
	FAIRBANKS	73	50	83	46	62	1	0.08	-0.27	0.08	0.39	37	3.13	97	79	46	0	0	1	0
	JUNEAU	58	44	73	36	51	-3	1.44	0.70	0.71	3.31	133	23.10	114	99	87	0	0	5	1
	KODIAK	52	43	54	36	47	-4	1.74	0.69	1.10	4.09	105	27.34	88	91	82	0	0	5	1
	NOME	54	43	59	40	48	0	0.00	-0.30	0.00	0.22	26	4.66	114	86	73	0	0	0	0
AZ	FLAGSTAFF	75	46	80	42	60	-2	0.19	0.04	0.17	0.19	90	5.54	61	88	28	0	0	3	0
	PHOENIX	99	79	102	74	89	-1	0.30	0.25	0.15	0.30	429	3.29	125	52	33	7	0	2	0
	TUCSON	92	70	96	68	81	-4	1.03	0.93	0.58	1.12	933	2.34	81	75	45	5	0	5	1
	YUMA	103	81	106	78	92	3	0.00	0.00	0.00	0.00	0	0.50	52	53	39	7	0	0	0
AR	FORT SMITH	86	69	92	64	77	-1	2.78	2.07	2.25	7.68	277	19.64	96	96	64	2	0	4	1
	LITTLE ROCK	86	71	91	66	78	-2	1.82	1.04	0.65	5.45	189	22.97	90	99	60	1	0	4	1
CA	BAKERSFIELD	97	69	103	64	83	3	0.00	-0.03	0.00	0.21	233	4.72	124	57	39	7	0	0	0
	FRESNO	97	67	102	62	82	4	0.00	0.00	0.00	0.56	800	12.40	177	69	48	7	0	0	0
	LOS ANGELES	74	64	78	63	69	3	0.00	0.00	0.00	0.00	0	9.82	127	83	70	0	0	0	0
	REDDING	98	65	103	60	81	3	0.00	-0.10	0.00	1.14	238	27.00	144	68	35	6	0	0	0
	SACRAMENTO	90	58	98	54	74	1	0.00	-0.03	0.00	0.04	44	21.84	204	86	31	3	0	0	0
	SAN DIEGO	72	65	74	64	69	1	0.00	-0.02	0.00	0.00	0	5.40	88	81	71	0	0	0	0
	SAN FRANCISCO	71	55	73	54	63	1	0.00	-0.03	0.00	0.16	178	19.47	159	87	72	0	0	0	0
	STOCKTON	94	58	101	54	76	1	0.00	-0.03	0.00	0.03	33	11.46	136	77	46	6	0	0	0
CO	ALAMOSA	79	44	82	38	62	1	0.25	0.08	0.19	0.35	69	1.74	66	63	25	0	0	3	0
	CO SPRINGS	83	52	90	40	68	1	0.05	-0.49	0.02	0.29	16	5.06	75	73	19	1	0	3	0
	DENVER	87	52	93	41	70	1	0.00	-0.39	0.00	0.44	31	6.44	82	69	14	3	0	0	0
	GRAND JUNCTION	86	56	91	50	71	-3	0.21	0.10	0.13	0.21	51	4.27	108	55	29	3	0	2	0
	PUEBLO	93	55	96	48	74	1	0.04	-0.27	0.03	0.05	5	5.43	121	64	26	5	0	2	0
CT	BRIDGEPORT	78	62	83	56	70	1	0.05	-0.75	0.03	3.71	134	21.39	105	85	61	0	0	3	0
	HARTFORD	80	57	85	52	69	-1	0.41	-0.43	0.19	6.56	216	23.25	109	87	58	0	0	4	0
DC	WASHINGTON	84	67	88	58	75	-2	1.29	0.51	1.12	3.43	128	20.69	117	91	57	0	0	4	1
DE	WILMINGTON	83	63	86	56	73	0	1.44	0.60	0.92	3.55	126	24.73	127	95	54	0	0	4	1
FL	DAYTONA BEACH	90	72	92	69	81	1	0.82	-0.64	0.31	1.52	32	13.91	72	96	54	5	0	3	1
	JACKSONVILLE	91	69	94	66	80	0	0.56	-0.82	0.05	1.60	35	11.08	51	97	56	3	0	3	0
	KEY WEST	89	80	90	78	84	0	0.06	-1.13	0.05	3.07	74	9.20	62	82	64	1	0	2	0
	MIAMI	88	76	90	73	82	0	0.53	-1.64	0.29	3.54	47	10.82	47	85	60	1	0	2	0
	ORLANDO	94	71	96	70	83	1	0.88	-0.95	0.85	1.47	25	6.73	34	94	67	7	0	3	1
	PENSACOLA	90	74	93	73	82	1	0.24	-1.35	0.22	1.92	38	12.40	43	92	64	4	0	3	0
	TALLAHASSEE	94	72	97	70	83	3	1.53	-0.21	0.95	1.75	32	10.19	33	97	70	7	0	7	1
	TAMPA	91	74	95	73	83	1	1.11	-0.27	0.74	2.65	61	5.77	35	92	58	6	0	4	1
	WEST PALM	89	74	91	73	82	1	0.23	-1.66	0.17	3.24	50	11.49	46	85	62	3	0	3	0
GA	ATHENS	92	68	96	64	80	2	0.53	-0.40	0.43	1.33	43	15.00	58	91	54	6	0	3	0
	ATLANTA	93	71	95	68	82	5	0.01	-0.84	0.01	1.26	45	15.53	58	80	47	7	0	1	0
	AUGUSTA	93	69	96	66	81	2	3.56	2.59	2.48	4.88	148	16.94	73	97	63	7	0	4	2
	COLUMBUS	95	73	98	71	84	3	0.03	-0.96	0.03	0.60	19	15.18	57	89	36	7	0	1	0
	MACON	94	70	96	67	82	2	1.35	0.50	0.92	1.40	50	13.15	55	98	52	7	0	5	1
	SAVANNAH	91	71	93	68	81	1	1.26	-0.12	0.87	4.62	103	17.00	77	97	60	6	0	3	1
HI	HILO	83	69	84	66	76	1	0.72	-0.71	0.26	3.59	74	37.40	58	88	78	0	0	7	0
	HONOLULU	88	73	89	72	80	0	0.02	-0.09	0.02	0.03	7	2.25	20	78	69	0	0	1	0
	KAHULUI	86	69	88	64	77	-1	0.03	-0.03	0.02	0.10	45	2.65	21	81	71	0	0	2	0
	LIHUE	84	73	85	71	79	1	0.34	-0.02	0.14	0.87	64	7.83	37	81	73	0	0	6	0
ID	BOISE	86	54	92	46	70	2	0.00	-0.17	0.00	0.14	21	7.24	106	56	28	2	0	0	0
	LEWISTON	82	54	88	51	68	-1	0.00	-0.27	0.00	1.65	160	8.19	122	65	41	0	0	0	0
	POCATELLO	84	48	92	38	66	1	0.01	-0.21	0.01	0.06	7	5.27	80	59	24	1	0	1	0
IL	CHICAGO/O'HARE	80	60	85	52	70	0	1.55	0.67	0.94	3.33	111	17.00	109	84	56	0	0	4	1
	MOLINE	81	59	89	51	70	-3	2.29	1.28	1.73	5.27	156	19.75	114	88	60	0	0	5	1
	PEORIA	81	61	86	53	71	-2	1.65	0.70	0.82	3.05	96	13.88	84	96	60	0	0	4	2
	ROCKFORD	79	60	86	51	70	-1	1.94	0.87	1.50	8.00	221	22.79	144	90	58	0	0	3	1
	SPRINGFIELD	81	63	86	53	72	-3	3.39	2.59	1.51	5.55	203	13.45	81	91	73	0	0	4	3
IN	EVANSVILLE	84	66	89	61	75	-2	1.33	0.55	0.56	4.21	151	23.98	109	95	79	0	0	5	2
	FORT WAYNE	79	60	84	53	70	-2	3.07	2.24	1.72	8.14	284	19.71	120	97	64	0	0	4	2
	INDIANAPOLIS	81	63	87	58	72	-1	1.19	0.37	0.53	4.97	180	20.34	107	94	66	0	0	5	1
	SOUTH BEND	81	61	98	53	71	0	1.92	0.93	1.23	5.65	172	19.78	113	87	63	1	0	4	2
IA	BURLINGTON	79	61	85	53	70	-3	3.54	2.58	1.49	6.62	205	16.59	105	94	54	0	0	5	3
	CEDAR RAPIDS	79	58	84	49	68	-4	1.81	0.74	1.15	6.23	171	16.82	113	94	53	0	0	4	1
	DES MOINES	81	59	88	49	70	-4	2.17	1.12	1.66	6.09	171	14.58	97	88	64	0	0	3	1
	DUBUQUE	78	58	84	51	68	-2	2.56	1.61	1.10	8.02	242	20.70	123	85	63	0	0	4	3
	SIoux CITY	84	56	91	48	70	-2	1.68	0.83	1.10	2.92	98	10.64	87	90	56	1	0	4	1
	WATERLOO	81	59	84	49	70	-1	2.25	1.18	1.25	6.24	176	21.55	143	85	63	0	0	4	2
KS	CONCORDIA	88	62	95	50	75	-1	1.01	-0.01	0.71	1.15	32	9.61	70	91	53	2	0	3	1
	DODGE CITY	89	60	93	50	75	-1	0.32	-0.40	0.16	0.77	31	10.28	101	94	43	5	0	2	0
	GOODLAND	89	55	95	46	72	1	0.50	-0.22	0.35	1.04	40	6.08	65	89	42	4	0	2	0
	TOPEKA	84	63	90	49	74	-1	3.53	2.26	2.92	6.00	133	13.96	85	97	69	1	0	5	1

Based on 1961-90 normals

Weather Data for the Week Ending June 24, 2000

STATES AND STATIONS	TEMPERATURE EF						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN, SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL IN, SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. EF		PRECIP	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
KY	85	64	92	50	75	-3	1.02	0.03	0.41	5.12	146	18.96	137	94	67	3	0	4	0
	81	65	87	62	73	0	3.83	2.83	1.41	5.80	173	23.20	96	96	66	0	0	4	4
	84	65	90	63	75	1	0.48	-0.38	0.30	2.66	92	22.33	103	89	70	1	0	4	0
	84	68	90	67	76	1	1.46	0.66	0.70	3.00	109	24.99	112	88	59	2	0	3	1
LA	84	67	90	63	76	-1	1.26	0.35	0.64	2.80	86	28.41	112	99	62	2	0	5	2
	92	73	94	70	82	1	3.24	2.15	1.91	3.54	102	13.03	45	97	55	7	0	5	1
	90	74	94	73	82	1	0.51	-0.62	0.51	2.43	61	24.12	99	95	63	4	0	1	1
	92	76	94	74	84	3	0.26	-1.15	0.16	3.14	68	10.81	36	91	61	7	0	2	0
	90	72	93	70	81	0	0.22	-0.73	0.20	6.54	188	35.78	150	93	58	5	0	2	0
ME	75	48	83	42	62	0	0.60	-0.10	0.52	1.24	54	18.02	124	87	38	0	0	2	1
	78	57	86	51	67	3	0.18	-0.62	0.07	1.73	62	20.20	96	90	47	0	0	4	0
MD	84	63	89	54	73	-1	2.08	1.23	1.63	3.86	132	21.73	113	91	66	0	0	4	1
MA	78	63	85	59	70	0	0.29	-0.42	0.26	6.10	245	22.93	113	89	54	0	0	2	0
	76	58	81	55	67	1	0.33	-0.55	0.19	5.62	181	25.52	114	91	49	0	0	3	0
MI	74	54	82	47	64	1	0.59	-0.13	0.20	1.90	78	13.36	107	95	54	0	0	4	0
	77	59	79	52	68	-1	0.19	-0.68	0.10	4.51	152	22.23	145	83	54	0	0	2	0
	76	54	80	47	65	1	0.24	-0.46	0.13	2.83	116	13.55	114	87	52	0	0	3	0
	77	59	80	50	68	0	0.37	-0.50	0.26	1.85	62	15.41	114	88	63	0	0	4	0
	75	58	78	52	67	0	0.54	0.01	0.45	3.05	161	18.68	136	84	62	0	0	3	0
	77	57	80	49	67	2	0.56	-0.21	0.17	2.84	109	11.23	91	96	47	0	0	5	0
MN	72	51	79	41	61	-1	1.55	0.64	0.86	3.65	119	12.67	103	96	75	0	0	4	1
	70	49	75	35	60	-3	1.33	0.37	0.44	3.62	115	9.40	96	95	59	0	0	5	0
	79	61	85	56	70	0	1.88	0.93	1.55	4.71	144	13.47	105	82	61	0	0	4	1
	78	58	81	53	68	0	1.61	0.72	1.50	11.67	396	23.60	191	83	61	0	0	3	1
	77	57	82	54	67	1	1.36	0.28	0.47	3.72	100	11.04	92	87	49	0	0	6	0
MS	90	72	92	70	81	1	0.31	-0.41	0.20	5.34	213	23.41	81	96	59	6	0	4	0
	91	69	95	66	80	1	1.95	1.08	1.72	3.12	110	19.33	64	98	64	6	0	3	1
	90	72	93	67	81	3	0.60	-0.25	0.47	1.75	57	23.26	78	91	65	4	0	6	0
MO	82	62	89	56	72	-2	1.51	0.55	1.33	4.33	124	17.27	92	96	67	0	0	5	1
	82	62	89	52	72	-3	2.33	1.26	2.32	6.05	159	16.85	101	96	69	0	0	2	1
	83	66	89	60	74	-3	3.82	2.96	2.94	6.43	217	20.33	113	96	74	0	0	3	2
	80	63	88	55	72	-3	1.80	0.65	1.42	6.37	153	16.66	81	98	81	0	0	5	1
MT	79	53	87	46	66	-1	0.49	0.08	0.27	1.11	67	7.97	92	76	27	0	0	4	0
	76	41	83	37	58	0	0.24	-0.24	0.15	0.50	29	4.44	71	91	23	0	0	2	0
	74	49	81	43	62	-4	0.48	-0.02	0.48	3.71	218	8.10	155	88	53	0	0	1	0
	72	48	80	47	60	-3	0.60	0.08	0.33	1.68	85	5.86	69	86	32	0	0	4	0
	72	43	80	39	58	-1	0.87	0.38	0.48	1.57	87	6.15	73	96	57	0	0	6	0
	81	55	88	45	68	-1	0.00	-0.63	0.00	1.85	81	7.45	99	73	24	0	0	0	0
	78	45	82	42	61	-1	0.14	-0.25	0.12	0.76	52	5.72	79	77	35	0	0	2	0
NE	88	56	95	43	72	-1	0.45	-0.43	0.25	0.65	20	7.36	59	88	52	2	0	4	0
	86	60	95	53	73	-2	1.60	0.72	0.67	3.20	102	9.41	72	87	52	2	0	4	1
	85	57	91	48	71	-1	2.95	1.92	1.26	3.41	94	9.58	75	86	51	2	0	4	3
	89	50	98	39	70	0	0.24	-0.53	0.23	0.62	23	5.47	54	92	33	3	0	2	0
	85	59	89	52	72	-2	1.64	0.78	0.84	3.78	121	12.25	88	91	60	0	0	3	2
	87	51	97	41	69	-1	0.21	-0.38	0.21	0.53	25	7.06	83	77	38	3	0	1	0
	83	52	92	44	67	-3	0.89	0.23	0.46	2.61	113	11.02	124	89	49	1	0	3	0
NV	82	43	87	32	63	2	0.15	-0.02	0.15	0.17	25	5.80	113	59	21	0	1	1	0
	100	80	103	74	90	3	0.00	-0.03	0.00	0.00	0	1.81	92	33	22	7	0	0	0
	91	54	95	51	73	6	0.00	-0.09	0.00	0.31	82	4.38	104	45	21	4	0	0	0
	90	46	94	40	68	2	0.00	-0.19	0.00	0.01	1	6.22	138	52	24	5	0	0	0
NH	80	54	86	48	67	1	0.53	-0.21	0.22	2.78	109	19.84	121	96	45	0	0	4	0
NJ	81	65	86	60	73	-1	0.56	-0.20	0.29	3.39	134	20.98	101	82	57	0	0	3	0
NM	89	64	91	60	76	0	0.10	-0.06	0.08	0.28	64	2.23	77	60	21	3	0	2	0
NY	77	57	83	51	67	-2	0.62	-0.21	0.45	7.22	248	26.47	157	89	55	0	0	3	0
	72	56	78	49	64	-2	1.09	0.24	0.57	4.61	160	27.68	163	88	66	0	0	3	2
	75	57	83	48	66	-2	1.56	0.73	0.91	5.73	200	20.98	127	89	55	0	0	4	1
	76	56	84	48	66	-1	0.42	-0.27	0.18	3.82	158	18.12	128	85	62	0	0	5	0
	77	56	85	51	67	0	1.12	0.21	1.00	4.24	140	20.64	122	91	53	0	0	3	1
NC	83	62	86	55	72	1	1.15	0.16	0.53	1.75	51	17.38	76	97	63	0	0	5	1
	88	68	91	62	78	1	0.51	-0.27	0.51	1.90	71	18.80	89	95	55	4	0	1	1
	86	68	89	63	77	3	1.36	0.47	0.83	2.75	90	18.12	90	90	58	0	0	3	2
	83	74	85	71	79	3	0.86	-0.12	0.35	1.91	59	21.70	89	95	74	0	0	4	0
	90	70	93	64	80	4	0.65	-0.20	0.63	1.68	57	17.59	86	92	57	6	0	2	1
	88	71	91	68	80	2	1.57	0.07	0.89	2.34	50	19.27	82	99	62	3	0	5	1
ND	76	51	88	41	64	-2	0.83	0.20	0.50	5.10	233	12.74	166	84	60	0	0	4	1
	75	49	85	40	62	-3	0.15	-0.60	0.08	2.10	80	7.47	88	94	45	0	0	3	0
	74	56	79	46	65	-2	4.54	3.88	4.25	8.27	368	15.38	177	92	56	0	0	5	1
	73	54	78	47	63	-3	2.15	1.46	0.99	6.83	301	11.09	142	96	52	0	0	4	2
	74	53	84	40	63	-4	0.70	-0.04	0.29	2.79	117	10.02	129	92	48	0	0	6	0
	75	46	81	36	61	-5	0.00	-0.54	0.00	2.64	145	8.27	123	85	46	0	0	0	0
OH	78	59	85	48	68	-1	0.53	-0.22	0.31	4.48	179	23.14	135	88	59	0	0	3	0
	81	64	86	61	73	1	1.59	0.70	0.94	4.61	151	27.59	134	94	69	0	0	4	1
	78	59	85	48	69	0	1.39	0.54	0.98	5.29	181	20.71	124	91	55	0	0	4	1
	82	63	89	55	72	1	0.23	-0.72	0.12	3.37	104	21.91	121	87	56	0	0	3	0
	80	61	85	53	71	-1	0.79	-0.09	0.49	3.01	98	17.74	98	90	57	0	0	4	0
	78	58	84	49	68	-1	0.98	0.07	0.39	4.55	144	21.82	118	95	55	0	0	5	0

Based on 1961-90 normals

*** Not Available

Weather Data for the Week Ending June 24, 2000

STATES AND STATIONS	TEMPERATURE EF						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN, SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL IN, SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. EF		PRECIP	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
OK TOLEDO	79	60	82	50	70	1	3.31	2.43	0.87	5.28	177	20.25	135	91	62	0	0	5	4
OK YOUNGSTOWN	78	56	86	44	67	-1	1.31	0.37	0.67	4.02	128	18.63	110	89	58	0	0	3	2
OK OKLAHOMA CITY	84	68	91	62	76	-2	0.99	0.07	0.80	5.41	152	17.28	102	95	68	2	0	4	1
OR TULSA	85	68	91	60	76	-4	1.87	0.92	1.09	4.56	125	20.22	101	94	73	1	0	3	2
OR ASTORIA	63	54	66	52	58	0	0.06	-0.46	0.04	4.18	211	34.38	100	87	78	0	0	2	0
OR BURNS	82	42	87	32	62	2	0.00	-0.17	0.00	0.17	25	5.68	112	60	26	0	1	0	0
OR EUGENE	78	47	82	44	62	-1	0.00	-0.29	0.00	0.71	59	27.68	108	92	60	0	0	0	0
OR MEDFORD	89	52	93	50	70	2	0.00	-0.11	0.00	0.46	94	14.08	155	71	26	3	0	0	0
OR PENDLETON	83	51	91	46	67	-1	0.00	-0.13	0.00	0.97	183	10.58	166	68	35	1	0	0	0
OR PORTLAND	75	53	81	50	64	-1	0.00	-0.30	0.00	1.25	101	19.15	104	84	64	0	0	0	0
PA SALEM	76	50	81	46	63	0	0.00	-0.28	0.00	0.71	64	20.52	103	85	57	0	0	0	0
PA ALLENTOWN	81	59	85	51	70	-1	0.88	0.14	0.87	***	***	21.67	111	89	65	0	0	2	1
PA ERIE	76	59	87	50	67	-1	1.15	0.19	0.48	4.74	144	20.59	118	82	63	0	0	4	1
PA MIDDLETOWN	84	64	87	57	74	1	0.88	0.01	0.78	2.34	75	19.40	99	93	52	0	0	3	1
PA PHILADELPHIA	83	64	88	58	74	0	1.85	0.96	1.01	2.82	95	20.54	104	82	60	0	0	3	2
PA PITTSBURGH	80	59	87	52	69	0	0.39	-0.49	0.25	5.54	187	20.87	116	92	51	0	0	2	0
PA WILKES-BARRE	77	58	82	50	67	-2	0.83	-0.11	0.63	4.36	137	17.45	105	90	56	0	0	2	1
PA WILLIAMSPORT	80	59	84	53	70	1	1.48	0.46	1.30	4.23	122	21.95	115	90	67	0	0	2	1
RI PROVIDENCE	79	62	83	57	70	1	0.10	-0.66	0.08	4.72	176	25.80	117	83	61	0	0	2	0
SC BEAUFORT	91	73	93	69	82	2	0.35	-1.15	0.26	0.97	20	11.24	49	98	59	6	0	3	0
SC CHARLESTON	91	72	94	69	82	3	1.26	-0.33	0.79	2.28	45	14.34	63	97	59	6	0	4	1
SC COLUMBIA	93	72	95	70	82	3	2.01	0.84	0.98	2.21	58	18.53	77	94	63	7	0	5	1
SC GREENVILLE	91	68	95	63	79	3	0.14	-0.99	0.10	0.98	26	17.81	68	94	58	4	0	2	0
SD ABERDEEN	79	55	86	50	67	-1	2.81	2.07	1.20	4.34	173	11.91	132	85	60	0	0	3	2
SD HURON	82	57	88	50	70	0	0.37	-0.41	0.24	2.47	91	10.64	102	87	44	0	0	4	0
SD RAPID CITY	82	50	95	41	66	-1	0.72	0.02	0.56	1.31	52	11.45	127	88	39	1	0	4	1
SD SIOUX FALLS	83	58	91	52	70	0	1.42	0.63	0.94	2.55	93	13.01	117	79	47	1	0	2	1
TN BRISTOL	84	63	89	58	74	2	0.66	-0.18	0.29	2.82	101	18.89	93	97	54	0	0	4	0
TN CHATTANOOGA	90	69	93	65	79	2	0.37	-0.46	0.31	3.56	129	25.62	94	91	60	4	0	2	0
TN KNOXVILLE	85	68	90	65	77	2	1.04	0.10	0.79	2.40	76	27.94	115	95	58	1	0	5	1
TN MEMPHIS	88	72	94	69	80	0	0.35	-0.45	0.34	1.58	55	20.74	77	90	58	3	0	2	0
TN NASHVILLE	88	69	93	64	79	2	0.25	-0.55	0.17	0.72	25	25.22	104	90	60	2	0	3	0
TX ABILENE	88	72	96	64	80	-2	1.56	0.92	1.13	4.02	173	8.75	81	86	64	3	0	4	1
TX AMARILLO	87	63	96	54	75	-1	0.08	-0.79	0.08	3.31	111	9.30	109	90	46	3	0	1	0
TX AUSTIN	92	75	94	73	83	1	1.11	0.33	0.60	4.33	141	16.64	103	93	64	6	0	2	2
TX BEAUMONT	91	74	93	71	82	0	0.01	-1.27	0.01	0.04	1	23.07	92	98	61	6	0	1	0
TX BROWNSVILLE	94	77	96	73	85	1	0.00	-0.59	0.00	0.85	38	6.75	68	91	57	7	0	0	0
TX CORPUS CHRISTI	91	75	93	71	83	0	0.26	-0.49	0.23	3.28	119	13.90	112	95	60	7	0	2	0
TX DEL RIO	91	75	96	71	83	-1	2.82	2.32	2.65	4.75	279	7.95	101	82	61	6	0	3	1
TX EL PASO	91	69	95	62	80	-2	0.14	-0.05	0.12	2.02	412	2.39	117	71	30	6	0	2	0
TX FORT WORTH	92	74	95	70	83	0	0.35	-0.26	0.18	6.05	247	18.68	106	86	51	6	0	3	0
TX GALVESTON	88	80	89	79	84	2	0.00	-1.05	0.00	1.05	29	13.28	77	85	67	0	0	0	0
TX HOUSTON	92	75	94	73	84	3	0.25	-0.85	0.23	3.29	81	26.08	120	93	65	6	0	2	0
TX LUBBOCK	86	66	99	59	76	-3	0.78	0.15	0.59	7.19	324	12.47	166	88	60	3	0	2	1
TX MIDLAND	89	69	100	63	79	-2	1.05	0.71	0.83	1.92	154	4.53	80	86	55	4	0	2	1
TX SAN ANGELO	88	72	95	67	80	-1	1.51	1.03	1.09	3.45	178	7.31	78	86	63	2	0	3	1
TX SAN ANTONIO	91	74	93	72	82	-1	1.07	0.25	1.07	7.65	244	16.97	114	92	53	6	0	1	1
TX VICTORIA	92	75	94	73	84	1	0.01	-1.10	0.01	4.27	107	21.69	131	95	57	7	0	1	0
TX WACO	89	74	92	71	82	-1	1.39	0.71	1.17	6.47	239	22.43	136	94	73	4	0	2	1
TX WICHITA FALLS	91	72	99	66	82	1	1.28	0.53	1.10	4.55	156	13.13	89	85	57	5	0	3	1
UT SALT LAKE CITY	85	59	93	50	72	1	0.02	-0.17	0.02	0.07	9	7.26	81	53	24	3	0	1	0
VT BURLINGTON	77	56	82	49	66	-1	0.11	-0.72	0.05	2.24	81	19.29	135	82	43	0	0	3	0
VA LYNCHBURG	84	64	89	61	74	1	1.20	0.40	0.73	2.63	96	15.45	81	96	59	0	0	4	1
VA NORFOLK	87	70	94	64	79	3	3.92	3.00	2.78	4.67	155	21.02	101	94	61	1	0	5	2
VA RICHMOND	86	69	91	65	77	2	0.33	-0.54	0.24	2.75	97	19.82	101	84	62	1	0	2	0
VA ROANOKE	85	65	88	61	75	2	0.25	-0.48	0.11	2.60	102	17.60	93	86	58	0	0	5	0
VA WASH/DULLES	84	61	89	48	72	-1	0.71	-0.18	0.64	3.06	97	17.03	90	92	59	0	0	4	1
WA OLYMPIA	70	48	77	43	59	-1	0.00	-0.35	0.00	2.65	196	27.42	108	91	72	0	0	0	0
WA QUILLAYUTE	64	49	68	43	56	0	0.30	-0.35	0.12	5.78	227	56.23	104	96	84	0	0	3	0
WA SEATTLE-TACOMA	68	52	74	49	60	-2	0.02	-0.30	0.01	1.64	133	18.23	100	89	72	0	0	2	0
WA SPOKANE	76	49	81	44	63	-1	0.00	-0.27	0.00	0.91	88	10.41	121	74	31	0	0	0	0
WA YAKIMA	84	54	89	50	69	3	0.00	-0.11	0.00	0.14	32	4.69	117	58	36	0	0	0	0
WV BECKLEY	78	61	83	58	69	2	2.14	1.22	0.76	3.62	120	18.76	95	94	68	0	0	5	2
WV CHARLESTON	83	65	90	61	74	1	1.05	0.19	0.43	2.60	93	20.35	104	99	59	1	0	4	0
WV ELKINS	79	58	85	53	69	3	1.59	0.54	0.84	4.14	116	21.64	101	98	55	0	0	5	1
WV HUNTINGTON	83	65	89	61	74	2	1.22	0.40	0.39	2.73	98	20.41	103	96	61	0	0	4	0
WI EAU CLAIRE	80	59	84	55	70	2	3.73	2.75	2.57	9.04	268	18.87	141	89	47	0	0	5	2
WI GREEN BAY	77	58	81	49	67	1	0.83	0.03	0.39	4.32	159	13.77	113	91	56	0	0	4	0
WI LA CROSSE	81	62	84	56	71	1	1.75	0.81	1.17	6.71	214	17.67	135	83	47	0	0	2	2
WI MADISON	77	60	81	53	68	0	1.40	0.55	0.77	8.33	285	25.11	190	83	58	0	0	2	2
WI MILWAUKEE	78	61	83	54	69	2	0.35	-0.43	0.25	3.38	132	19.94	136	80	56	0	0	3	0
WY CASPER	81	43	91	39	62	-3	0.05	-0.26	0.03	0.80	67	6.91	99	80	35	1	0	2	0
WY CHEYENNE	82	49	89	40	66	3	0.00	-0.47	0.00	0.16	10	4.54	63	71	39	0	0	0	0
WY LANDER	81	48	87	41	64	-1	0.21	-0.08	0.21	0.65	54	5.10	65	68	32	0	0	1	0
WY SHERIDAN	76	46	85	40	61	-3	0.75	0.27	0.33	1.67	90	9.70	117	87	52	0	0	4	0

Based on 1961-90 normals

*** Not Available

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

National Agricultural Summary

June 19 - 25, 2000

HIGHLIGHTS

Strong thunderstorms produced beneficial rain for parts of the Corn Belt and Great Plains. However, some areas experienced flooding, standing water, and saturated soils, while other areas remained too dry. The planting season was nearly complete, but some sorghum remained to be planted, mostly in the Great Plains. Other planting activity included replanting drowned and poorly germinated row crops. Winter grain harvest rapidly progressed in the

Great Plains and accelerated in the Corn Belt, although late-week rain limited progress. Crops in the Southeast benefited from light-to-moderate showers and some isolated heavy rain, but soil moisture shortages remained in most areas. Mostly dry weather prevailed in the High Plains and into the Rocky Mountains and Pacific Coast States. A few monsoonal showers provided moisture to parts of the interior Southwest.

Corn: Four percent of the acreage was at or beyond the silking stage, slightly ahead of last year and the 5-year average for this date. Development was most advanced in Texas, where 60 percent was at or beyond the silking stage. Warm weather promoted rapid development in North Carolina and Tennessee, with 35 percent silking in both States. Fields also rapidly entered the silking stage in Missouri, even though temperatures averaged slightly below normal. A few fields entered the silking stage in Illinois, Kansas, and Nebraska. Widespread moderate-to-heavy rain increased soil moisture supplies in most areas of the Corn Belt. The moisture aided crop conditions in the southern and western Corn Belt, especially in Kentucky, Missouri, and Kansas. In the central and eastern Corn Belt, many fields suffered due to saturated soils and standing water. Excessive moisture also damaged some fields in Iowa and Nebraska, while parts of both States remained too dry. Warm, dry weather benefited corn fields in Michigan.

Soybeans: Development remained nearly 1 week ahead of last year and the 5-year average, with 95 percent of the acreage emerged and 8 percent of the crop blooming. Normally, 3 percent of the crop would be blooming by this date. Warm weather and ample moisture supplies promoted rapid emergence in Michigan, North Carolina, and Tennessee. Crop development was most advanced in the lower Mississippi Valley, with 35 and 43 percent blooming in Louisiana and Mississippi, respectively. Despite below-normal temperatures, development accelerated in the Corn Belt, with more than 10 percent of the crop blooming in Illinois, Indiana, Iowa, Kansas, and Missouri. A few fields progressed to the blooming stage in the northern Great Plains, ahead of normal in Nebraska and South Dakota. Heavy rain and severe flooding damaged soybean fields in North Dakota and parts of the Corn Belt, while dry weather reduced surplus moisture supplies and significantly improved conditions in Michigan. In other areas of the Corn Belt, especially in Missouri, much-needed rain improved conditions.

Winter Wheat: Harvest progressed to 52 percent complete, far ahead of last year's pace. On average, this pace would be achieved on July 4. In Kansas, harvest continued at a rapid pace for a second consecutive week, advancing 35 percentage points, despite some rain delays in eastern areas of the State. At 80 percent, the Kansas wheat harvest was four times the normal pace for this date. The harvest rapidly progressed in the southern Corn Belt, advancing 23 and 20 percentage points in Illinois and Missouri, respectively, even though progress was substantially curtailed by rain late in the week. North Carolina producers also experienced rain delays, but harvested one-fourth of their crop during the week. The harvest gained momentum in Nebraska before late-week rains halted activity. Mostly dry conditions aided harvest progress in Arkansas, California, and

Texas. Harvest began in Ohio and Colorado.

Small grains: Spring wheat and barley were 43 and 41 percent headed, respectively. Development of both crops rapidly progressed and remained well ahead of last year and the average, despite below-normal temperatures across the northern Great Plains and most of the Pacific Northwest. Normally, 19 percent of the spring wheat and 21 percent of the barley are headed by this date. In Minnesota, barley headed more than doubled, to 49 percent, and spring wheat headed nearly doubled, to 53 percent. Both crops deteriorated in Minnesota due to excessive soil moisture. Sixty-five percent of the oat acreage was headed, 14 percentage points ahead of last year and 27 percentage points ahead of the average for this date. More than 40 percent of the acreage entered the heading stage in Pennsylvania during the week, while 37 percent began heading in Wisconsin. Acreage heading advanced more than 20 percentage points in North and South Dakota and nearly 30 percentage points in Minnesota. Rain significantly improved conditions in Nebraska.

Cotton: Fifty-nine percent of the cotton was at or beyond the squaring stage, well ahead of last year and the 5-year average of 47 and 48 percent, respectively. Despite seasonably cool weather, squaring rapidly progressed in the lower Mississippi Valley, advancing more than 30 percentage points in Arkansas and Tennessee. Acreage setting bolls advanced to 11 percent, 2 percentage points ahead of both last year and the 5-year average. Development gained momentum in the lower Mississippi Valley and Southwest, as cotton setting bolls jumped 13 percentage points in Louisiana and Arizona. In the Southeast, rain stimulated growth and above-normal temperatures accelerated development. Below-normal temperatures slowed development in Texas.

Rice: Fourteen percent of the crop was headed, ahead of last year's 10 percent and the 6-percent average for this date. Forty-five percent was headed in Louisiana and Texas, more than double the average in Louisiana and nearly three times the 5-year average in Texas. A few fields entered the heading stage in interior areas of the Mississippi Delta, although progress lagged slightly behind normal in Mississippi.

Other crops: Ninety-six percent of the sorghum acreage was planted and 16 percent was headed. Planting progress was ahead of last year and the 5-year average, while acreage at the heading stage was equal to last year's pace, but slightly behind the 5-year average. Twenty percent of the peanut acreage was pegging, slightly behind last year's pace.

Crop Progress and Condition

Week Ending June 25, 2000

Peanuts Percent Pegging				
	Jun 25 2000	Prev Week	Prev Year	5-Yr Avg
AL	12	4	21	26
FL	22	21	56	NA
GA	29	16	32	36
NC	10	4	9	12
OK	11	4	11	17
TX	19	9	8	NA
VA	3	0	5	7
7 Sts	20	11	22	NA
These 7 States planted 98% of last year's peanut acreage.				

Spring Wheat Percent Headed				
	Jun 25 2000	Prev Week	Prev Year	5-Yr Avg
ID	53	43	24	24
MN	53	27	45	28
MT	28	15	12	13
ND	34	15	12	11
SD	80	58	56	33
WA	72	69	69	69
6 Sts	43	25	24	19
These 6 States planted 98% of last year's spring wheat acreage.				

Barley Percent Headed				
	Jun 25 2000	Prev Week	Prev Year	5-Yr Avg
ID	49	37	28	25
MN	49	21	30	25
MT	35	21	13	11
ND	28	10	8	9
WA	79	63	56	73
5 Sts	41	25	20	21
These 5 States planted 78% of last year's barley acreage.				

Cotton Percent Squaring				
	Jun 25 2000	Prev Week	Prev Year	5-Yr Avg
AL	58	38	47	57
AZ	80	70	69	77
AR	76	38	78	70
CA	70	50	44	36
GA	61	45	58	64
LA	84	67	82	79
MS	80	67	83	78
MO	88	64	90	56
NC	45	25	40	35
OK	26	7	3	10
SC	45	25	41	41
TN	80	49	74	57
TX	47	23	27	33
VA	15	6	23	27
14 Sts	59	37	47	48
These 14 States planted 99% of last year's cotton acreage.				

Cotton Percent Setting Bolls				
	Jun 25 2000	Prev Week	Prev Year	5-Yr Avg
AL	4	3	2	4
AZ	24	11	15	27
AR	4	2	1	2
CA	10	5	1	2
GA	18	9	10	11
LA	15	2	6	12
MS	13	5	17	13
MO	8	2	24	6
NC	0	0	6	3
OK	0	0	0	0
SC	10	5	4	6
TN	2	0	3	3
TX	14	11	11	12
VA	0	0	0	0
14 Sts	11	7	9	9
These 14 States planted 99% of last year's cotton acreage.				

Soybeans Percent Emerged				
	Jun 25 2000	Prev Week	Prev Year	5-Yr Avg
AR	76	70	79	77
IL	98	98	96	NA
IN	99	97	100	NA
IA	100	100	98	95
KS	96	92	77	NA
KY	79	76	82	58
LA	97	96	97	93
MI	86	73	99	90
MN	99	99	97	97
MS	99	96	96	90
MO	96	94	84	NA
NE	100	100	93	93
NC	73	60	64	NA
ND	100	99	96	98
OH	92	86	100	85
SD	99	97	92	NA
TN	75	63	81	NA
WI	100	96	98	NA
18 Sts	95	93	93	NA
These 18 States planted 95% of last year's soybean acreage.				

Soybeans Percent Blooming				
	Jun 25 2000	Prev Week	Prev Year	5-Yr Avg
AR	4	2	6	6
IL	10	2	6	2
IN	10	0	6	1
IA	12	0	1	2
KS	12	2	1	4
KY	0	0	1	0
LA	35	26	18	18
MI	0	0	1	1
MN	0	0	1	1
MS	43	30	44	28
MO	11	3	3	1
NE	9	0	0	0
NC	0	0	4	2
ND	0	0	0	0
OH	2	0	8	3
SD	4	0	2	1
TN	1	0	2	1
WI	0	0	0	0
18 Sts	8	2	4	3
These 18 States planted 95% of last year's soybean acreage.				

Crop Progress and Condition

Week Ending June 25, 2000

Corn Percent Silking				
	Jun 25 2000	Prev Week	Prev Year	5-Yr Avg
CO	0	0	0	0
IL	3	0	1	1
IN	0	0	0	0
IA	0	0	0	0
KS	5	2	1	2
KY	10	0	2	1
MI	0	0	0	0
MN	0	0	0	0
MO	20	4	11	6
NE	1	0	0	0
NC	35	*15	34	30
ND	0	0	0	0
OH	0	0	0	0
PA	0	0	0	0
SD	0	0	0	0
TN	35	9	33	26
TX	60	55	56	55
WI	0	0	0	0
18 Sts	4	2	3	3

These 18 States planted 92% of last year's corn acreage.

Winter Wheat Percent Harvested				
	Jun 25 2000	Prev Week	Prev Year	5-Yr Avg
AR	93	82	85	81
CA	55	40	41	53
CO	9	0	0	1
ID	0	0	0	0
IL	35	12	36	22
IN	19	10	29	14
KS	80	45	6	20
MI	0	0	0	0
MO	60	40	32	29
MT	0	0	0	0
NE	21	4	0	1
NC	75	50	69	66
OH	2	0	5	1
OK	85	80	57	70
OR	0	0	0	0
SD	0	0	0	0
TX	80	61	53	64
WA	0	0	0	0
18 Sts	52	35	22	28

These 18 States harvested 90% of last year's winter wheat acreage.

Sorghum Percent Planted				
	Jun 25 2000	Prev Week	Prev Year	5-Yr Avg
AR	100	98	100	100
CO	78	61	93	89
IL	99	99	98	77
KS	98	96	89	92
LA	100	100	100	99
MO	100	100	93	92
NE	100	100	98	98
NM	93	87	89	80
OK	78	73	84	82
SD	99	95	90	87
TX	95	89	84	91
11 Sts	96	92	88	91

These 11 States planted 98% of last year's sorghum acreage.

Sorghum Percent Headed				
	Jun 25 2000	Prev Week	Prev Year	5-Yr Avg
AR	6	NA	0	6
CO	0	NA	0	0
IL	0	NA	0	0
KS	0	NA	0	0
LA	36	NA	36	17
MO	1	NA	0	0
NE	0	NA	0	0
NM	0	NA	0	0
OK	0	NA	1	2
SD	0	NA	0	0
TX	43	NA	43	48
11 Sts	16	NA	16	17

These 11 States planted 98% of last year's sorghum acreage.

Rice Percent Headed				
	Jun 25 2000	Prev Week	Prev Year	5-Yr Avg
AR	4	0	0	1
CA	0	0	0	0
LA	45	31	40	21
MS	2	0	3	4
TX	45	33	33	16
5 Sts	14	8	10	6

These 5 States planted 95% of last year's rice acreage.

Oats Percent Headed				
	Jun 25 2000	Prev Week	Prev Year	5-Yr Avg
IA	98	87	94	69
MN	60	32	53	41
NE	88	84	81	68
ND	30	7	10	7
OH	85	66	91	65
PA	90	49	80	66
SD	73	49	42	29
WI	77	40	61	45
8 Sts	65	40	51	38

These 8 States planted 52% of last year's oat acreage.

Oats Crop Condition by Percent					
	VP	P	F	G	EX
IA	1	8	27	51	13
MN	1	4	28	53	14
NE	12	16	24	35	13
ND	0	2	17	69	12
OH	0	6	27	58	9
PA	0	4	23	63	10
SD	0	3	13	69	15
WI	0	4	14	59	23
8 Sts	1	5	20	59	15
Prev Wk	1	5	20	61	13
Prev Yr	0	5	21	59	15

Spring Wheat Crop Condition by Percent					
	VP	P	F	G	EX
ID	0	1	14	75	10
MN	3	6	39	39	13
MT	4	16	37	38	5
ND	4	7	15	56	18
SD	1	3	13	57	26
WA	1	3	33	57	6
6 Sts	3	8	25	50	14
Prev Wk	3	6	24	53	14
Prev Yr	1	4	21	59	15

Crop Progress and Condition

Week Ending June 25, 2000

Corn Crop Condition by Percent					
	VP	P	F	G	EX
CO	1	10	36	36	17
IL	1	3	11	53	32
IN	0	2	13	53	32
IA	1	6	24	48	21
KS	2	6	29	52	11
KY	0	2	17	47	34
MI	2	8	25	53	12
MN	0	5	25	54	16
MO	1	3	24	57	15
NE	5	12	32	41	10
NC	1	4	25	57	13
ND	3	4	13	71	9
OH	2	5	20	50	23
PA	1	6	16	55	22
SD	0	1	12	67	20
TN	1	4	11	50	34
TX	0	3	17	61	19
WI	1	7	21	51	20
18 Sts	1	5	21	52	21
Prev Wk	2	5	21	52	20
Prev Yr	1	3	19	55	22

Soybeans Crop Condition by Percent					
	VP	P	F	G	EX
AR	2	7	29	50	12
IL	1	4	19	52	24
IN	1	7	25	52	15
IA	2	7	29	48	14
KS	0	3	26	60	11
KY	0	3	15	54	28
LA	2	5	28	61	4
MI	1	3	27	58	11
MN	1	8	30	50	11
MS	0	3	23	59	15
MO	1	6	29	55	9
NE	4	14	36	37	9
NC	1	4	19	65	11
ND	9	9	18	55	9
OH	5	13	27	45	10
SD	0	2	20	64	14
TN	0	1	12	60	27
WI	2	6	21	52	19
18 Sts	2	6	26	52	14
Prev Wk	1	6	25	54	14
Prev Yr	1	5	25	54	15

Winter Wheat Crop Condition by Percent					
	VP	P	F	G	EX
AR	1	5	29	50	15
CA	0	0	25	50	25
CO	11	20	40	25	4
ID	0	1	14	64	21
IL	1	6	29	48	16
IN	2	5	21	50	22
KS	8	20	37	33	2
MI	1	1	13	57	28
MO	4	7	30	49	10
MT	11	30	35	19	5
NE	19	37	30	14	0
NC	0	4	19	70	7
OH	1	3	17	52	27
OK	2	8	32	49	9
OR	0	1	36	53	10
SD	1	5	22	50	22
TX	12	38	32	17	1
WA	0	4	14	63	19
18 Sts	7	17	31	37	8
Prev Wk	7	17	30	38	8
Prev Yr	3	7	24	51	15

Cotton Crop Condition by Percent					
	VP	P	F	G	EX
AL	12	19	26	38	5
AZ	0	3	23	53	21
AR	2	11	31	51	5
CA	0	0	15	60	25
GA	14	19	33	28	6
LA	0	2	14	73	11
MS	1	3	20	59	17
MO	0	10	36	51	3
NC	1	3	22	66	8
OK	0	5	28	59	8
SC	5	13	28	45	9
TN	1	2	31	48	18
TX	6	9	27	42	16
VA	0	1	15	70	14
14 Sts	5	8	26	48	13
Prev Wk	6	11	30	44	9
Prev Yr	5	11	29	45	10

Peanuts Crop Condition by Percent					
	VP	P	F	G	EX
AL	45	30	25	0	0
FL	0	58	31	11	0
GA	11	17	38	29	5
NC	0	1	12	77	10
OK	0	3	37	56	4
TX	0	4	22	59	15
VA	0	0	12	72	16
7 Sts	10	15	28	40	7
Prev Wk	12	14	28	38	8
Prev Yr	1	6	24	53	16

Sorghum Crop Condition by Percent					
	VP	P	F	G	EX
AR	1	2	21	72	4
CO	0	8	37	53	2
IL	0	1	22	69	8
KS	2	6	28	59	5
LA	0	1	24	70	5
MO	0	4	24	58	14
NE	6	17	42	34	1
NM	10	20	54	16	0
OK	0	5	28	60	7
SD	0	0	15	75	10
TX	1	4	38	39	18
11 Sts	2	6	32	50	10
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	NA	NA	NA	NA	NA

Barley Crop Condition by Percent					
	VP	P	F	G	EX
ID	0	2	17	71	10
MN	4	7	37	43	9
MT	2	12	41	41	4
ND	1	4	17	58	20
WA	0	1	35	54	10
5 Sts	1	6	28	54	11
Prev Wk	1	7	28	54	10
Prev Yr	2	7	26	53	12

Rice Crop Condition by Percent					
	VP	P	F	G	EX
AR	1	3	23	61	12
CA	0	0	50	40	10
LA	0	16	40	39	5
MS	0	2	12	70	16
TX	0	0	11	44	45
5 Sts	0	5	28	54	13
Prev Wk	0	4	29	54	13
Prev Yr	0	1	22	60	17

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

NA - Not Available
 * - Revised

State Agricultural Summaries

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

ALABAMA: Days suitable for fieldwork 5.3. Topsoil 18% very short, 31% short, 51% adequate. Corn 58% silked, 62% 1999, 56% avg. Corn 28% very poor, 17% poor, 19% fair, 34% good, 2% excellent. Soybeans 87% planted, 90% 1999, 87% 5yr avg. Soybeans 78% emerged, 80%, 1999, 5 yr avg not available. Soybean 2% very poor, 18% poor, 37% fair, 43% good. Wheat 93% harvested, 78% 1999, 79% 5yr avg.; 2% very poor, 9% poor, 30% fair, 54% good, 5% excellent. Hay 93% Harvested, 92% 1999, 90% 5 yr avg. Pasture feed 19% very poor, 25% poor, 32% fair, 23% good. Livestock 4% very poor, 11% poor, 26% fair, 56% good, 3% excellent. State received much needed rainfall. Crop condition improved, except for peanuts. Pastures, hayfields are recovering. Harvesting peaches, vegetables underway, blueberries are ripening.

ALASKA: Days suitable for fieldwork 6.2. Topsoil 55% short, 45% adequate. Subsoil moisture 35% short, 65% adequate. Sunny, dry conditions at the end of the week allowed producers to start the 1st cutting hay harvest. Daytime high temperatures were mostly in the sixties, though eighties were not uncommon in the interior at the end of the week. Lows were mostly in the forties. Barley, 60% pre-boot, earlier, 40% in-boot, 40% fair, 50% good, 10% excellent. Oats 95% pre-boot, earlier, 5% in-boot, 40% fair, 50% good, 10% excellent. Mixed grains, pre-boot and earlier, 100%. Avg height of small grains, 10". Potatoes 80% emerged, 64% 1999, 72% avg.; 30% fair, 40% good, 30% excellent. Vegetable crop 5% fair, 75% good, 20% excellent. Hay 20% poor, 30% fair, 30% good, 20% excellent. Crop growth, 10% slow, 70% moderate, 20% fast. Wind, rain damage to new plantings 90% none, 5% light, 5% moderate. Major farming activities for the week included: Cutting hay fields, weed control, transplanting vegetables, irrigating vegetable, potato fields. The first crop hay harvest has begun.

ARIZONA: Precipitation, average temperatures were reported in Area during the week of June 25. Precipitation has little impact on field crops due to irrigation, but will help the range, pasture feeds. The early arrival of the monsoon season may alleviate the very dry range, pasture feeds reported throughout the State. Some areas have reported that stock water tanks are now full again after several months with no precipitation.

ARKANSAS: Days suitable 3.0. Soil moisture 2% short, 61% adequate, 37% surplus. Sorghum 97% emerged, 100% 1999, 5 yr avg.; 6% headed, 6% 5 yr. avg. 1% poor 2% poor, 21% fair, 72% good, 4% excellent. Cotton 76% squared, 78% 1999, 70% 5 yr. avg.; 4% setting bolls 1% 1999, 2% 5yr.avg.; 2% very poor, 11% poor, 31% fair, 51% good, 5% excellent. Soybean 86% planted, 89% 1999, 88% 5 yr.avg.; 76% emerged 79% 1999, 77% 5 yr. avg.; 4% bloomed, 6% 1999, 6% 5 yr. avg.; 2% very poor, 7% poor, 29% fair, 50% good, 12% excellent. Rice 4% headed, 1% 5yr.avg.; 1% very poor, 3% poor, 23% fair, 61% good, 12% excellent. Corn 10% fair, 61% good, 29% excellent. Wheat 93% harvest, 85% 1999, 81% 5 yr. avg. Alfalfa 1% very poor, 1% poor, 23% fair, 57% good, 18% excellent. Other hay 1% very poor, 2% poor, 24% fair, 53% good, 20% excellent. Pasture, Range 1% very poor, 2% poor, 15% fair, 58% good, 24% excellent. Soybean planting continued. Cotton, soybeans were being cultivated. Wheat harvest continued. Soybeans, rice were being sprayed with herbicides to control weeds. Some cotton fields were being sprayed for aphids, thrips. Many rice farmers were applying mid-season fertilizer and pre-flooding their fields. Other activities included: Fertilizing, applying weed control to pastures, as well as, cutting, baling hay. Livestock were in good condition. Cattle were being treated for horn flies, internal parasites. Many reports are received on Friday, may not reflect conditional changes due to weekend weather.

CALIFORNIA: The hot weather was ideal for cotton development, with the crop maturing at a very good rate. Field crews were hoeing weeds. Cotton plants were blooming, fields were treated to control weeds, aphids, mites, lygus, worms. Alfalfa growth also benefitted from the warm weather. Cutting continued, hay drying conditions were excellent. However, heat may have affected quality in some areas. Alfalfa seed fields were blooming; a few growers were treating for lygus, worms, mites. Irrigated barley, corn fields were being harvested. Growers continued to plant corn for silage. Wheat harvest was active. Harvested fields were being burned off, prepared to re-plant to beans or corn. Most early planted corn fields were developing cobs. Late crops were undergoing irrigation, fertilizer applications. Many rice fields were treated for weeds, weevils. Sugarbeets were growing well, with some fields harvested. Vineyards, orchards were undergoing weed control, application of fungicides, irrigation. Growers were treating grape vineyards for mildew, leafhoppers. Harvest of grapes for fresh consumption was active in the Coachella Valley. Thompson Seedless, Flame Seedless were the main varieties moving. Harvesting was active in apricots, freestone peaches, nectarines, plums. Olives were still being thinned. Picking of grapefruit was active in the San Joaquin Valley. Lemon crop harvest was active in southern area. The harvest of valencia oranges progressed in the desert areas, the San Joaquin Valley. New crop citrus was experiencing "June drop."

Strawberry picking was active on the central coast, winding down in the central valley. Late planted vegetables were thriving. Warmer weather was beneficial for the curing, drying of red onions. Sweet corn was treated for worms, new fields were planted. Good quality sweet corn was being picked, sold at local stands. Tomato growers sprayed whitewash to protect plants, fruit from sunburn. Weeding in tomato, bell pepper fields continued. Planting of cantaloupe, honeydew melon, bell pepper, freezer beans continued. Watermelon planting was winding down. Harvest of early watermelon was underway in the San Joaquin Valley. Cantaloupe harvest also began; maturity was good. There was some harvesting of romaine lettuce, collard, mustard greens. Picking of eggplant, cucumber, squash, string beans, bitter melon continued. Last week's hot weather caused some bloom drop on later planted eggplant, assorted peppers. Regular cucumber harvest was in full swing. The Salinas Valley garlic harvest continued; most of it was destined for processing. Additional vegetables harvested this week were: broccoli; carrots; Swiss chard; cilantro; fresh market processing cucumbers; fresh, processing onions; red, green leaf, lettuce; lemon grass; okra leaf; parsley; kabocha, summer scalloped, yellow crookneck, zucchini squash; snap peas; radishes; spinach; turnips. Valley, higher elevation summer pastures were in good condition. Livestock were in good condition. The movement of beef cattle from foothill pastures was complete. Operators were using water misters in dairy barns to improve milk production on hot days. Misters were also being used to cool turkeys in sheds. Bees were working in seed alfalfa, melon, safflower fields.

COLORADO: Days suitable for fieldwork 6.8. Topsoil 41% very short, 42% short, 17% adequate, 0% surplus. Subsoil moisture 37% very short, 37% short, 26% adequate, 0% surplus. Over all temperatures were more seasonal during the week with windy conditions, and limited precipitation. The southeast part of the state received some much needed moisture over the weekend. Most crop condition ratings deteriorated due to the lack of moisture. Spring 79% barley headed, 68% 1999, 67% avg.; 20% turning color, 4% 1999, 16% avg.; 2% very poor, 6% poor, 15% fair, 57% good, 20% excellent. Dry onions 3% very poor, 5% poor, 21% fair, 57% good, 14% excellent. Sugar beets 2% very poor, 7% poor, 17% fair, 53% good, 21% excellent. Summer potatoes 1% very poor, 4% poor, 11% fair, 48% good, 36% excellent. Fall potatoes 4% poor, 15% fair, 56% good, 25% excellent. Dry beans 98% planted, 99% 1999, 88% avg.; 85% emerged, 91% 1999, 77% avg.; 12% very poor, 9% poor, 24% fair, 44% good, 11% excellent. Spring wheat 71% headed, 51% 1999, 45% avg.; 30% turning color, 3% 1999, 8% avg.; 5% very poor, 9% poor, 15% fair, 48% good, 23% excellent. Alfalfa 86% 1st cutting, 70% 1999, 69% avg.; 5% 2nd cutting, 3% 1999, 2% avg.

DELAWARE: Days suitable for fieldwork 6.4. Topsoil 11% short, 85% adequate, 4% surplus. Subsoil moisture 4% short, 92% adequate, 4% surplus. Winter wheat 1% poor, 15% fair, 77% good, 17% excellent. Winter wheat 13% harvested, 20% 1999, 13% avg. Barley 13% fair, 70% good, 17% excellent; 66% harvested, 88% 1999, 81% avg. Sweet corn 78% planted, 94% 1999, 92% avg. Cucumbers 73% planted, 51% 1999, 59% avg. Soybeans 63% planted, 63% 1999, 61% avg.; 47% emerged, 56% 1999, 21% avg. Sorghum 70% planted, 83% 1999, 75% avg. Green peas 73% harvested, 68% 1999, 70% avg. Snap beans 8% harvested, 0% 1999, 5% avg. Pasture feed 2% poor, 13% fair, 78% good, 7% excellent. Corn 11% fair, 81% good, 8% excellent. Soybean 2% poor, 10% fair, 76% good, 12% excellent. Apple 16% fair, 75% good, 9% excellent. Peach 13% fair, 77% good, 10% excellent. Hay supplies 18% short, 80% adequate, 2% surplus. Percent of cutting hay crop harvest; clover, other hays, 2nd cutting 35% cut, 14% 1999, 27% avg. Alfalfa 2nd cutting 31% cut, 50% 1999, 36% avg. Activities: Periodic showers not a help for harvesting barley, wheat since farmers are anxious to get double-cropped soybeans planted. Corn making rapid growth, pea harvest continues.

FLORIDA: Welcome rains including scattered showers, thunderstorms varied by area over most of State. Rainfall for week at major stations ranged from nearly a quarter of an inch in West Palm Beach area to over an inch, a half in Tallahassee area. Some smaller areas reported over 5 inches of rain. Temperatures during week at major stations averaged mostly one degree above normal. Highs were in 90s while lows were in upper 60s and 70s. Moisture in State mostly very short to short with scattered areas of adequate moisture. Farmers in areas that received rain replanting poor stands of peanuts. Irrigated tobacco in good condition. Tobacco harvest starting. Irrigated sugarcane in good condition. Sand land sugarcane being stressed by drought. First, second cutting of hay lost. Wild fires on Peninsula due to lack of rainfall. Peanuts 22% planted, 58% poor, 31% fair, 11% good. Recent rains continue helping to replenish soil moisture with more needed. Major vegetables available include: Watermelons, okra, tomatoes. Rain all citrus areas, more needed, trees, new crop fruit making good progress. Lakes, ponds, streams need to be refilled due to winter, spring drought. Valencia harvest almost over as supplies are running low. Grapefruit harvest down to few last crops. Honey tangerine harvest nearly over for year. Caretakers

cutting cover crops, spraying, fertilizing, hedging, topping, burning grove trash, debris. Pasture feed 5% very poor, 65% poor, 30% fair. Cattle 5% very poor, 25% poor, 65% fair, 5% good. Panhandle: pastures in several locations received rain, grass growth started. Central: pasture feed improved at many locations following afternoon rains. However, stock ponds, lakes very low or dried up. West Central: pasture growth up slightly, but overall condition still poor to fair due to drought. Southwest pasture feed fair, condition of cattle, calves fair to good.

GEORGIA: Days suitable for field work 5.5. Soil moisture 31% very short, 35% short, 32% adequate, 2% surplus. Corn 54% dough, 57% 1999, 45% avg.; 19% dent, 19% 1999, 11% avg.; 3% mature, 3% 1999, 1% avg. Hay 28% very poor, 29% poor, 30% fair, 13% good. Peanuts 67% blooming, 65% 1999, 75% avg. Sorghum 27% very poor, 31% poor, 29% fair, 12% good, 1% excellent; 86% planted, 91% 1999, 88% avg. Soybeans 82% planted, 88% 1999, 86% avg. Tobacco 6% very poor, 20% poor, 42% fair, 30% good, 2% excellent; 7% harvested, 5% 1999, 7% avg. Watermelons 8% very poor, 14% poor, 43% fair, 31% good, 4% excellent; 44% harvested, 25% 1999, 25% avg. Apples 1% very poor, 2% poor, 35% fair, 51% good, 11% excellent. Peaches 6% very poor, 7% poor, 23% fair, 48% good, 16% excellent; 53% harvested, 35% 1999, 56% avg. Pecans 10% very poor, 23% poor, 43% fair, 23% good, 1% excellent. Scattered rains fell across much of the State last week, but soil moisture levels remained low. Temporary relief was brought to the fields and pastures that received rain. Pond, creek levels continued to drop. Irrigation was used where available. There were reports of improvement in cotton stands. Cut worms appeared in peanuts. Rain delayed further soybean planting. Hail damaged some tobacco, cotton fields. Tobacco harvesting proceeded. Pastures, hayfields continued to suffer from the dry conditions. Cattlemen fed recently harvested hay, liquidated herds. Dairy cattle were stressed as a result of warm weather, poor pasture feeds. Other activities included: Millet planting as well as harvesting watermelons, cantaloupes.

HAWAII: Variable weather remained fair to good for agriculture. Days mostly sunny to partly cloudy. Light winds. Rainfall was generally light, heavier amounts over weekend in southern islands. Banana and papayas in active harvest. Crop condition mostly good. Head cabbage and other cool-weather crops in fair to good condition. Warmer temperatures hampering crop development. Watermelon harvesting increasing.

IDAHO: Days suitable for field work 6.4. Topsoil 14% very short, 29% short, 55% adequate, 2% surplus. Crops remain in good condition despite the continued warm, dry weather. Precipitation totals were minimal across most of the state. The 2nd cutting of alfalfa hay is well underway. Irrigation supply 22% excellent, 41% good, 26% fair, 8% poor and 3% very poor. Oats headed 24%, 1999 32%. Dry Beans 92% emerged, 79% 1999, 80% avg. Cherries 10% harvested, 3% 1999, 10% avg. Potatoes 100% emerged, 94% 1999, 93% avg.; 12' high 63%, 23% 1999, 30% avg.; closing 22% middles, 3% 1999, 7% avg. Alfalfa hay 1st cutting 83% harvested, 70% 1999, 63% avg.; 2nd cutting 6% harvested, 2% 1999, 1% avg. Winter wheat 82% headed, 66% 1999, 74% avg.; turning 8% color, 6% 1999, 100% jointed; 100% booted. Spring wheat 53% headed, 24% 1999, 24% avg.; 94% jointed; 79% booted. Spring barley 49% headed, 28% 1999, 25% avg.; 95% jointed; 78% booted. Activities: Cultivating, irrigating, spraying weeds, monitoring for disease, pests.

ILLINOIS: Days suitable for fieldwork 3.1. Topsoil 6% short, 70% adequate, 24% surplus. Corn height 46 in., 37 in. 1999, 25 in. avg. Wheat 99% turning yellow, 97% 1999, 88% avg.; 87% ripe, 78% 1999, 57% avg. Oats 96% headed, 96% 1999, 78% avg.; 67% filled, 64% 1999, 37% avg.; 23% turning yellow, 20% 1999, 7% avg.; 6% ripe, 9% 1999, 2% avg.; 1% poor, 11% fair, 61% good, 27% excellent. Alfalfa 1st 97% cut, 95% 1999, 89% avg.; 2nd 28% cut, 24% 1999, 10% avg.; 1% poor, 13% fair, 62% good, 24% excellent. Red clover 81% cut, 86% 1999, 75% avg.; 4% poor, 17% fair, 59% good, 20% excellent. Rainfall last week hindered replanting progress of flooded crops in the northern portion of the state. The southern portion is now reporting standing water, flooding in low-lying areas as well. Winter wheat harvest is underway in all areas in the state, though somewhat delayed. There have been reports of low test weights due to disease, the hot, dry weather during crop development. Despite the wet weather, the corn crop remains ahead of normal. Soybeans are also ahead of normal. Other activities for last week included: Caring for livestock, spraying soybeans.

INDIANA: Days suitable for fieldwork 2.3. Topsoil 3% short, 63% adequate, 34% surplus. Subsoil 4% very short, 19% short, 64% adequate, 13% surplus. Field activities slowed by rain, heavy amounts some areas. Ponding, flooding in low lying areas, some fields. Corn growing rapidly, many fields are waist high. Precipitation averaged 0.78 inches to 4.42 inches. Temperatures averaged 3E below normal to 2E above normal. Soybean planting complete, except for double crop soybeans. Weeds in many soybean fields. Post herbicide applications difficult, wet, windy conditions. Range, pasture 1% very poor, 6% poor, 24% fair, 50% good, 19% excellent. Transplanting of tobacco 97%, 93% 1999, 74% avg. First cutting alfalfa hay 98% complete, 100% 1999, 84% avg. Livestock in mostly good condition. Major activities: Harvesting winter wheat, planting double crop soybeans, cutting, baling hay, spraying, mowing pastures, cleaning up, equipment repair, cultivating, scouting fields, hauling manure, feeding, caring for livestock.

IOWA: Days suitable for field work 5.5. Topsoil 11% very short, 26% short, 56% adequate, 7% surplus. Subsoil moisture 27% very short, 35% short, 35% adequate, 3% surplus. Farmers in north central to east central state would like to see some warm, sunny weather. In east central section of state, reports of excessive soil erosion, water standing in low spots causing crops to be planted for third time. Producers in western, southwestern parts of state still needing more rain. Getting soybeans sprayed continued to be a problem this week. High winds, wet weather for some slowed, or made herbicide application difficult. Hot, southwesterly winds being blamed for stressing some crops in west central, northwest areas of State. Corn 72% cultivated, 56% 1999, 50% avg. Corn stand compared to normal 94%. Corn height: tallest 47 inches; average 35 inches. Corn 1% very poor, 6% poor, 24% fair, 48% good, 21% excellent. Soybeans 100% emerged, 98% 1999, 95% avg.; 12% blooming, 1% 1999, 2% avg. Soybean 2% very poor, 7% poor, 29% fair, 48% good, 14% excellent. Oats 98% headed, 94% 1999, 69% avg.; 38% turning, 14% 1999, 9% avg.; 1% very poor, 8% poor, 27% fair, 51% good, 13% excellent. Winter wheat 14% harvested, 1% very poor, 9% poor, 30% fair, 47% good, 13% excellent. Range, pasture feed 14% very poor, 23% poor, 33% fair, 23% good, 7% excellent. First cutting 99% of alfalfa, 86% 1999, 79% avg.; second cutting 13%, 4% 1999, avg. 3%. First cutting of clover hay 85%, 1999 59%, avg. 46%. Hay condition: 9% very poor, 15% poor, 29% fair, 34% good, 13% excellent. Livestock generally in good condition. In northeast, east central State pastures growing well, with cattle barely keeping up with grass. However, west central, southern third of state continue to see shortage of hay; some pastures drying up.

KANSAS: Days suitable for fieldwork 4.5. Topsoil 13% very short, 35% short, 37% adequate, 15% surplus. Subsoil moisture 11% very short, 37% short, 46% adequate, 6% surplus. Wheat harvest continues rapidly. Wheat 100% ripe, 74% 1999, 59% avg. Sorghum 94% emerged, 80% 1999. Sunflowers 92% planted, 86% 1999, 79% emergence, 3% poor, 33% fair, 61% good, 3% excellent. 2nd cutting alfalfa 61%, 26% 1999, 27% avg. Range, Pasture feed 6% very poor, 15% poor, 34% fair, 39% good, 6% excellent.

KENTUCKY: Days suitable for fieldwork 3.2. Topsoil 1% very short, 9% short, 72% adequate, 18% surplus. Subsoil moisture 6% very short, 31% short, 53% adequate, 10% surplus. Rains throughout the week generally improved the growth of crops. Some crop damage in low lying areas where heavy rains were received. Few disease, insect problems reported in corn, tobacco. Corn 10% silking. Single crop soybeans 98% planted, second crop soybeans 45% planted. Emerged soybean height averaged 8 inches high. Set tobacco 1% very poor, 4% poor, 18% fair, 59% good, 18% excellent. About 11% of the crop was over 24 inches tall, 44% was between 12-24 inches, 45% was under 24 inches. Barley 93% harvested, wheat 72% harvested. Pastures 1% very poor, 7% poor, 30% fair, 49% good, 13% excellent. Sorghum 80% planted.

LOUISIANA: Days suitable for fieldwork 5.5. Soil moisture 7% very short, 27% short, 62% adequate, 4% surplus. Corn 6% very poor, 8% poor, 24% fair, 56% good, 6% excellent; 95% silked, 95% 1999, 91% avg.; 65% dough stage, 36% 1999, 46% avg.; 9% mature, 1% 1999, 2% avg. Hay 89% 1st cutting, 92% 1999, 87% avg. Hay producers were harvesting. Peaches 45% harvested, 51% 1999, 42% avg. Soybeans 99% planted, 100% 1999, 96% avg. Sorghum 99% emerged, 100% 1999, 99% avg. Sorghum conditions improved with the rain that was received. Sugarcane 11% poor, 31% fair, 43% good, 15% excellent. Sugarcane farmers were scouting for bores, working fallow land. Sweetpotatoes 90% planted, 95% 1999, 84% avg. Sweet potato planting continued to make good progress. Livestock 2% very poor, 7% poor, 35% fair, 43% good, 13% excellent. Vegetables 5% very poor, 13% poor, 37% fair, 38% good, 7% excellent.

MARYLAND: Days suitable for fieldwork 5.1. Topsoil 4% short, 92% adequate, 4% surplus. Subsoil moisture 7% short, 91% adequate, 2% surplus. Winter wheat 1% very poor, 4% poor, 24% fair, 63% good, 8% excellent. Barley 1% very poor, 5% poor, 18% fair, 67% good, 9% excellent; 60% harvested, 81% 1999, 70% avg. Rye 1% poor, 10% fair, 76% good, 13% excellent. Cucumbers 81% planted, 93% 1999, 94% avg.; 30% harvested, 22% 1999, 14% avg. Soybeans 75% planted, 74% 1999, 70% avg.; 68% emerged, 66% 1999, 27% avg. Sorghum 81% planted, 82% 1999, 83% avg. Potatoes 9% harvested, 9% 1999, 5% avg. Green peas 78% harvested, 86% 1999, 76% avg. Pasture feed 1% very poor, 3% poor, 21% fair, 51% good, 24% excellent. Corn 1% very poor, 1% poor, 8% fair, 64% good, 26% excellent. Soybean 1% very poor, 2% poor, 17% fair, 64% good, 16% excellent. Apple 20% fair, 67% good, 13% excellent. Peach 13% fair, 67% good, 20% excellent. Hay supplies 4% short, 88% adequate, 8% surplus. Percent of cutting hay crop harvest; 2nd cutting clover, other hays 31% cut, 36% 1999, 16% avg.; 2nd cutting alfalfa 30% cut, 41% 1999, 30% avg. Activities: Rain keeping corn looking great but slowing small grain harvest.

MICHIGAN: Days suitable for fieldwork 5.0. Topsoil 1% very short, 7% short, 71% adequate, 21% surplus. Subsoil 1% very short, 17% short, 70% adequate, 12% surplus. All Hay 2% very poor, 4% poor, 21% fair, 57% good, 16% excellent. Oats 3% poor, 23% fair, 68% good, 6% excellent. All Hay 1st cutting 62%, 83% 1999, 73% avg. Corn Height 11 inches, 20% in 1999, 15% avg. inches. Dry beans 87% planted, 91% 1999, 82% avg.; 46% emerged, 81% 1999. Oats 64% headed, 73% 1999, 46% avg. Soybeans 94% planted, 99% 1999, 96% avg. Strawberries 82% harvested, 88% 1999, 58% avg. Warm, dry, windy conditions early week gave saturated fields southern state a chance to dry. Dry weather welcome as many farmers' fieldwork had

been delayed by wetter than normal conditions this spring. Fields across State showing signs of wet, cool spring. Bare areas where water ponded replanted. Precipitation for week ranged from 0.25 inches Central Lower Peninsula to 2.27 inches Southeast Lower Peninsula. Growing degree days (GDD) remained above average across State, with exception being Thumb which continued slightly below normal for season. Corn height variable, reports of European corn borer moths continued. Weed control ranged from excellent to poor throughout State. Corn looking better with a healthier dark green color due to warmer conditions. Reports showed that a handful of producers still trying to finish soybean planting. Soybeans still emerging and looking better. Wheat fields turning rapidly. Scab present some fields, but not a problem. Potato leafhopper numbers below threshold alfalfa fields. First cutting still underway, with reports from excellent to poor yields. Oats, barley heading, with good stands. Sugarbeets stands looking good. Dry bean producers looking to finish up planting, with some having to replant. Cabbage continued to look good most fields. Early planted potatoes beyond bloom. Sweet corn continued to develop well and early plantings had tassels showing. Processing tomatoes all planted with earlier planted fields yellow with flowers. Market tomatoes had fruit developing 2 inches or more size. Pepper transplants had greened, but growth slow due to cool, cloudy weather Southwest. Cucumber harvest began and summer squash harvest continued Monroe County, Southwest. Snap bean planting Montcalm County progressing, fields looking good; early plantings flower. Insecticides being applied on onions Macomb County. Replanted carrot fields emerging. Late planted peas bloom. Apples ranged from 1.25 to 1.75 inches diameter. Fire blight has done extensive damage some Southwest orchards. Tart cherries ranged from coloring fruit Southwest to straw-colored fruit Northwest. Harvest will start this week Southwest. Sweet cherry harvest started Southwest. Cherry leaf spot a problem Northwest. Plum trees had 1.0 to 1.25 inch fruit, while peach trees had 1.75 inch fruit. Blueberries late green fruit stage. Strawberry harvest continued southern, central counties. Fall raspberry canes had green fruit, while summer raspberry harvest started last week. Concord grapes had buckshot berries.

MINNESOTA: Days suitable for fieldwork 2.9. Topsoil 2% very short, 2% short, 69% adequate, 27% surplus. Spring Wheat 90% jointed, 88% 1999, 76% avg. Oats 92% jointed, 92% 1999, 87% avg. Barley 89% jointed, 79% 1999, 71% avg. Corn 72% cultivated, 72% 1999, 69% avg.; 24 in. height, 25 in. 1999, 21 in. avg. Soybeans 40% cultivated, 37% 1999, 37% avg.; 7 in. height, 6 in. 1999, 6 in. avg. Alfalfa 86% 1st cutting, 93% 1999, 88% avg. Pasture feed 1% very poor, 4% poor, 25% fair, 59% good, 11% excellent. Rain delayed fieldwork for a second week for most of the state. Rain, wind across the southern half of the state halted spraying of soybeans, corn. Rains were spotty and missed scattered portions of the state. Areas that missed rain this week still had adequate topsoil moisture, crops were in good to excellent condition. Hail was reported in Yellow Medicine, Morrison counties. Flooding has occurred in areas surrounding the Wild Rice River, the South Branch of the Wild Rice River, affecting Mahanomen, Norman, Clay, Becker counties.

MISSISSIPPI: Days suitable for fieldwork 5.6. Soil moisture, 15% very short, 32% short, 50% adequate and 3% surplus. Corn 83% silked, 82% 1999, 70% avg.; 4% very poor, 4% poor, 16% fair, 58% good, 18% excellent. Cotton 80% squaring, 83% 1999, 78% avg.; 13% setting bolls, 17% 1999, 13% avg.; 1% very poor, 3% poor, 20% fair, 59% good, 17% excellent. Rice 2% headed, 3% 1999, 4% avg.; 2% poor, 12% fair, 70% good, 16% excellent. Soybean 99% emerged, 96% 1999, 90% avg.; 43% blooming, 44% 1999, 28% avg.; 3% poor, 23% fair, 59% good, 15% excellent. Wheat 99% harvested, 96% 1999, 90% avg. Sweet potatoes 90% planted, 86% 1999, 71% avg.; 1% poor, 46% fair, 48% good, 5% excellent. Watermelons 98% planted, 98% 1999, 98% avg.; 4% harvested, 10% 1999, 6% avg.; 1% very poor, 11% poor, 11% fair, 66% good, 11% excellent. Hay (Warm Season) 36% harvested, 46% 1999, 41% avg.; 10% very poor, 23% poor, 35% fair, 29% good, 3% excellent. Blueberries 16% poor, 39% fair, 29% good, 16% excellent. Cattle, 5% very poor, 9% poor, 24% fair, 55% good, 7% excellent. Pasture 16% very poor, 18% poor, 26% fair, 35% good, 5% excellent. Insects continue to be a problem in cotton throughout some parts of the state. Lack of rain is stressing crops in some parts of the state.

MISSOURI: Days suitable for fieldwork 3.1. Topsoil 6% very short, 14% short, 66% adequate, 14% surplus. Subsoil moisture 18% very short, 38% short, 42% adequate, 2% surplus. Temperatures during the past week ranged from 3rd below normal to 1st above normal. The weekly precipitation averaged 2.73 inches, ranging from 0.58 inches in the southeast to 4.86 inches in the northwest district. Crops are continuing to benefit from plentiful moisture supplies, however some low-lying fields are suffering from standing water. Wheat harvest is over 60% compared to 32% 1999, 29% normal. Double-crop soybeans planted 53%, compared to 24% 1999, 22% normal. Second crop alfalfa hay 43% cut, compared with 25% in 1999, 16% avg. Other hay cut 77% complete, 67% in 1999, 59% avg. Cotton setting bolls is 8% complete, compared to 24% 1999, 6% normal. Pasture feeds 15% very poor, 23% poor, 43% fair, 18% good, 1% excellent.

MONTANA: Days suitable for fieldwork 5.5. Topsoil 17% very short, 33% short, 49% adequate, 1% surplus. Subsoil moisture 30% very short, 44% short, 26% adequate, 0% surplus. Oats 48% boot, 31% 1999, 44% avg.; 22% headed, 8% 1999, 12% avg.; 4% very poor, 16% poor, 35% fair, 36% good, 9% excellent. Corn 0% very poor, 6% poor, 32% fair, 47% good, 15% excellent. Dry beans 0% very poor, 6% poor, 45% fair, 38% good, 11% excellent. Potatoes 91% emerged, 74% 1999, 79% avg. Potatoes 0% very

poor, 1% poor, 11% fair, 51% good, 37% excellent. Sugar beets 0% very poor, 12% poor, 28% fair, 41% good, 19% excellent. Barley in boot 59%, 39% 1999, 43% avg. Spring wheat in boot 59%, 36% 1999, 47% avg. Winter wheat 94% headed, 67% 1999, 67% avg.; 17% turning, 0% 1999, 0% avg. Alfalfa hay 1st cutting 32%, 19% 1999, 16% avg. Other hay 1st cutting 13%, 12% 1999, 11% avg. Rain showers during the week slowed work as alfalfa cutting got underway. Yields for the 1st cutting are reported to be below normal due to drought in many areas of the state. Producers report that if rains continue spring-sown grains will yield at normal levels, but the moisture is too late for winter wheat. Pulse growers are experiencing outbreaks of ascochyta blight because mild weather has caused ideal growing conditions for the fungus. Central State ranchers report that livestock water is short and many reservoirs are empty. Pasture feed, range indicate that 38% of the state's grazing lands are in poor or very poor shape. Recent rains are helping pastures to green, but may not cause much additional growth since many of the grasses are already headed.

NEBRASKA: Days suitable for fieldwork 5.7. Topsoil 32% very short, 36% short, 30% adequate, 2% surplus. Subsoil moisture supplies were rated mostly very short to short. Temperatures for the week averaged 1 to 2nd below normals. Precipitation occurred across area, ranging from traces to over 8.0 inches. Corn 5% very poor, 12% poor, 32% fair, 41% good, 10% excellent. Soybeans 4% very poor, 14% poor, 36% fair, 37% good, 9% excellent; 9% bloomed. Sorghum 6% very poor, 17% poor, 42% fair, 34% good, 1% excellent. Winter Wheat 19% very poor, 37% poor, 30% fair, 14% good; 56% ripe, 13% 1999, 5% avg.; 21% harvested, 0% 1999, 1% avg. Oats 12% very poor, 16% poor, 24% fair, 35% good, 13% excellent; headed 88%, 81% 1999, 68% avg.; 3% harvested for grain. Dry beans 5% very poor, 12% poor, 42% fair, 35% good, 6% excellent. Alfalfa 1st cutting 97% harvested, 95% 1999, 89% avg.; 2nd cutting 19% harvested, 6% 1999, 1% avg.; 19% very poor, 25% poor, 28% fair, 27% good, 1% excellent. Wild hay 15% very poor, 34% poor, 33% fair, 17% good, 1% excellent. Pasture, range 27% very poor, 31% poor, 33% fair, 9% good. Some cattle moved off pastures, others receiving supplemental feed. Other producer activities included: Irrigating, harvesting hay, wheat, livestock care.

NEVADA: Predominately warm weather was moderated by passing thunderstorms toward the end of the week. Lightning sparked several range fires in northern State, but accompanying rains helped to extinguish some. Irrigation water supplies short to adequate with irrigation needs remaining high. Stream, creek levels remain low. Crop condition ratings fair to excellent. Alfalfa growers in northern State were finishing up first cutting, beginning the second. Second, third cutting underway south. Timothy, grass hay harvests continued. Warm weather advanced heading of small grains. Onions, garlic growing well. Potatoes developing. Weed, insect control very active. Grasshopper, cricket control undertaken in some areas. Pasture, range conditions rated mostly fair to good although drying. Livestock movement to most summer pastures complete. Main farm, ranch activities: Alfalfa, other hay harvest, irrigation, weed, insect control, putting bees out, working livestock, gopher control.

NEW ENGLAND: Days suitable for fieldwork: 6.0. Topsoil 6% short, 70% adequate, 24% surplus. Subsoil moisture 4% short, 75% adequate, 21% surplus. Pasture feed 4% fair, 48% good, 48% excellent. Maine potatoes 95% emerged, 100% 1999, 85% avg. Rhode Island potatoes 100% emerged, 100% 1999, 100% avg. Massachusetts potatoes 100% emerged, 100% 1999, 100% avg. Oats in Maine 100% emerged, 100% 1999, 100% avg. Barley in Maine 100% emerged, 100% 1999, 100% avg. Silage corn: 90% planted, 100% 1999, 100% avg.; 70% emerged, 100% 1999, 95% avg. Sweet corn 85% planted, 100% 1999, 95% avg.; 75% emerged, 95% 1999, 90% avg. Shade tobacco condition good. Broadleaf tobacco condition good to fair. First crop hay 50% harvested, 85% 1999, 65% avg. Apples: fruit set below avg to avg, fruit size avg, condition good to fair. Peaches fruit set avg to above avg, fruit size above avg to avg, condition fair to good. Pears fruit set avg to below avg, fruit size avg to below avg, condition fair to good. Strawberries: fruit set avg, fruit size avg, condition good to fair; 35% harvested, 70% 1999, 40% avg. Cranberries condition good to fair. Highbush blueberries fruit set avg, fruit size avg, condition good to excellent. Wild Blueberries in Maine fruit set avg, fruit size avg, condition good. Summer, warmer weather finally arrived. Major farm activities: Nitrate testing, making hay, hilling, cultivating potatoes, spraying herbicides, removing bees from all crop fields, planting peppers, eggplant, replanting tomatoes, harvesting strawberries, peas, greenhouse tomatoes, cucumbers.

NEW JERSEY: Days suitable for field work 6.1. Topsoil 11% short, 78% adequate, 11% surplus. Corn 97% planted, 61% good, 39% excellent. Pest pressure increased in some fields. Soybeans 80% planted. Late soybean planting will begin after barley, wheat fields are harvested. A few barley, wheat fields were harvested while combining will begin in other areas this week. First hay cutting was complete in most localities. Sweet corn crop 22% fair, 78% good. Insect pressure rose in some sweet corn fields, especially fields planted under plastic. Strawberry harvest was complete in most localities. Blueberry harvest pace quickened as early varieties were maturing. Peach fruit began growing to favorable market size in some areas. A few early variety peaches were harvested with excellent quality. Vegetables, including fall leeks, were transplanted where conditions allowed. A few late spring spinach fields were harvested for processing.

NEW MEXICO: Days suitable for field work 6.5. Topsoil 46% very short, 34% short, 20% adequate. Temperatures for the week were within a few degrees of normal at most locations, the statewide average was within a degree of normal. Some locations over the south, east hit the 100th mark over the weekend. Hit, miss showers, thunderstorms produced some measurable rainfall at about three quarters of the reporting stations. Although additional rainfall was received, some areas were still suffering from extreme drought conditions. Harvesting, irrigating, cultivating, weed control were the main farm activities during the week. Onions were in slightly better condition than last week with 40% of the crop harvested. The chile condition remained unchanged from last week at 2% poor, 20% fair, 75% good, 3% excellent. The irrigated wheat crop was in mostly fair to good condition with total wheat harvested 91% complete. The alfalfa condition slightly declined from last week and there was still about 20% of the 2nd cutting incomplete. Corn 35% fair, 50% good, 15% excellent. Cotton was in mostly fair to excellent condition with 70% squaring. Some ranchers were still hauling water, secondary feeds, but the range conditions had improved for some areas of the state. Cattle conditions varied from very poor to good across the state. Sheep 14% very poor, 33% poor, 37% fair, 16% good. Pasture, range feed 24% very poor, 40% poor, 30% fair, 6% good.

NEW YORK: Days suitable 3.5. Soil moisture 10% adequate, 90% surplus. Pasture feed 19% fair, 58% good, 23% excellent. Hay 9% poor, 43% fair, 39% good, 9% excellent. Oat 33% fair, 67% good. Wheat 50% fair, 50% good. Corn 84% planted, 100% 1999, 98% avg. First cutting alfalfa 49% complete, 86% 1999, 77% avg. Clover-timothy hay 38% harvested, 78% 1999, 68% avg. Grass silage 70% harvested, 91% 1999, 83% avg. Many farmers returning unused seed, chemicals, fertilizers to point of purchase. Apples in fair to good condition. Lake Ontario region growers concerned about apple size. Trees are stressed from fireblight, scab, powdery mildew. Strawberry harvest in full swing. Quality, yields good. Late cabbage being set where possible.

NORTH CAROLINA: Days suitable for field work to 5.2 The rainfall limited compared to 6.0 the previous week. The Hot weather combined with widespread, afternoon thundershowers continued this week in the state. Parts of the Coastal Plains region, the major crop growing area, received rainfall amounts from 1 to 4 inches. combination of hot weather, rainfall puts soil moisture at it's current rating of 7% very short, 30% short, 55% adequate, 8% surplus, which is about the same as last week. Major gains were made in small grain harvesting, soybean planting, which are well ahead of their respective five-year averages. Significant progress was made in Irish potato harvesting, while sweet potato transplanting saw only modest increases. Other activities included: Sorghum planting, burley tobacco setting, continued hay cutting, pest management for all crops.

NORTH DAKOTA: Days suitable for field work 4. Topsoil 0% very short, 5% short, 78% adequate, 17% surplus. Subsoil moisture 2% very short, 9% short, 79% adequate, 10% surplus. Cool, wet weather was reported across most of state, except for the southwest, with the east receiving heavy rainfall, causing flooding. Durum wheat 56% jointing, beyond, 27% 1999, 34% avg.; 30% boot, beyond, 8% 1999, 12% avg.; 8% heading, beyond, 2% 1999, 3% avg. Canola 92% rosette, 65% 1999. Potatoes 99% emerged, 91% 1999, 95% avg. Sunflowers 97% emerged, 89% 1999, 95% avg. Emerged crop Durum wheat 1% very poor, 5% poor, 19% fair, 61% good, and 14% excellent. Canola 2% very poor, 5% poor, 16% fair, 55% good, 22% excellent. Dry edible beans 13% very poor, 13% poor, 22% fair, 45% good, 7% excellent. Flaxseed 2% very poor, 4% poor, 16% fair, 59% good, 19% excellent. Potatoes 14% very poor, 17% poor, 24% fair, 39% good, 6% excellent. Soybeans 9% very poor, 9% poor, 18% fair, 55% good, 9% excellent. Sugarbeets 7% very poor, 12% poor, 28% fair, 42% good, 11% excellent. Sunflower 2% very poor, 4% poor, 18% fair, 62% good, 14% excellent. Broad leaf, wild oat spraying 84%, 94% complete respectively. Pasture, range 1% very poor, 6% poor, 24% fair, 56% good and 13% excellent. Stockwater supplies were 1% very short, 4% short, 89% adequate, 6% surplus. Hay 90% of normal. Alfalfa 1st cutting was 35% complete while other hay was 11% complete.

OHIO: Days suitable for fieldwork 2.6. Topsoil 0% very short, 2% short, 59% adequate, 39% surplus. Alfalfa hay 1st 89% cutting; 99% 1999, 83% avg. Alfalfa hay 2nd 9% cutting, 31% 1999, 11% avg. Cucumbers 85% planted, 88% 1999. Oats 85% headed, 91% 1999, 66% avg.; 3% ripe, 8% 1999. Other hay 1st 79% cutting; 97% 1999, 73% avg. Other hay 2nd 4% cutting, 9% 1999, 4% avg. Processing tomatoes 95% planted, 100% 1999, 100% avg. Soybeans 95% planted, 100% 1999, 96% avg. Soybeans 92% emerged, 100% 1999, 85% avg. Soybeans 2% blooming, 8% 1999, 1% avg. Strawberries 90% harvested, 94% 1999, 67% avg. Winter wheat 16% ripe, 42% 1999, 2% harvested, 5% 1999, 1% avg. Corn 2% very poor, 5% poor, 20% fair, 50% good, 23% excellent. Hay 2% very poor, 12% poor, 26% fair, 47% good, 13% excellent. Oats 0% very poor; 6% poor; 27% fair; 58% good; 9% excellent. Pasture 1% very poor, 5% poor, 25% fair, 54% good, 15% excellent. Soybeans 5% very poor, 13% poor, 27% fair, 45% good, 10% excellent. Winter wheat 1% very poor, 3% poor, 17% fair, 52% good, 27% excellent. Activities for the week included: Replanting soybeans; harvesting wheat, barley; trenching water off fields; side dressing crops; spraying weeds; applying fertilizer; making hay; chopping silage; certifying crops; repairing equipment, buildings; mowing waterways, farm lots; hauling grain; spreading manure; spraying orchards; scouting fields for insects and disease; clearing log jams from creeks; burley tobacco leasing activity; shearing Christmas trees. Reported weed pressures included Canadian thistle, ragweed, foxtail, lambsquarter, hemp dogbane, velvet leaf, nut grass, johnsongrass. Reported

insects were black cutworms, European corn borer in corn, bean leaf beetles, slugs, spittle bugs, wireworms, seed corn maggots, spider mites, gypsy moths, tent caterpillars, aphids in wheat, alfalfa weevil, potato leaf hoppers. Reported diseases were root diseases in soybeans; rust, powdery mildew, head scab, glume blotch in wheat; Stewart's wilt in sweet corn, early blight on tomatoes; spring black stem in alfalfa. Fruit, vegetable crops were reported in good condition throughout the state. In the Southwest district, producers are busy picking black raspberries, cucumbers, squash, beans, peas. In the Central district, the strawberry harvest has ended, sweet corn is just beginning to tassel. Reporters throughout the state continue to comment on the poor growing conditions caused by excessive moisture. Many activities have been delayed, including replanting soybeans, making hay, spraying, side dressing fields, harvesting crops.

OKLAHOMA: Days suitable for fieldwork 2.3. Topsoil 4% short, 68% adequate, 28% surplus. Subsoil moisture 2% very short, 15% short, 70% adequate, 13% surplus. Wheat 46% plowed, 39% last week, n/a 1999, n/a avg. Oats 1% very poor, 6% poor, 45% fair, 44% good, 4% excellent, 70% harvested, 63% last week, 60% 1999, 60% avg.; 28% plowed, 19% last week, n/a 1999, n/a avg. Corn 7% fair, 88% good, 5% excellent, 12% silking, 12% last week, 12% 1999, 19% avg. Sorghum 57% emerged, 53% last week, 59% 1999, 60% avg. Soybeans 3% poor, 21% fair, 63% good, 13% excellent, 85% planted, 84% last week, 64% 1999, 76% avg.; 75% emerged, 74% last week, 47% 1999, 59% avg. Peanuts 99% emerged, 94% last week, 97% 1999, 88% avg. Cotton 100% planted, 93% last week, 100% 1999, 99% avg.; 96% emerged, 85% last week, 94% 1999, 88% avg. Alfalfa Hay 5% poor, 20% fair, 65% good, 10% excellent, 63% 2nd cutting, 62% last week, 56% 1999, 62% avg. Other Hay 3% poor, 26% fair, 58% good, 13% excellent; 75% 1st cutting, 72% last week, 69% 1999, 65% avg.; 4% 2nd cutting, 4% last week, 5% 1999, 4% avg. Watermelons 94% running, 90% last week, 72% 1999, 74% avg.; 40% setting fruit, 23% last week, 49% 1999, 40% avg. Livestock 1% poor, 11% fair, 73% good, 15% excellent; Cattle marketings slightly below avg. Feeder cattle prices are steady.

OREGON: Days suitable for fieldwork 7. Topsoil 7% very short, 42% short, 50% adequate, 1% surplus. Subsoil 7% very short, 32% short, 57% adequate, 4% surplus. Barley 63% headed, 1% very poor, 5% poor, 34% fair, 36% good, 24% excellent. Winter wheat 99% headed, 96% 1999, 98% 5 year avg.; 1% poor, 36% fair, 53% good, 10% excellent. Range, pasture 3% poor, 22% fair, 63% good, 12% excellent. Activities: In Willamette Valley, grass seed ripening, looked good so far. Warm weather encouraged development of more rust in some fields. Fungicide applications being made as needed. Some of early varieties of grass, meadow foam are ready to swath. Wheat looked very good, field corn doing well in warm weather. In Klamath Basin region, winter wheat near maturity. Haying main activity with some hay cut, put up. Irrigation needed as weather quite warm with afternoon winds to dry soil. In eastern State first cutting of alfalfa had begun in many areas; leaf-cutting bees emerging to pollinate alfalfa seed. Soil moisture continued to be limiting factor in grass growth so irrigation continued. Sherman/Wasco area reported first field of barley harvest would likely begin last week as field test of 14.4% moisture taken on Monday. Greenhouses are still busy with summer clean up, maintenance. Nurseries are busy with field watering, tree, shrub planting. Sales from greenhouses continue active, some output going to Saturday markets. Still a good supply of plants at stands, some advertising for greenhouse clearance sales. Easter lily growers irrigating again. In western State processing vegetables reported on schedule, fresh market vegetables in all stages from planting through some early varieties harvested, for sale. Onions at irrigation stage, potatoes blooming, peas harvested, tomatoes forming in Washington County. There lots of cultivation of row vegetables being done as well as lots of watering. Jackson County reported some sweet corn knee high. Baker County reported potatoes growing well. Cherry harvest continued west of Cascades, in Jackson, Umatilla counties. Strawberry harvest passed its peak in Willamette Valley. Other berry crops, hazelnuts continued to develop nicely with earliest raspberry picking getting underway. In Jackson county, pears started to size, orchards being irrigated. Cranberry bloom, fruit set continued in Coos, Curry counties. Adult black vine weevils active in some beds. Livestock condition continued mostly good to excellent, generally improved with lots of sunshine. Cattle movement to higher ranges or irrigated pastures continued in Jackson county. Cattle, sheep have been put out on pastureland that earlier cut for hay in Douglas county. Range, pasture feeds starting to dry out across most of state under much warmer, drier weather.

PENNSYLVANIA: Days suitable for field work 3.4. Soil moisture 2% short, 66% adequate, 32% surplus. Corn emerged 98% complete, 98% 1999, average not available. Corn height 20 in., 19 in. 1999, 15 in. average. Soybeans planted 98% complete, 95% 1999, 90% avg. Soybeans emerged 96% complete, 88% 1999, average not available. Oats heading or headed 90% complete, 80% 1999, 66% avg. Oats turning yellow 10% complete, 14% 1999, 7% avg. Tobacco transplanted 99% complete, 100% 1999, 91% avg. Barley turning yellow 93% complete, 96% 1999, 90% avg. Barley turning ripe 83% complete, 76% 1999, 63% avg. Barley harvested 57% complete, 48% 1999, 34% avg. Wheat turning yellow 86% complete, 80% 1999, 65% avg. Wheat crop condition 1% very poor, 2% poor, 28% fair, 66% good, 3% excellent. Oat crop condition 4% poor, 23% fair, 63% good, 10% excellent. Alfalfa first cutting 79% complete, 95% 1999, 81% avg. Alfalfa second cutting 16% complete, 28% 1999, 17% avg. Timothy clover first cutting 51% complete, 81% 1999, 58% avg. Quality of hay made 17% very poor, 22% poor, 28% fair, 26% good, 7% excellent. Activities include planting corn, soybeans and vegetables; barley harvesting; fixing fences; machinery

maintenance; spreading lime and fertilizers; hauling manure; caring for livestock; cutting hay; transplanting tobacco; making hay and haylage; and applying pesticides.

SOUTH CAROLINA: Days suitable for field work 6.0. Soil moisture 25% very short, 33% short, 42% adequate. Apples 24% poor, 59% fair, 17% good. Barley 100% harvested, 95% 1999; 89% avg. Cantaloups 40% harvested, 26% 1999, 38% avg.; 10% poor, 55% fair, 35% good. Corn 86% tasseled, 72% 1999, 76% avg.; 36% doughed, 18% 1999, 28% avg.; 18% very poor, 27% poor, 25% fair, 28% good, 2% excellent. Cotton 100% planted, 100% 1999, 100% avg.; 45% squared, 41% 1999, 41% avg.; 10% bolls set, 4% 1999, 6% avg.; 5% very poor, 13% poor 28% fair, 45% good, 9% excellent. Cucumbers 85% harvested, 79% 1999, 62% avg. Oats 99% harvested, 94% 1999, 93% avg. Peaches 39% harvested, 25% 1999, 26% avg.; 6% very poor, 12% poor, 20% fair, 47% good, 15% excellent. Peanuts 100% planted, 100% 1999, 99% avg.; 18% pegged, 15% 1999, 14% avg.; 3% very poor, 18% poor, 58% fair, 21% good. Rye 93% harvested, 95% 1999, 91% avg. Rain, Flood, Hail Damage 85% very poor, 4% poor, 10% fair, 1% good. Snap beans 72% harvested, 59% 1999, 44% avg.; 10% poor, 20% fair, 70% good. Sorghum 95% planted, 93% 1999, 81% avg.; 40% headed, 44% 1999, 10% very poor, 25% poor, 56% fair, 9% good. Soybeans 89% planted, 81% 1999, 83% avg.; 75% emerged, 64% 1999, 4% bloomed, 4% 1999, 7% very poor, 17% poor, 25% fair, 44% good, 7% excellent. Sweetpotatoes 93% planted, 93% 1999, 91% avg.; 5% poor, 34% fair, 61% good. Tobacco 40% topped, 35% 1999, 34% avg.; 5% poor, 21% fair, 70% good, 4% excellent. Tomatoes 60% harvested, 50% 1999, 46% avg.; 6% very poor, 6% poor, 5% fair, 83% good. Watermelons 35% harvested, 22% 1999, 29% avg.; 6% very poor, 17% poor, 38% fair, 39% good. Winter wheat 99% harvested; 96% 1999, 84% avg.

SOUTH DAKOTA: Days suitable for field work 5.2. Topsoil 3% very short, 18% short, 73% adequate, 6% surplus. Subsoil moisture 7% very short, 19% short, 69% adequate, 5% surplus. Feed supplies 5% short, 82% adequate, 13% surplus. Stock water supplies 5% very short, 11% short, 77% adequate, 7% surplus. Winter Rye 5% poor, 9% fair, 61% good, 25% excellent. Winter Rye headed 99%, 93% 1999, 90% avg. Winter Rye turning color 33%, 12% 1999, 15% avg. Winter Rye ripe 0%, 0% 1999, 1% avg. Winter Rye harvested 0%, 0% 1999, 0% avg. Winter Wheat turning color 49%, 34% 1999, 17% avg. Winter Wheat ripe 1%, 0% 1999, 1% avg. Spring Wheat boot 91%, 83% 1999, 68% avg. Spring Wheat turning color 3%, 4% 1999, 5% avg. Spring Wheat ripe 0%, 0% 1999, 0% avg. Barley boot 94%, 76% 1999, 62% avg. Barley turning color 2%, 6% 1999, 6% avg. Barley ripe 0%, 0% 1999, 0% avg. Oats boot 90%, 76% 1999, 63% avg. Oats turning color 8%, 6% 1999, 2% avg. Oats ripe 0%, 0% 1999, 0% avg. Corn tasseled 0%, 0% 1999, 0% avg. Corn height corn height 20%, 14% 1999, 13% avg. Corn cultivated once cultivated once 75%, 47% 1999, 45% avg. Corn cultivated twice cultivated twice 17%, 12% 1999, 8% avg. Sunflowers 16% fair, 71% good, 13% excellent. Sunflowers blooming 0%, 0% 1999, 0% avg. Alfalfa hay 3% very poor, 13% poor, 30% fair, 46% good, 8% excellent. Alfalfa hay 1st cutting harvested 85%, 67% 1999, 60% avg. Alfalfa hay 2nd cutting harvested 3%, 0% 1999, 1% avg. Other hay harvested harvested 35%, 25% 1999, 17% avg. Range and Pasture 1% very poor, 6% poor, 17% fair, 60% good, 16% excellent. Cattle condition 4% fair, 69% good, 27% excellent. Sheep condition 3% fair, 60% good, 37% excellent.

TENNESSEE: Days suitable for fieldwork 5. Topsoil 17% short, 75% adequate, 8% surplus. Subsoil moisture 4% very short, 22% short, 69% adequate, 5% surplus. Tobacco 6% poor, 29% fair, 58% good, 7% excellent. Wheat 85% harvested, 91% 1999, 70% avg. Pastures 2% very poor, 7% poor, 30% fair, 53% good, 8% excellent. Wheat growers continued making good progress with harvest despite last week's rain delays. As of Sunday, only 15% of the crop remained to be harvested, nearly four days ahead of the five-year average. Producers continue to report better than average yields. With harvest winding down, double crop soybean planting is progressing at a rapid pace. The State's other major row crops have benefitted from the recent moisture. Tobacco growers were busy last week cultivating their fields, scouting for diseases.

TEXAS: Recent rains continued to improve crop, pasture feeds across most areas of the state, for some locations, last weeks rain was the 1st this year. In some areas, crops were drowning in the fields, in other areas planting continued in totally dry conditions as planting deadlines approached. In the wetter areas plant disease, rotting of some vegetable crops has become a major problem. Haying continued where possible, removal of wet hay from fields was necessary in some locations. High winds caused some sand burn to young plants in areas of the Plains, replanting for the second and third time was necessary for some cotton producers. Grasshoppers, army worms populations continued to increase, economic damage began in some locations. Generally, vegetables continued to make good progress across the State. Field Crops: Small Grains: Recent rains continued to delay harvest of remaining small grains in some locations, sprouting in the head became a problem for some producers in portions of these same areas. Yields have been variable across the State. Wheat 46% of normal compared with 73% 1999. Corn continued to progress well in most areas. Recent rains continued to improve the condition of dryland corn and allowed some irrigation to be postponed for a time. High winds, isolated hail continued to damage fields in some areas. Statewide Corn 87% of normal compared with 86% 1999. Dough, Published 55%, 1999 47%, Average 38%. Dentied 29%, 1999 25%, Average 16%. Mature Published 2%, 1999 1%, Average 0%. Cotton: Cotton planting neared completion across the plains. Rain, wind, hail caused damage in some areas, some cotton was suffering from standing water. Trips, grasshoppers

continued to cause damage to young plants, and boll weevil pressure increased in some locations. Cotton 74% of normal compared with 81% 1999. Planted, Published 99%, 1999-99%, Average 97%. Bolls opening Published 2%, 1999, 2%, Average 1%. Rice: Flooding of fields continued. Application of nitrogen continued for some producers, Army worms continue to be an increasing problem in some fields. Rice 96% of normal compared with 89% 1999. Sorghum: Producers continued to plant across the Plains. In southern areas of the state harvesting continued to expand. Midge problems were reported in some areas. Irrigated acres continued to make good progress in all areas, while rains continue to improve dryland sorghum. Sorghum 79% of normal compared with 79% 1999. Turning Color, Published 36%, 1999, 30%, Average 28%. Mature, Published 21%, 1999 17%, Average 12%. Harvested, Published 15%, 1999, 8%, Average 3%. Peanuts continued to progress well across the Plains, while land preparation, planting continued in southern and central areas. Grasshoppers remained an increasing problem in some areas. Statewide Peanut 84% of normal compared with 81% 1999. Planted, Published 98%, 1999, 94%, Average, 89%. Soybeans: Planting of remaining soybeans continued where possible. Plants continued to progress well in eastern, central areas as warm temperatures, soil moisture levels remained favorable. Army worm problems remained steady in some locations. Crop progression was generally good across the State. Commercial Vegetables, Fruit, Pecans: Rio Grande Valley, watermelon, cantaloup harvest continued. Harvest remained active for greens, carrots, beans, peas, potatoes, tomatoes. Soil moisture levels remained favorable in most areas. San Antonio-Winter Garden, harvest of summer vegetables and melons continued, while green beans, peas continued to progress. Insect pressure on peas continued to be of concern in some locations, chili peppers continued to make good progress. East State, planting ended for most peas, cucumbers, peppers, sweet potatoes, egg plants. Harvest neared completion for onions and cauliflower, but was somewhat slowed from wet conditions. Disease, insect problems continued. High Plains, pumpkins, melons, cucumbers, carrots, onions continued to make good progress, but high winds caused some damage to young plants in a few locations. Peaches Producers continued some spraying to control insect pests. Harvest of early varieties neared completion in southern areas but continued in eastern areas. Some leaf diseases were active as a result of the wet conditions. Pecans: A light crop was being reported in some areas, however nutlet development continued and should be helped by the recent rainfall. Spraying for second generation case bearers continued. Range, Livestock Moisture, cooler temperatures continued to aid pasture recovery across the state. Some areas received rain for the first time this year, but recovery has been slow. Some locations remained extremely dry, cattle movement and supplemental feeding continued in these areas. Grasshopper, army worm populations continued to increase, damage to range, pasture was becoming extensive in some locations.

UTAH: Days suitable for field work 7. Topsoil 25% very short, 35% short, 40% adequate. Subsoil moisture 22% very short, 34% short, 44% adequate. Pasture, range feed 6% very poor, 25% poor, 35% fair, 34% good. Alfalfa hay first cutting 90%, 83% 1999, 79% avg; second cutting 7%. Other hay cut 34%, 32% 1999, 23% avg. Corn height 19 inches, 11 inches 1999, 13 inches avg. Winter wheat headed 86%, 89% 1999, 86% avg. Oats headed 49%, 40% 1999, 30% avg. Barley headed 74%, 73% 1999, 65% avg. Spring wheat headed 72%, 70% 1999, 67% avg. Drybeans planted 99%, 100% 1999, 100% avg. Sweet cherry harvest is 26% complete. Irrigation water supplies 11% very short, 33% short, 56% adequate. Stock water supplies 5% very short, 21% short, 74% adequate. Major farm and ranch activities included irrigating crops and harvesting sweet cherries. The first cutting of alfalfa hay is ending. Crops are consistently ahead of past years throughout the state. Moisture is needed on rangeland to keep grass growing. Land on the range and on the farm is very dry; some localities are running out of irrigation water. Livestock looks good.

VIRGINIA: Days suitable for fieldwork 4.7. Topsoil 18% short, 70% adequate, 12% surplus. Subsoil moisture 6% very short, 18% short, 69% adequate, 7% surplus. Pastures 1% very poor, 5% poor, 26% fair, 55% good, 13% excellent. Livestock 1% poor, 11% fair, 74% good, 14% excellent. Other Hay 6% poor, 27% fair, 54% good, 13% excellent. Alfalfa Hay 1% very poor, 1% poor, 12% fair, 57% good, 29% excellent. Corn for Grain 1% poor, 11% fair, 59% good, 29% excellent. 99% planted, 100% 1999, 100% 5-yr avg.; 88% emerged, 68% 1999, 32% 5-yr avg. Soybeans 2% poor, 12% fair, 68% good, 18% excellent, 71% planted, 59% 1999, 61% 5-yr avg.; 59% emerged, 35% 1999, 19% 5-yr avg. Winter Wheat 38% harvested, 31% 1999, 27% 5-yr avg. Barley 84% harvested, 82% 1999, 71% 5-yr avg. Flue-cured tobacco 18% fair, 54% good, 28% excellent. Burley tobacco 3% poor, 25% fair, 47% good, 25% excellent, 99% transplanted, 99% 1999, 96% 5-yr avg. Dark Fire-cured tobacco 12% fair, 70% good, 18% excellent, 98% transplanted, 100% 1999, 100% 5-yr avg. Sun tobacco 100% good. Peanuts 12% fair, 72% good, 16% excellent, 100% planted, 100% 1999, 100% 5-yr avg. Cotton 1% poor, 15% fair, 70% good, 14% excellent. Cotton 15% squaring, 23% 1999, 27% 5-yr avg. Summer Potatoes 1% very poor, 13% poor, 14% fair, 68% good, 4% excellent. Summer Potatoes 3% harvested, 1% 1999, 1% 5-yr avg. Apples 18% fair, 62% good, 20% excellent. Peaches 9% very poor, 2% poor, 25% fair, 59% good, 5% excellent. Some localities in the state continued to receive more rain for the second straight week, slightly delaying harvest of winter crops, cutting hay. Farmers were hoping to finish wheat harvest so they could proceed with planting double-cropped soybeans. Other activities for the week include: Wheat, potato harvest, soybean planting, thinning of apples, irrigation of vegetables, nitrogen applications to cotton, herbicide applications on cotton, peanuts, soybeans.

(Continued to back cover)

International Weather and Crop Summary

June 18 - 24, 2000

HIGHLIGHTS

EUROPE: A heat wave accelerated winter grain development in the west and worsened the drought in the east.

FSU-WESTERN: Cool, showery weather continued to ease the drought in Ukraine, while significant rains improved yield prospects for spring-sown crops in Russia.

FSU-NEW LANDS: Dry weather accompanied a warming trend in Western Siberia, Russia, and Kazakstan, promoting rapid spring grain development, but reducing topsoil moisture.

EASTERN ASIA: Showers improved growing conditions for summer crops across the North China Plain and the northeast, but more rain is still needed. Hot, dry weather stressed summer crops in North Korea.

SOUTH ASIA: Monsoon showers returned to portions of central and northern India, but diminished across the south.

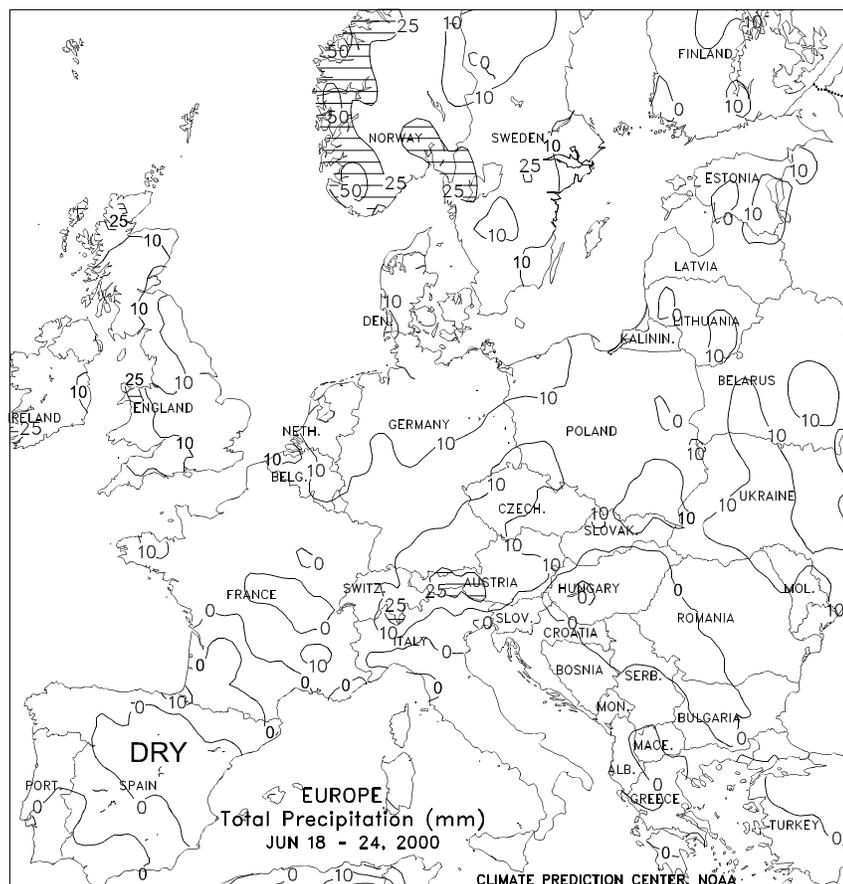
SOUTHEAST ASIA: Showers maintained favorable moisture supplies for main-season rice in Thailand.

AUSTRALIA: Light to moderate showers continued to benefit vegetative winter wheat in Western Australia.

CANADA: Widespread showers maintained abundant to locally excessive soil moisture reserves in the Prairie Provinces and Ontario.

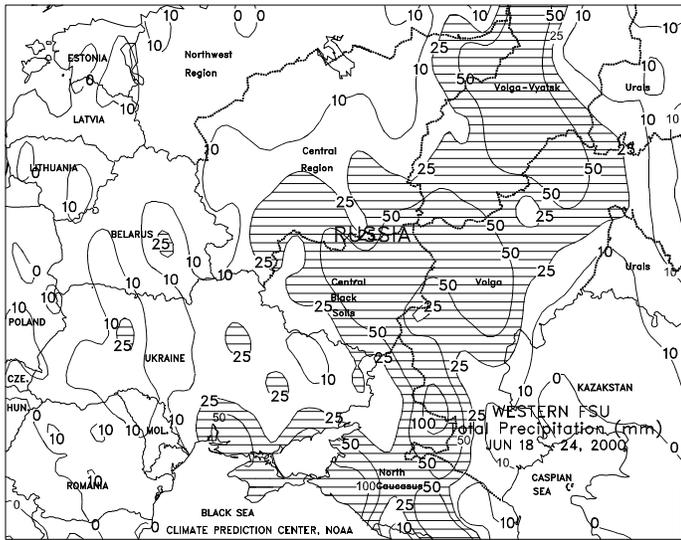
MEXICO: Scattered seasonal showers aided corn development across the southern plateau Corn Belt.

SOUTH AMERICA: In southern Brazil, rain benefited emerging winter wheat, while dry weather favored summer crop harvesting and winter wheat planting in central Argentina.



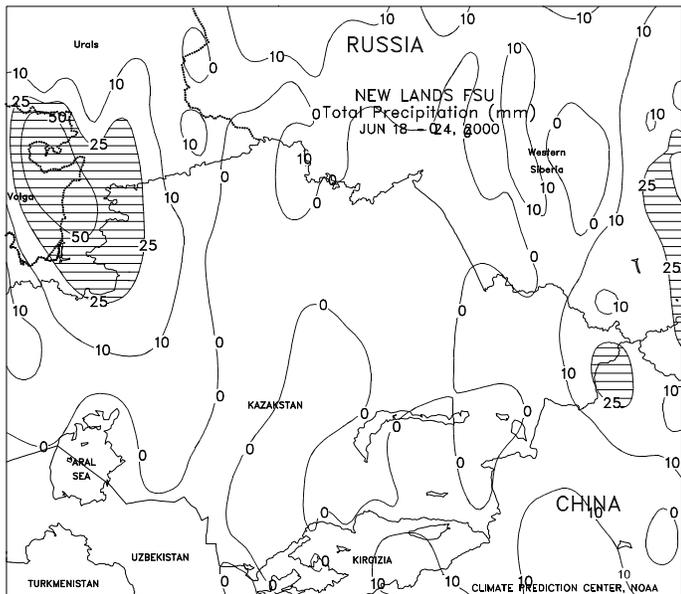
EUROPE

A strong ridge of high pressure dominated the weather across Europe during most of the week, ushering in unseasonably hot weather and keeping most areas dry. In western Europe, seasonably dry weather in Spain and Portugal allowed rapid winter grain harvesting. Farther north, hot, dry weather in France, England, the Benelux countries, and Germany accelerated maturity in winter crops. Early in the week, extreme maximum temperatures in these areas ranged from 30 to 34 degrees C. Reports from France indicated that the rapeseed harvest began about 2 weeks earlier than usual. On June 22, a strong cold front pushed as far south as southern France, bringing cooler weather but only light, scattered precipitation. The greatest amounts of rain (10-20 mm) were observed in the Benelux countries and northern Germany. In southern Europe, hot, dry weather favored winter grain harvesting in Italy, and promoted cotton development in Greece. In eastern Europe, hot weather overspread the region during the middle of the week, worsening drought conditions from Hungary southward into Bulgaria. The prolonged dryness (less than 30 percent of normal rainfall for the past 8 weeks) in these areas along with periodic heat reduced yield prospects for winter grains and likely caused a rapid decline in sugar beets, sunflowers, soybeans, and corn conditions. Rain is needed soon to prevent significant declines in yield prospects for these summer crops. In Poland, the Czech Republic, and Slovakia, although record heat (maximum temperatures as high as 36 degrees C) was observed during the middle of the week, cooler weather was accompanied by scattered showers at week's end, easing stress on crops.



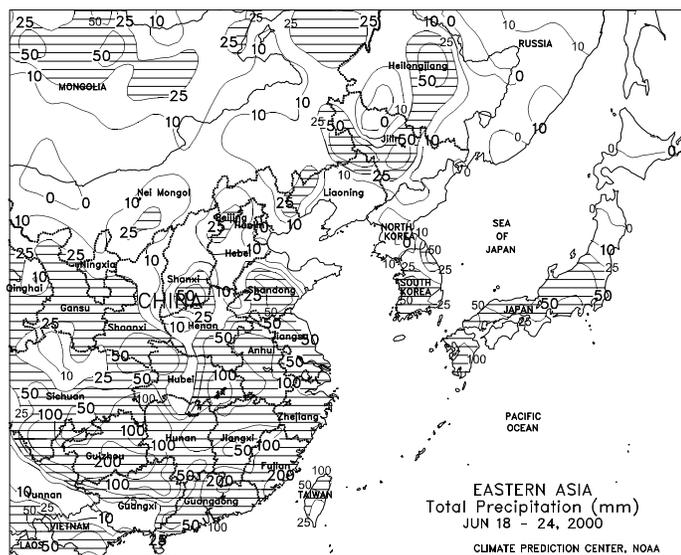
FSU-WESTERN

A storm system remained nearly stationary over the region, producing widespread showers in Ukraine and Russia, and ushering in unseasonably cool weather. In Ukraine, showers (10-25 mm, with local amounts in excess of 25 mm) continued to ease drought and stabilized conditions for spring-sown crops. However, the precipitation arrived too late to improve prospects for maturing winter grains in southern and eastern areas. Subsoil moisture reserves likely remained limited throughout Ukraine, especially in western areas, where cumulative precipitation for the past 8 weeks has been running 65 percent of normal. As a result, additional precipitation and seasonable temperatures are needed throughout the remainder of the growing season to prevent renewed stress on spring grains and summer crops. In Moldova, drought continued to adversely affect crop development, although cooler weather lowered heat stress. In Russia, widespread soaking rain (25-50 mm, or more) fell from the North Caucasus Region, northward through the Volga Valley and Central Black Soils Region, into the Volga Vyatsk, benefiting winter grains in the filling stage, spring grains in or nearing the heading stage, and summer crops in the vegetative stage. Elsewhere, light, scattered showers (2-11 mm) accompanied a warming trend in Belarus and the Baltics. Dryness has been most acute in Latvia and Lithuania, where precipitation for the past 8 weeks has been 63 and 51 percent of normal, respectively. Weekly temperatures averaged 2 to 7 degrees C below normal in Russia and Ukraine, and near normal in Belarus, the Baltics, and Moldova.



FSU-NEWLANDS

Light to moderate showers (7-35 mm) kept spring grains well watered in Urals, Russia, as the low pressure system in the western FSU spread precipitation into the region. Elsewhere, drier weather was accompanied by a warming trend in Siberia, Russia, and Kazakstan, promoting rapid spring grain development but drying topsoils. Maximum temperatures ranging from 30 to 35 degrees C were observed at most locations for several days, increasing evaporation rates. Temperatures in western Kazakstan soared into the upper 30's degrees C. Despite the rapid increase in temperatures, soil moisture was sufficient in most areas to sustain the normal development of spring grains in the jointing stage. In primary cotton-producing areas of Central Asia, unseasonably warm weather (weekly temperatures averaged 1 to 4 degrees C above normal) promoted rapid cotton development but increased irrigation requirements.



EASTERN ASIA

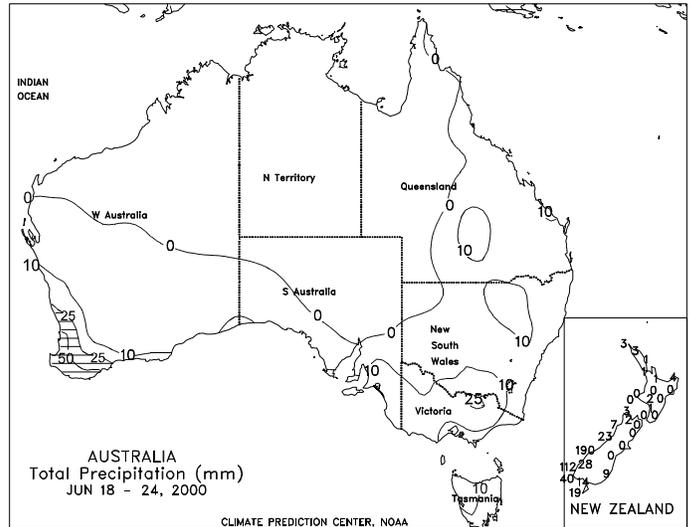
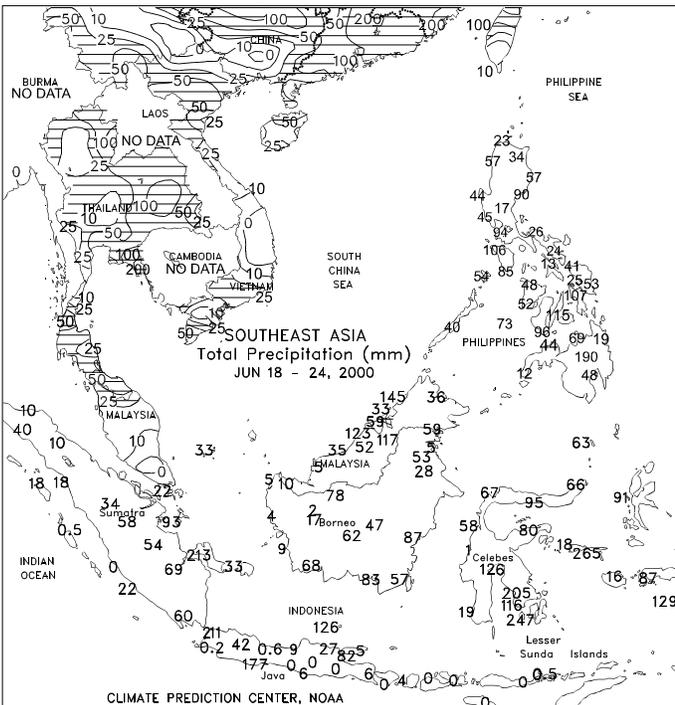
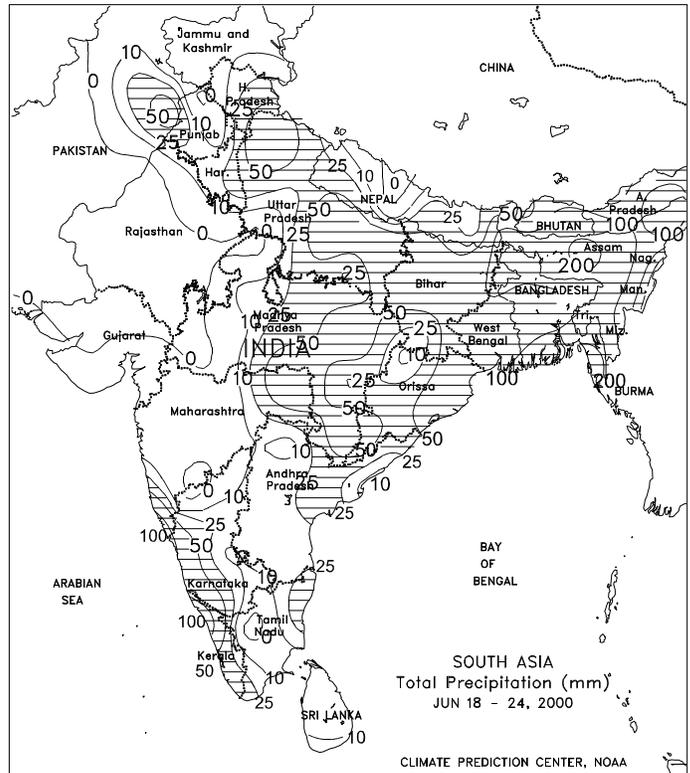
Across the North China Plain and Manchuria, showers (10-60 mm) greatly improved growing conditions for corn, soybeans, and cotton. Seasonal rains will be needed across both regions in the upcoming weeks to sustain normal crop development. Widespread showers (50-150 mm) covered central and southern China, boosting moisture supplies for corn, soybeans, and early and single-crop rice. Temperatures averaged 2 to 4 degrees C above normal in the North China Plain and Manchuria and near to slightly above normal elsewhere in China. Hot, dry weather stressed summer crops in North Korea, where rainfall has averaged less than 30 percent of normal for the past 4 weeks. Light to moderate rain (10-70 mm) increased moisture supplies for rice in South Korea and Japan. Temperatures averaged 1 to 4 degrees C above normal across the Korean Peninsula and Japan.

SOUTH ASIA

Monsoon showers (25-100 mm) returned to northern and central India (Uttar Pradesh and most of Madhya Pradesh), increasing moisture supplies for summer crops, but slowing planting. Showers (10-60 mm) pushed into northern Pakistan. Dry, hot weather continued over much of the northwest, including drought-affected areas of Gujarat and Rajasthan. Further south in Maharashtra and Karnataka, showers (25-100 mm) were confined mainly to the southwest coast and did not spread inland. Heavy showers (100-225 mm) continued across Bangladesh and India's eastern states, causing additional flooding of rice and other crops.

SOUTHEAST ASIA

Heavy showers (50-175 mm) maintained favorable moisture supplies in Thailand's main-season rice-producing areas. In northern Vietnam, showers (50-70 mm) increased moisture supplies for 10th-month rice transplanting, while causing brief delays in winter-spring rice harvesting. Lighter showers (25-50 mm) in southern Vietnam maintained favorable conditions for rice. In the Philippines, rainfall (50-100 mm) continued to benefit rice, corn, and sugarcane. Drier weather prevailed in peninsular Malaysia, but moisture supplies were adequate for oil palm. Dry conditions in Java, Indonesia benefited late-season harvesting of main-season rice, while moisture reserves continued to be adequate for second-season rice.

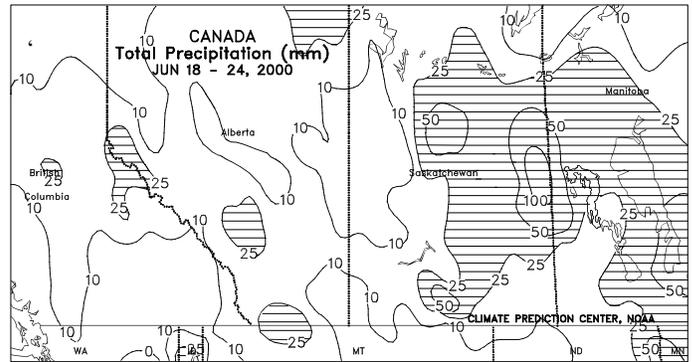


AUSTRALIA

In Western Australia, light to moderate showers (5-25 mm) increased topsoil moisture across most of the main winter wheat crop areas. In the east, light rain (3-12 mm, with isolated amounts greater 25 mm) increased topsoil moisture for germination. Along the coast, seasonably dry weather favored early sugarcane fieldwork. Temperatures averaged 1 to 2 degrees C above normal in the west and 2 to 4 degrees C above normal in the east. In New Zealand, mostly dry weather prevailed in crop areas.

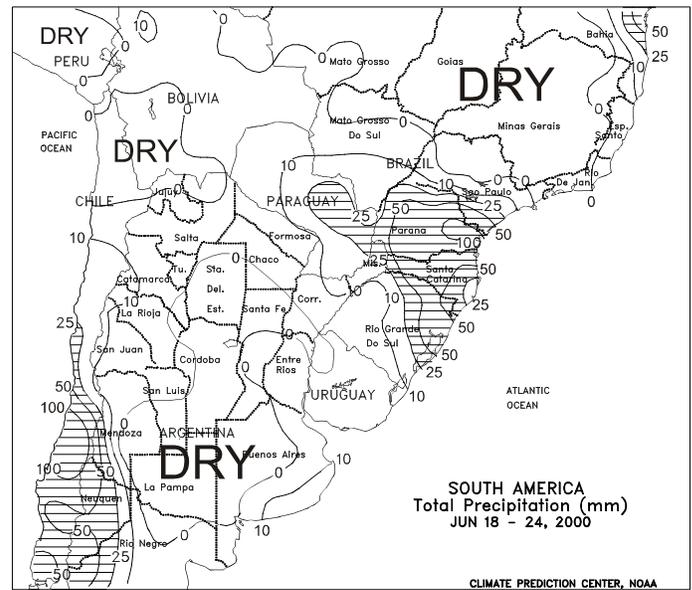
CANADA

Cool, showery conditions again prevailed across the Prairies, maintaining adequate to locally excessive soil moisture for spring grains and oilseeds, but slowing crop development. Weekly rainfall generally ranged from 5 to 30 mm, although heavier amounts (40-70 mm) caused some lowland flooding in parts of eastern Saskatchewan and Manitoba's Red River Valley. Prairie weekly temperatures averaged 1 to 3 degrees C below normal. In the east, heavy rain (25 to 60 mm) again soaked much of southern Ontario, slowing fieldwork, including final summer crop planting, and leaving standing water in some winter wheat, corn, and soybean fields. However, near-normal temperatures aided corn and soybean development in areas with good drainage.



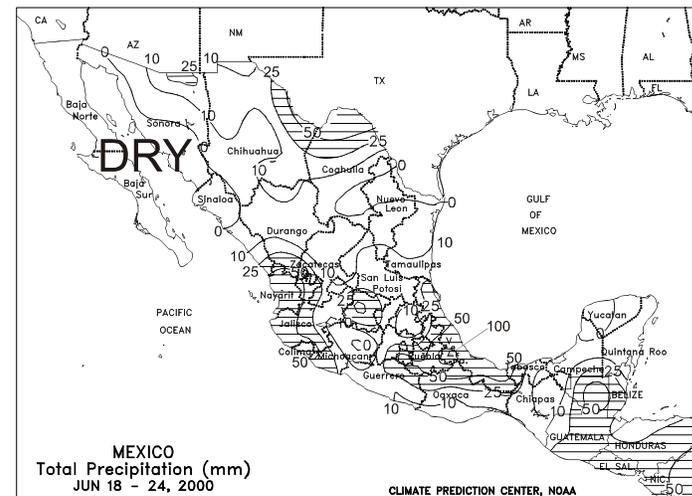
SOUTH AMERICA

In southern Brazil, widespread rain (20-80 mm or more) boosted soil moisture for emerging to vegetative winter wheat across eastern Rio Grande do Sul, Santa Catarina, and Parana. Elsewhere in southern Brazil, seasonably dry weather prevailed. Temperatures averaged near normal across the southeastern wheat region, with reports of scattered frost. Across central Argentina, mostly dry weather favored late summer crop harvesting and winter wheat planting. According to the Argentine Agriculture Secretariat as of June 16, corn was 80 percent harvested, compared with 87 percent harvested last year. In the provinces, corn was 96 percent harvested in Entre Rios, 89 percent in Santa Fe, 93 percent in Buenos Aires, and 81 percent in Cordoba. Nationwide, soybeans were 92 percent harvested, compared with 97 percent harvested last year. In the provinces, soybeans were 93 percent harvested in Buenos Aires, 95 percent in Cordoba, and 98 percent in Santa Fe. Winter wheat was 25 percent planted, compared with 41 percent planted last year. Wheat was 16 percent planted in Buenos Aires, 35 percent in Santa Fe, and 48 percent in Cordoba. In the north, cotton was 45 percent harvested, compared with 72 percent harvested last year. In central Chile, unseasonably heavy rain (50-150 mm) continued to cause flooding, but boosted moisture supplies.



MEXICO

Scattered seasonal showers (10-75 mm) fell across the southern Plateau corn belt, benefiting corn development. The heavier showers were concentrated in Veracruz and the far western corn belt (Jalisco and Nayarit). Lighter showers (less than 25 mm) were reported across most of the Yucatan Peninsula, Oaxaca, and Chiapas. Across northern Mexico, mostly dry weather prevailed, except for moderate showers (10-70 mm) in northern Coahuila and Chihuahua. Temperatures averaged near normal across central and southern Mexico, and 1 to 3 degrees C above normal in the north.



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(Continued from page 19)

WASHINGTON: Days suitable for fieldwork 6.9. Topsoil 5% very short, 20% short, 70% adequate, 5% surplus. Subsoil moisture 41% short, 57% adequate, 2% surplus. Winter wheat dryland 4% poor, 16% fair, 60% good, 20% excellent; irrigated 88% good, 12% excellent. Headed 98%, 99% 1999, 99% avg. Winter wheat was progressing well with turning color reported. The warm weather contributed to good growing conditions, but it was stated that precipitation would be needed in the future. Spring wheat dryland 1% very poor, 4% poor, 38% fair, 50% good, 7% excellent; irrigated 1% fair, 98% good, 1% excellent. Headed 72%, 69% 1999, 69% avg. Barley dryland 1% poor, 36% fair, 53% good, 10% excellent; irrigated 100% good. Headed 79%, 56% 1999, 73% avg. Cereal crops progressed well with the warm weather. Potatoes 100% good. Alfalfa hay, 1st 91% cutting, 99% 1999, 85% avg.; 2nd 20% cutting, 20% 1999, 20% avg. Hay, roughage 4% short, 86% adequate, 10% surplus. Range, Pasture 17% poor, 50% fair, 33% good. The cherry harvest was underway throughout the state. Other fruits were developing normally as well. Sweet corn, cannery peas grew rapidly due to the warm weather. Vegetable seed crops were flowering. Lentils, spring peas looked good with strong pressure due to aphids. Aerial spraying was applied to combat these aphids. Christmas trees were doing well. Chemical applications for various crops were interrupted due to windy conditions. Hay and roughage crops progressed well. The grass hay, 2nd cutting of alfalfa, timothy harvest was reported as doing well. Bluegrass was being swathed for seed.

WEST VIRGINIA: Days suitable for fieldwork 4.1. Topsoil 5% short, 86% adequate, 9% surplus. Scattered showers in some regions delayed hay cutting, but was beneficial for corn, soybean conditions, other crops. Wheat 44% fair, 53% good, 3% excellent; 97% headed, 99% 1999, 94% 5-yr-avg.; 1% harvested, 21% 1999, 7% 5-yr avg. Hay 2% poor, 25% fair, 58% good, 15% excellent; Hay 1st cut 74%, 88% 1999, 71% 5-yr avg. Corn 13% fair, 52% good, 35% excellent. Soybean 10% fair, 66% good, 24% excellent. Oats 13% fair, 70% good, 17% excellent; 95% emerged, 100% 1999, 47% headed, 67% 1999. Tobacco 2% very poor, 8% poor, 33% fair, 57% good. Apple 7% poor, 63% fair, 26% good, 4% excellent. Peach 8% poor, 67% fair, 25% good. Cattle 7% fair, 83% good, 10% excellent. Sheep 3% fair, 85% good, 12% excellent.

WISCONSIN: Days suitable for fieldwork 4.1. Soil moisture 0% very short, 1% short, 66% adequate, 33% surplus. Most of the southern half of the state had improved soil conditions from the previous week. The State weather last week was warmer but was still wet. Temperatures were slightly above normal in many areas, but frequent rains continued to slow the hay harvest, delay herbicide applications. Small grains have been doing well in the cool, wet weather. The Northwest, the North Central districts were the only areas where soil moisture was mostly surplus. There were less than 2 working days in the Northwest, North Central districts. First cutting of hay: 79% 2000, 89% 1999, 76% 5-year avg. Soggy fields caused difficulty in the first crop hay dry baling. Some fields of alfalfa showed threshold levels of leafhoppers. Winter wheat 0% very poor, 1% poor, 21% fair, 56% good, 22% excellent. Winter wheat as well as barley are mostly headed, standing well. Soybeans 100% emerged reached, compared to 99% 1999. Weeds were a problem in some soybeans. Strawberry picking is continuing. Cranberry crop was coming into a good bloom in Wood County, is expected to peak by the Fourth of July. Pasture feed 1% very poor, 4% poor, 10% fair, 55% good, 30% excellent.

WYOMING: Days suitable for fieldwork 6.2. Topsoil 11% very short, 66% short, 23% adequate. Barley 75% boot, 70% 1999, 75% avg.; 52% headed, 50% 1999, 48% avg.; 5% turning color, 4% 1999, 2% avg. Barley 2% poor, 30% fair, 52% good, 16% excellent. Oats 78% jointed, 78% 1999, 83% avg.; 50% boot, 42% 1999, 53% avg.; 22% headed, 12% 1999, 21% avg.; 8% poor, 31% fair, 57% good, 4% excellent. Spring wheat 94% jointed, 80% 1999, 81% avg.; 71% boot, 56% 1999, 58% avg.; 11% headed, 29% 1999, 30% avg.; 30% poor, 23% fair, 42% good, 5% excellent. Winter wheat 77% turning color, 28% 1999, 23% avg.; 10% mature, 0% 1999, 0% avg.; 33% very poor, 36% poor, 17% fair, 14% good. Corn average height 14 inches, 13 inches 1999, 13 inches avg. Corn 2% poor, 6% fair, 87% good, 5% excellent. Dry beans 98% emerged, 97% 1999, 88% avg.; 15% fair, 72% good, 13% excellent. Sugarbeets 2% poor, 14% fair, 61% good, 23% excellent. Alfalfa 44% 1st cutting, 31% 1999, 26% avg. Other hay 13% harvested, 8% 1999, 9% avg. Range, pasture feed 3% very poor, 13% poor, 54% fair, 30% good. Irrigation water supplies 1% very short, 30% short, 68% adequate, 1% surplus.

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