

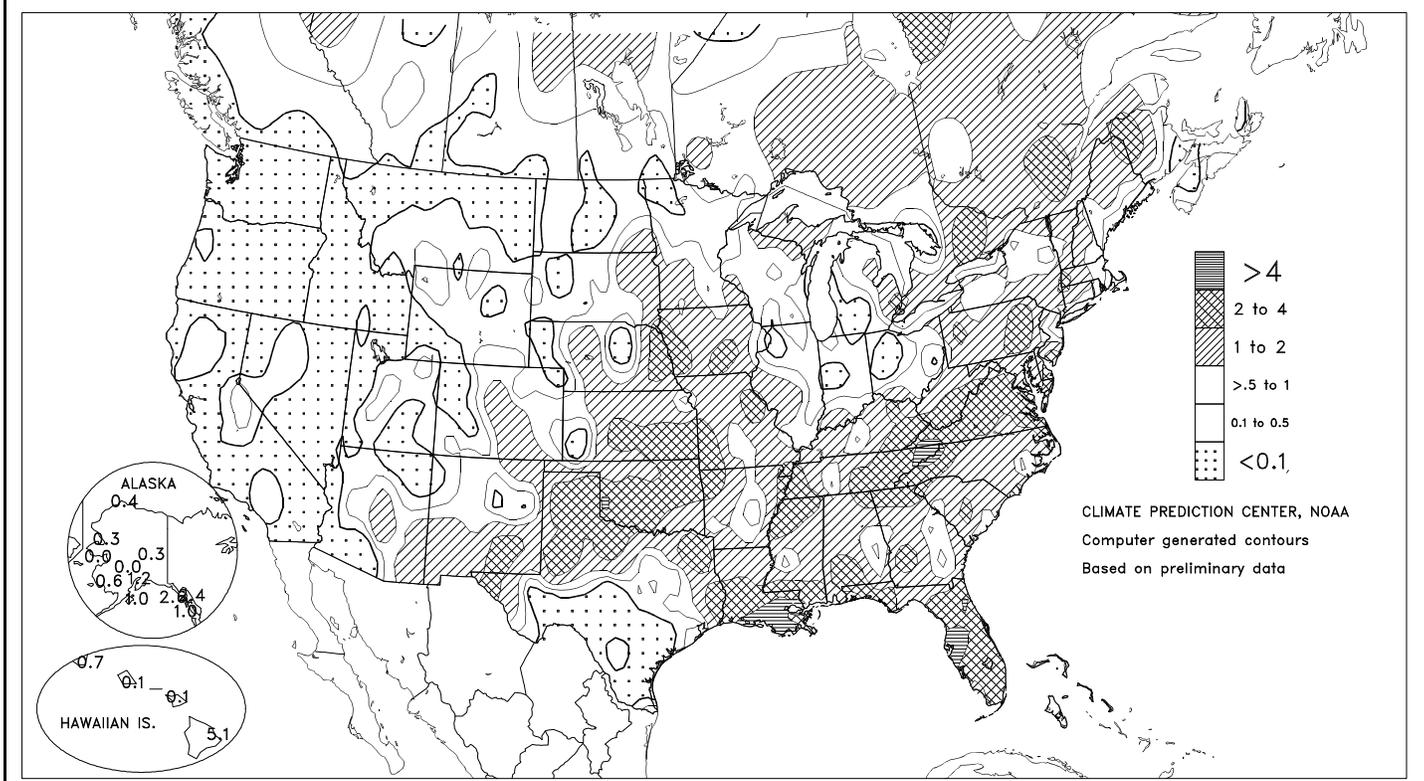
WEEKLY WEATHER AND CROP BULLETIN

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 25 - JUL 1, 2000



HIGHLIGHTS

June 25 - July 1, 2000

In the **Southeast**, a third consecutive week of widespread showers provided limited relief from long-term drought and aided pastures and summer crops. Farther north, widespread, locally heavy rain fell from the **central and southern Plains** to the **interior Southeast**, benefiting summer crops but slowing fieldwork, including winter wheat harvesting. Drier weather prevailed, however, in soft red winter wheat areas of the **southern and eastern Corn Belt**, permitting a gradual return to harvest activities. Elsewhere in the **Corn Belt**, including previously dry southwestern areas, soil moisture remained generally adequate to locally excessive for corn and

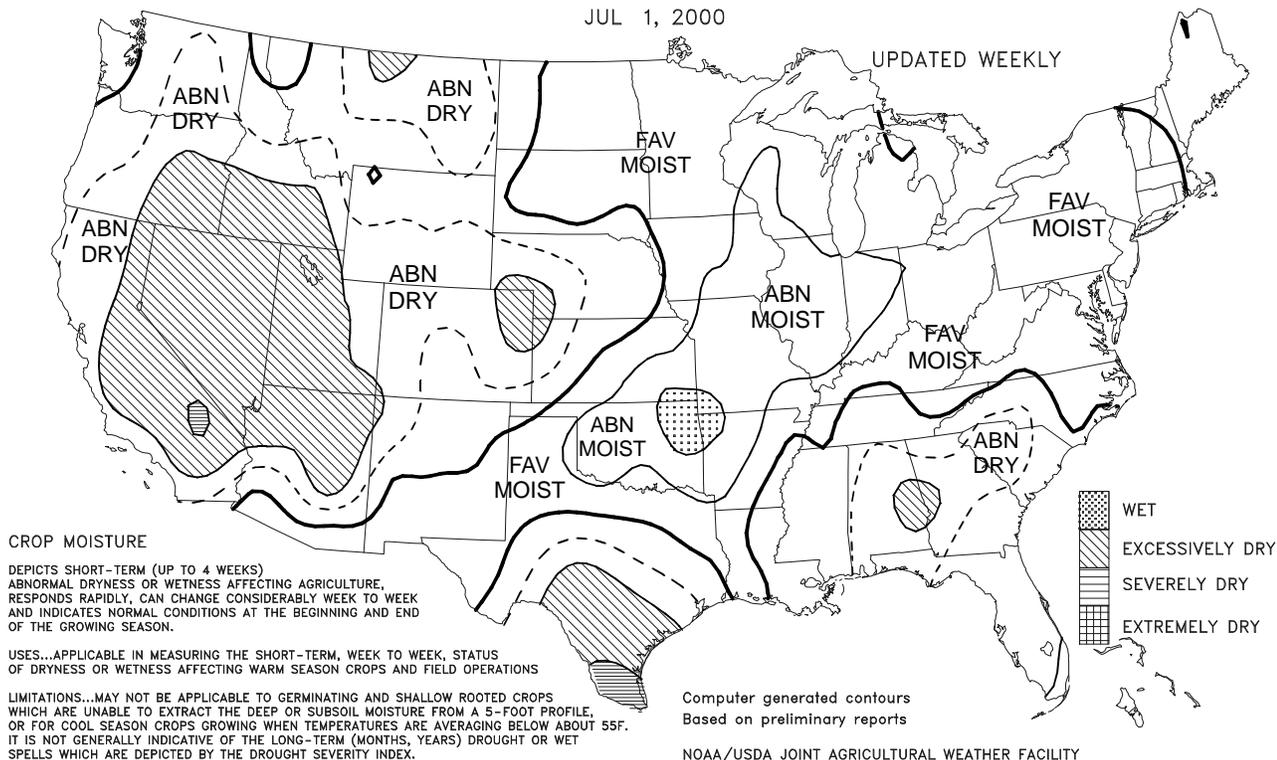
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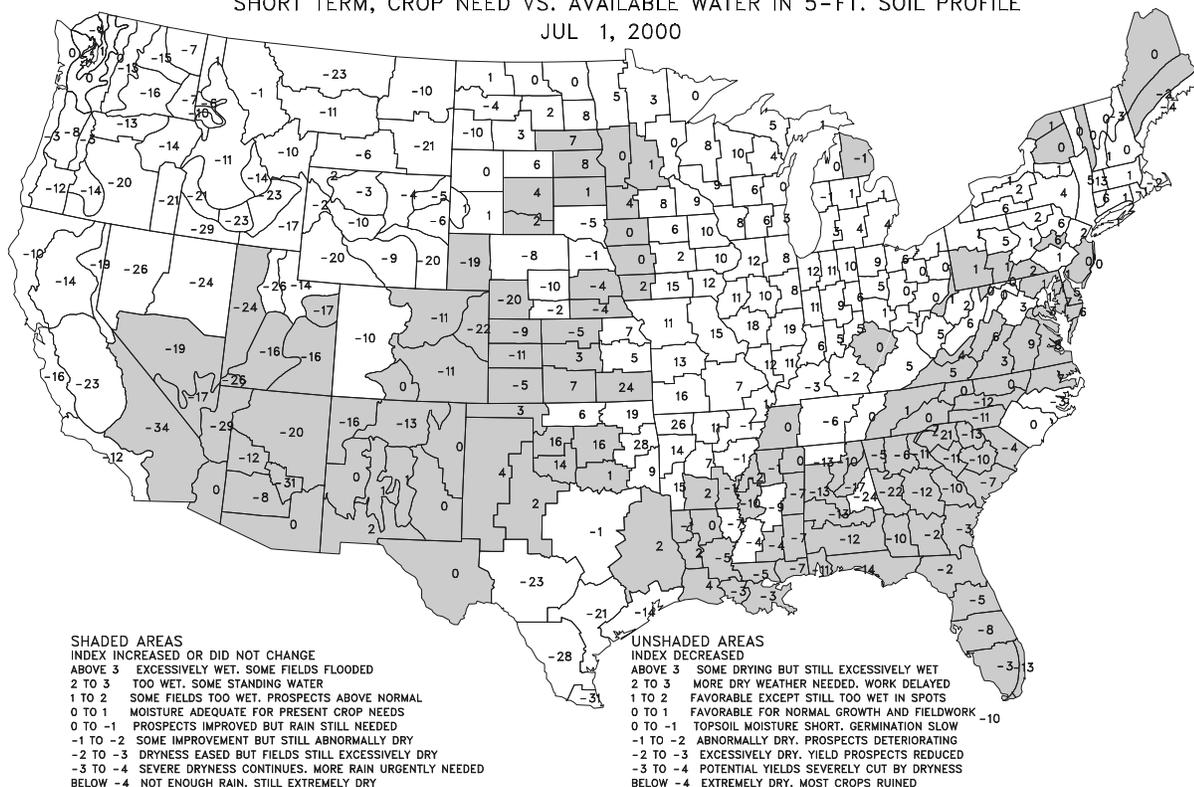
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Crop Moisture
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
JUL 1, 2000

UPDATED WEEKLY

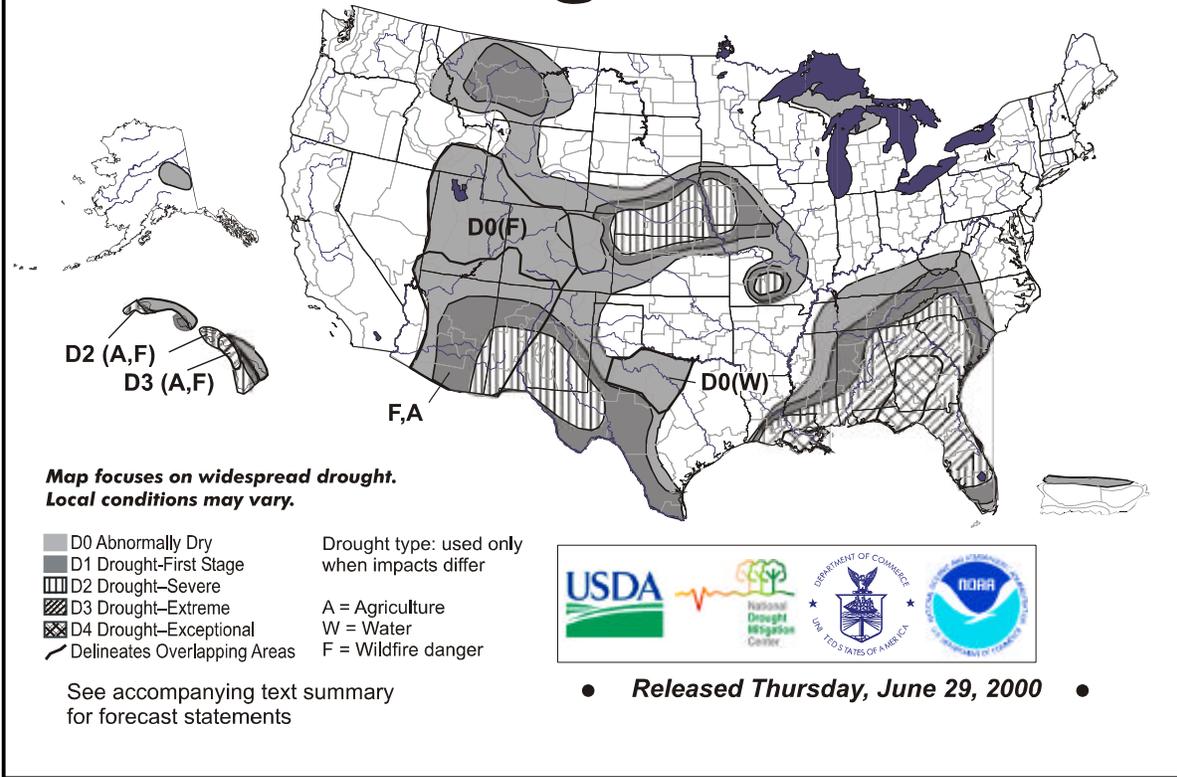


Crop Moisture Index
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
JUL 1, 2000



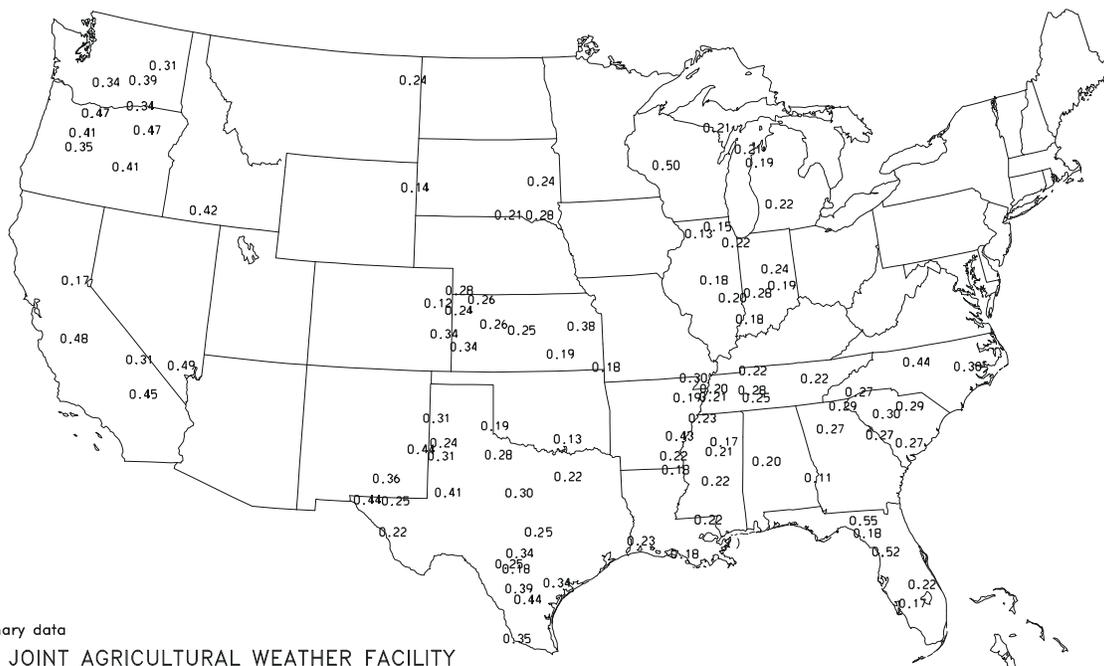
June 27, 2000 Valid 7 a.m. EST

U.S. Drought Monitor



Average Pan Evaporation (Inches)

JUN 25 - JUL 1, 2000



Based on preliminary data
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

(Continued from front cover)

soybean development. In the **Southwest**, seasonal showers continued to ease irrigation requirements and curb the wildfire threat. Hot, dry weather in **California** and the **Northwest** favored fieldwork and crop development, including winter wheat maturation in the latter region, but fostered the spread of wildfires. Weekly temperatures averaged up to 7°F above normal in **California** and the **Northwest**, but ranged from 2 to 8°F below normal throughout the **Plains** and **Corn Belt**. Near-normal temperatures prevailed in the **Southeast**.

During the first half of the week, hot weather produced more than 30 daily-record highs in the **Northwest**. In **Oregon**, **Tillamook** noted three consecutive record highs (79, 80, and 85°F) from June 25-27. On Tuesday, highs soared to 100°F in **The Dalles, OR** and 98°F in **North Vancouver, WA**. **East of the Cascades**, a wildfire near **Richland, WA** briefly flared to more than 100,000 acres. Meanwhile, cooler weather overspread most areas from the **Plains eastward**, resulting in a few daily-record lows. **Mobridge, SD** posted a record low of 46°F on Tuesday, followed 2 days later by records in locations such as **Russell, KS** (50°F) and **Paducah, KY** (57°F). Temperatures again remained below 90°F throughout much of the **Corn Belt**. In **Indiana**, **Indianapolis**' highest temperature during June was 89°F on June 10. **Indianapolis** most recently failed to reach the 90-degree F mark during the first half of a year in 1997; their first occurrence that year was July 2. Similarly, **Chicago, IL** experienced their first June without 90-degree F heat since 1960.

Chicago also concluded May and June without a single dry spell longer than 3 days. The city's only recent 3-day periods without rainfall of a trace or more were May 6-8, June 8-10, and June 29 - July 1; **Chicago**'s last 4-day dry spell took place from April 24-27. Farther west, **Iowa**'s statewide rainfall was very close to the normal of 1.01 inches, following the state's wettest week (statewide average of 2.43 inches) since June 1998. June rainfall records were established in several locations from the **southern and eastern Plains** to the **western Corn Belt**, including **Fayetteville, AR** (14.39 inches, or 290 percent of normal), **Fargo, ND** (11.72 inches, or 416 percent), and **Fort Wayne, IN** (8.55 inches, or 238 percent). With a June total of 12.52 inches (337 percent of normal), **Rochester, MN** noted their wettest month on record, breaking a June 1978 record. Meanwhile in the **Southwest**, the early onset of seasonal showers resulted in the second-wettest June on record (1.56 inches, or 780 percent of normal) in **Tucson, AZ**, behind only 2.07 inches in 1938.

While locally heavy showers in the **Southeast** dampened topsoils, long-term moisture deficits persisted. In **Tallahassee, FL**, rainfall during the first half of 2000 totaled 11.15 inches (35 percent of normal), or 20.81 inches below normal. In **South Carolina**, **Greenville-Spartanburg's (GSP's)** June rainfall deficit of 3.46 inches left their 26-month (May 1998 - June 2000) deficit at 32.84 inches. During that period, **GSP's** precipitation of 78.89 inches was 71 percent of normal.

Elsewhere, **Tampa, FL** netted 4.53 inches of rain (83 percent of normal) during June, accounting for nearly 60 percent of their year-to-date total. Although **New Orleans, LA** received above-normal rainfall (4.78 inches, or 107 percent of normal) in June, their year-to-date total (14.27 inches) remained less than 50 percent of normal.

Widespread showers returned to **Hawaii**, providing some drought relief to windward areas and western parts of the State. On the **Big Island**, more than 5 inches of rain soaked **Hilo**. On **Oahu**, however, only light rain dampened **Honolulu**, completing the city's driest June (0.03 inch, or 6 percent of normal) since 0.03 inch fell in 1975. **Honolulu's** 32-month (October 1997 - June 2000) rainfall deficit grew to 41.92 inches, a period during which their rainfall totaled less than one-third of normal. Meanwhile in **Alaska**, scattered showers accompanied temperatures that averaged within 4°F of normal. Although portions of **mainland Alaska** remained unfavorably dry, contributing to the spread of numerous wildfires in the **Yukon River Valley**, wet conditions persisted in southern parts of the State. **Juneau's** monthly rainfall, 5.72 inches (182 percent of normal), was their third-highest June total on record, while **Cold Bay's** total of 8.35 inches (398 percent) was a June record.

Wettest Month (Inches) on Record

Location	Total	Normal	Former Record/Month
Rochester, MN	12.52	3.72	12.33 in July 1978

Record-High June Precipitation (Inches)

Location	Total	Normal	Former Record/Year
Fayetteville, AR	14.39	4.97	13.63 in 1982
Rochester, MN	12.52	3.72	11.95 in 1914
Fargo, ND	11.72	2.82	9.40 in 1975
Ft. Wayne, IN	8.55	3.59	8.29 in 1958
Lubbock, TX	8.48	2.75	7.95 in 1967
Cold Bay, AK	8.35	2.10	6.98 in 1952

Wettest June (Inches) at Selected Locations Since...

Location	Total	Normal	Wettest June Since...
Juneau, AK	5.72	3.15	6.22 in 1996
Springfield, IL	7.46	3.43	8.16 in 1994
South Bend, IN	7.75	4.11	10.86 in 1993
San Antonio, TX	7.61	3.81	7.69 in 1987
Norfolk, VA	8.31	3.82	9.72 in 1963
Tucson, AZ	1.56	0.20	2.07 in 1938

Weather Data for Selected Locations in the Delta

Weather Data for the Week Ending July 1, 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELZONI ^x	92	70	96	68	81	0	0.30	-0.53	0.25	-	-	-	-	-	-	6	0	2	0
CLARKSDALE ^x	88	65	95	54	77	-4	2.05	1.28	0.90	-	-	-	-	-	-	2	0	3	3
CLEVELAND ^x	89	71	94	68	80	-2	0.50	-0.34	0.48	3.47	70	27.87	94	-	-	3	0	2	0
GREENVILLE ^x	87	71	94	68	79	-3	2.72	1.85	2.66	4.75	111	-	-	-	-	2	0	2	1
GREENWOOD ^x	88	70	92	67	79	-2	1.35	0.44	0.51	3.47	79	25.03	89	-	-	2	0	3	1
INDIANOLA 1S	88	71	93	69	80	-	0.12	-	0.12	-	-	-	-	91	85	3	0	1	0
INVERNESS 5E	88	72	93	69	80	-	0.92	-	0.64	4.58	-	29.09	-	-	-	3	0	3	1
LYON	89	69	96	54	79	-	0.30	-	0.16	2.30	-	22.80	-	-	-	2	0	4	0
MOORHEAD ^x	89	73	96	69	81	-1	0.66	-0.05	0.66	2.55	63	27.25	95	-	-	5	0	1	1
ONWARD	88	70	92	64	79	-	1.48	-	1.48	4.69	-	-	-	88	79	3	0	1	1
ROLLING FORK ^x	91	70	95	64	81	0	0.10	-0.74	0.10	2.02	49	19.08	68	-	-	5	0	1	0
SIDON	88	70	95	67	79	-	-	-	-	-	-	-	-	-	-	2	0	-	-
TUNICA ^x	90	69	96	54	80	-1	3.53	2.69	3.44	-	-	-	-	-	-	3	0	2	1
TUNICA 1W	87	70	94	54	79	-2	2.42	1.58	1.54	-	-	-	-	-	-	2	0	4	2
VANCE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VICKSBURG ^x	90	71	93	66	81	0	0.15	-0.63	0.08	2.83	71	-	-	-	-	5	0	3	0
YAZOO CITY ^x	88	70	92	64	79	-3	0.00	-0.67	0.00	2.32	62	28.99	95	-	-	4	0	0	0
STONEVILLE [*]	89	71	94	68	80	0	1.99	1.07	1.82	6.13	155	36.99	132	92	80	4	0	2	1

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

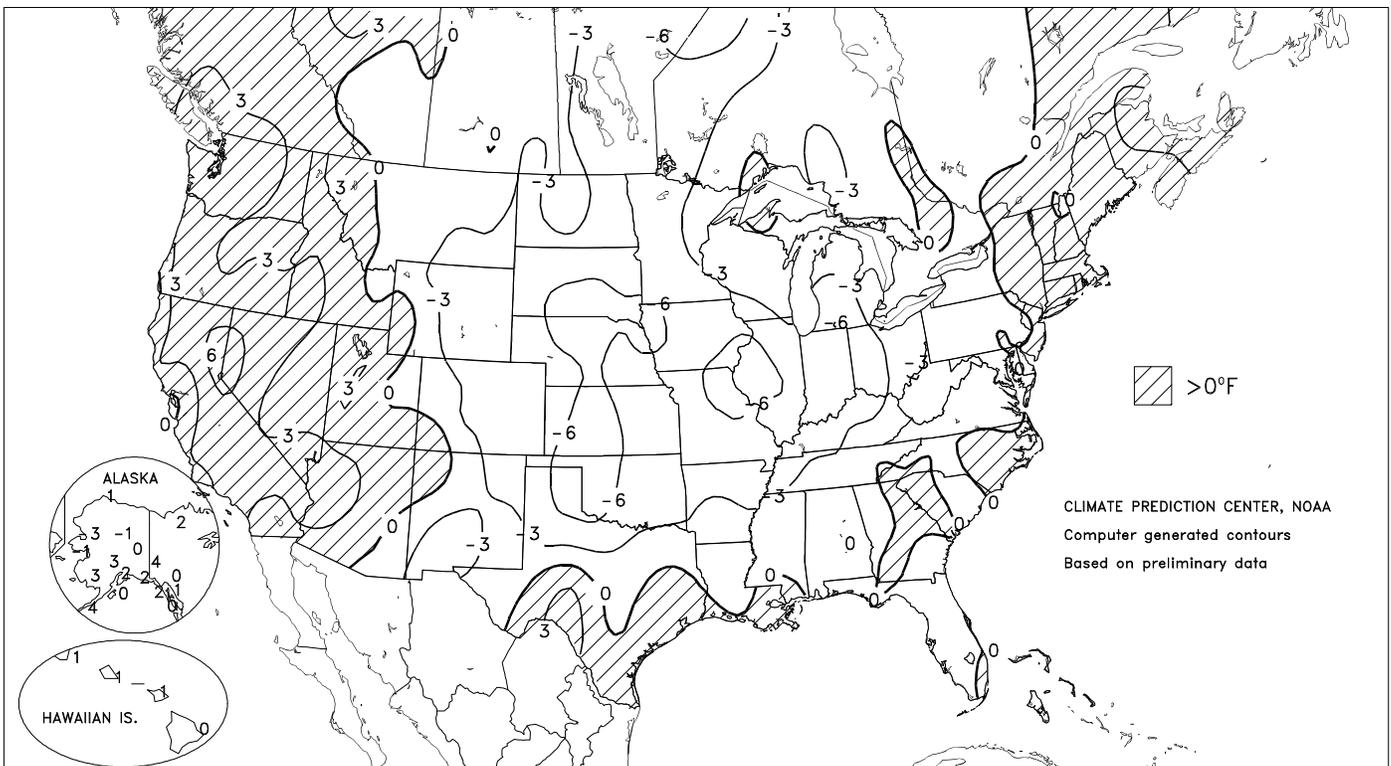
* Based on 1964-93 normals.

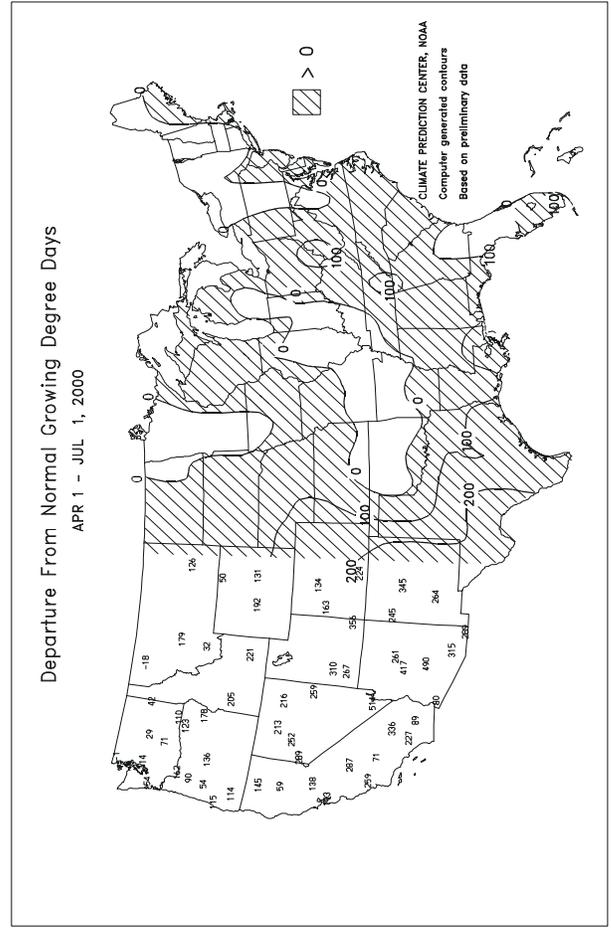
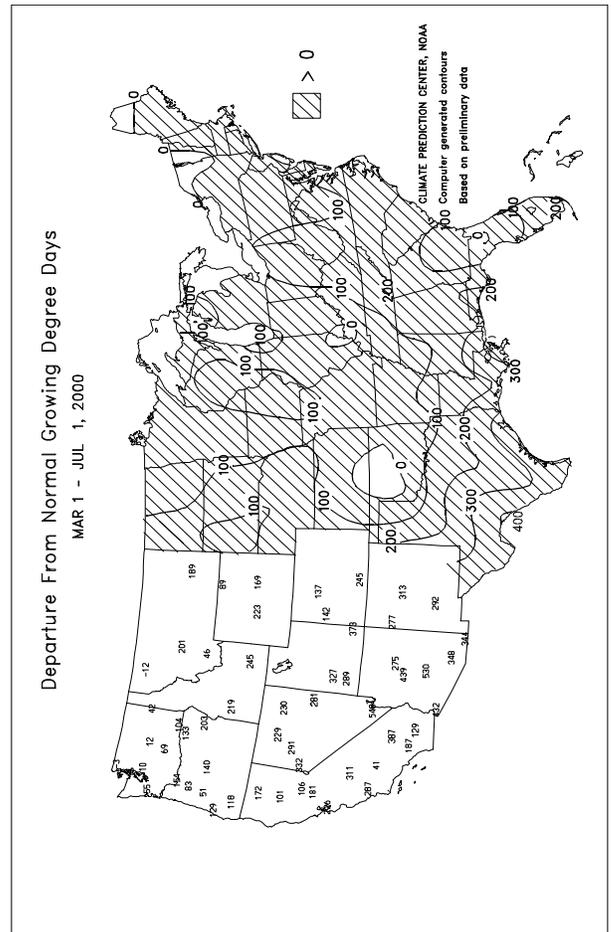
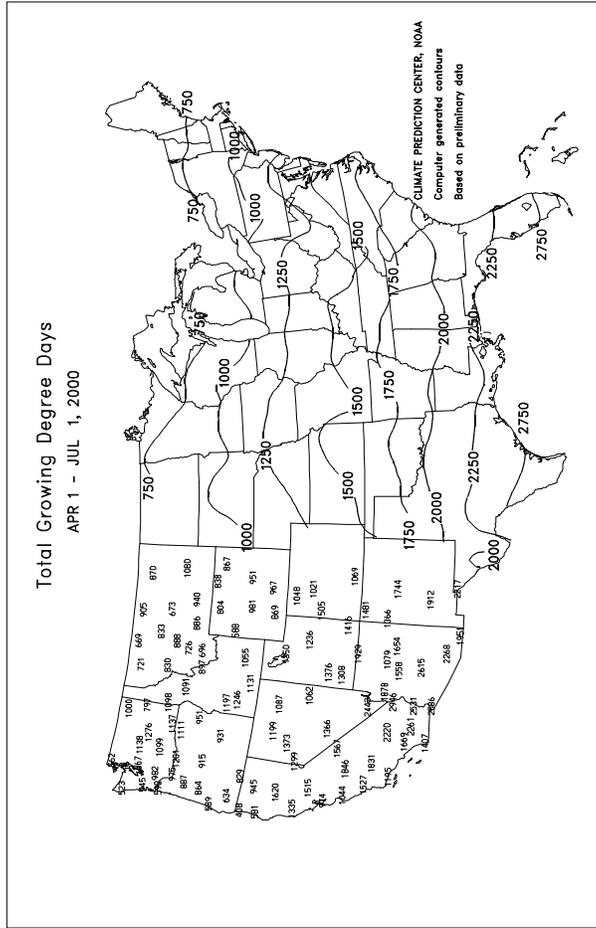
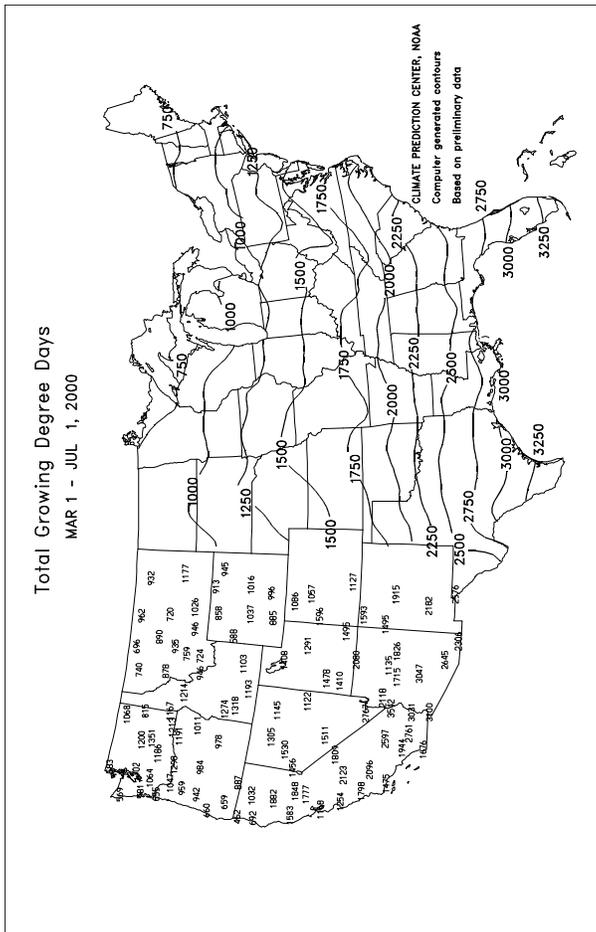
^x Based on 1961-90 normals.

Delta Weather and Crop Summary: Midweek, locally heavy showers provided beneficial moisture for summer crops, including cotton and soybeans. Cooler air trailed the showers, helping to hold weekly temperatures to near- or slightly below-normal levels.

Departure of Average Temperature from Normal (°F)

JUN 25 - JUL 1, 2000





National Weather Data for Selected Cities

Weather Data for the Week Ending July 1, 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	88	68	91	63	78	-1	0.46	-0.53	0.30	3.00	77	30.63	103	94	45	3	0	4	0
	HUNTSVILLE	87	68	92	61	77	-1	1.66	0.64	1.33	5.07	118	27.37	88	96	61	2	0	3	1
	MOBILE	88	72	92	70	80	-2	1.13	-0.17	0.41	3.15	60	18.87	59	95	74	2	0	3	0
	MONTGOMERY	92	69	95	65	80	-1	0.54	-0.51	0.29	2.17	53	13.73	48	92	45	6	0	3	0
AK	ANCHORAGE	66	53	70	50	59	2	1.17	0.85	1.01	1.47	124	5.31	109	84	70	0	0	4	1
	BARROW	45	32	57	27	39	1	0.38	0.25	0.13	0.76	253	1.60	139	99	89	0	4	4	0
	FAIRBANKS	71	54	80	48	63	1	0.34	-0.05	0.33	0.74	52	3.48	97	78	59	0	0	2	0
	JUNEAU	64	48	72	39	56	1	2.41	1.62	1.34	5.74	176	25.53	121	92	77	0	0	4	2
	KODIAK	57	47	60	44	52	0	0.95	0.00	0.56	5.05	103	28.30	89	92	82	0	0	7	1
	NOME	54	42	60	37	48	-1	0.00	-0.36	0.00	0.22	19	4.66	106	89	70	0	0	0	0
AZ	FLAGSTAFF	80	52	84	44	66	2	0.94	0.63	0.67	1.12	243	6.48	69	77	24	0	0	4	1
	PHOENIX	104	82	107	77	93	1	0.08	-0.01	0.04	0.38	253	3.37	124	47	30	7	0	2	0
	TUCSON	95	73	102	69	84	-2	0.54	0.29	0.24	1.66	664	2.87	95	68	43	7	0	4	0
	YUMA	104	83	107	80	94	3	0.00	-0.03	0.00	0.00	0	0.50	51	48	38	7	0	0	0
AR	FORT SMITH	86	68	92	61	77	-3	1.27	0.59	1.19	8.96	257	20.92	99	94	59	2	0	2	1
	LITTLE ROCK	87	70	93	67	79	-2	0.18	-0.60	0.18	5.64	153	23.16	88	95	57	2	0	1	0
CA	BAKERSFIELD	99	70	103	64	85	4	0.00	-0.01	0.00	0.21	210	4.72	123	47	31	7	0	0	0
	FRESNO	99	69	103	61	84	4	0.00	0.00	0.00	0.56	700	12.40	177	62	40	7	0	0	0
	LOS ANGELES	76	64	82	64	70	3	0.00	0.00	0.00	0.00	0	9.82	126	88	71	0	0	0	0
	REDDING	100	69	107	61	85	5	0.00	-0.07	0.00	1.14	200	27.00	144	64	33	6	0	0	0
	SACRAMENTO	91	59	97	55	75	1	0.00	-0.03	0.00	0.04	33	21.84	204	87	35	4	0	0	0
	SAN DIEGO	77	67	89	65	72	3	0.00	0.00	0.00	0.00	0	5.40	88	86	74	0	0	0	0
	SAN FRANCISCO	67	55	70	54	61	-1	0.00	-0.02	0.00	0.16	145	19.47	159	90	73	0	0	0	0
	STOCKTON	96	59	101	56	78	2	0.00	-0.03	0.00	0.03	38	11.46	137	74	41	6	0	0	0
CO	ALAMOSA	79	45	83	41	62	-1	0.19	-0.01	0.18	0.55	79	1.94	69	62	20	0	0	2	0
	CO SPRINGS	75	52	86	49	63	-6	1.17	0.60	1.01	1.47	63	6.24	85	90	40	0	0	4	1
	DENVER	82	56	94	51	69	-2	0.36	-0.05	0.25	0.81	44	6.80	82	83	32	3	0	3	0
	GRAND JUNCTION	89	60	94	55	75	-1	0.15	0.04	0.15	0.36	69	4.42	108	58	29	5	0	1	0
	PUEBLO	86	57	98	55	71	-4	0.79	0.43	0.48	0.85	65	6.22	128	86	42	3	0	4	0
CT	BRIDGEPORT	80	66	86	60	73	2	0.26	-0.57	0.21	3.99	111	21.67	102	86	64	0	0	3	0
	HARTFORD	84	62	89	54	73	1	0.28	-0.51	0.21	6.86	178	23.55	107	88	54	0	0	4	0
DC	WASHINGTON	84	69	90	64	76	-2	0.75	-0.05	0.53	4.20	120	21.46	116	83	57	1	0	4	1
DE	WILMINGTON	83	66	89	59	74	-1	1.69	0.80	0.93	5.25	143	26.43	130	93	50	0	0	5	2
FL	DAYTONA BEACH	86	71	89	69	79	-2	1.16	-0.24	0.52	2.69	44	15.08	73	97	63	0	0	4	1
	JACKSONVILLE	88	69	90	67	79	-2	1.16	-0.16	0.53	2.77	47	12.25	53	97	64	1	0	5	1
	KEY WEST	89	78	91	76	84	0	4.47	-0.59	0.18	3.56	68	9.69	61	85	68	1	0	5	0
	MIAMI	90	76	93	73	83	1	4.44	2.57	2.72	7.99	84	15.27	61	89	63	3	0	6	2
	ORLANDO	88	71	91	68	80	-2	4.21	2.40	1.22	5.68	75	10.94	51	95	74	2	0	7	3
	PENSACOLA	88	74	93	72	81	-1	1.46	-0.18	0.66	3.39	51	13.87	46	92	63	2	0	4	1
	TALLAHASSEE	91	72	94	70	81	0	0.81	-1.06	0.55	2.57	36	11.01	34	98	63	5	0	5	1
	TAMPA	86	73	92	71	80	-2	3.18	1.77	1.29	5.84	103	8.96	50	94	73	1	0	6	2
	WEST PALM	90	75	95	73	83	1	0.66	-1.08	0.51	4.06	49	12.31	46	89	64	4	0	5	1
GA	ATHENS	90	68	97	64	79	0	0.68	-0.32	0.41	2.02	50	15.69	58	93	51	4	0	5	0
	ATLANTA	88	68	92	65	78	0	0.43	-0.53	0.39	1.69	46	15.96	58	88	50	2	0	2	0
	AUGUSTA	90	69	94	67	80	0	0.65	-0.33	0.55	5.53	130	17.59	72	94	56	4	0	3	1
	COLUMBUS	93	70	96	68	82	1	0.20	-0.91	0.18	0.80	19	15.38	55	88	41	7	0	2	0
	MACON	90	68	94	65	79	-1	1.11	0.20	0.47	2.53	68	14.28	58	97	53	5	0	5	0
	SAVANNAH	90	70	91	66	80	-1	1.06	-0.33	0.44	5.69	97	18.07	77	96	60	4	0	3	0
HI	HILO	83	68	84	67	76	0	5.11	3.45	3.95	8.71	135	42.52	65	88	79	0	0	6	2
	HONOLULU	88	74	90	73	81	1	0.06	-0.06	0.06	0.10	19	2.31	21	76	68	1	0	1	0
	KAHULUI	88	70	89	67	79	1	0.05	-0.01	0.04	0.16	57	2.71	21	78	66	0	0	2	0
	LIHUE	84	74	85	70	79	1	0.67	0.28	0.37	1.56	89	8.52	39	82	71	0	0	4	0
ID	BOISE	91	58	98	52	75	4	0.00	-0.13	0.00	0.14	17	7.24	104	51	26	3	0	0	0
	LEWISTON	88	56	94	51	72	1	0.00	-0.23	0.00	1.65	129	8.19	117	65	35	3	0	0	0
	POCATELLO	86	48	97	42	67	0	0.17	-0.02	0.17	0.23	22	5.44	80	65	29	1	0	1	0
IL	CHICAGO/O'HARE	78	59	86	52	69	-3	0.04	-0.83	0.03	3.38	87	17.05	104	88	56	0	0	2	0
	MOLINE	78	58	84	53	68	-6	0.57	-0.49	0.40	5.85	132	20.33	111	92	71	0	0	4	0
	PEORIA	79	59	83	57	69	-5	0.74	-0.23	0.46	3.81	92	14.64	84	98	57	0	0	2	0
	ROCKFORD	77	56	83	51	67	-5	0.11	-0.93	0.11	8.12	174	22.91	136	94	61	0	0	1	0
	SPRINGFIELD	79	60	83	57	69	-7	0.94	0.14	0.92	6.49	183	14.39	83	93	63	0	0	3	1
IN	EVANSVILLE	81	64	85	58	72	-6	1.68	0.85	1.16	5.89	163	25.66	112	93	62	0	0	3	2
	FORT WAYNE	78	58	83	53	68	-5	0.44	-0.38	0.37	8.59	232	20.16	117	97	52	0	0	4	0
	INDIANAPOLIS	79	61	84	55	70	-4	0.03	-0.86	0.02	5.01	138	20.38	102	90	52	0	0	2	0
	SOUTH BEND	76	57	81	53	67	-5	0.70	-0.26	0.65	6.35	150	20.48	111	90	58	0	0	3	1
IA	BURLINGTON	78	58	83	56	68	-6	1.03	0.07	0.64	7.38	176	17.35	104	95	54	0	0	4	1
	CEDAR RAPIDS	76	58	80	55	67	-6	0.86	-0.18	0.47	7.10	151	17.69	111	98	59	0	0	5	0
	DES MOINES	79	60	82	55	70	-5	1.51	0.53	1.26	7.61	166	16.10	101	88	64	0	0	3	1
	DUBUQUE	76	57	82	53	67	-4	0.80	-0.12	0.44	8.83	207	21.52	122	91	71	0	0	3	0
	SIQUX CITY	78	56	84	49	67	-7	2.79	1.98	2.33	5.72	150	13.44	103	95	65	0	0	3	1
	WATERLOO	79	59	82	55	69	-3	0.86	-0.23	0.67	7.11	154	22.42	139	92	55	0	0	3	1
KS	CONCORDIA	83	60	95	52	72	-5	1.13	0.17	0.68	2.29	50	10.75	73	88	54	2	0	5	1
	DODGE CITY	82	61	93	54	72	-6	2.10	1.36	1.82	2.86	89	12.37	113	93	52	2	0	3	1
	GOODLAND	81	56	95	52	69	-4	1.07	0.37	0.95	2.12	64	7.16	71	91	55	2	0	2	1
	TOPEKA	82	62	91	55	72	-5	1.01	-0.11	0.48	7.02	124	14.97	85	94	62	1	0	6	0

Weather Data for the Week Ending July 1, 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 Jan 1	PCT. NORMAL SINCE Jan 1	TOTAL IN, SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. EF		PRECIP	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
KY WICHITA	82	64	92	57	73	-6	1.95	1.05	1.08	7.06	160	20.90	141	93	57	1	0	5	1
JACKSON	79	65	84	57	72	-2	1.00	-0.07	0.61	6.81	154	24.22	96	97	63	0	0	4	1
LEXINGTON	80	61	88	57	71	-4	1.24	0.28	0.89	3.90	102	23.57	104	91	66	0	0	3	1
LOUISVILLE	81	65	89	61	73	-3	0.95	0.08	0.71	3.96	110	25.94	111	89	56	0	0	2	1
LA PADUCAH	84	63	88	56	74	-4	0.72	-0.22	0.43	3.53	84	29.14	111	96	53	0	0	2	0
BATON ROUGE	91	72	94	70	81	-1	1.24	-0.01	1.02	4.79	102	14.28	47	98	60	4	0	5	1
LAKE CHARLES	91	74	92	73	83	1	3.11	1.98	2.75	5.55	108	27.24	107	94	59	7	0	4	1
NEW ORLEANS	89	74	92	73	81	0	2.51	1.09	1.01	5.66	94	13.33	43	92	69	2	0	6	2
SHREVEPORT	88	72	92	71	80	-1	1.92	0.99	0.74	8.46	191	37.70	152	95	67	4	0	4	1
ME CARIBOU	75	56	83	51	66	2	1.66	0.90	0.82	2.90	96	19.68	129	95	61	0	0	5	1
PORTLAND	79	60	89	55	69	3	0.37	-0.39	0.33	2.12	60	20.60	95	88	52	0	0	3	0
MD BALTIMORE	83	66	90	58	75	-1	1.72	0.87	0.94	5.60	148	23.47	116	90	59	1	0	5	1
MA BOSTON	81	65	91	63	73	2	0.50	-0.17	0.39	6.60	208	23.43	112	90	58	1	0	3	0
WORCESTER	78	61	84	57	70	2	0.22	-0.66	0.15	5.86	146	25.76	110	95	57	0	0	3	0
MI ALPENA	76	50	84	43	63	-2	0.88	0.18	0.82	2.79	89	14.25	108	93	49	0	0	3	1
GRAND RAPIDS	77	56	82	51	66	-4	0.21	-0.61	0.17	4.74	125	22.45	139	92	51	0	0	4	0
HOUGHTON LAKE	76	50	84	44	63	-3	0.74	0.08	0.65	5.19	167	15.91	127	93	60	0	0	3	1
LANSING	78	52	82	47	65	-4	0.10	-0.67	0.04	1.97	52	15.53	108	93	60	0	0	3	0
MUSKOGON	73	56	79	52	65	-3	0.07	-0.42	0.06	3.12	129	18.75	132	91	66	0	0	2	0
TRAVERSE CITY	76	56	83	49	66	-1	0.22	-0.49	0.19	3.08	93	11.47	88	94	48	0	0	2	0
MN DULUTH	74	51	87	46	63	0	0.74	-0.15	0.28	4.39	111	13.41	102	88	53	0	0	4	0
INT'L FALLS	73	47	83	38	60	-5	0.93	-0.01	0.49	4.56	112	10.34	97	92	49	0	0	6	0
MINNEAPOLIS	79	59	90	53	69	-3	0.14	-0.76	0.07	4.85	116	13.61	99	81	43	1	0	2	0
ROCHESTER	76	55	82	50	65	-4	0.91	0.00	0.55	12.59	327	24.52	185	91	54	0	0	3	1
ST. CLOUD	79	50	93	45	65	-3	0.28	-0.67	0.12	4.00	85	11.31	87	92	37	1	0	4	0
MS JACKSON	89	69	91	65	79	-2	0.69	-0.12	0.25	6.04	182	24.11	81	96	57	4	0	5	0
MERIDIAN	90	67	92	64	79	-1	1.36	0.38	0.63	4.38	116	20.59	66	97	60	5	0	5	2
TUPELO	88	69	95	64	79	0	1.56	0.67	0.87	3.31	83	24.82	81	91	61	2	0	5	1
MO COLUMBIA	81	61	87	57	71	-4	1.14	0.22	0.96	5.48	123	18.42	93	94	59	0	0	4	1
KANSAS CITY	81	62	90	57	72	-5	0.03	-1.02	0.02	6.09	125	16.89	95	93	58	1	0	2	0
SAINT LOUIS	81	65	86	62	73	-5	1.16	0.27	1.12	7.59	197	21.48	114	89	65	0	0	2	1
SPRINGFIELD	80	62	88	54	71	-5	2.11	1.12	1.69	8.49	163	18.78	87	98	70	0	0	4	1
MT BILLINGS	81	53	93	47	67	-2	0.33	-0.01	0.16	1.45	71	8.31	92	73	23	2	0	3	0
BUTTE	80	42	91	38	61	1	0.05	-0.37	0.03	0.56	25	4.51	68	86	20	1	0	2	0
GLASGOW	81	51	92	42	66	-2	0.00	-0.46	0.00	3.71	171	8.09	142	75	35	2	0	0	0
GREAT FALLS	79	47	92	42	63	-2	0.19	-0.24	0.12	1.88	77	6.06	68	84	26	1	0	3	0
KALISPELL	81	43	87	38	62	1	0.00	-0.41	0.00	1.58	70	6.16	69	90	40	0	0	0	0
MILES CITY	86	54	100	46	70	-1	0.10	-0.45	0.05	1.95	69	7.56	93	69	18	3	0	2	0
MISSOULA	84	47	93	42	65	1	0.01	-0.31	0.01	0.78	43	5.74	76	73	31	1	0	1	0
NE GRAND ISLAND	85	56	96	49	71	-4	0.09	-0.71	0.08	0.74	18	7.45	56	91	49	2	0	2	0
LINCOLN	83	59	90	52	71	-5	2.11	1.28	2.11	5.30	133	11.52	82	87	55	1	0	1	1
NORFOLK	80	56	84	49	68	-6	0.80	-0.15	0.76	4.21	92	10.38	76	91	53	0	0	3	1
NORTH PLATTE	84	53	99	43	68	-4	1.00	0.23	0.87	1.63	47	6.48	60	91	36	1	0	4	1
OMAHA	80	60	84	54	70	-5	1.77	0.94	1.76	5.55	139	14.02	95	93	57	0	0	2	1
SCOTTSBLUFF	82	51	99	43	67	-5	0.21	-0.36	0.15	0.74	27	7.27	80	80	41	2	0	2	0
VALENTINE	78	49	96	43	64	-8	0.90	0.23	0.49	3.52	118	11.93	125	91	53	1	0	6	0
NV ELY	82	48	89	43	65	1	0.09	-0.08	0.08	0.26	29	5.89	110	70	27	0	0	2	0
LAS VEGAS	104	81	107	78	92	3	0.00	-0.04	0.00	0.00	0	1.81	91	28	19	7	0	0	0
RENO	93	59	96	49	76	7	0.20	0.12	0.20	0.51	109	4.58	106	56	23	6	0	1	0
WINNEMUCCA	94	54	97	51	74	5	0.23	0.08	0.23	0.24	27	6.45	138	42	22	7	0	1	0
NH CONCORD	83	58	89	51	70	2	0.42	-0.32	0.26	3.22	99	20.28	119	94	48	0	0	5	0
NJ NEWARK	85	69	93	64	77	1	0.27	-0.57	0.18	3.67	110	21.26	98	80	52	2	0	4	0
NM ALBUQUERQUE	87	65	94	61	76	-1	0.48	0.28	0.31	0.77	124	2.72	88	65	29	1	0	3	0
NY ALBANY	80	60	90	51	70	0	0.32	-0.48	0.18	7.55	202	26.80	152	91	53	1	0	5	0
BINGHAMTON	75	59	83	51	67	0	0.49	-0.35	0.34	5.11	138	28.19	159	90	61	0	0	4	0
BUFFALO	74	59	80	55	67	-2	0.86	0.09	0.38	6.59	181	21.84	126	91	55	0	0	3	0
ROCHESTER	77	58	85	54	68	0	0.74	0.07	0.32	4.57	148	18.87	127	89	60	0	0	3	0
SYRACUSE	79	59	86	55	69	1	0.33	-0.57	0.23	4.58	117	20.98	118	87	53	0	0	3	0
NC ASHEVILLE	81	59	87	54	70	-2	1.06	0.07	0.35	2.83	65	18.46	77	98	64	0	0	6	0
CHARLOTTE	87	66	94	61	76	-2	1.60	0.78	0.77	3.51	100	20.41	93	96	52	3	0	5	1
GREENSBORO	85	67	91	62	76	0	1.32	0.38	0.86	4.08	103	19.45	93	91	53	2	0	3	1
HATTERAS	83	74	86	71	78	1	0.36	-0.65	0.31	2.28	54	22.07	87	91	72	0	0	3	0
RALEIGH	88	67	93	60	78	1	0.97	0.11	0.62	2.66	70	18.57	87	93	52	3	0	3	1
WILMINGTON	87	71	90	66	79	0	3.93	2.29	3.82	6.28	101	23.20	93	95	56	2	0	3	1
ND BISMARCK	80	52	93	47	66	-2	0.03	-0.57	0.02	5.14	184	12.78	154	89	51	2	0	2	0
DICKINSON	79	50	94	44	64	-3	0.32	-0.35	0.28	2.43	73	7.80	85	91	28	2	0	2	0
FARGO	76	53	89	47	65	-4	0.90	0.25	0.86	9.17	315	16.29	174	93	50	0	0	4	1
GRAND FORKS	77	52	89	45	64	-3	0.19	-0.48	0.09	7.04	240	11.30	133	97	45	0	0	4	0
JAMESTOWN	77	51	92	47	64	-5	0.30	-0.43	0.28	3.10	100	10.33	122	94	43	1	0	2	0
WILLISTON	82	46	95	37	64	-4	0.15	-0.37	0.12	2.81	120	8.44	116	89	38	2	0	3	0
OH AKRON-CANTON	77	58	84	52	68	-3	0.53	-0.28	0.24	5.02	152	23.69	132	89	54	0	0	4	0
CINCINNATI	79	60	85	54	70	-4	0.15	-0.78	0.12	4.78	120	27.75	129	91	60	0	0	3	0
CLEVELAND	77	59	85	53	68	-3	0.52	-0.33	0.35	5.81	152	21.24	121	91	52	0	0	4	0
COLUMBUS	81	60	87	54	70	-2	0.16	-0.80	0.16	3.53	84	22.07	116	86	50	0	0	1	0
DAYTON	79	60	84	53	70	-3	0.00												

Weather Data for the Week Ending July 1, 2000

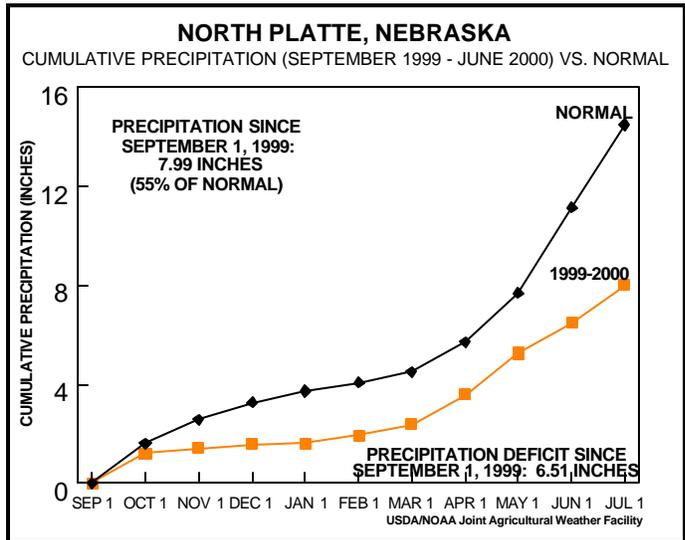
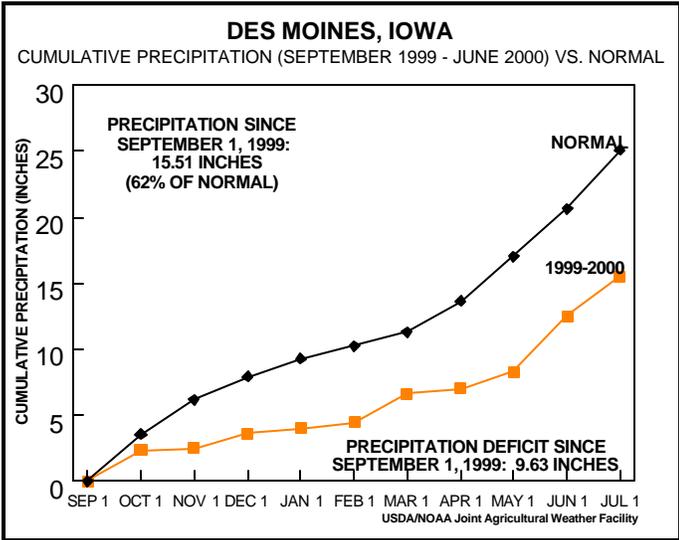
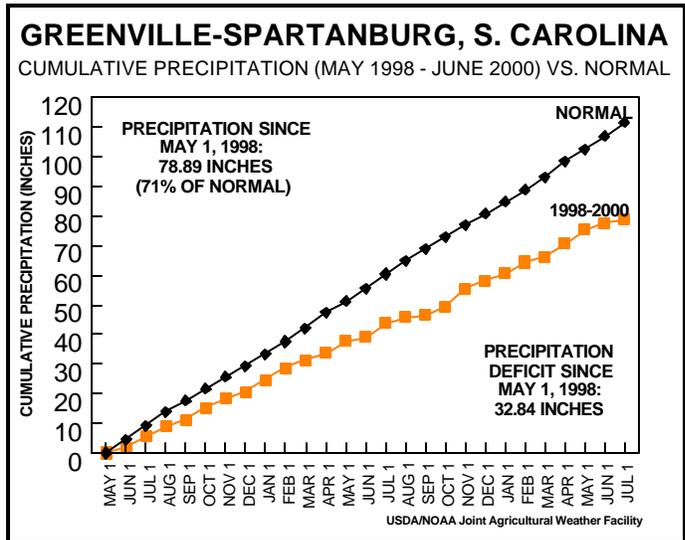
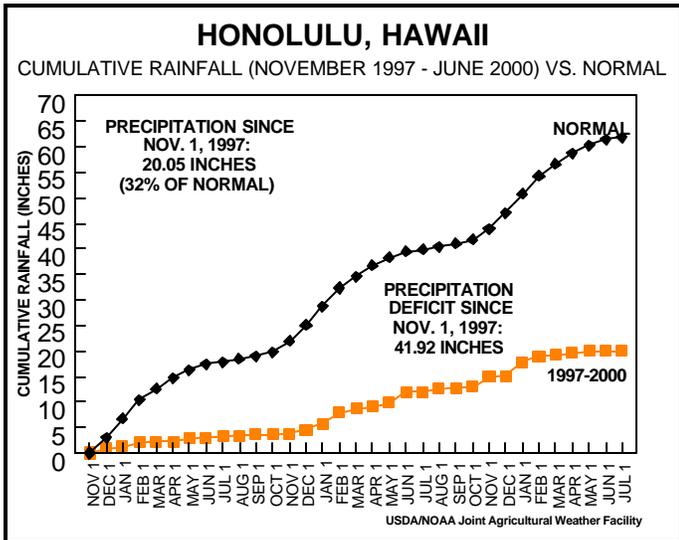
STATES AND STATIONS	TEMPERATURE EF						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN, SINCE Jun 1	PCT. NORMAL SINCE Jun 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	58	82	53	69	-2	0.62	-0.23	0.34	5.91	153	20.87	132	88	52	0	0	3	0
OK YOUNGSTOWN	77	56	84	50	67	-2	0.75	-0.20	0.33	4.78	117	19.39	108	90	56	0	0	5	0
OK OKLAHOMA CITY	83	68	88	63	76	-4	1.34	0.54	0.95	6.76	153	18.63	105	94	66	0	0	3	1
OK TULSA	84	68	91	63	76	-5	1.74	0.89	1.27	6.31	139	21.98	105	92	68	1	0	2	1
OR ASTORIA	73	53	89	46	63	4	0.02	-0.41	0.01	4.21	172	34.41	99	95	72	0	0	2	0
OR BURNS	86	46	91	41	66	4	0.03	-0.11	0.03	0.20	24	5.71	109	57	24	3	0	1	0
OR EUGENE	87	49	95	44	68	3	0.00	-0.22	0.00	0.72	50	27.69	107	88	51	3	0	0	0
OR MEDFORD	93	58	99	55	75	5	0.00	-0.09	0.00	0.45	76	14.07	153	68	23	5	0	0	0
OR PENDLETON	90	56	96	50	73	3	0.00	-0.10	0.00	0.96	148	10.57	163	57	28	4	0	0	0
OR PORTLAND	86	58	98	54	72	6	0.00	-0.24	0.00	1.25	83	19.15	102	86	54	3	0	0	0
OR SALEM	86	53	95	50	70	6	0.00	-0.22	0.00	0.72	53	20.53	101	80	48	3	0	0	0
PA ALLENTOWN	83	62	91	55	73	0	1.66	0.78	0.80	-9.99	-999	23.34	111	96	60	1	0	5	2
PA ERIE	75	59	85	55	67	-2	0.94	0.05	0.41	5.69	135	21.54	117	85	64	0	0	4	0
PA MIDDLETOWN	84	66	92	60	75	1	1.75	0.90	1.53	4.09	103	21.16	103	93	56	2	0	2	1
PA PHILADELPHIA	84	66	91	60	75	0	1.02	0.10	0.68	3.84	99	21.57	104	84	58	1	0	3	1
PA PITTSBURGH	78	60	85	52	69	-2	1.11	-0.76	0.08	5.65	148	20.98	111	90	54	0	0	2	0
PA WILKES-BARRE	80	59	87	52	70	0	1.49	0.57	0.56	5.85	142	18.94	108	93	53	0	0	4	2
PA WILLIAMSPORT	79	60	82	53	70	-1	0.81	-0.18	0.57	5.06	113	22.78	114	90	57	0	1	2	1
RI PROVIDENCE	83	63	91	58	73	2	0.29	-0.45	0.21	5.01	146	26.09	114	90	62	1	0	2	0
SC BEAUFORT	90	71	92	66	81	1	0.32	-1.15	0.16	1.29	20	11.56	48	97	56	4	0	3	0
SC CHARLESTON	88	72	90	67	80	0	1.38	-0.21	0.74	3.64	55	15.70	64	97	56	2	0	4	2
SC COLUMBIA	90	70	96	66	80	0	0.53	-0.66	0.25	2.75	55	19.07	75	89	51	4	0	3	0
SD GREENVILLE	89	67	96	62	78	1	0.33	-0.79	0.32	1.31	27	18.15	67	88	45	3	0	2	0
SD ABERDEEN	79	51	94	46	65	-5	0.65	-0.08	0.64	4.99	154	12.55	128	91	48	1	0	2	1
SD HURON	80	52	95	46	66	-6	0.65	-0.09	0.60	3.13	91	11.30	101	90	45	1	0	4	1
SD RAPID CITY	77	49	93	41	63	-6	0.33	-0.29	0.29	1.64	52	11.79	122	88	46	1	0	3	0
SD SIOUX FALLS	78	54	87	48	66	-6	0.71	-0.02	0.47	3.27	94	13.73	116	90	52	0	0	3	0
TN BRISTOL	81	62	88	56	71	-2	1.75	0.85	1.21	4.58	124	20.65	97	98	55	0	0	5	1
TN CHATTANOOGA	86	68	91	63	77	-1	1.09	0.16	0.81	4.66	127	26.71	95	88	58	2	0	3	1
TN KNOXVILLE	84	67	89	62	76	0	1.02	0.02	0.66	3.43	83	28.97	115	89	53	0	0	2	1
TN MEMPHIS	88	71	95	67	79	-2	2.24	1.43	2.05	3.83	104	22.99	83	83	51	2	0	4	1
TX NASHVILLE	85	68	92	59	76	-2	1.06	0.23	1.04	1.79	48	26.29	104	83	51	2	0	2	1
TX ABILENE	91	72	95	69	81	-2	0.44	-0.13	0.40	4.46	152	9.19	81	88	58	6	0	3	0
TX AMARILLO	82	63	95	60	72	-5	2.27	1.50	1.35	5.59	147	11.58	124	94	62	1	0	3	2
TX AUSTIN	94	72	96	68	83	0	0.00	-0.66	0.00	4.33	114	16.64	99	93	58	7	0	0	0
TX BEAUMONT	92	74	93	73	83	1	0.05	-1.21	0.04	0.09	2	23.12	88	99	56	7	0	2	0
TX BROWNSVILLE	94	75	95	74	85	1	0.00	-0.53	0.00	0.85	30	6.75	65	92	51	7	0	0	0
TX CORPUS CHRISTI	93	74	94	72	84	1	0.00	-0.67	0.00	3.29	95	13.91	106	97	55	7	0	0	0
TX DEL RIO	97	78	100	75	88	4	0.00	-0.48	0.00	4.75	218	7.95	95	73	52	7	0	0	0
TX EL PASO	91	70	100	67	80	-2	1.85	1.60	1.38	3.86	544	4.23	187	69	35	4	0	3	1
TX FORT WORTH	91	75	95	73	83	-1	0.11	-0.45	0.05	6.17	202	18.80	103	84	52	4	0	4	0
TX GALVESTON	89	80	90	79	85	2	0.00	-1.00	0.00	1.05	23	13.28	72	80	65	1	1	0	0
TX HOUSTON	94	74	95	73	84	2	0.06	-0.95	0.06	3.35	66	26.14	115	92	54	7	0	1	0
TX LUBBOCK	81	67	85	65	74	-5	1.35	0.75	0.99	8.55	302	13.83	171	88	72	0	0	6	1
TX MIDLAND	91	71	97	65	81	0	1.29	0.93	1.24	3.22	200	5.83	97	81	49	5	0	2	1
TX SAN ANGELO	95	74	98	70	85	4	0.00	-0.38	0.00	3.46	146	7.32	75	78	45	7	0	0	0
TX SAN ANTONIO	92	74	94	72	83	-1	0.00	-0.70	0.00	7.66	196	16.98	108	93	44	7	0	0	0
TX VICTORIA	94	73	95	72	84	1	0.18	-0.82	0.17	4.46	89	21.88	124	96	54	7	0	2	0
TX WACO	93	75	94	74	84	0	1.15	0.55	1.14	7.64	227	23.59	137	93	59	6	0	2	1
TX WICHITA FALLS	87	72	98	67	80	-3	1.75	1.14	1.09	6.31	176	14.89	97	87	67	1	0	4	1
UT SALT LAKE CITY	90	65	94	62	77	3	0.29	0.12	0.29	0.36	38	7.55	83	56	26	4	0	1	0
VT BURLINGTON	80	60	88	56	70	2	1.33	0.51	0.71	3.59	100	20.64	136	91	47	0	0	5	2
VA LYNCHBURG	83	62	90	53	72	-2	2.78	1.93	1.00	5.43	152	18.24	91	97	66	1	0	4	3
VA NORFOLK	84	70	92	63	77	0	3.72	2.72	1.79	8.41	212	24.76	114	95	64	2	0	3	3
VA RICHMOND	85	69	91	63	77	0	3.49	2.53	2.14	6.24	166	23.31	113	90	61	3	0	3	3
VA ROANOKE	83	65	92	59	74	0	2.13	1.36	1.29	4.75	144	19.75	100	85	62	2	0	4	1
VA WASH/DULLES	84	65	91	57	74	0	0.54	-0.31	0.33	3.60	89	17.57	89	89	57	2	0	4	0
WA OLYMPIA	81	50	91	44	65	4	0.00	-0.29	0.00	2.64	159	27.41	106	91	60	2	0	0	0
WA QUILLAYUTE	73	45	86	40	59	2	0.07	-0.54	0.04	5.86	183	56.29	103	98	68	0	0	2	0
WA SEATTLE-TACOMA	77	56	88	53	67	4	0.05	-0.22	0.04	1.70	111	18.29	99	87	63	0	0	2	0
WA SPOKANE	82	54	87	49	68	2	0.00	-0.23	0.00	0.92	71	10.42	118	68	27	0	0	0	0
WA YAKIMA	89	50	96	45	70	2	0.00	-0.09	0.00	0.15	28	4.70	114	73	31	4	0	0	0
WV BECKLEY	75	59	83	51	67	-1	1.80	0.82	0.86	5.43	136	20.57	100	93	64	0	0	5	1
WV CHARLESTON	80	63	87	56	71	-3	0.96	0.00	0.54	3.57	95	21.32	104	97	56	0	0	3	1
WV ELKINS	77	57	85	48	67	0	0.98	-0.06	0.58	5.14	111	22.64	101	99	55	0	0	4	1
WV HUNTINGTON	79	63	88	56	71	-2	1.44	0.54	0.95	4.19	115	21.87	105	97	60	0	0	5	1
WI EAU CLAIRE	78	55	87	51	67	-3	0.22	-0.72	0.12	9.26	214	19.09	133	91	39	0	0	2	0
WI GREEN BAY	77	56	83	52	66	-2	1.21	0.44	0.91	5.53	158	14.98	116	93	49	0	0	4	1
WI LA CROSSE	81	59	86	51	70	-2	0.29	-0.62	0.25	7.00	174	17.96	129	93	40	0	0	2	0
WI MADISON	76	59	82	52	67	-2	0.36	-0.47	0.27	8.70	231	25.48	181	88	59	0	0	3	0
WI MILWAUKEE	78	59	86	55	69	0	0.38	-0.41	0.38	3.77	113	20.33	132	81	56	0	0	1	0
WY CASPER	80	45	91	37	63	-4	0.07	-0.24	0.06	0.87	58	6.98	96	72	36	2	0	2	0
WY CHEYENNE	75	49	89	42	62	-3	0.87	0.40	0.47	1.04	48	5.42	70	83	59	0	0	4	0
WY LANDER	80	52	90	44	66	-2	0.01	-0.25	0.01	0.66	44	5.11	63	68	36	1	0	1	0
WY SHERIDAN	77	45	92	36	61	-5	0.30	-0.09	0.13	1.98	86	10.01	115	83	40	1	0	6	0

Based on 1961-90 normals

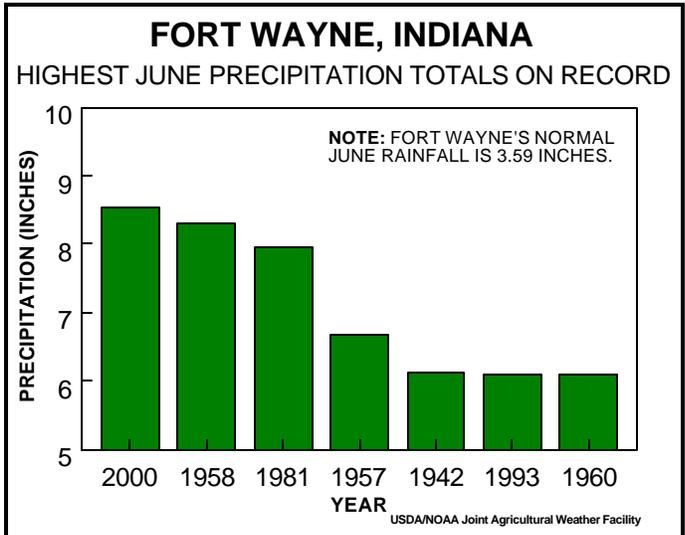
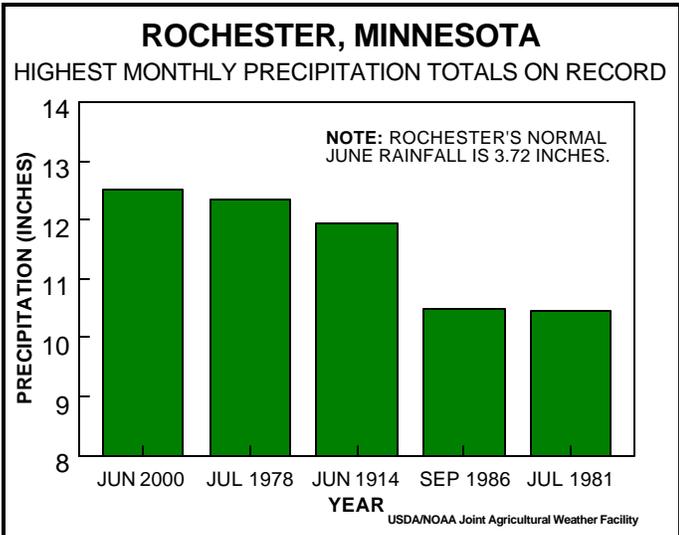
*** Not Available

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

June Weather: Long-Term Precipitation Deficits Persist in Some Areas...



...While Record Rains Cap Drought Recovery in Parts of the Corn Belt



National Agricultural Summary

June 26 - July 2, 2000

HIGHLIGHTS

Below-normal temperatures slowed crop development in the Corn Belt and Great Plains, but most crops remained about 1 week ahead of the normal for this date. Rain continued to ease moisture shortages in the western Corn Belt, while moisture surpluses persisted in the eastern Corn Belt. Seasonal temperatures and widespread showers boosted crop conditions

in the Southeast, but moisture shortages remained in many areas. The winter wheat harvest rapidly advanced in the Great Plains, although rain hindered progress in parts of the southern Plains. Hot weather stimulated crop growth, and dry weather aided fieldwork in the Pacific Coast States.

Corn: Nine percent of the acreage was at or beyond the silking stage, about 1 week ahead of last year and the 5-year average for this date. Development was most advanced in the southern Great Plains, Southeast, and along the Ohio River Valley in the southern Corn Belt. Two-thirds of the acreage was at or beyond the silking stage in Texas. In North Carolina and Tennessee, over half of the crop was at or beyond the silking stage. Just under 50 percent was silking in Missouri and Kentucky, far ahead of the 5-year average in both States. Rain improved crop conditions in the western Corn Belt, while excess moisture and cool weather stressed fields in the eastern Corn Belt. In Colorado, light showers and below-normal temperatures temporarily relieved crop stress due to moisture shortages.

Soybeans: Nineteen percent of the crop was blooming, ahead of last year's early pace and 1 week ahead of the 5-year average. Seasonal temperatures promoted development in the lower Mississippi Valley, as soybeans blooming advanced to 61 percent in Mississippi and 45 in Louisiana. Below-normal temperatures hindered development in the Corn Belt, but fields in bloom progressed 20 or more percentage points in Iowa and Kansas. Elsewhere in the Corn Belt, soybeans blooming advanced between 10 and 20 percentage points in Illinois, Kentucky, Missouri, and Ohio. Conditions deteriorated in the eastern Corn Belt due to below-normal temperatures and saturated soils. In the western Corn Belt, rain eased moisture shortages and improved crop conditions.

Winter Wheat: Harvest progressed to 65 percent complete, more than 1 week ahead of last year and the 5-year average. In Kansas and Nebraska, winter wheat fields were 94 and 52 percent harvested, far ahead of the 44 and 5 percent averages for this date, respectively. Progress also accelerated in Colorado. In the Corn Belt, progress was aided by mostly dry weather. Harvest more than doubled in Illinois and Indiana, to 71 and 47 percent, respectively. The harvest pace gained momentum in Ohio. Dry weather also aided progress in California.

Small grains: Spring wheat and barley were 62 and 54 percent headed, respectively. Both crops were developing about 1 week ahead of last year, when 44 percent of spring wheat and 38 percent of barley were headed. Normally, 40 percent of spring wheat and 37 percent of barley would be heading by this date.

In Minnesota, 30 percent of spring wheat and 33 percent of barley entered the heading stage, despite cooler-than-normal weather. Conditions of both crops significantly improved in Minnesota, as surplus moisture supplies diminished. In Montana, conditions deteriorated for both crops due to increasing moisture shortages. Seventy-nine percent of oats were headed, 12 percentage points ahead of last year and 19 percentage points ahead of the average for this date. Nearly all oats were headed in the Corn Belt, while development rapidly progressed in the upper Mississippi Valley and northern Great Plains. Nearly half of the acreage was headed in North Dakota, more than double the average for this date. Mostly adequate moisture supplies aided development in Minnesota, while moisture shortages stressed many fields in Nebraska.

Cotton: Seventy-three percent of cotton acreage was at or beyond the squaring stage, ahead of last year's 62-percent pace and the 5-year average of 63 percent. Acreage setting bolls progressed to 17 percent, slightly ahead of last year and the 5-year average. Development was aided by seasonal temperatures in the southern Great Plains, Mississippi Delta, and Southeast. Crop development was most advanced in Arizona, Louisiana, and Mississippi, where acreage setting bolls was more than 30 percent. Conditions improved in the Southeast due to widespread, but mostly light showers. Hot weather promoted rapid development in California.

Rice: Seventeen percent of crop was headed, ahead of last year's 14 percent progress and 7 percentage points ahead of normal. Progress was aided by seasonal temperatures in Texas, where over half of the acreage was heading, compared with the average of 33 percent. In Louisiana, heading progress also remained well ahead of normal, even though development slowed. Development was slightly ahead of normal in Arkansas, but remained slightly behind normal in Mississippi. Hot weather accelerated development in California.

Other crops: Sorghum was 17 percent headed, equal to last year's development, but behind the 20-percent average for this date. Development was most advanced in Arkansas, Louisiana, and Texas. Thirty-four percent of peanuts were pegging, slightly behind last year's pace. Rain improved conditions in the Southeast and southern Great Plains.

Crop Progress and Condition

Week Ending July 2, 2000

Winter Wheat Percent Harvested				
	Jul 2 2000	Prev Week	Prev Year	5-Yr Avg
AR	97	93	94	93
CA	75	55	66	72
CO	31	9	8	9
ID	0	0	0	0
IL	71	35	66	46
IN	47	19	47	32
KS	94	80	33	44
MI	0	0	2	2
MO	76	60	52	51
MT	0	0	0	0
NE	52	21	1	5
NC	90	75	84	83
OH	16	2	16	8
OK	93	85	78	88
OR	0	0	0	0
SD	0	0	0	0
TX	89	80	74	78
WA	0	0	0	0
18 Sts	65	52	38	42

These 18 States harvested 91% of last year's winter wheat acreage.

Sorghum Percent Headed				
	Jul 2 2000	Prev Week	Prev Year	5-Yr Avg
AR	23	6	11	15
CO	0	0	0	0
IL	2	0	0	0
KS	0	0	0	1
LA	58	36	59	36
MO	3	1	1	0
NE	0	0	0	0
NM	0	0	0	0
OK	2	0	3	4
SD	0	0	1	0
TX	44	43	45	53
11 Sts	17	16	17	20

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

Spring Wheat Percent Headed				
	Jul 2 2000	Prev Week	Prev Year	5-Yr Avg
ID	67	53	32	38
MN	83	53	62	51
MT	47	28	35	37
ND	53	34	32	28
SD	92	80	78	60
WA	82	72	82	81
6 Sts	62	43	44	40

These 6 States planted 98% of last year's spring wheat acreage.

Oats Percent Headed				
	Jul 2 2000	Prev Week	Prev Year	5-Yr Avg
IA	99	98	99	90
MN	82	60	72	68
NE	97	88	91	94
ND	47	30	26	21
OH	95	85	97	84
PA	95	90	88	80
SD	83	73	66	55
WI	94	77	84	74
8 Sts	79	65	67	60

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

Barley Percent Headed				
	Jul 2 2000	Prev Week	Prev Year	5-Yr Avg
ID	64	49	35	37
MN	82	49	41	43
MT	44	35	38	30
ND	44	28	25	25
WA	85	79	78	85
5 Sts	54	41	38	37

These 5 States planted 78% of last year's barley acreage.

Rice Percent Headed				
	Jul 2 2000	Prev Week	Prev Year	5-Yr Avg
AR	6	4	0	1
CA	0	0	0	0
LA	49	45	54	34
MS	3	2	7	9
TX	59	45	51	33
5 Sts	17	14	14	10

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

Peanuts Percent Pegging				
	Jul 2 2000	Prev Week	Prev Year	5-Yr Avg
AL	19	12	37	42
FL	29	22	61	NA
GA	45	29	47	52
NC	30	10	24	21
OK	40	11	21	34
TX	32	19	24	NA
VA	11	3	26	22
7 Sts	34	20	37	NA

These 7 States planted 98% of last year's peanut acreage.

Corn Percent Silking				
	Jul 2 2000	Prev Week	Prev Year	5-Yr Avg
CO	2	0	0	0
IL	11	3	4	2
IN	5	0	4	1
IA	0	0	0	0
KS	17	5	5	10
KY	48	10	40	19
MI	0	0	0	0
MN	0	0	0	0
MO	47	20	21	17
NE	3	1	0	0
NC	55	35	44	50
ND	1	0	0	0
OH	0	0	1	0
PA	0	0	3	2
SD	0	0	0	0
TN	58	35	61	47
TX	67	60	61	60
WI	0	0	0	0
18 Sts	9	4	5	4

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

Soybeans Percent Blooming				
	Jul 2 2000	Prev Week	Prev Year	5-Yr Avg
AR	7	4	11	9
IL	25	10	12	6
IN	18	10	19	6
IA	32	12	9	8
KS	34	12	4	9
KY	19	0	13	4
LA	45	35	34	31
MI	1	0	15	5
MN	4	0	5	4
MS	61	43	61	42
MO	23	11	7	4
NE	17	9	4	2
NC	5	0	7	5
ND	0	0	0	0
OH	12	2	21	8
SD	11	4	15	6
TN	2	1	7	3
WI	0	0	0	0
18 Sts	19	8	12	7

These 18 States planted 95% of last year's soybean acreage.

Crop Progress and Condition

Week Ending July 2, 2000

Cotton Percent Squaring				
	Jul 2 2000	Prev Week	Prev Year	5-Yr Avg
AL	66	58	60	69
AZ	90	80	85	88
AR	92	76	94	89
CA	85	70	49	47
GA	71	61	73	78
LA	93	84	91	90
MS	92	80	93	88
MO	95	88	99	76
NC	65	45	58	53
OK	47	26	22	25
SC	64	45	55	60
TN	90	80	92	79
TX	64	47	43	50
VA	68	15	56	54
14 Sts	73	59	62	63

These 14 States planted 99% of last year's cotton acreage.

Cotton Percent Setting Bolls				
	Jul 2 2000	Prev Week	Prev Year	5-Yr Avg
AL	11	4	7	10
AZ	39	24	14	35
AR	6	4	7	11
CA	15	10	2	4
GA	28	18	21	26
LA	38	15	28	28
MS	32	13	33	29
MO	10	8	42	17
NC	3	0	9	9
OK	3	0	0	1
SC	14	10	6	11
TN	8	2	10	8
TX	15	14	13	16
VA	0	0	0	0
14 Sts	17	11	15	16

These 14 States planted 99% of last year's cotton acreage.

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

NA - Not Available
 * - Revised

Winter Wheat Crop Condition by Percent					
	VP	P	F	G	EX
AR	1	5	29	50	15
CA	0	0	25	50	25
CO	10	22	40	24	4
ID	0	1	16	62	21
IL	1	6	29	48	16
IN	5	6	16	50	23
KS	8	20	37	33	2
MI	0	3	12	66	19
MO	4	7	30	49	10
MT	8	31	39	18	4
NE	14	30	41	15	0
NC	0	4	19	70	7
OH	0	3	18	54	25
OK	2	8	32	49	9
OR	0	1	44	43	12
SD	0	4	22	54	20
TX	12	38	32	17	1
WA	0	5	16	62	17
18 Sts	6	17	32	38	7
Prev Wk	7	17	31	37	8
Prev Yr	NA	NA	NA	NA	NA

Corn Crop Condition by Percent					
	VP	P	F	G	EX
CO	1	5	31	47	16
IL	1	3	10	51	35
IN	1	3	12	54	30
IA	1	6	20	46	27
KS	2	7	29	53	9
KY	0	3	13	42	42
MI	3	7	25	57	8
MN	1	3	21	58	17
MO	0	3	19	58	20
NE	6	9	26	41	18
NC	1	4	20	64	11
ND	3	4	14	68	11
OH	2	6	21	47	24
PA	2	5	19	58	16
SD	0	2	13	60	25
TN	1	4	12	47	36
TX	1	3	19	58	19
WI	2	7	23	54	14
18 Sts	2	5	19	51	23
Prev Wk	1	5	21	52	21
Prev Yr	1	4	18	53	24

Soybeans Crop Condition by Percent					
	VP	P	F	G	EX
AR	1	9	30	45	15
IL	1	5	21	50	23
IN	2	8	27	49	14
IA	1	7	25	48	19
KS	1	3	25	62	9
KY	0	1	14	52	33
LA	1	5	23	63	8
MI	2	5	31	56	6
MN	1	5	29	54	11
MS	2	5	19	62	12
MO	1	6	31	52	10
NE	4	11	30	42	13
NC	1	3	24	65	7
ND	9	12	19	52	8
OH	5	13	33	40	9
SD	0	2	19	60	19
TN	0	3	14	54	29
WI	2	5	21	59	13
18 Sts	2	6	26	51	15
Prev Wk	2	6	26	52	14
Prev Yr	1	5	23	55	16

Sorghum Crop Condition by Percent					
	VP	P	F	G	EX
AR	0	1	19	68	12
CO	0	6	35	57	2
IL	0	2	37	47	14
KS	2	7	31	52	8
LA	0	1	22	71	6
MO	1	3	18	55	23
NE	6	14	45	32	3
NM	16	8	68	6	2
OK	0	4	19	69	8
SD	0	0	13	78	9
TX	1	9	25	51	14
11 Sts	2	7	29	52	10
Prev Wk	2	6	32	50	10
Prev Yr	0	4	21	62	13

Spring Wheat Crop Condition by Percent					
	VP	P	F	G	EX
ID	0	1	14	75	10
MN	3	12	21	47	17
MT	6	32	30	28	4
ND	4	6	18	54	18
SD	1	3	18	51	27
WA	0	2	28	62	8
6 Sts	4	13	22	47	14
Prev Wk	3	8	25	50	14
Prev Yr	2	4	23	56	15

Crop Progress and Condition

Week Ending July 2, 2000

Cotton Crop Condition by Percent					
	VP	P	F	G	EX
AL	12	13	27	46	2
AZ	0	2	21	57	20
AR	2	7	35	46	10
CA	0	0	20	40	40
GA	11	18	34	31	6
LA	0	2	19	66	13
MS	1	5	18	62	14
MO	0	9	26	58	7
NC	1	2	20	65	12
OK	0	0	25	55	20
SC	5	11	24	51	9
TN	1	2	22	53	22
TX	1	9	30	43	17
VA	0	5	20	63	12
14 Sts	2	8	27	48	15
Prev Wk	5	8	26	48	13
Prev Yr	6	10	24	49	11

Oats Crop Condition by Percent					
	VP	P	F	G	EX
IA	1	9	23	53	14
MN	0	3	19	65	13
NE	23	23	21	22	11
ND	0	2	23	61	14
OH	0	5	23	61	11
PA	0	3	19	63	15
SD	0	4	16	62	18
WI	0	4	14	61	21
8 Sts	1	5	20	59	15
Prev Wk	1	5	20	59	15
Prev Yr	2	3	20	57	18

Peanuts Crop Condition by Percent					
	VP	P	F	G	EX
AL	13	28	45	14	0
FL	0	7	82	11	0
GA	9	14	38	34	5
NC	0	0	14	70	16
OK	0	3	33	56	8
TX	0	3	18	56	23
VA	0	0	6	70	24
7 Sts	5	10	33	42	10
Prev Wk	10	15	28	40	7
Prev Yr	0	5	21	58	16

Barley Crop Condition by Percent					
	VP	P	F	G	EX
ID	0	2	18	73	7
MN	1	11	25	50	13
MT	3	14	42	37	4
ND	2	4	17	59	18
WA	0	1	33	56	10
5 Sts	2	7	28	53	10
Prev Wk	1	6	28	54	11
Prev Yr	2	7	28	52	11

Rice Crop Condition by Percent					
	VP	P	F	G	EX
AR	0	4	19	61	16
CA	0	0	50	40	10
LA	0	14	38	42	6
MS	2	4	21	60	13
TX	0	0	12	52	36
5 Sts	0	5	27	54	14
Prev Wk	0	5	28	54	13
Prev Yr	0	1	21	59	19

Pasture and Range Crop Condition by Percent											
Week Ending July 2, 2000											
	VP	P	F	G	EX		VP	P	F	G	EX
AL	19	21	32	26	2	NH	0	0	2	19	79
AZ	46	27	24	3	0	NJ	0	0	7	81	12
AR	1	1	14	60	24	NM	14	36	37	13	0
CA	35	20	20	25	0	NY	0	0	7	50	43
CO	13	24	37	25	1	NC	3	8	39	45	5
CT	0	0	0	0	100	ND	2	7	30	52	9
DE	0	2	8	85	5	OH	1	6	25	54	14
FL	5	40	45	10	0	OK	0	2	16	54	28
GA	23	27	31	18	1	OR	0	0	18	70	12
ID	9	8	35	43	5	PA	1	5	20	59	15
IL	0	3	13	63	21	RI	0	0	11	70	19
IN	0	5	23	53	19	SC	21	28	32	17	2
IA	8	19	32	32	9	SD	2	4	19	59	16
KS	5	16	32	39	8	TN	1	7	31	54	7
KY	1	6	26	53	14	TX	7	13	31	33	16
LA	4	11	36	43	6	UT	8	25	37	30	0
ME	0	0	3	68	29	VT	0	0	6	48	46
MD	1	2	12	65	20	VA	0	3	16	64	17
MA	0	0	0	60	40	WA	0	14	50	36	0
MI	0	2	23	56	19	WV	0	2	20	70	8
MN	0	3	24	61	12	WI	1	2	12	62	23
MS	15	10	24	41	10	WY	6	13	47	34	0
MO	7	19	42	28	4	48 Sts	8	14	28	39	11
MT	14	28	39	16	3						
NE	30	33	28	9	0	Prev Wk	9	15	28	38	10
NV	2	8	30	58	2	Prev Yr	3	8	23	50	16

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 5.1. Topsoil 14% very short, 26% short, 60% adequate. Corn 67% silken, 74% 1999, 72% avg. Corn 26% very poor, 14% poor, 20% fair, 32% good, 8% excellent. Soybeans 92% planted, 96% 1999, 93% 5 yr avg. Soybeans 84% emerged, 88%, 1999, 5 yr avg not available. Soybean 2% very poor, 5% poor, 41% fair, 50% good, 2% excellent. Wheat 95%, harvested 89% 1999, 90% 5 yr avg. Wheat 2% very poor, 9% poor, 30% fair, 54% good, 5% excellent. Hay 95% Harvested, 94% 1999, 94% 5 yr avg. Pasture feed 19% very poor, 21% poor, 32% fair, 26% good, 2% excellent. Livestock 4% very poor, 10% poor, 25% fair, 57% good, and 4% excellent. Crop conditions improved. Pastures, hayfields received much needed rainfall.

ALASKA: Days suitable for fieldwork 5.5. Topsoil 50% short, 50% adequate. Subsoil moisture, 40% short, 60% adequate. Sunny, dry conditions at the beginning of the week allowed producers to start harvesting the 1st cutting hay. However, damp conditions by the end of the week caused harvesting delays. Daytime high temperatures were mostly in the seventies, with lows in the forties and fifties. Barley, in-boot, 80%, 41% 1999, 70% average. Barley 40% fair, 50% good, 10% excellent. Oats in-boot 50%, 35% 1999, 80% avg. Average height of small grains, 11.5". Potatoes 90% emerged, 84% 1999, 100% avg. Hay 30% harvest, 22% 1999, 10% avg. Hay crop 20% poor, 30% fair, 30% good, 20% excellent. Crop growth, 90% moderate, 10% fast. Wind, rain damage to new plantings, 98% none, 2% light. Major farming activities for the week included: Cutting, harvesting hay fields, harvesting vegetables, weed control, transplanting vegetables, irrigating vegetable, potato fields.

ARIZONA: Area continued to record above average temperatures with precipitation throughout the state during the week of July 2. Above average temperatures have helped cotton, small grains progress ahead of schedule. Range, pasture feeds improvement with the early monsoon rains, but much still remains in poor condition.

ARKANSAS: Days suitable fieldwork. 4.0. Soil moisture supplies 3% short, 69% adequate, 28 % surplus Temperatures slightly cooler than normal, showers, thunderstorms scattered around state. Corn silken 89%, na 1999, na 5 yr avg.; 8% fair, 56% good, 36% excellent. Soybean 91% planted, 95% 1999, 94% 5 yr avg.; 83% emerged, 88% 1999, 87% 5 yr avg.; 7% blooming, 11% 1999, 9% 5 yr. avg.; 1% very poor, 9% poor, 30% fair, 45% good, 15% excellent. Sorghum 100% emerged, 100% 1999, 100% 5 yr. avg.; 23% headed, 11% 1999, 15% 5 yr. avg.; 1% Poor, 19% Fair, 68% Good, 12% Excellent. Cotton 92% squaring, 94% 1999, 89% 5 yr. avg.; setting 6% bolls, 7% 1999, 11% 5 yr. avg. 2% Very Poor, 7% Poor, 35% Fair, 46% Good, 10% Excellent. Rice 6% headed, 0% 1999, 1% 5 yr. avg.; 4% Poor, 19% Fair, 61% Good, 16% Excellent. Wheat 97% harvested, 94% 1999, 93% 5 yr. avg. Other hay 1% Very Poor, 2% Poor, 22% Fair, 58% Good, 17% Excellent. Alfalfa 1% Very Poor, 1% Poor, 22% Fair, 57% Good, 19% Excellent. Cotton, soybeans cultivation continued. Soybeans, rice spraying herbicides. Some cotton spraying, aphids, boll weevils. Many rice growers applying mid-season Nitrogen. Other activities: Fertilizing, applying weed control to pastures, cutting, baling hay, blueberry, peach harvests continued. Some stream flooding, Northwestern, Western sections. Livestock good condition. Cattle were being treated for horn flies, internal parasites.

CALIFORNIA: The winter wheat harvest was three-fourths complete. Yields have been good to excellent. Low protein content was a problem in some fields. Dry beans were being double cropped onto harvested wheat fields. Cotton fields were being irrigated. Excellent growing conditions have the cotton crop progressing at a faster rate than 1999. San Joaquin Valley fields were squaring, bloom was reported in several areas. Field crews were hoeing weeds. Cotton growers treated fields for mites, aphids, lygus, worms. Alfalfa was being sprayed as westside farmers battled an outbreak of armyworms. Fields were in all stages of production. Some alfalfa seed growers applied the season's final irrigation, as the fields were blooming, pollination continued. Sudan grass fields were treated for weeds. Rice was sprayed for weeds, weevils. Hot weather was beneficial to rice progress and development. Corn for silage was still being planted, as standing fields were tasseling. Early planted fields were on their last irrigation prior to chopping. Sugarbeets were thriving. Blackeye beans were being cultivated, irrigated, bloom was starting. Fruit, nut growers were busy with cultural activities. Weed control, fungicide application, irrigation of vineyards, orchards continued. Grape vineyards were treated for mildew, leafhoppers. Harvest of grapes for fresh consumption continued in the Coachella Valley. Thompson Seedless, Flame Seedless were the main varieties picked. The San Joaquin Valley harvest of Perlette, Flame Seedless grapes for fresh use was underway.

Harvest of apricots, freestone peaches, nectarines, plums was active. Apples were treated for codling moth. Grapefruit picking was active in the San Joaquin Valley, lemon picking was active in southern state. Valencia orange harvest progressed in southern state, the San Joaquin Valley. Strawberry picking was active on the central coast, winding down in the central valleys. Warm temperatures were favorable for vegetable growth. Watermelon planting was complete in most parts of the San Joaquin Valley. Planting of cantaloupe, honeydew, fresh market and processing tomatoes, bell pepper, and freezer beans continued. Insecticide applications were underway in tomato, bell pepper fields. Weeding of tomato, bell pepper fields continued. Fresh market tomato harvest was active. Harvest of processing tomatoes was expected to start in the next two weeks. Sweet corn was treated for worms, new fields were planted in Fresno County. Harvest of early vegetable crops included the following: Sweet Banana, Jalapeno, Anaheim, Fresno Chili peppers; eggplant; okra; cucumber; assorted squash; cherry tomatoes. Watermelon harvest was in full swing. The intensity of the cantaloupe harvest also increased. Bell pepper harvest began in Merced County. Harvest of garlic, onion fields was also underway. Other vegetables harvested this week were: basil; carrots; cilantro; fresh market and processing cucumbers; yellow, green, long beans; mustard greens; okra leaf; parsley; bell, sweet, chili peppers; Kabocha, scalloped, yellow crookneck, zucchini squash; radishes; spinach. Irrigated summer pastures in the valleys, mountains were in fairly good condition. Livestock were in good condition. Dry foothill pastures caused fire problems in some areas. Temperatures were down a little from the extreme heat the week before but milk production was still being negatively affected. New dairies continue to move into the southern San Joaquin Valley from the Chino area. Bees were working in seed alfalfa, melon, safflower fields.

COLORADO: Days suitable for fieldwork 6.1. Topsoil 34% very short, 45% short, 21% adequate, 0% surplus. Subsoil moisture 35% very short, 39% short, 26% adequate, 0% surplus. Temperatures remained warm but were cooler than the previous week. Localized thundershowers brought some moisture to the southeast along with some hail. Hail also damaged crops in the northern portion of the San Luis Valley early in the week. Most of the state remained mostly dry. Spring barley 84% headed, 87% 1999, 81% avg.; 25% turning color, 11% 1999, 22% avg.; 1% very poor, 7% poor, 16% fair, 54% good, 22% excellent. Dry onions 4% very poor, 5% poor, 22% fair, 55% good, 14% excellent. Sugar beets 3% very poor, 8% poor, 17% fair, 52% good, 20% excellent. Summer potatoes 1% very poor, 4% poor, 11% fair, 47% good, 37% excellent. Fall potatoes 4% poor, 15% fair, 56% good, 25% excellent. Dry beans 95% emerged, 95% 1999, 86% avg.; 12% very poor, 8% poor, 23% fair, 47% good, 10% excellent. Spring wheat 77% headed, 62% 1999, 62% avg.; 35% turning color, 13% 1999, 18% avg.; 5% very poor, 10% poor, 17% fair, 44% good, 24% excellent. Alfalfa 93% 1st cutting, 89% 1999, 83% avg.; 6% 2nd cutting, 15% 1999, 9% avg.

DELAWARE: Days suitable for fieldwork 4.3. Topsoil 1% short, 90% adequate, 9% surplus. Subsoil moisture 1% short, 95% adequate, 4% surplus. Winter wheat 58% harvested, 43% 1999, 39% avg. Field corn 13% silken, 7% 1999, 4% avg. Sweet corn 83% planted, 99% 1999, 95% avg.; 5% harvested, 4% 1999, 3% avg. Cucumbers 82% planted, 58% 1999, 68% avg.; 12% harvested, 11% 1999, 9% avg. Soybeans 70% planted, 74% 1999, 73% avg.; 54% emerged, 63% 1999, 26% avg. Sorghum 8% fair, 85% good, 7% excellent; 88% planted, 91% 1999, 82% avg. Green peas 89% harvested, 73% 1999, 83% avg. Snap beans 85% planted, 84% 1999, 64% avg.; 9% harvested, 4% 1999, 8% avg. Lima beans 90% planted, 62% 1999, 55% avg. Pasture feed 2% poor, 8% fair, 85% good, 5% excellent. Corn 3% fair, 58% good, 39% excellent. Soybean 6% fair, 56% good, 38% excellent. Potatoes 10% harvested 7% 1999, 6% avg. Apple 8% fair, 83% good, 9% excellent. Peaches 8% fair, 82% good, 10% excellent. Hay supplies 18% short, 80% adequate, 2% surplus. Percent of cutting hay crop harvest; clover, other hays, 2nd cutting 50% cut, 33% 1999, 44% avg.; 3rd cutting 15% cut 25% 1999, and 9% avg. Alfalfa 2nd cutting 67% cut, 63% 1999, 53% avg.; 3rd cutting 30% cut, 11% 1999, 5% avg. Activities: Plenty of moisture plus warm temperatures pushed corn growth, development forward, with earliest plantings starting to silk. Soybeans planting, both full season/single crop, double crop behind barley, wheat, were active. Sweet corn harvest picked up toward end of week, plus snap beans; blueberry harvest continues, some limited quantities of early variety peaches, apples harvested.

FLORIDA: Warm, wet weather prevailed over much of Peninsula during week of June 25 through July 1. Highs were in 80s and 90s while lows were mostly in 70s. Rain greatly reduced the threat of wild fires in central areas. Rain amounts, major stations, ranged from about 1.00 in. to about

4.50 in. Moisture in State mostly very short to adequate. Farmers replanting poor stands of peanuts. Irrigated tobacco in good condition. Tobacco harvest active. Cotton stands fair to good. Irrigated sugarcane in good condition. Sand land sugarcane stressed by drought. Haying delayed due to lack of plant growth. Peanuts 29% pegged. Peanut 7% poor, 82% fair, 11% good. Tomato, watermelon harvesting virtually finished. Dade County growers harvesting okra with good supplies available over next two months. Rain everywhere, new citrus growth and some late bloom from recent moisture. New crops progressing well, some new foliage. Valencia harvest slowing, few grapefruit, Honey tangerines remain to be picked. Caretakers cutting cover crops, spraying, herbiciding, fertilizing, hedging, topping. Some burning of grove debris. Pasture feed 5% very poor, 40% poor, 45% fair, 10% good. Cattle 5% very poor, 30% poor, 50% fair, 15% good. Panhandle, north counties; pasture, cattle feeds poor to fair. Pastures improving, ponds extremely low; pastures recovering, few wells dry, most ponds, lakes dry. Ranchers fertilizing pastures. Central; pasture poor to good. Pastures, hayfields improving rapidly. Southwest; pasture feed fair to good. Pastures improving. Statewide, cattle, calves in poor to fair condition.

GEORGIA: Days suitable for field work 5.1. Soil moisture 20% very short, 34% short, 43% adequate, 3% surplus. Corn 71% dough, 71% 1999, 62% avg.; 34% dent; 32% 1999, 26% avg.; 7% mature, 5% 1999, 2% avg. Hay 24% very poor, 26% poor, 33% fair, 16% good, 1% excellent. Peanuts 81% blooming, 80% 1999, 86% avg. Sorghum 19% very poor, 30% poor, 36% fair, 14% good, 1% excellent; 88% planted, 95% 1999, 91% avg. Soybeans 94% planted, 95% 1999, 94% avg.; 81% emerged, 89% 1999, NA% avg.; 3% setting pods, 2% 1999, 1% avg. Tobacco 5% very poor, 16% poor, 40% fair, 36% good, 3% excellent; 13% harvested, 9% 1999, 13% avg. Watermelons 8% very poor, 10% poor, 44% fair, 32% good, 6% excellent; 70% harvested, 56% 1999, 50% avg. Apples 6% poor, 43% fair, 42% good, 9% excellent. Peaches 67% harvested, 43% 1999, 67% avg. Pecans 9% very poor, 25% poor, 44% fair, 21% good, 1% excellent. Scattered thunderstorms continued to bring much needed rain across the State. Soil moisture remained low. Farmers irrigated where possible. Most crops improved from the rains of the last two weeks. Wet conditions in isolated areas caused weed control problems. Producers applied fungicides, herbicides, crop regulators. Leafspot spraying began in peanuts. Sucker control was applied to tobacco. A few farmers planted late soybeans, grain sorghum. Pastures, hayfields improved. Cattlemen continued to feed hay, liquidate herds. Some abandoned corn fields were being grazed. Rain increased the possibility of further hay cutting. Other activities included: Spraying for disease, insect control in fruit, vegetables.

HAWAII: Weather conditions favorable for agriculture during week. Beneficial mixture of sunny to partly cloudy skies, light to moderate showers. Temperatures warming to daytime highs in the upper 80s. Most crops made fair to good progress. Pastures feeds were variable. Recent showers improved some pastures while others remained parched, dry. Banana, papaya harvesting remain active. Watermelon harvesting very active for holiday sales. Head cabbage in good to fair condition. Insect pressure increasing.

IDAHO: Days suitable for field work 6.8. Topsoil 16% very short, 29% short, 52% adequate, 3% surplus. Crops continue to be reported in good condition throughout the state. Northern areas reported heavy evening thundershowers last week. The 1st cutting of alfalfa hay is near completion. Irrigation supply 22% excellent, 41% good, 26% fair, 8% poor, 3% very poor. Oats headed 40%, 1999 50%. Dry Beans 100% emerged, 92% 1999, 94% avg. Cherries 30% harvested, 10% 1999, 29% avg. Potatoes 72% 12" high, 40% 1999, 49% avg.; closing 32% middles, 9% 1999, 17% avg. Alfalfa hay 1st cutting 90% harvested, 83% 1999, 77% avg.; 2nd 20% cutting harvested, 7% 1999, 4% avg. Winter wheat 95% headed, 85% 1999, 89% avg.; turning 28% color. Spring wheat 67% headed, 32% 1999, 38% avg.; 98% jointed; 87% booted; turning 5% color. Spring barley 64% headed, 35% 1999, 37% avg.; 99% jointed; 87% booted; 10% turning color. Activities: Preparing for grain harvest, irrigating, spraying weeds, monitoring for disease, pests.

ILLINOIS: DATA NOT AVAILABLE

INDIANA: Days suitable for fieldwork 3.7. Topsoil 3% short, 73% adequate, 24% surplus. Subsoil 3% very short, 14% short, 71% adequate, 12% surplus. Field activities slowed by rain, most areas. Pondering in low lying areas. Some replanting may be necessary in soybean fields. Corn growing rapidly, most fields waist high or taller. Precipitation averaged less than an inch in most areas to over 2 inches. Temperatures averaged 2E to 8E below normal. Soybean planting complete, except for double crop soybeans. Weeds in many soybean fields. Post herbicide applications remained difficult, wet conditions. Range, pasture 5% poor, 23% fair, 53% good, 19% excellent. Transplanting of tobacco virtually complete, 99% 1999, 82% avg. Second cutting alfalfa hay 20% complete, 39% 1999. Livestock in mostly good condition. Major activities: Harvesting winter wheat, planting double crop soybeans, cutting, baling hay, spraying, mowing pastures, cleaning up, equipment repair, scouting fields, hauling manure, feeding, caring for livestock.

IOWA: Days suitable for field work 3.8. Topsoil 6% very short, 16% short, 67% adequate, 11% surplus. Subsoil moisture 21% very short, 29% short, 46% adequate, 4% surplus. Across state producers report crops looking pretty good overall. Everything growing fast in fields, including weeds. Much needed rains welcomed by many farmers, although heavy rains flooded creeks, caused some erosion in central, southeastern state. Producers in western 3rd of state report groundwater supplies, ponds have still not been replenished; indicate that rains need to keep coming weekly. Corn 82% cultivated, 70% 1999, 69% avg. Corn 95% stand compared to normal. Corn height: tallest 62 inches; avg 48 inches. Corn 1% very poor, 6% poor, 20% fair, 46% good, 27% excellent. Soybeans 32% blooming, 9% 1999, 8% avg.; 1% very poor, 7% poor, 25% fair, 48% good, 19% excellent. Oats 99% headed, 99% 1999, 90% avg.; 64% turning, 43% 1999, 21% avg.; 1% very poor, 9% poor, 23% fair, 53% good, 14% excellent. Winter wheat 31% harvested, 6% poor, 24% fair, 52% good, 18% excellent. Range, pasture feed 8% very poor, 19% poor, 32% fair, 32% good, 9% excellent. Alfalfa 34% 2nd cutting, 14% 1999, 9% avg. Clover hay 90% 1st cutting, 73% 1999, 65% avg. Hay 3% very poor, 10% poor, 30% fair, 43% good, 14% excellent. Livestock generally in good condition. Producers in west central, south central, southeast state treating some cows, calves for pinkeye. Reporters in central, north central parts of state indicated cattle on pasture continue to enjoy excellent grazing conditions.

KANSAS: Days suitable for fieldwork 3.6. Topsoil 13% very short, 21% short, 52% adequate, 14% surplus. Subsoil moisture 9% very short, 29% short, 53% adequate, 9% surplus. Wheat harvest nears completion. Wheat 94% harvest, 33% 1999, 44% avg. Sorghum 98% emerged, 90% 1999. Sunflowers 96% planted, 90% 1999, 91% emergence, 3% poor, 33% fair, 61% good, 3% excellent. Alfalfa 73% 2nd cutting, 35% 1999, 44% avg. Range, Pasture feed 5% very poor, 16% poor, 32% fair, 39% good, 8% excellent.

KENTUCKY: Days suitable for fieldwork 3.6. Topsoil 1% very short, 10% short, 68% adequate, 21% surplus. Subsoil moisture 5% very short, 24% short, 61% adequate, 10% surplus. Rainfall occurred during the first half of the week and then was followed by drier weather. Cooler temperatures were also reported. Soybeans double crop 82% planted. Full season virtually complete, all soybeans 94% planted. Set tobacco 3% poor, 14% fair, 60% good, 23% excellent. Some disease, insects damage reported. Most common disease was blackshank. Tobacco height 32% under 12 in, 45% 12-24 in, 23% over 24 in. Wheat 87% harvested. Good yield, test. Good hay yields. Pasture 1% very poor, 6% poor, 26% fair, 53% good, 14% excellent.

LOUISIANA: Days suitable for fieldwork 4.6. Soil moisture 3% very short, 24% short, 67% adequate, 6% surplus. Corn 5% very poor, 7% poor, 20% fair, 63% good, 5% excellent; 99% silken, 98% 1999, 98% avg.; 68% dough stage, 67% 1999, 69% avg.; 21% mature, 2% 1999, 6% avg. Hay 92% 1st cutting, 94% 1999, 91% avg.; 21% final cutting, 3% 1999, 5% avg. Hay producers were harvesting, fertilizing. Peaches 62% harvested, 65% 1999, 60% avg. Soybeans 100% planted, 100% 1999, 98% avg.; 100% emerged, 100% 1999, 95% avg.; 19% setting pods, 7% 1999, 8% avg. Sorghum 100% emerged, 100% 1999, 100% avg. Sugarcane 8% poor, 25% fair, 37% good, 30% excellent. Sugarcane farmers were preparing rows. Sweet potatoes 98% planted, 98% 1999, 91% avg. Sweet potato harvest edged closer to completion. Livestock 1% very poor, 5% poor, 33% fair, 47% good, 14% excellent. Vegetables 3% very poor, 10% poor, 37% fair, 44% good, 6% excellent.

MARYLAND: Days suitable for fieldwork 4.4. Topsoil 1% Very short 5% short, 79% adequate, 15% surplus. Subsoil moisture 2% Very short, 9% Short 83% adequate, 6% surplus. Barley 94% harvested, 94% 1999, 86% avg. Rye 61% harvested, 58% 1999, 46% avg. Cucumbers 90% planted, 100% 1999, and 97% avg, 35% harvested, 26% 1999, 19% avg. Lima beans 65% planted, 100% 1999, 77% avg. Snap Beans 20% harvested 25% 1999, 16% avg. Soybeans 76% planted, 82% 1999, 79% avg.; 69% emerged, 74% 1999, 32% avg. Sorghum 20% fair, 42% good, 38% excellent, 88% planted, 94% 1999, 93% avg.; 5% headed, 0% 1999, 0% avg. Tobacco 2% poor, 11% fair, 77% good, 10% excellent. Potatoes 20% harvested, 21% 1999, 13% avg. Green peas 93% harvested, 100% 1999, 91% avg. Pasture feed 1% very poor, 2% poor, 12% fair, 65% good, 20% excellent. Corn 1% very poor, 1% poor, 7% fair, 57% good, 34% excellent. Soybean 3% poor, 15% fair, 63% good, 19% excellent. Apple 17% fair, 61% good, 22% excellent. Peach 12% fair, 64% good, 24% excellent. All hay supplies 2% short, 92% adequate, 6% Surplus. Percent of cutting hay crop harvest; 2nd cutting clover, other hays 35% cut, 44% 1999, 21% avg.; Alfalfa 42% 2nd cutting cut, 58% 1999, 45% avg. Activities: Persistent rains have decreased barley, wheat yields, quality, disease problems increased as a result of the wet weather.

MICHIGAN: Days suitable for fieldwork 5.0. Topsoil 0% very short, 5% short, 77% adequate, 18% surplus; subsoil 0% very short, 12% short, 72% adequate, 16% surplus. All Hay 2% very poor, 6% poor, 22% fair, 53% good, 17% excellent. All Hay 1st cutting 78%, 91% 1999, 87% avg.; 2nd

6% cutting, 6% 1999, 4% avg. Corn Height single 19 inches, 33 inches 1999, 25 inches avg. Drybeans 96% planted, 98% 1999, 91% avg.; 81% emerged, 95% 1999, 89% avg. Oats turning 16% yellow, 26% 1999, 13% avg. Soybeans 98% planted, 100% 1999, 99% avg.; 93% emerged, 100% 1999, 96% avg. Strawberries 98% harvested, 99% 1999, 75% avg. Winter Wheat 85% turning yellow, 94% 1999, 52% avg. Rain showers occurred daily or every other day across State last week. However, farmers able to cultivate, apply herbicides between rains. Across State, cool temperatures slowed crop development during week. Precipitation for week ranged from .17 inches Southeast to 2.42 inches Upper Peninsula. Growing degree days (GDD) remained slightly above average across State, with exception being Thumb which continued slightly below normal for season. Crop conditions vary widely across State depending on when planting occurred. Despite rain showers with cool temperatures, crops made progress when sun shone, temperatures warmed. Corn improved color most parts of State but remained yellow, purple some areas. Farmers cultivated corn fields across Lower Peninsula. Soybean planting virtually completed this week, start of blooming reported. Southwest, soybean condition depended on time of planting: early planted fields looked good; middle planted fields looked bad; late planted fields between. Wheat fields continued to turn yellow. Thumb, some wheat damaged by heavy rains. Hay producers frustrated Statewide by rain showers every other day causing poor drying conditions. Second cutting of hay got underway this week. Thumb, sugarbeet fields looking good, farmers cultivated their dry beans. Cabbage harvest intensified. Potatoes doing well bloom, forming tuber stages. Sweet corn harvest will get underway this week on early planted fields while most fields tasseling. Processing tomato vine growth filling rows. Market tomatoes had fruit near a mature green stage early fields. Pepper growth continued slow as fruit set beginning, some fields recovered from earlier wind damage. Cucumbers growing well. Summer squash, zucchini harvest continued. Snap bean harvest will get underway this week Southwest and growth rapid Montcalm County. Onions growing nicely. Carrots continued to progress with good growth. Pea harvest underway earlier than normal with good yields. Apples ranged from 1.5 to 2.0 inches diameter. Fire blight has done extensive damage some Southwest orchards. Tart cherry harvest underway Southwest, could start late this week West Central. Sweet cherry harvest continued Southwest, started West Central. Plum trees had 1.25 to 1.75 inch fruit, while peach trees had up to 2.0 inch fruit. Blueberries beginning to turn color. Strawberry harvest completed southern counties, will be completed soon central counties. Fall raspberry canes had green fruit, while summer raspberry harvest continued. Concord grapes had buckshot berries.

MINNESOTA: Days suitable for fieldwork 4.3. Topsoil 1% very short, 7% short, 72% adequate, 20% surplus. Spring Wheat 96% jointed, 96% 1999, 88% avg.; 1% turning ripe, 1% 1999, 0% avg. Oats 97% jointed, 96% 1999, 94% avg.; 5% turning ripe, 7% 1999, 4% avg. Barley 96% jointed, 93% 1999, 88% avg.; 1% turning ripe, 0% 1999, 0% avg. Corn 84% cultivated, 87% 1999, 85% avg.; 34 in. height, 35 in. 1999, 31 in. avg. Soybeans 60% cultivated, 56% 1999, 54% avg.; 10 in. height, 10 in. 1999, 10 in. avg. Alfalfa 94% 1st cutting, 96% 1999, 95% avg. Pasture feed 0% very poor, 3% poor, 24% fair, 61% good, 12% excellent. Warmer temperatures, less rain throughout the state helped corn, soybeans begin to recover from the extreme weather conditions earlier in the growing season. Field conditions vary drastically across the state. For example, in Norman county, flooding continues, a large number of acres have already been lost. By contrast, Pope county crops continue to be in good to excellent condition. From the West Central through East Central District, subsoil moisture remains short, so timely rains will be needed in the coming weeks.

MISSISSIPPI: Days suitable for fieldwork 4.0. Soil moisture, 5% very short, 25% short, 61% adequate, 9% surplus. Corn 90% silken, 93% 1999, 82% avg.; 3% very poor, 8% poor, 17% fair, 58% good, 14% excellent. Cotton 92% Squaring, 93% 1999, 88% avg.; 32% setting bolls, 33% 1999, 29% avg.; 1% very poor, 5% poor, 18% fair, 62% good, 14% excellent. Rice 3% headed, 7% 1999, 9% avg.; 2% very poor, 4% poor, 21% fair, 60% good, 13% excellent. Sorghum 33% heading, 40% 1999, 32% avg.; 1% very poor, 5% poor, 21% fair, 63% good, 10% excellent. Soybeans 61% blooming, 61% 1999, 42% avg.; 2% very poor, 5% poor, 17% fair, 62% good, 12% excellent. Wheat 6% poor, 21% fair, 49% good, Excellent 24%. Hay (warm-season) 43% harvested, 53% 1999, 50% avg.; 6 very poor, 11% poor, 29% fair, 44% good, 10% excellent. Blueberries 14% poor, 16% fair, 64% good, 6% excellent. Cattle 4% very poor, 9% poor, 25% fair, 50% good, 12% excellent. Pasture 15% very poor, 10% poor, 24% fair, 41% good, 10% excellent. Rain has restored soil moisture in some parts of the state. Insect pressure in soybeans continue to be a problem in some parts of the state.

MISSOURI: Days suitable for fieldwork 4.1. Topsoil 3% very short, 11% short, 72% adequate, 14% surplus. Subsoil moisture 14% very short, 35% short, 48% adequate, 3% surplus. The weekly precipitation averaged 1.02 inches. Monthly precipitation averaged 7.01 inches, about 3 inches above the 30-year avg 3.76 inches. Conditions of row crops showed only minor changes from the moderate to heavy rains throughout the State. Some crops along river bottoms were left standing in water after the rains. Hay and wheat harvesting was slowed by the wet weather. Wheat harvest 76% complete compared to both 52% 1999. normal. Continued wet weather

caused a decline in the quality of wheat remaining to be harvested. Double-crop soybeans planted 69%, compared to 42% 1999, 46% normal. Second crop alfalfa hay 62% cut, compared with 36% in 1999, 31% avg. Other hay cut 83% complete, 70% in 1999, 68% avg. Cotton setting bolls 10% complete, compared to 42% 1999, 16% normal. Pasture feeds 7% very poor, 19% poor, 42% fair, 28% good, 4% excellent.

MONTANA: Days suitable for fieldwork 6.7. Topsoil 31% very short, 51% short, 18% adequate, 0% surplus. Subsoil moisture 38% very short, 45% short, 17% adequate, 0% surplus. Oats 75% in boot, 52% 1999, 70% avg.; 50% headed, 29% 1999, 30% avg.; 11% very poor, 14% poor, 31% fair, 38% good, 6% excellent. Corn 0% very poor, 9% poor, 53% fair, 30% good, 8% excellent. Dry beans 0% very poor, 2% poor, 72% fair, 18% good, 8% excellent. Potatoes 98% emerged, 92% 1999, 96% avg.; 0% very poor, 0% poor, 12% fair, 46% good, 42% excellent. Sugar beets 0% very poor, 12% poor, 41% fair, 31% good, 16% excellent. Barley 67% in boot, 59% 1999, 71% avg. Spring wheat 76% in boot, 60% 1999, 76% avg. Winter wheat 45% turning, 19% 1999, 11% avg.; 0% ripe, 0% 1999, 0% avg. Alfalfa hay 57% 1st cutting, 41% 1999, 34% avg. Other hay 37% 1st cutting 26% 1999, 22% avg. In drought-stressed Central State, preliminary reports indicate that alfalfa hay yields are half of normal. Crops are maturing quickly with the warm weather, but more moisture is needed to maintain present conditions. Pest, disease problems are becoming numerous, producers are working to control them before yields are impacted. Canola is flowering at this time, and there are reports of a new pest in State, the cabbage seed pod weevil, on canola crops. This pest is normally found in Canada and Idaho, and its presence in Montana this year may be due to the mild winter. Barley thrips, the Russian Wheat Aphid are a problem this year earlier than normal, and this too is because of the mild winter, dry spring. The state's chickpea crop is expected to be impacted by ascochyta blight. Weather conditions have been favorable for its development, even resistant strains are being affected. The incidence of wheat streak mosaic virus is widespread across the northern part of the state, but severe infections are limited to winter wheat in drought-stressed areas. In some areas of the state, range, pasture feed is short due to poor grass conditions and low hay yields. Livestock water supplies continue to be a concern for ranchers in the Central, Southeastern parts of the state. Pasture, range feed indicate that 42% of the state's grazing lands are in poor or very poor shape.

NEBRASKA: Days suitable for fieldwork 5.7. Topsoil 35% very short, 30% short, 34% adequate, 1% surplus. Subsoil moisture supplies were rated mostly very short to short. Corn Temperatures for the week averaged 3 to 8° below normals. Precipitation occurred across state ranging from traces to over 2.75 inches. 6% very poor, 9% poor, 26% fair, 41% good, 18% excellent; 3% silken, 0% 1999, 0% avg. Soybeans 4% very poor, 11% poor, 30% fair, 42% good, 13% excellent; 17% bloomed, 4% 1999, 2% avg. Sorghum 6% very poor, 14% poor, 45% fair, 32% good, 3% excellent. Winter Wheat 14% very poor, 30% poor, 41% fair, 15% good; 76% ripe, 28% 1999, 18% avg.; 52% harvested, 1% 1999, 5% avg. Oats 23% very poor, 23% poor, 21% fair, 22% good, 11% excellent; headed 97%, 91% 1999, 94% avg.; 7% harvested for grain. Dry beans 4% very poor, 14% poor, 36% fair, 41% good, 5% excellent. Alfalfa 2nd cutting 39% harvested, 14% 1999, 7% avg.; 21% very poor, 27% poor, 29% fair, 21% good, 2% excellent. Wild hay 18% very poor, 29% poor, 37% fair, 15% good, 1% excellent. Pasture, range 30% very poor, 33% poor, 28% fair, 9% good. Some cattle moved off pastures, others receiving supplemental feed. Other producer activities included: Irrigating, harvesting hay, wheat, livestock care.

NEVADA: Temperatures dropped somewhat as the week progressed, falling to near normal by week's end. Light precipitation fell in the north as several thunder systems passed across the State. Lightning ignited several fires in northern state. water supplies short to adequate. Stream, creek flows diminishing. Crop condition ratings fair to excellent. Second cutting of alfalfa hay in full swing; third cutting underway south. Timothy, grass hay harvests continued. Winter wheat headed out, spring planted grain heading progressed. Onions, garlic in good condition. Potatoes doing well. Weed, insect control underway. Pasture, range feeds rated mostly fair to good, but drying. Limited livestock movement for range management. Main farm, ranch activities: Alfalfa, other hay harvest, irrigation, weed and insect control, gopher control.

NEW ENGLAND: Days suitable for fieldwork 6.0. Topsoil 3% short, 82% adequate, 15% surplus. Subsoil moisture 1% short, 83% adequate, 16% surplus. Pasture feed 3% fair, 47% good, 50% excellent. Maine potatoes 100% emerged, 100% 1999, 100% avg.; condition good. Rhode Island potatoes condition good. Massachusetts potatoes condition good to fair. Oats in Maine condition good. Barley in Maine condition good. Silage corn 95% planted, 100% 1999, 100% avg.; 90% emerged, 100% 1999, 100% avg.; condition good. Sweet corn 95% planted, 100% 1999, 100% avg.; 85% emerged, 95% 1999, 95% avg.; condition good. Shade tobacco condition good to fair. Broadleaf tobacco condition good to fair. First crop hay 65% harvested, 90% 1999, 75% avg.; condition good to fair. 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 good. Pears fruit set avg, fruit size avg, condition good. Strawberries: fruit

set avg to above avg, fruit size avg, condition good to fair; 55% harvested, 90% 1999, 70% avg. Cranberries condition good to fair. Highbush blueberries fruit set avg to above avg, fruit size avg, condition good to excellent. Wild Blueberries in Maine fruit set avg to above avg, fruit size avg to above avg, condition good to fair. Sunny, warm weather with scattered showers during the week. Major farm activities: Cultivating, topdressing, spraying herbicides, insecticides, fungicides, haying, picking strawberries, harvesting summer squash, greens, peas, lettuce, radishes.

NEW JERSEY: Days suitable for field work 5.6. Topsoil 8% short, 88% adequate, 4% surplus. Wet fields prevented planting, cultivating in some areas. Corn 99% planted, 7% fair, 90% good, 3% excellent. Soybeans 80% planted, Double crop soybean planting will begin when small grain harvest is complete. Clear skies, warm temperatures provided excellent harvest conditions for wheat, barley. Leaf spot from spring black stem fungus was reported in some alfalfa fields while mowing the second cutting. Irrigation usage was up due to heat, sporadic rainfall. Sweet corn crop condition was rated mostly good. Fungus sprays were applied to peach, apple trees. Some snap bean fields were planted due to poor germination rates. Tomato plants were flowering as crop in most localities responded positively to warm, dry weather conditions. Reporters indicated blueberry crop has favorable yields, excellent quality.

NEW MEXICO: Days suitable for field work 4.9. Topsoil 21% very short, 38% short, 29% adequate, 12% surplus. A steady supply of moisture combined with some atmospheric disturbances resulted in widespread precipitation during the week. All but one station received at least a trace of precipitation. The rain cooled air resulted in temperatures a few degrees below normal at most locations. General rains are still needed to relieve the drought conditions in areas of the State, but as one reporter said, "Green is a pretty color when it's in a pasture. Harvesting, irrigating, cultivating, weed control were the main farm activities during the week. Onions were in mostly good condition with 70% of the crop harvested. Chile condition improved during the week, is reported to have mostly an average pod set. The wheat crop was virtually complete by week's end. Alfalfa was in mostly good to excellent condition. The 2nd 85% cutting, the third cutting was progressing well across the southern part of the State. Cotton was in mostly fair to excellent condition with 75% squaring. Ranchers have been able to cut back on supplemental feeding, hauling water to livestock. Both cattle and sheep improved marginally during the week. Pasture, range feed 14% very poor, 36% poor, 37% fair, 13% good.

NEW YORK: Days suitable 3.9. Soil moisture 32% adequate, 68% surplus. Pasture feed 7% fair, 50% good, 43% excellent. Hay 15% poor, 46% fair, 31% good, 8% excellent. Oat 25% fair, 75% good. Wheat 17% fair, 83% good. Corn 88% planted, 100% 1999, 100% avg. Alfalfa 62 1st cutting % complete, 94% 1999, 88% avg. Clover-timothy 49% harvested, 85% 1999, 80% avg. Grass silage 76% harvested, 96% 1999, 90% avg. Dry bean planting in high gear. Soybean planting nearing completion. Finger Lakes grapes in excellent condition, set variable. Overall crop potential good.

NORTH CAROLINA: Days suitable for field work 4.7 compared to 5.2 the previous week. Soil moisture 6% very short, 20% short, 61% adequate, 13% surplus. The last week of June brought typical warm to hot summer weather with afternoon thundershowers spawning off in isolated areas. A high pressure system moved through the State during the middle of the week dumping significant rainfall throughout a large portion of the Mountain, Piedmont regions. Behind the front were milder temperatures, lower humidity which made for a very comfortable weekend. Areas that received precipitation improved Major gains were made in the small grain harvest which are a few days ahead of their five-year averages. Significant progress was made in the Irish potato harvest, while sweetpotato transplanting continues to increase modestly. Other activities included: Soybean, sorghum planting, burley tobacco setting, continued hay cutting, pest management for all crops.

NORTH DAKOTA: Days suitable for field work 6. Topsoil 2% very short, 8% short, 79% adequate, 11% surplus. Subsoil moisture 3% very short, 11% short, 79% adequate, 7% surplus. Hot, dry weather in the southwest resulted in crop stress, while either rain or past flooding in the east caused concern for disease, crop death. Durum wheat 77% jointing, beyond, 53% 1999, 58% avg.; 43% boot, beyond, 21% 1999, 29% avg.; 20% heading, beyond, 9% 1999, 11% avg.; 2% milk, beyond, 1% 1999, 1% avg. Canola 97% rosette, 84% 1999; 62% blooming, beyond, 48% 1999. Potatoes 5% blooming, beyond, 9% 1999, 9% avg. Sunflowers 0% blooming, beyond, 1% 1999, 0% avg. Emerged crop Durum wheat 1% very poor, 3% poor, 24% fair, 60% good, 12% excellent. Canola 2% very poor, 6% poor, 16% fair, 54% good, 22% excellent. Dry edible beans 12% very poor, 15% poor, 21% fair, 45% good, 7% excellent. Flaxseed 2% very poor, 4% poor, 17% fair, 59% good, 18% excellent. Potatoes 15% very poor, 17% poor, 21% fair, 41% good, 6% excellent. Soybeans 9% very poor, 12% poor, 19% fair, 52% good, 8% excellent. Sugarbeets 6% very poor, 12% poor, 25% fair, 46% good, 11% excellent. Sunflower 2% very poor, 6% poor, 18% fair, 61% good, 13% excellent. Broad leaf, wild oat 93% spraying, 97% complete respectively. Pasture, range feeds 2% very poor, 7% poor,

30% fair, 52% good, 9% excellent. Stockwater supplies 1% very short, 6% short, 87% adequate, 6% surplus. Hay 84% of normal. Alfalfa 1st, 57% 2nd cutting, 1% complete respectively, while other hay 26% complete.

OHIO: Days suitable for fieldwork 4.1 days. Topsoil 0% very short, 3% short, 69% adequate, 28% surplus. Alfalfa hay 93% 1st cutting, 100% 1999, 94% avg. Alfalfa hay 2nd 21%; 47% 1999, 18% avg. Oats headed 95%, 98% 1999, 85% avg.; 5% ripe; 12% 1999; 27% avg. Other hay 86% 1st cutting, 100% 1999, 86% avg.; 2nd 7% cutting, 20% 1999, 9% avg. Soybeans 95% emerged, 100% 1999, 92% avg.; 12% blooming, 21% 1999, 6% avg. Strawberries 97% harvested, 99% 1999, 88% avg. Winter wheat 81% ripe, 76% 1999, 40% avg. Winter wheat 16% harvested, 16% 1999, 8% avg. Corn 2% very poor, 6% poor, 21% fair, 47% good, 24% excellent. Hay 3% very poor, 8% poor, 27% fair, 50% good, 12% excellent. Oats 0% very poor, 5% poor, 23% fair, 61% good, 11% excellent. Pasture 1% very poor, 6% poor, 25% fair, 54% good, 14% excellent. Soybeans 5% very poor, 13% poor, 33% fair, 40% good, 9% excellent. Winter wheat 0% very poor, 3% poor, 18% fair, 54% good, 25% excellent. Activities for the week included: Harvesting wheat, barley; hoeing tomato, pepper fields; lining pickle vines; mowing ditches; spraying crops; replanting soybeans, corn; making hay; chopping silage; certifying crops; repairing equipment, buildings; mowing waterways, farm lots; spreading manure; spraying orchards; scouting fields for insects, disease; picking strawberries, blackberries, harvesting sweet corn, cabbage, zucchini, other vegetables; shearing Christmas trees. Reported weed pressures included Canadian thistle, ragweed, foxtail, lambsquarter, hemp dogbane, velvet leaf, nut grass, ironweed, multiflora rose, johnsongrass. Reported insects were black cutworms, European corn borer in corn, bean leaf beetles, slugs, spittle bugs, wire worms, 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, canker, early blight on tomatoes; spring black stem in alfalfa. Fruit, vegetable crops were reported in mostly good condition throughout the state with the exception of excessive moisture causing rotting problems. In Washington county, producers are picking sweet corn; some pumpkins are beginning to vine. In Champaign county, sweet corn is tassling, silking. In the Northwest, North Central, Northeast districts many farmers will not plant up to 30% of intended soybean acres due to too much rain. Replanting of crops has been attempted but wet fields are causing poor stands, high weed population. Livestock conditions are mostly good except for too many flies due to wet weather. In Muskingum county, cattle are in good condition but there are reports of a poor calf crop due to the heat, drought of 1999.

OKLAHOMA: Days suitable for fieldwork 2.1. Topsoil 2% short, 68% adequate, 30% surplus. Subsoil moisture 8% short, 77% adequate, 15% surplus. Wheat 49% plowed, 46% last week, 28% 1999, 41% avg. Oats 75% harvested, 70% last week, 77% 1999, 78% avg.; 31% plowed, 28% last week, 20% 1999, 32% avg. Corn 6% fair, 78% good, 16% excellent, 13% silking, 12% last week, 18% 1999, 28% avg.; 4% dough, n/a last week, 6% 1999, 6% avg. Sorghum 87% planted, 78% last week, 89% 1999, 90% avg.; 80% emerged, 57% last week, 72% 1999, 75% avg; Soybeans 1% very poor, 1% poor, 24% fair, 61% good, 13% excellent, 85% planted, 85% last week, 67% 1999, 84% avg.; 77% emerged, 75% last week, 52% 1999, 69% avg.; 3% blooming, 2% last week, 8% 1999, 11% avg. Peanuts 0% setting pods, n/a last week, 4% 1999, 5% avg.; Cotton 100% emerged, 96% last week, 100% 1999, 96% avg. Alfalfa Hay 4% poor, 21% fair, 63% good, 12% excellent, 72% second cutting, 63% last week, 69% 1999, 73% avg; 8% 3rd cutting, n/a last week, 10% 1999, 13% avg. Other Hay 2% poor, 19% fair, 60% good, 19% excellent; 75% 1st cutting, 75% last week, 73% 1999, 72% avg. 7% 2nd cutting, 4% last week, 7% 1999, 7% avg; Watermelons 61% setting fruit, 40% last week, 52% 1999, 57% avg. Livestock 1% poor, 7% fair, 73% good, 19% excellent; Cattle marketings near avg. Feeder cattle prices are steady.

OREGON: Days suitable for fieldwork 7. Topsoil 53% short, 47% adequate. Subsoil 43% short, 57% adequate. Barley 90% headed, 5% poor, 38% fair, 33% good, 24% excellent. Winter wheat 1% poor, 49% fair, 38% good, 12% excellent. Range, pasture 18% fair, 70% good, 12% excellent. Activities: Haying continues state wide. In Willamette Valley, grass seed swathing is underway on meadow foom, orchardgrass, fine fescue, early tall fescue fields. Grain crops turning color, field corn irrigation continued. In Rogue River Valley, 2nd cutting of alfalfa underway, grain nearing maturity. On south coast grass silage harvest completed, first cutting of grass hay winding down. In Mid-Columbia basin barley harvest started in areas with shallow soil, low rain. Some late rye rouging in spring wheat fields. Farmers getting combines ready for harvest. In Kalamath basin sugarbeets emerged, 2% of rows closed. Nurseries, greenhouses all doing irrigation with high 90^o days early in week. Easter lily growers preparing beds for late summer planting; producing beds undergoing routine maintenance. Greenhouses starting to gear up for fall sales of pansies, mums. Vegetable growers in eastern state continued watering during seasonably hot weather. Potatoes reported emerged with about 1% of rows closed. In north Willamette Valley, processing vegetables looked good, right on schedule. Fresh market vegetables reported in all stages from planting through harvest. Green pea harvest winding down with good yields, quality reported.

Onions growing well & sweet corn growth closing rows. Table beets doing well, tomatoes sizing. In Jackson County, cucumber, squash reported growing well, sweet corn showing tassels. Harvest of Bing cherries for fresh market got underway in Wasco county. Briner cherries harvested in Hood River county. Cherry harvest continued in other growing districts. Strawberry harvest passed its peak in Willamette Valley. Raspberry, blueberry picking continued. Other berries & hazelnuts continued to size. Jackson county pears growing well; second cover spray completed. In Coos & Curry counties, cranberry bloom ended in Stevens beds & continued in McFarlin beds. Livestock condition continued mostly good to excellent. Some cattle in poor condition in southern Malheur county. Range & pasture conditions continued to dry across most of state under much warmer, drier weather. Pasture output slowed considerably in northern Willamette Valley, except on irrigated pastures. Southeastern ranges drying up rapidly, except at higher elevations.

PENNSYLVANIA: Days suitable for field work 4.1. Soil moisture 6% short, 70% adequate, 24% surplus. Corn height 31 in., 26 in. 1999, 24 in. avg. Oats 95% heading or headed, 88% 1999, 80% avg.; 20% turning yellow, 32% 1999, 21% avg. Barley 95% turning yellow, 96% 1999, 95% avg.; 85% turning ripe, 81% 1999, 80% avg.; 77% harvested, 74% 1999, 61% avg. Wheat 92% turning yellow, 94% 1999, 85% avg.; 38% turning ripe, 60% 1999, 32% avg.; 6% harvested, 8% 1999, 7% avg.; 1% very poor, 4% poor, 26% fair, 61% good, 8% excellent. Oat crop 3% poor, 19% fair, 63% good, 15% excellent. Alfalfa 1st 89% cutting, 99% 1999, 89% avg.; 27% 2nd cutting, 55% 1999, 31% avg. Timothy clover 64% 1st cutting, 90% 1999, 70% avg. Quality of hay 4% very poor, 26% poor, 33% fair, 33% good, 4% excellent. Activities include: Planting corn, soybeans, vegetables; harvesting barley, winter wheat; fixing fences; machinery maintenance; spreading lime, fertilizers; hauling manure; caring for livestock; cutting hay; transplanting tobacco; making hay, haylage; applying pesticides.

SOUTH CAROLINA: Days suitable for field work 6.1. Soil moisture 22% very short, 33% short, 45% adequate. Rain, Flood, Hail Damage 84% none, 6% light, 9% moderate, 1% heavy. Apples 20% poor, 65% fair, 15% good. Cantaloups 67% harvested, 51% 1999, 60% avg; 15% poor, 56% fair, 29% good. Corn 92% tasseled, 83% 1999, 87% avg; 50% doughed, 28% 1999, 41% avg; 10% matured, 2% 1999, 10% avg; 20% very poor, 23% poor, 26% fair, 30% good, 1% excellent. Cotton 64% squared, 55% 1999, 60% avg; 14% bolls set, 6% 1999, 11% avg; 5% very poor, 11% poor 24% fair, 51% good, and 9% excellent. Cucumbers 98% harvested, 93% 1999, 75% avg. Oats 100% harvested, 96% 1999, 98% avg. Peaches 44% harvested, 38% 1999, 35% avg; 14% poor, 20% fair, 48% good, 18% excellent. Peanuts 27% pegged, 30% 1999, 28% avg; 3% very poor, 13% poor, 63% fair, 19% good, 2% excellent. Rye 99% harvested, 99% 1999, 97% avg. Snap beans 77% harvested, 69% 1999, 55% avg; 10% poor, 20% fair, 70% good. Sorghum 97% planted, 97% 1999, 89% avg; 45% headed, 49% 1999, 41% avg; 15% turned color, 14% 1999, 18% avg; 15% very poor, 25% poor, 50% fair, 10% good. Soybeans 95% planted, 92% 1999, 92% avg; 85% emerged, 80% 1999, 80% avg; 14% bloomed, 6% 1999, 8% avg; 4% very poor, 11% poor, 27% fair, 52% good, 6% excellent. Sweetpotatoes 99% planted, 99% 1999, 93% avg; 4% poor, 31% fair, 65% good. Tobacco 67% topped, 43% 1999, 54% avg; 5% poor, 18% fair, 72% good, 5% excellent. Tomatoes 80% harvested, 74% 1999, 67% avg; 5% very poor, 6% poor, 17% fair, 72% good. Watermelons 57% harvested, 43% 1999, 50% avg; 8% very poor, 19% poor, 45% fair, 28% good. Winter wheat 100% harvested, 99% 1999, 95% avg. Other Hay 42% harvested, NA 1999, NA avg; 12% very poor, 33% poor, 23% fair, 31% good, 1% excellent. Livestock 1% very poor, 6% poor, 32% fair, 45% good, 16% excellent.

SOUTH DAKOTA: Days suitable for field work 5.3. Topsoil 3% very short, 20% short, 74% adequate, 3% surplus. Subsoil moisture 7% very short, 25% short, 62% adequate, 6% surplus. Feed supplies 1% very short, 4% short, 83% adequate, 12% surplus. Stock water 4% very short, 13% short, 75% adequate, 8% surplus. Winter Rye 5% poor, 11% fair, 54% good, 30% excellent. 71% turning color, 36% 1999, 26% avg. Winter Rye ripe 11%, 0% 1999, 6% avg.; 83% turning color, 69% 1999, 41% avg.; 14%, 4% 1999, 5% avg. Spring Wheat 98% boot, 94% 1999, 83% avg.; 9% turning color, 21% 1999, 11% avg. Barley 99% boot, 92% 1999, 81% avg.; 17% turning color, 14% 1999, 12% avg. Oats 96% boot, 88% 1999, 82% avg.; 24% turning color, 12% 1999, 7% avg.; 2% ripe, 0% 1999, 0% avg. Corn 2% tassled, 0% 1999, 1% avg. Avg corn height 27 inches, 23 inches 1999, 20 inches avg. Corn 88% cultivated once, 69% 1999, 71% avg.; 40% cultivated twice, 19% 1999, 19% avg. Sunflowers 2% poor, 21% fair, 62% good, 15% excellent. 0%, blooming 0% 1999, 3% avg. Alfalfa hay 5% very poor, 12% poor, 28% fair, 46% good, 9% excellent. 1st 90% cutting harvested, 79% 1999, 76% avg.; 2nd 14% cutting harvested, 9% 1999, 5% avg. Other hay 48% harvested, 36% 1999, 30% avg. Range, Pasture 2% very poor, 4% poor, 19% fair, 59% good, 16% excellent. Cattle 6% fair, 69% good, 25% excellent. Sheep 2% fair, 61% good, 37% excellent. Moderate temperatures, modest rains have been beneficial, but soil moisture, water supplies are a concern to producers. Crops are reported in good condition, but this varies with reports of hail damage. Crop progress is ahead of the five-year avg, 1999.

TENNESSEE: Days suitable for fieldwork 5. Topsoil 2% very short, 17% short, 74% adequate, 7% surplus. Subsoil moisture 2% very short, 23% short, 70% adequate, 5% surplus. Tobacco 9% poor, 30% fair, 52% good, 9% excellent. Wheat 94% harvested, 99% 1999, 90% avg. Pastures 1% very poor, 7% poor, 31% fair, 54% good, 7% excellent. Alfalfa 43% 2nd cutting, 30% 1999, 40% avg.; 6% poor, 31% fair, 52% good, 11% excellent. Rain showers continued to blanket the State as a cold front pushed through the western half of state early in the week, the eastern half of the State by Thursday morning. The moisture, coupled with the cooler temperatures, was a welcome sight for areas where corn is in the silking stage, where double crop soybeans are emerging, but hampered areas still harvesting wheat, planting soybeans. Second cutting of alfalfa hay is underway. A warming trend had begun by the weekend as temperatures rebounded to the upper 80's, lower 90's.

TEXAS: Spotted rain showers crossed the Plains, portions of North Central State during mid week. Some hail damage occurred in isolated locations, but generally growing conditions continued to improve as some of the drier areas of the Plains received considerable accumulations. In the few areas where cotton had already failed this season, some producers were planting sunflowers, or sorghum. The Trans Pecos area, South State remained dry, available soil moisture was short. In the wetter areas of the state plant disease continued to be a problem for some producers, some haying operations remained on hold as fields continued to dry out. Grasshopper populations continued to increase, army worms continued to pose a threat to row crops, range and pastures. Field Crops Small Grains: Recent rains continued to delay harvest of remaining small grains in some locations, sprouting in the head was a problem for some producers in these areas. Yields have been variable across the State. Oats 88% harvested, 88% 1999, 83% avg. Sunflowers 99% planted, 87% 1999, 81% avg. Corn: Corn continued to progress well in most areas. Recent rains continued to improve the condition of dryland corn, allowed for some relief from irrigation for a time. Hot dry conditions accelerated maturity in southern areas. High winds, isolated hail continued to damage some fields in some areas. Statewide corn 85% of normal compared with 87% 1999. Corn dough 57% published, 54% 1999, 47% avg. Corn 40% dented published, 38% 1999, 27% avg. Corn mature 11% published, 9% 1999, 3% avg. Cotton: Cotton planting ended across the plains. Rain, wind, hail caused damage in some areas, some cotton was suffering from standing water. Thrips, grasshoppers continued to cause damage to young plants, boll weevil pressure increased in some locations. Statewide cotton conditions 78% of normal compared with 63% 1999. Cotton bolls opening published 3%, 3% 1999, 2% avg. Rice: Flooding of fields continued. Some producers continued to apply nitrogen. Army worms continued to be an increasing problem in some fields. State wide rice 94% of normal compared with 88% 1999. Rice headed 59% published, 51% 1999, 33% average. Sorghum: Planting neared completion 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 continued to improve dryland sorghum. Statewide sorghum 79% of normal compared with 80% 1999. Sorghum turning 39% color published, 34% 1999, 37% average. Sorghum mature 28% published, 22% 1999, 19% average. Sorghum 20% harvested published, 14% 1999, 6% average. Peanuts continued to progress well across the Plains, while land preparation, planting neared completion in southern, central areas. Grasshoppers remained an increasing problem in some areas. Producers began to apply fungicides in areas where leaf spot was evident. Statewide peanut 87% of normal compared with 82% 1999. Soybeans: Planting of remaining soybeans was completed. Plants continued to progress well in eastern and 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. Soybeans 100% planted published, 98% 1999, 96% avg. Commercial Vegetables, Fruit, Pecans In the Rio Grande Valley, watermelon, cantaloup harvest continued. Harvest of most other crops slowed. Soil moisture levels remained favorable in most areas. In the San Antonio-Winter Garden, harvest of summer vegetables, melons continued, while green beans and peas continued to progress. Chili peppers continued to make good progress. In East State, harvest neared completion for onions, cauliflower, but was somewhat slowed from wet conditions. Disease, insect problems continued. In the 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 ended in southern areas but continued in eastern areas. Some leaf diseases were active as a result of the wet conditions. Pecans: Spraying for second generation case bearers continued. Recent rains helped nutlet development. Range, Livestock: Recent moisture continued to aid pasture recovery across the state, but recovery has been slow. Some locations remained extremely dry, cattle movement, 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, 37% short, 38% adequate. Subsoil moisture 23% very short, 35% short, 42% adequate. Pasture, range feed 8% very poor, 25% poor, 37% fair, 30% good. Alfalfa hay 2nd cutting 13%, 1% 1999, 6% avg. Other hay cut 46%, 43% 1999, 35% avg. Corn height 26 inches, 18 inches 1999, 19

inches avg. Winter wheat 94% headed, 98% 1999, 98% avg. Oats 63% headed, 51% 1999, 52% avg. Barley 87% headed, 84% 1999, 81% avg. Spring wheat 85% headed, 86% 1999, 81% avg. Oats harvested 17% for hay or silage, 11% 1999, 14% avg. Apricots 26% harvested, 9% avg. Sweet cherries 71% picked, 10% 1999, 17% avg. Tart cherries 5% picked, 3% avg. Irrigation water supplies 10% very short, 36% short, 54% adequate. Stock water supplies 6% very short, 23% short, 71% adequate. Major farm, ranch activities included: irrigating crops, harvesting fruit and alfalfa 2nd cutting. Hot dry weather continues to be a problem for ranchers as rangeland dries up, irrigation supplies dwindle. Crops, ranges are dry; rain is badly needed. Most crops are maturing earlier than normal. Crops are consistently ahead of past years throughout the state.

VIRGINIA: Days suitable for fieldwork 3.4. Topsoil 1% short, 66% adequate, 33% surplus. Subsoil moisture 4% very short, 11% short, 68% adequate, 17% surplus. Pastures 3% poor, 16% fair, 64% good, 17% excellent. Livestock 1% poor, 5% fair, 78% good, 16% excellent. Other Hay 3% poor, 21% fair, 65% good, 11% excellent. Alfalfa Hay 1% poor, 11% fair, 62% good, 26% excellent. Corn for Grain 1% poor, 7% fair, 60% good, 32% excellent. Corn for Grain 100% emerged, 97% 1999, 59% 5-yr avg. Corn for Grain 31% Silken, 15% 1999, 10% 5-yr avg. Soybeans 2% poor, 10% fair, 72% good, 16% excellent. Soybeans 81% planted, 66% 1999, 70% 5-yr avg. Soybeans 70% emerged, 55% 1999, 25% 5-yr avg. Winter Wheat 70% harvested, 57% 1999, 50% 5-yr avg. Barley 87% harvested, 95% 1999, 84% 5-yr avg. Flue-cured tobacco 11% fair, 70% good, 19% excellent. Burley tobacco 25% fair, 64% good, 6% excellent. Dark Fire-cured tobacco 14% fair, 69% good, 17% excellent. Sun tobacco 20% fair, 80% good. Peanuts 6% fair, 70% good, 24% excellent. Peanuts 11% pegged, 26% 1999, 22% 5-yr avg. Cotton 5% poor, 20% fair, 63% good, 12% excellent. Cotton 68% squaring, 56% 1999, 54% 5-yr avg. Summer Potatoes 1% very poor, 13% poor, 18% fair, 63% good, 5% excellent. Summer Potatoes 17% harvested, 17% 1999, 12% 5-yr avg. Apples 10% fair, 68% good, 22% excellent. Peaches 28% very poor, 1% poor, 12% fair, 58% good, 1% excellent. All localities in the state received rain last week with some receiving more than adequate amounts of rain while others delaying harvests due to the rain. Other activities for the week included: Peanut, cotton herbicide treatments, nitrogen applications to cotton, applying insecticides to tobacco.

WASHINGTON: Days suitable for fieldwork 6.92. Topsoil 2% very short, 22% short, 73% adequate, 3% surplus. Subsoil moisture 45% short, 53% adequate, 2% surplus. Winter wheat dryland 5% poor, 18% fair, 59% good, 18% excellent; irrigated 95% good, 5% excellent. Headed 100%, 100% 1999, 100% Avg. Winter wheat was progressing well with the hot weather. Preparation for harvest was underway. Spring wheat, dryland 2% poor, 33% fair, 56% good, 9% excellent; irrigated, 100% good. Headed 82%, 82% 1999, 81% avg. Barley, dryland 1% poor, 34% fair, 55% good, 10% excellent; irrigated 100% good. Headed 85%, 78% 1999, 85% avg. Spring cereal grains improved with the hot weather were nearing the end of the heading stage. Potatoes, 3% fair, 95% good, and 2% excellent. Alfalfa hay 1st cutting, 97%, 100% 1999, 93% avg.; 2nd cutting 50%, 50% 1999, 38% avg. Hay, roughage, 88% adequate, 12% surplus. Range, Pasture 14% poor, 50% fair, 36% good. The potato harvest was expected to start some time next week. Broccoli harvest was underway. Carrots were starting to be harvested. Berries, fruit development looked to be normal for this time of year. Pumpkins and squash were experiencing some difficulty due to the wet spring and early summer. Cherry harvested continued, apple thinning was underway. Grass hay harvest looked to be excellent as did the first, second cutting of alfalfa. Pasture feeds were favorable as well. Dairymen continued making liquid manure applications to forage fields. Christmas tree growers started top work for noble firs. The range fire that occurred in Benton County had caused little crop damage.

WEST VIRGINIA: Days suitable for fieldwork 4.5. Topsoil 2% very short, 10% short, 85% adequate, 3% surplus. Dry weather in the latter part of the week enabled farmers to cut hay. Wheat 40% fair, 60% good, 35% harvested, 50% 1999, 26% 5-yr avg. Hay 5% poor, 25% fair, 60% good, 10% excellent; 1st cut 80%, 93% 1999, 81% 5-yr avg.; 2nd cut 5%, 11% 1999, 6% 5-yr avg. Corn 20% fair, 77% good, 3% excellent.; 10% silken, 6% 1999, 2% 5-yr avg. Soybean 22% fair, 77% good, 1% excellent. Oats 30% fair, 65% good, 5% excellent; Oats 85% headed, 88% 1999. Tobacco 25% fair, 75% good. Apple 70% fair, 15% good, 15% excellent. Peach 100% fair. Cattle 15% fair, 80% good, 5% excellent. Sheep 13% fair, 82% good, 5% excellent.

WISCONSIN: Days suitable for fieldwork 4.4. Soil moisture: 0% very short, 1% short, 71% adequate, 28% surplus. Temperatures were somewhat cool last week, as crops still need more heat and dry weather. Some wet spots were causing problems, extra moisture has kept many workers out of the fields. Some beans were yellow, stands have begun to thin due to the wet conditions. The small grains are standing tall and looking green, healthy. First cutting of hay: 93% 2000,

94% 1999, 89% 5-year avg. Some farmers are still struggling to get the last of the first crop in, due to wet fields. Second crop looks lush and healthy. Winter wheat: 0% very poor, 1% poor, 24% fair, 55% good, 20% excellent. Pasture feed 1% very poor, 2% poor, 12% fair, 62% good, 23% excellent. Peas are at maturity and being harvested. Potatoes are blossoming, most stands look good.

WYOMING: Days suitable for fieldwork 6.5. Topsoil 12% very short, 64% short, 24% adequate. Subsoil moisture 5% very short, 63% short, 32% adequate. Barley 81% boot, 80% 1999, 85% avg.; 62% headed, 62% 1999, 63% avg.; turning 10% color, 6% 1999, 9% avg. Barley 2% very poor, 5% poor, 34% fair, 45% good, 14% excellent. Oats 87% jointed, 87% 1999, 92% avg.; 60% boot, 58% 1999, 68% avg.; headed 26%, 28% 1999, 36% avg. Oats 1% very poor, 8% poor, 41% fair, 44% good, 6% excellent. Spring 90% wheat boot, 72% 1999, 70% avg.; headed 20%, 54% 1999, 45% avg.; turning color 2%, 4% 1999, 9% avg. Spring wheat condition 2% very poor, 17% poor, 39% fair, 37% good, 5% excellent. Winter wheat turning color 92%, 70% 1999, 55% avg.; mature 19%, 11% 1999, 5% avg. Winter wheat condition 34% very poor, 36% poor, 17% fair, 13% good. Corn average height 18 inches, 21 inches 1999, 19 inches avg. Corn 3% poor, 5% fair, 88% good, 4% excellent. Dry beans bloom 4%, 2% 1999, 3% avg. Dry beans 1% poor, 16% fair, 74% good, 9% excellent. Sugarbeets 2% very poor, 3% poor, 16% fair, 54% good, 25% excellent. Alfalfa 1st cutting 58%, 51% 1999, 45% avg. Other hay harvested 21%, 19% 1999, 20% avg. Range, pasture feed 6% very poor, 13% poor, 47% fair, 34% good. Livestock moved to summer ranges: cattle 92%, sheep 85%. Livestock in mostly good condition. Stock water supplies 12% very short, 36% short, 52% adequate.

International Weather and Crop Summary

June 25 - July 1, 2000

HIGHLIGHTS

EUROPE: Dry weather spurred winter grain maturation and harvesting, while cooler weather reduced heat stress on summer crops.

FSU-WESTERN: Light to moderate showers continued to improve growing conditions for drought-stressed crops in Ukraine, and maintained adequate moisture for winter grain and spring-sown crop development in Russia.

FSU-NEW LANDS: Variable showers in Russia and Kazakstan maintained adequate moisture for spring grains in the jointing stage.

EASTERN ASIA: Showers continued to improve growing conditions for summer crops across most of the North China Plain, but more rain is needed in Manchuria.

SOUTH AMERICA: In southern Brazil, widespread rain boosted soil moisture for winter wheat, while summer crop harvesting and winter wheat planting progressed in central Argentina.

AUSTRALIA: Continuing showers boosted winter crop prospects in Western Australia and the southeast.

SOUTH ASIA: Monsoon showers intensified over southern India, increasing moisture reserves for rice and other summer crops.

SOUTHEAST ASIA: Widespread showers maintained adequate moisture supplies for main-season crops across Indochina and the Philippines, but slowed fieldwork.

CANADA: Cool, showery weather lingered across the Prairies, slowing development of spring grains and oilseeds.

MEXICO: Seasonal showers diminished across the southern plateau Corn Belt, but moisture supplies remained adequate for corn development.

June 2000

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

*** DATA NOT AVAILABLE

COUNTRY	CITY	TEMPERATURE (C)						PRECIPITATION (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL	DPART F/NRM
NORWAY	OSLO	17	8	25	3	13	-1.3	54	-20
SWEDEN	STOCKHOLM	19	10	26	3	14	-1.1	0	-47
FINLAN	HELSINKI	19	10	28	5	14	-0.5	72	28
UKINGD	ABERDEEN	15	8	20	0	11	-0.7	28	-25
	MANCHESTER	19	11	29	7	15	0.8	80	14
	NOTTINGHAM	19	11	31	6	15	0.1	26	-11
	SOUTHAMPTON	20	13	27	9	16	0.6	17	-27
IRELAN	DUBLIN	17	10	26	5	13	-0.1	32	-24
ICELAN	REYKJAVIK	12	7	19	2	10	1.0	52	2
DENMAR	COPENHAGEN	18	10	30	6	14	-1.4	49	2
LUXEMB	LUXEMBOURG	23	12	31	5	18	2.2	40	-34
SWITZE	ZURICH	23	13	31	8	18	3.0	72	-55
	GENEVA	26	14	31	8	20	3.5	23	-64
FRANCE	PARIS/LEBOURG	23	13	32	8	18	1.5	12	-46
	STRASBOURG	25	13	33	6	19	2.1	24	-52
	BOURGES	24	13	32	8	19	2.2	17	-41
	BORDEAUX	25	15	33	8	20	2.5	56	-1
	TOULOUSE	26	16	32	10	21	2.4	109	50
	MARSEILLE	28	18	32	14	23	2.1	12	-17
SPAIN	VALLADOLID	29	12	37	4	20	2.5	14	-22
	MADRID	31	14	37	8	22	1.7	14	-12
	SEVILLE	34	19	38	13	27	1.6	0	-9
PORTUG	LISBON	27	17	37	12	22	2.2	0	-22
GERMAN	HAMBURG	21	12	35	8	16	0.7	68	-7
	BERLIN	24	14	36	8	19	1.4	27	-48
	DUSSELDORF	23	12	34	6	18	0.8	69	3
	LEIPZIG	23	12	35	6	18	1.2	42	-25
	DRESDEN	24	13	35	5	18	1.8	32	-36
	STUTTGART	24	12	32	5	18	1.6	14	-80
	NURNBERG	24	11	33	3	18	1.1	55	-20
	AUGSBURG	24	10	31	3	17	0.7	48	-62
AUSTRI	VIENNA	27	14	36	5	20	1.9	15	-47
	INNSBRUCK	25	12	33	8	19	2.4	94	-13
CZECHR	PRAGUE	24	11	33	5	17	1.5	42	-31
POLAND	WARSAW	24	12	35	5	18	1.0	17	-54
	LODZ	23	11	35	4	17	1.1	26	-43
	KATOWICE	23	11	35	4	17	1.4	23	-65
	PRZEMYSL	23	12	32	6	17	0.9	91	-6
HUNGAR	BUDAPEST	28	15	36	8	21	2.4	10	-53
YUGOSL	BELGRADE	29	17	37	10	23	2.8	17	-76
ROMANI	BUCHAREST	30	12	37	5	21	0.4	40	-48
BULGAR	SOFIA	27	13	34	7	20	2.0	35	-49
ITALY	MILAN	30	18	33	15	24	3.5	30	-38
	VERONA	28	17	31	14	23	1.9	65	-23
	VENICE	28	18	32	14	23	2.3	2	-73
	GENOA	26	20	29	18	23	1.4	31	-18
	ROME	27	16	31	13	22	0.6	3	-18
	NAPLES	29	18	33	13	24	2.5	29	-6
GREECE	THESSALONIKA	31	19	37	14	25	0.5	21	-11
	LARISSA	32	16	38	11	24	-0.9	16	-8
	ATHENS	31	21	38	16	26	1.1	12	4
TURKEY	ISTANBUL	26	18	34	13	22	1.2	33	9
	ANKARA	25	9	33	2	17	-3.4	48	10
CYPRUS	LARNACA	32	22	39	19	27	2.1	0	-5
ESTONI	TALLINN	18	10	27	5	14	-0.7	63	12
RUSSIA	ST.PETERSBURG	20	12	30	6	16	0.1	74	20
LITHUA	KAUNAS	20	10	30	3	15	-0.8	64	-29
BELARU	MINSK	22	11	31	5	16	0.1	64	-13
RUSSIA	KAZAN	23	13	29	6	18	0.5	85	16
	MOSCOW	21	11	28	5	16	-0.6	115	39
	YEKATERINBURG	24	14	33	7	19	2.7	29	-42
	OMSK	24	14	32	4	19	1.2	23	-35
	KRASNOYARSK	24	12	29	7	18	***	39	**
	NOVOSIBIRSK	23	13	30	7	18	1.6	80	26
	BARNAUL	24	13	31	9	18	0.6	54	11
	KHABAROVSK	23	12	33	5	18	-0.2	47	-32
	VLADIVOSTOK	19	11	28	6	15	2.3	77	-36
UKRAIN	KIEV	23	13	32	7	18	-0.1	65	-7
	LVOV	23	11	33	2	17	0.8	65	-34
	KIROVOGRAD	24	12	33	7	18	-1.4	31	-20

Based on Preliminary Reports

June 2000

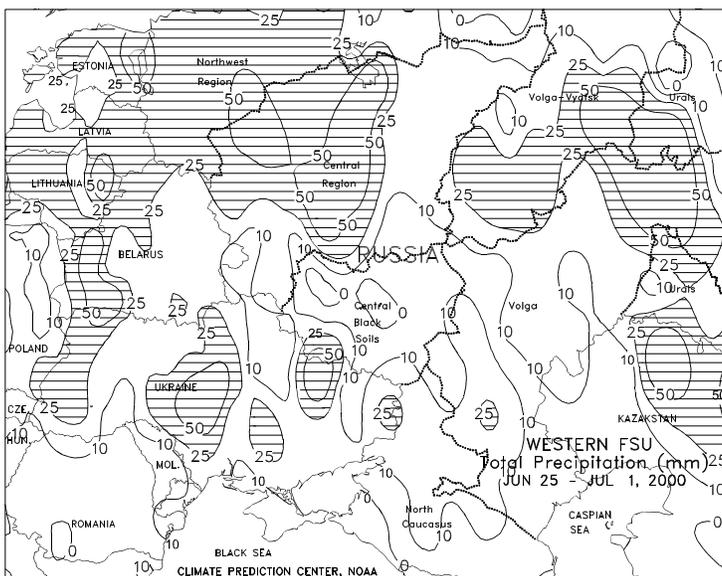
COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)			COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
	AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL	DPART F/NRM		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL	DPART F/NRM
RUSSIA ODESSA	25	16	32	9	20	0.7	47	5	TANZAN DAR ES SALAAM	29	20	32	16	24	0.2	124	89
RUSSIA YALTA	24	17	29	11	20	-0.5	34	-9	GABON LIBREVILLE	29	24	30	22	26	0.8	128	110
RUSSIA VORONEZH	22	13	30	7	18	***	100	**	TOGO LOME	30	24	34	21	27	1.2	105	-173
RUSSIA SARATOV	23	15	29	7	19	0.5	107	63	BURKIN OUAGADOUGOU	34	25	39	20	30	0.4	115	8
RUSSIA VOLGOGRAD	25	14	32	6	19	-2.0	63	36	COTE D ABIDJAN	29	25	33	22	27	0.9	670	101
UKRAIN ZDANOV	24	15	32	10	20	0.3	73	-12	MOZAMB MAPUTO	26	15	30	12	21	1.5	5	-10
RUSSIA ASTRAKHAN	28	17	36	12	22	-0.4	9	-13	MALAWI CHILEKA	**	**	26	14	**	***	**	**
RUSSIA KRASNODAR	26	15	32	10	21	-0.4	126	49	ZIMBAB HARARE	20	10	22	7	15	2.0	25	23
KAZAKS ATBASAR	26	13	33	5	19	1.2	44	2	S AFRI PRETORIA	21	6	25	2	14	2.2	8	0
RUSSIA ORENBURG	26	14	33	6	20	0.3	122	84	KROONSTAD	18	3	22	-2	11	***	3	**
KAZAKS KARAGANDA	25	14	35	8	20	1.0	61	25	JOHANNESBURG	17	4	20	1	11	1.0	10	0
GEORGI TBILISI	28	18	35	13	23	1.3	6	-63	BETHAL	19	2	22	-4	10	2.0	5	-3
UZBEKI TASHKENT	34	18	43	12	26	0.1	15	8	DURBAN	24	12	30	6	18	1.1	5	-24
TURKME ASHKHABAD	35	22	40	13	28	-0.2	0	-4	CAPE TOWN	20	10	29	4	15	2.3	86	-7
SYRIA DAMASCUS	36	16	40	12	26	1.1	0	0	CANADA TORONTO	24	13	31	9	18	0.8	169	100
ISRAEL JERUSALEM	29	16	35	13	23	0.7	0	0	MONTREAL	22	12	30	3	17	-0.7	95	12
INDIA AMRITSAR	36	27	41	22	32	-0.7	23	-34	WINNIPEG	20	9	29	1	15	-2.4	177	96
INDIA NEW DELHI	37	28	40	24	32	-1.4	180	112	REGINA	20	7	30	1	14	-2.9	122	56
INDIA AHMEDABAD	40	28	43	23	34	0.8	60	-41	SASKATOON	21	7	30	2	14	-1.9	55	-5
INDIA INDORE	35	24	40	21	30	-0.3	126	-10	LETHBRIDGE	23	7	31	-3	15	-0.9	50	-17
INDIA CALCUTTA	34	26	37	23	30	0.0	198	-52	CALGARY	19	6	25	-2	13	-1.5	109	33
INDIA VERAVAL	33	28	34	25	30	1.0	30	-169	EDMONTON	20	9	28	4	15	-1.1	75	-5
INDIA BOMBAY	32	26	33	23	29	0.3	339	-308	VANCOUVER	19	12	28	8	16	0.4	57	12
INDIA POONA	31	23	35	20	27	-0.8	118	-7	MEXICO GUADALAJARA	26	18	29	15	22	-0.9	129	-23
INDIA BEGAMPET	31	23	37	21	27	-2.0	279	172	MEXICO CITY	24	12	**	**	**	31.0	-73	
INDIA KAKINADA	34	27	38	24	30	-1.3	53	-73	ACAPULCO	31	25	34	23	28	-0.5	46	-200
INDIA MADRAS	36	27	39	24	32	-0.6	54	-9	BERMUD ST. GEORGES	28	23	31	21	26	0.5	44	-93
INDIA MANGALORE	29	23	31	21	26	-1.0	1048	66	BAHAMA NASSAU	31	24	33	20	27	0.5	235	14
N KORE NAMPO	28	19	33	12	24	2.1	41	-16	CUBA HAVANA/MARTI	32	22	33	20	27	-0.4	180	-67
S KORE SEOUL	29	19	34	15	24	3.3	68	-101	JAMAIC KINGSTON	33	26	34	25	29	0.9	39	-26
JAPAN SAPPORO	22	14	30	10	18	1.5	53	-15	P RICO SAN JUAN	31	25	33	23	28	-0.1	44	-52
JAPAN NAGOYA	27	19	32	15	23	1.0	243	23	GUADEL RAIZET	32	25	33	23	28	1.1	38	-25
JAPAN TOKYO	26	20	31	17	23	1.2	238	52	MARTIN LAMENTIN	30	26	30	24	28	1.2	86	-83
JAPAN YOKOHAMA	25	19	30	16	22	1.1	274	58	BARBAD BRIDGETOWN	30	25	31	23	28	0.2	69	-13
JAPAN KYOTO	28	19	34	14	24	1.5	151	-97	TRINID PORT OF SPAIN	31	24	33	23	28	1.5	148	-88
JAPAN OSAKA	28	21	33	16	24	0.9	195	-11	COLOMB BOGOTA	19	9	25	6	14	0.8	58	-9
THAILA PHITSANULOK	33	25	35	23	29	-0.2	269	85	F GUIA CAYENNE	30	23	31	21	26	0.7	411	-41
THAILA BANGKOK	33	26	34	25	30	0.2	263	116	BRAZIL FORTALEZA/PINT	31	25	32	24	28	1.5	39	-65
MALAYS KUALA LUMPUR	33	24	35	22	29	1.5	103	-24	RECIFE	28	22	29	19	25	0.4	623	261
VIETNA HANOI	33	26	36	22	29	0.0	187	-52	BELO HORIZONTE	25	15	28	13	20	1.3	0	-13
CHINA HARBIN	29	17	35	11	23	3.5	55	-13	CAMPO GRANDE	29	18	33	9	23	2.9	5	-45
CHINA HAMI	32	17	37	9	24	-0.9	13	7	FRANCA	25	15	28	7	20	5.0	0	-27
CHINA LANCHOW	28	16	35	12	22	1.7	77	41	RESENDE	25	12	29	4	18	0.8	0	-24
CHINA BEIJING	33	20	39	16	27	2.3	22	-49	LONDRINA	25	13	30	5	19	1.8	115	19
CHINA TIENTSIN	32	21	38	14	27	2.0	3	-62	SANTA MARIA	21	13	31	2	17	3.8	263	119
CHINA LHASA	24	12	29	7	18	1.6	66	-5	PORTO ALEGRE	22	13	32	4	18	2.5	112	-28
CHINA KUNMING	23	17	28	11	20	0.5	116	-54	PERU LIMA	19	15	24	13	17	-0.8	0	-1
CHINA CHENGCHOW	31	21	36	17	26	0.4	46	-15	BOLIVI LA PAZ	14	-4	25	-8	5	-1.4	24	20
CHINA YEHCANG	30	22	36	17	26	2.6	87	-65	CHILE SANTIAGO	14	4	21	-2	9	1.0	157	91
CHINA HANKOW	31	24	36	19	27	1.9	179	-26	ARGENT FORMOSA	22	15	31	4	19	1.8	287	228
CHINA NEIJIANG	29	22	35	18	25	0.6	156	23	POSADAS	22	15	30	3	18	2.3	239	112
CHINA CHIHKIANG	28	21	34	17	25	0.3	249	53	CERES	18	8	25	-1	13	0.4	5	-18
CHINA NANJING	29	22	33	18	26	1.1	186	23	CORDOBA	18	5	26	-3	11	0.9	0	-11
CHINA HANGZHOU	30	22	37	17	26	1.3	168	-11	RIO CUARTO	15	5	25	-1	10	0.5	13	-4
CHINA NANCHANG	29	23	35	18	26	0.3	353	71	ROSARIO	16	8	24	-1	12	2.1	27	-10
CHINA TAIPEI	32	25	35	18	29	2.0	355	39	BUENOS AIRES	16	9	24	0	12	2.3	81	31
CHINA CANTON	32	25	37	20	29	1.1	197	-60	SANTA ROSA	14	4	21	-5	9	1.2	17	1
CHINA NANNING	32	24	36	21	28	-0.2	38	-178	TRES ARROYOS	14	6	19	-1	10	2.3	22	-7
CANARY LAS PALMAS	25	20	26	19	22	1.0	0	0	SAMOA PAGO PAGO	29	26	31	23	27	0.8	201	12
MOROCC CASABLANCA	24	19	29	15	22	1.5	0	-6	TAHITI PAPEETE	30	22	32	18	26	0.9	50	-9
MOROCC MARRAKECH	36	20	42	15	28	5.1	0	-3	NZEALA AUCKLAND	15	11	17	2	13	***	127	**
ALGERI ALGER	28	16	34	11	22	0.8	0	-21	WELLINGTON	13	10	16	4	12	***	74	**
ALGERI BATNA	31	15	39	10	23	2.0	27	3	AUSTRA DARWIN	29	19	33	13	24	-1.3	0	-2
TUNISI TUNIS	30	20	39	15	25	2.0	53	42	GOONDIWINDI	18	7	24	0	13	0.3	8	-38
NIGER NIAMEY	38	26	42	20	32	0.8	81	14	BRISBANE	20	11	25	4	15	-0.9	36	-38
MALI TIMBUKTU	41	29	44	25	35	0.6	14	-2	PERTH	19	10	26	3	15	0.9	136	-32
MALI BAMAKO	33	24	38	21	28	-0.6	78	-49	CEDUNA	18	7	22	0	13	0.2	16	-16
MAURIT NOUAKCHOTT	30	22	41	18	26	-1.1	0	0	ADELAIDE	15	9	18	2	12	0.2	63	12
SENEGA DAKAR	28	24	32	21	26	0.3	0	-13	MELBOURNE	14	7	17	1	10	0.6	27	-11
CHAGOS DIEGO GARCIA	29	26	35	25	27	0.9	47	-111	WAGGA	12	5	16	0	9	0.5	47	6
LIBYA TRIPOLI	32	19	41	12	25	-1.1	0	-2	CANBERRA	12	1	16	-6	6	-0.1	22	-7
LIBYA BENGHAZI	29	20	38	16	24	-1.6	0	0	INDONE BANDUNG	28	20	31	14	24	2.1	9	-83
EGYPT CAIRO	34	21	38	19	28	0.3	0	0	PHILIP MANILA	32	27	35	25	30	0.8	190	-66
EGYPT ASWAN	41	26	46	22	34	0.3	0	0									
KENYA NAIROBI	24	13	27	9	18	0.7	27	1									

Based on Preliminary Reports



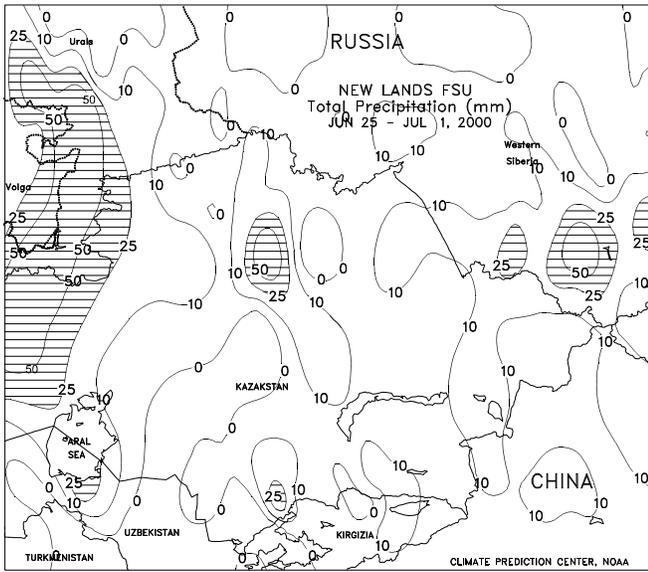
EUROPE

Mainly dry weather (less than 10 mm) continued across western Europe, aiding winter grain dry down and harvesting. In southwestern Europe, the harvest of winter wheat and barley was well advanced in Spain and Portugal, and winter barley was 50 percent harvested in southwestern France as of June 26. Farther north and east, winter grain harvesting had recently begun in Germany, and was reportedly progressing well across Italy. In Italy, scattered showers (6-23 mm) temporarily delayed winter grain harvesting, but benefited vegetative corn, soybeans, and sunflowers. Farther east, scattered, locally heavy showers (12-45 mm, locally 68 mm) eased persistent dryness in Austria, Slovenia, and Croatia. Similarly, scattered showers (11-44 mm, locally 66 mm) in northern and eastern Poland benefited vegetative summer crops. Elsewhere in eastern Europe, mainly dry weather dominated, intensifying drought from Hungary and Romania southward. Soaking rain is needed soon in southeastern Europe to prevent significant declines in summer crop yield prospects. Unseasonably cool weather (2-5 degrees C below normal) overspread northern and eastern Europe, however, reducing heat stress on summer crops. In contrast, hot weather (2-4 degrees C above normal, maximum temperatures 35-40 degrees C) dominated the Iberian peninsula, increasing irrigation requirements.



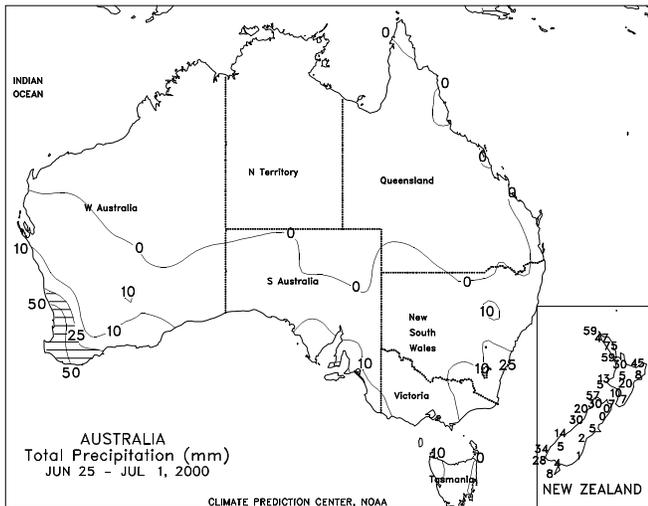
FSU-WESTERN

In Ukraine, light to moderate showers (10-50 mm or more) and below-normal temperatures (1 to 4 degrees C below normal) continued to ease drought, improving growing conditions for spring barley in the filling stage and summer crops (corn, sugar beets, and sunflowers) in the vegetative stage. However, the rain may have slowed winter grain harvesting, typically underway in the south. In Moldova, mostly dry weather worsened drought, causing further declines in spring-sown crop conditions. In Russia, light showers (about 10 mm) in North Caucasus and lower Volga Valley maintained adequate moisture for filling spring barley and vegetative summer crops. The precipitation caused only brief interruptions in winter grain harvesting, which was reportedly underway in these areas. Farther north, widespread rain (25-50 mm or more) fell in Northwest Region, Central Region, Volga Vyatsk, and the upper Volga Valley, benefiting winter grains in the filling stage and spring grains in or nearing reproduction. Weekly temperatures averaged 1 to 2 degrees C below normal in southern Russia and 1 to 4 degrees C above normal in northern Russia. Elsewhere, wet weather (25-50 mm or more) eased prolonged dryness in Lithuania, and reversed a month-long drying trend in Belarus, Latvia, and Estonia..



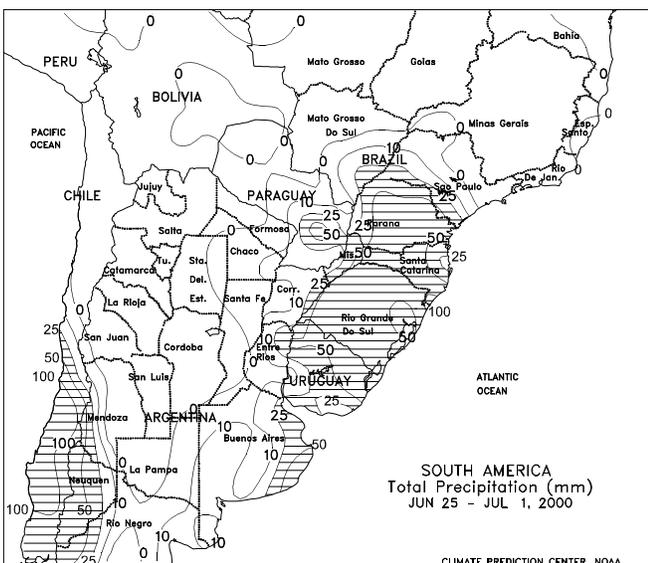
FSU-NEWLANDS

Spring grains were mostly in the jointing stage over the region. In Russia and Kazakstan, light to moderate showers (3-50 mm or more) maintained generally adequate soil moisture conditions for spring grain development. In Russia, the greatest amounts of rain (25-50 mm) were observed in western and southern Urals and in the Altay Kray region of Western Siberia. In Kazakstan, the greatest amounts of moisture (50-90 mm) were confined to minor spring grain-producing areas in the west, reversing a drying trend that had persisted since early June. Weekly temperatures averaged near to slightly above normal in Russia and Kazakstan. In cotton-producing areas of Central Asia, most of the cotton crop is irrigated. Seasonably hot, dry weather promoted rapid crop development, but maintained high irrigation requirements.



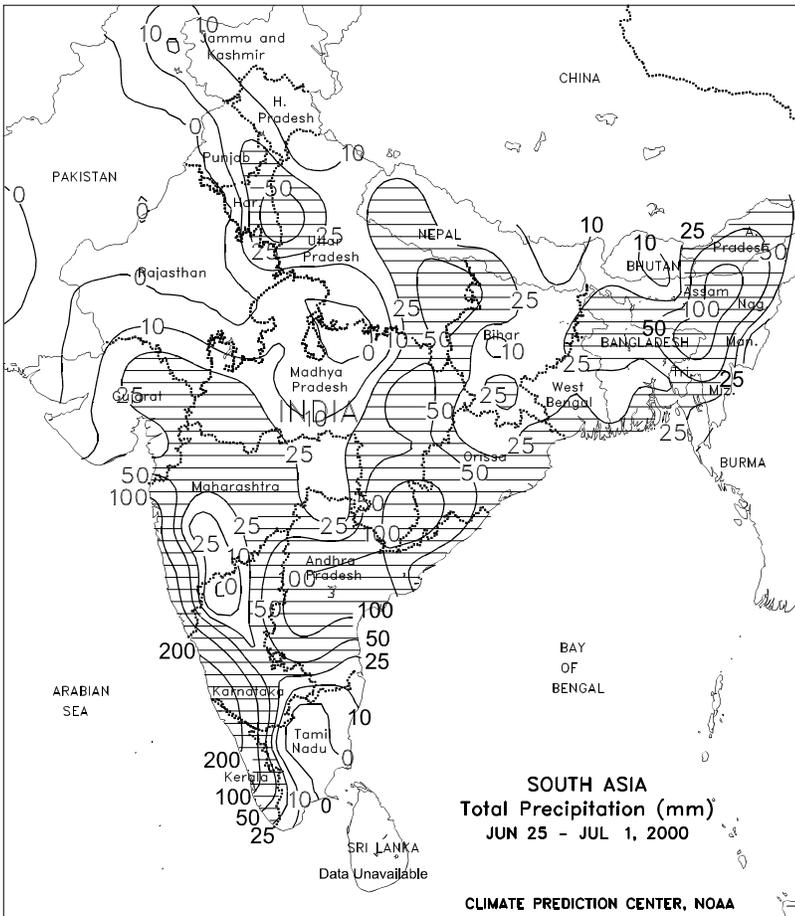
AUSTRALIA

Scattered, mostly light showers (3-25 mm, heaviest in coastal areas) continued across the winter crop belts of Western Australia and the southeast (South Australia to southern New South Wales). The moisture favored germinating to vegetative winter grains and oilseeds, but more was needed in some locations to increase long-term moisture reserves. Temperatures averaged near to above normal throughout the main winter grain areas, aiding crop establishment. Lows fell below freezing in the interior crop areas of Queensland and northern New South Wales, helping to cold-harden wheat and barley. Mild, dry weather aided coastal sugarcane harvesting. In New Zealand, light rain (10 mm or less) covered crop areas from eastern South Island to central North Island. Moderate to heavy rain (25-50 mm or more) covered northern crop areas of North Island.



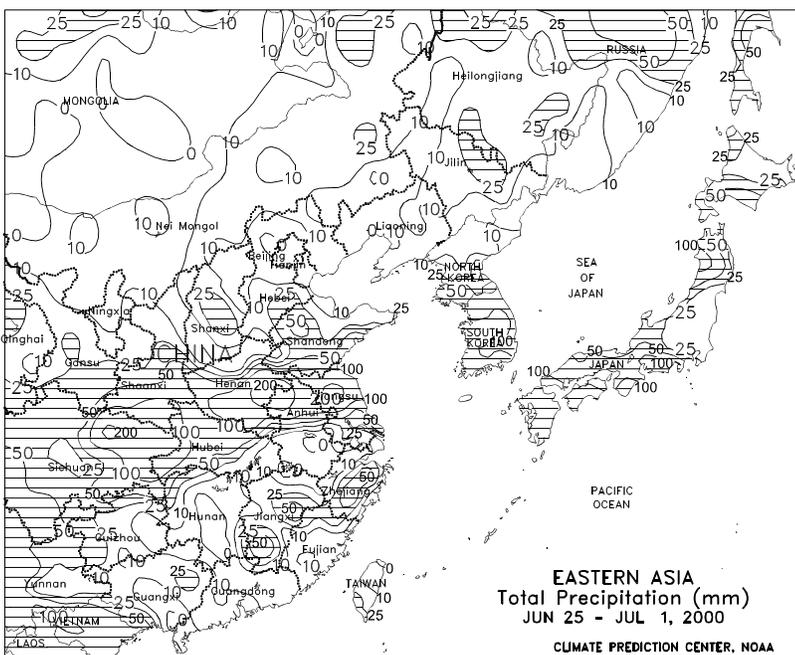
SOUTH AMERICA

In southern Brazil, widespread rain (25-80 mm) boosted soil moisture for emerging to vegetative winter wheat from southern Sao Paulo southward. Elsewhere in southern Brazil, seasonably dry weather prevailed. Temperatures averaged 2 to 6 degrees C above normal across the southeastern wheat region, with the lowest temperatures ranging from 5 to 12 degrees C. Across central Argentina, mostly dry weather continued to favor summer crop harvesting and winter wheat planting in Cordoba, Santa Fe, and northern Buenos Aires. Light to moderate rain (5-40 mm) fell across southeastern Buenos Aires, increasing topsoil moisture for winter wheat. According to the Argentine Agriculture Secretariat as of June 23, corn was 84 percent harvested, compared with 91 last year. In the provinces, corn was 91 percent harvested in Santa Fe, 95 in Buenos Aires, 86 in Cordoba, and nearing completion in Entre Rios. Nationwide, soybeans were 96 percent harvested, compared with 98 last year. In the provinces, soybeans were 97 percent harvested in Buenos Aires, 98 in Cordoba, and nearing completion in Santa Fe. Winter wheat was 36 percent planted, compared with 52 last year. Wheat was 21 percent planted in Buenos Aires, 61 in Santa Fe, and 67 in Cordoba. In the north, cotton was 63 percent harvested. In central Chile, unseasonably heavy rain (90-175 mm) continued to cause flooding, but boosted moisture supplies.



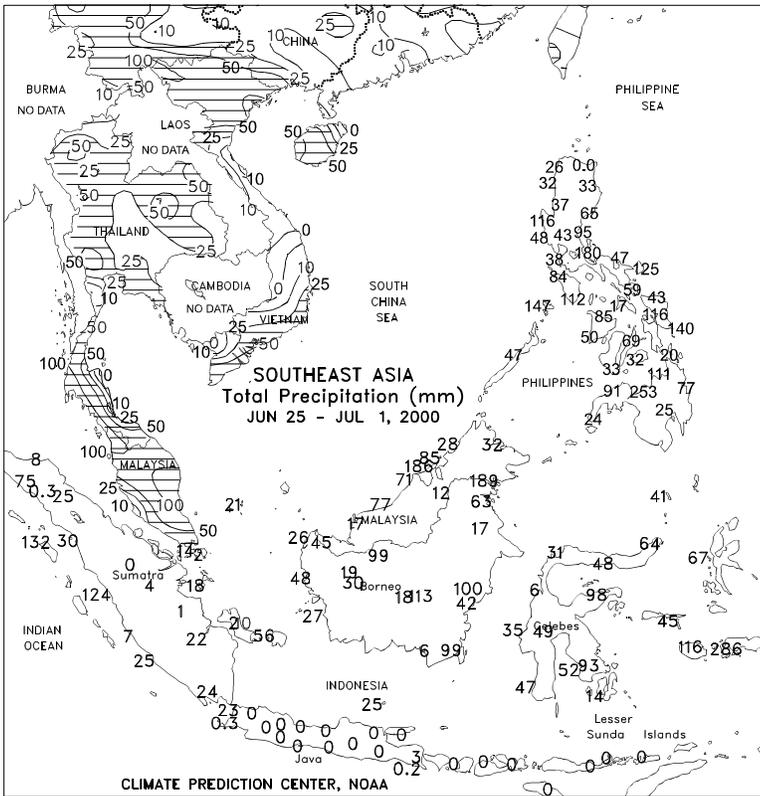
SOUTH ASIA

Monsoon rains intensified over southern India, increasing moisture for rice and other summer crops. Heavy rain (50-100 mm or more) covered a broad section of Andhra Pradesh, an important groundnut and cotton-producing area, improving conditions for crop establishment. Rainfall totaled 100 to 300 mm along the southwest coast, providing abundant moisture for rice cultivation. Moderate showers (10-25 mm or more) covered most other crop areas of southern India, reaching as far north as the groundnut basin of Gujarat. Elsewhere, shower activity declined from last week across northern and eastern India and Bangladesh, with just a few locations recording 50 to 100 mm. Scattered showers continued over northern sections of Pakistan, increasing irrigation reserves. Temperatures averaged near to above normal over sections of western India and Pakistan that have not yet received beneficial monsoon rainfall.



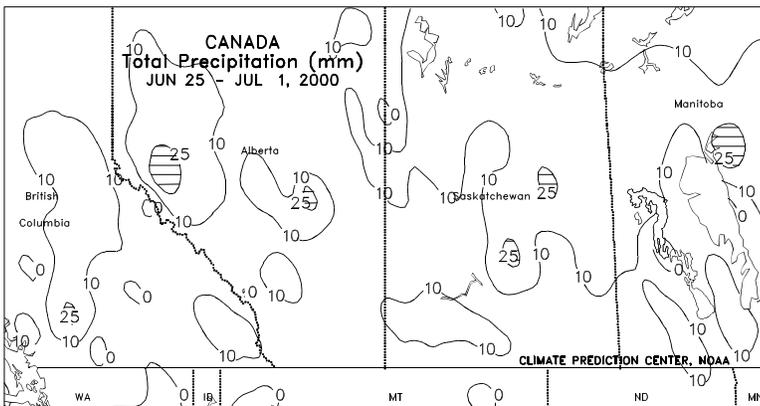
EASTERN ASIA

Across most of the North China Plain, showers (25-60 mm) continued to improve growing conditions for summer crops. Greater amounts (100-290 mm) fell across southern Henan and northern Anhui and Jiangsu, boosting moisture supplies, but causing some local flooding. Drier weather (less than 25 mm) prevailed across Hebei, Beijing, and Liaoning (southern Manchuria) reducing moisture supplies. Elsewhere in Manchuria, scattered light to moderate rain (10-35 mm) increased topsoil moisture. Across all of Manchuria, however, rain is needed because rainfall has averaged 30 to 60 percent of normal during the past 4 weeks. In the Sichuan Basin, widespread showers (25-100 mm) boosted moisture supplies for summer crops and rice. Across southern China (Hunan, Jiangxi, Zhejiang, Guangxi, Guangdong, and Fujian), drier, sunnier weather (5-20 mm, with isolated amounts greater than 40 mm) favored rice development, but rain is needed to maintain adequate moisture supplies. Temperatures averaged near normal across the North China Plain and 1 to 3 degrees C above normal in Manchuria and southern China. Much-needed rain (25-80 mm) fell across southern North Korea, increasing soil moisture for summer crops. However, the northern part of the country remained dry, stressing summer crops. Widespread rain (25-100 mm) covered South Korea and Japan, maintaining adequate moisture supplies for rice. Temperatures averaged 1 to 2 degrees C above normal across the Korean Peninsula and Japan.



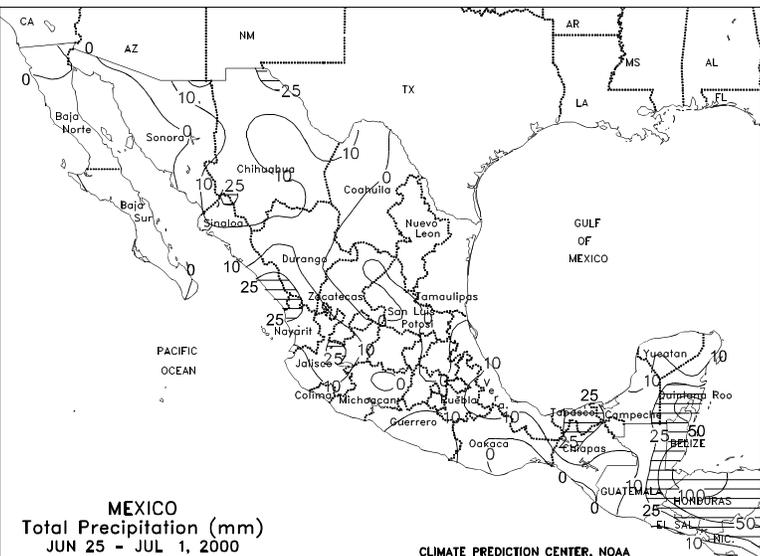
SOUTHEAST ASIA

Seasonal showers (15-50 mm) maintained moisture supplies across Thailand's main-season rice-producing areas. In northern Vietnam, showers (40-70 mm) continued to increase moisture supplies for 10th-month rice transplanting, while slowing winter-spring rice harvesting. Showers (30-120 mm) in southern Vietnam maintained favorable conditions for rice. In the Philippines, widespread showers (30-150 mm) continued to benefit rice, corn, and sugarcane. Showers (30-130 mm) aided oil palm in peninsular Malaysia. Dry conditions in Java, Indonesia benefited late-season harvesting of main-season rice, while moisture reserves continued to be adequate for second-season rice.



CANADA

Cool, showery weather (averaging 1-2 degrees C below normal in most areas, with the range of 2-25 mm) continued across the Prairies, slowing development of summer grains and oilseeds. Temperatures varied greatly during the week, from the lower 30's degrees C to the low single digits, with a late-week warmup bringing temporary relief to spring crops. In eastern Canada, locally heavy rain (25-50 mm or more) kept unharvested winter wheat, vegetative corn, and soybeans unfavorably wet.



MEXICO

Showers diminished across the southern Plateau Corn Belt, but moisture supplies remained adequate for corn development. Dry weather prevailed across the central and eastern corn belt, while light to moderate rain (10-40 mm) was reported in the west. Scattered showers (10-40 mm) fell across southern and southeastern Mexico. Light to moderate rain (5-25 mm) increased moisture supplies across the state of Chihuahua. Dry weather reduced moisture supplies in northeastern Mexico, where showers typically start to increase during early July. Temperatures averaged near to slightly above normal across most of Mexico.

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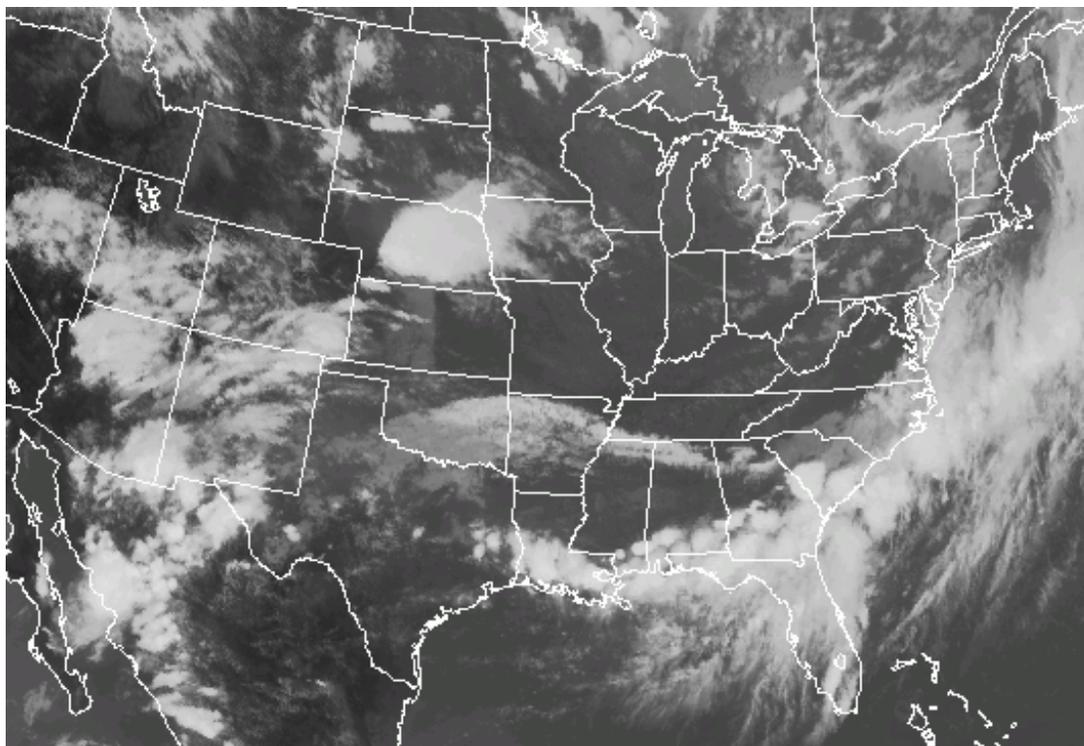
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GOES-8 Infrared Satellite Image taken at 2245Z (6:45 p.m., EDT) on Thursday, June 29, 2000. Apparent features include:
 (1) An early onset of the Southwest Monsoon that brought numerous showers and thunderstorms to the Four Corners region.
 (2) A thunderstorm complex over Nebraska that brought more rain to the central Plains and western Corn Belt.
 (3) A slow moving frontal system over the Gulf Coast States that provided much-needed drought relief with persistent showers to parts of the Southeast.

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