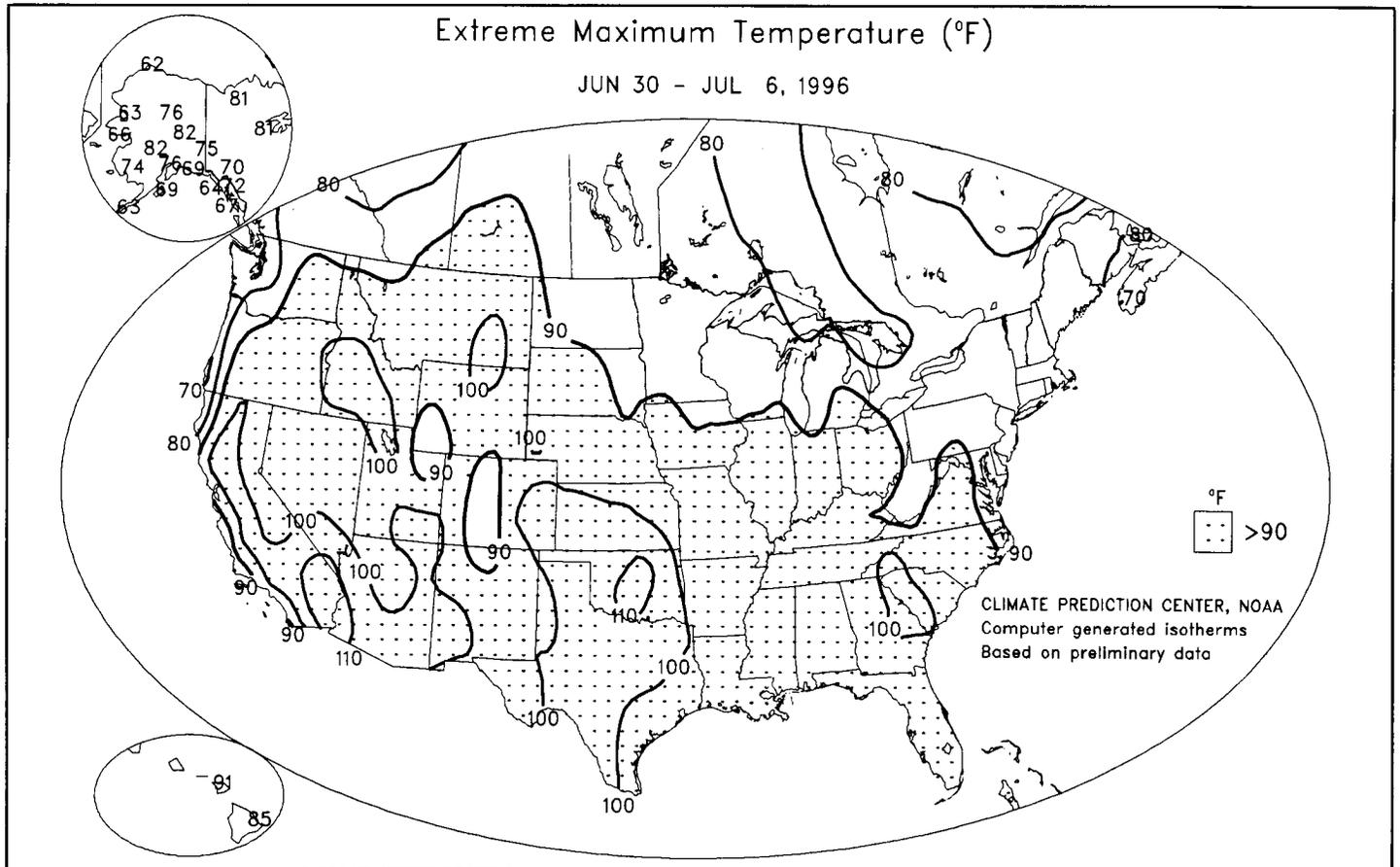


# WEEKLY WEATHER AND CROP BULLETIN

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



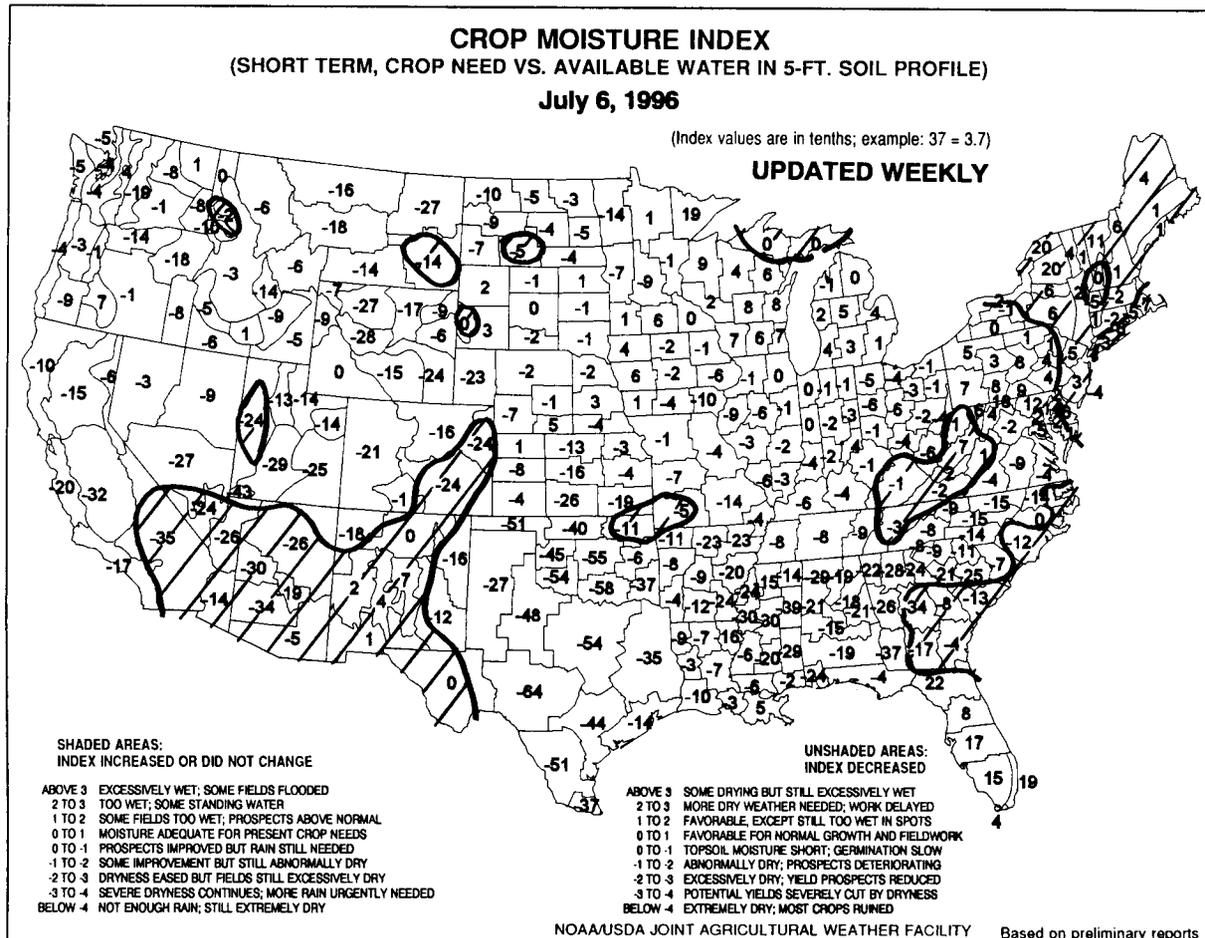
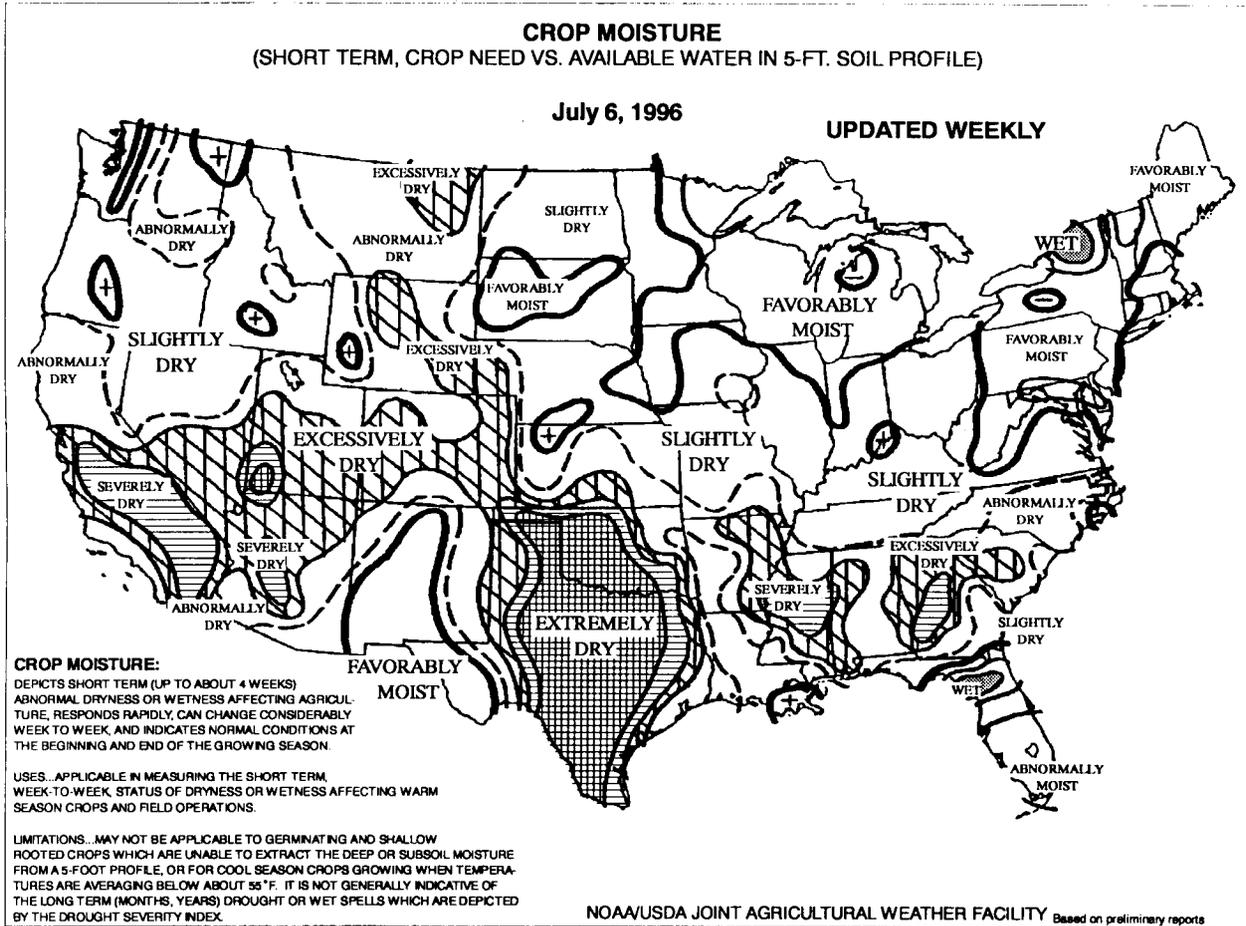
## HIGHLIGHTS June 30 - July 6, 1996

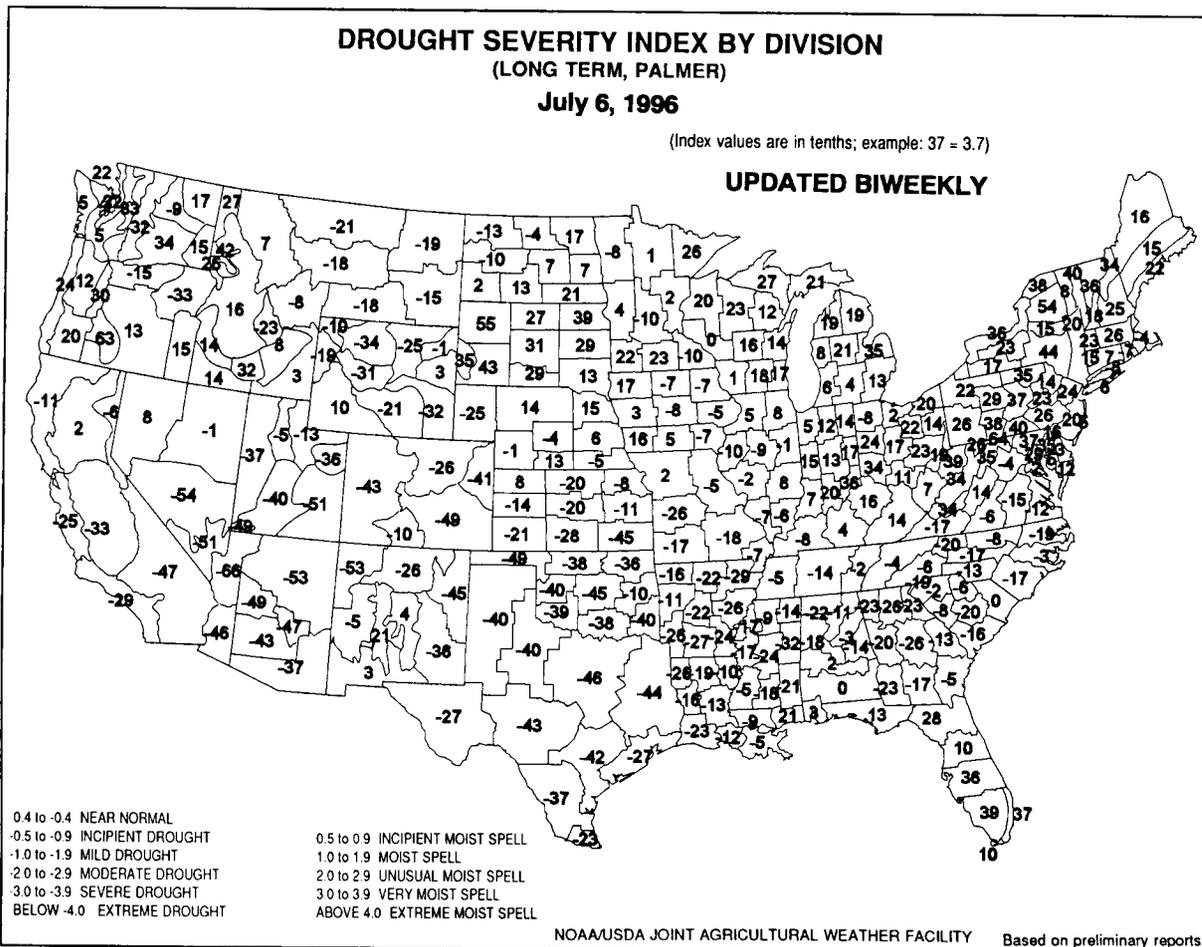
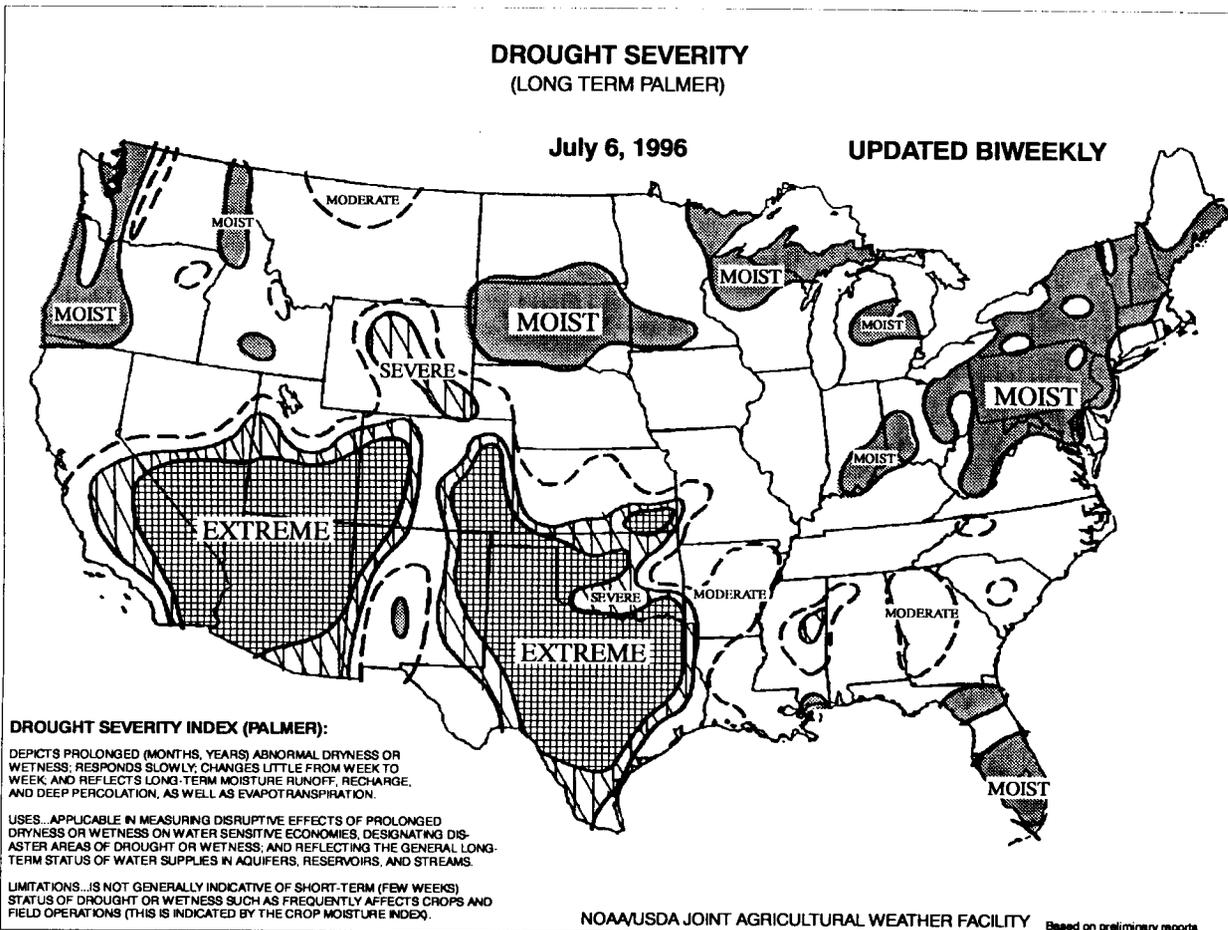
**A** heat wave--extreme in magnitude but small in areal extent--gripped the southern Plains, pushing weekly temperatures as much as 8°F above normal. Hot weather also covered much of the West, resulting in departures of +2 to +6°F in many areas. Meanwhile, a strong cold front punched southward across the East, quashing a spell of hot, humid weather. On July 4-5, a daily-record chill descended upon more than a dozen Eastern cities. Prior to the arrival of dry air, a midweek storm stalled over New England, dumping 2 to 6 inches of rain and causing some flooding.

*(Continued on page 4)*

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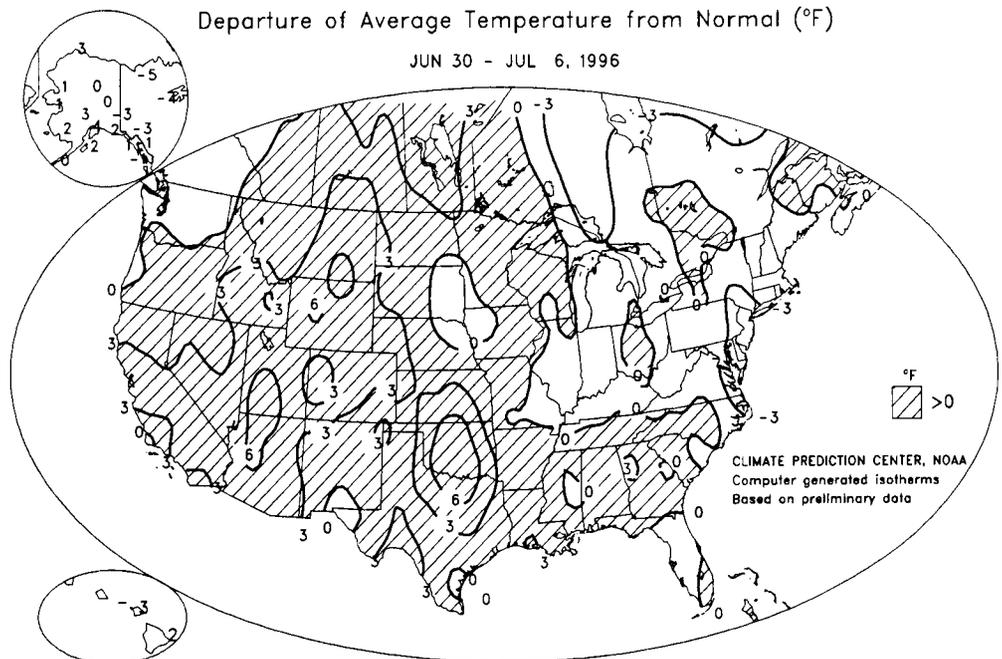
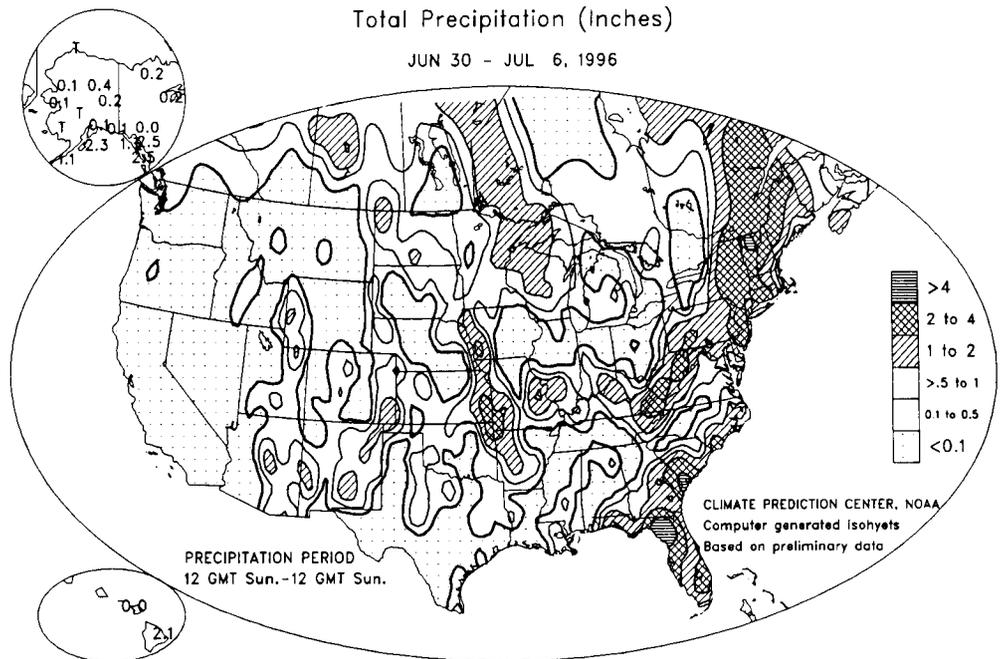
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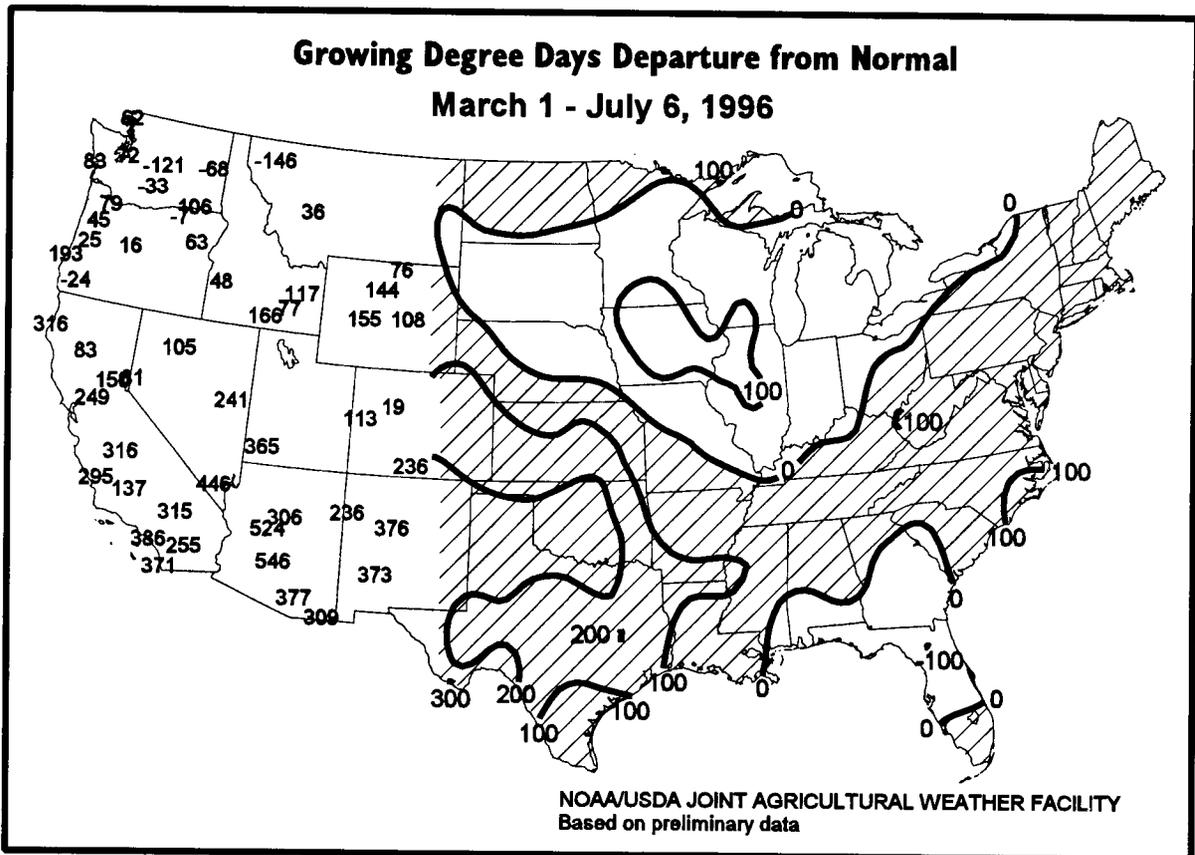
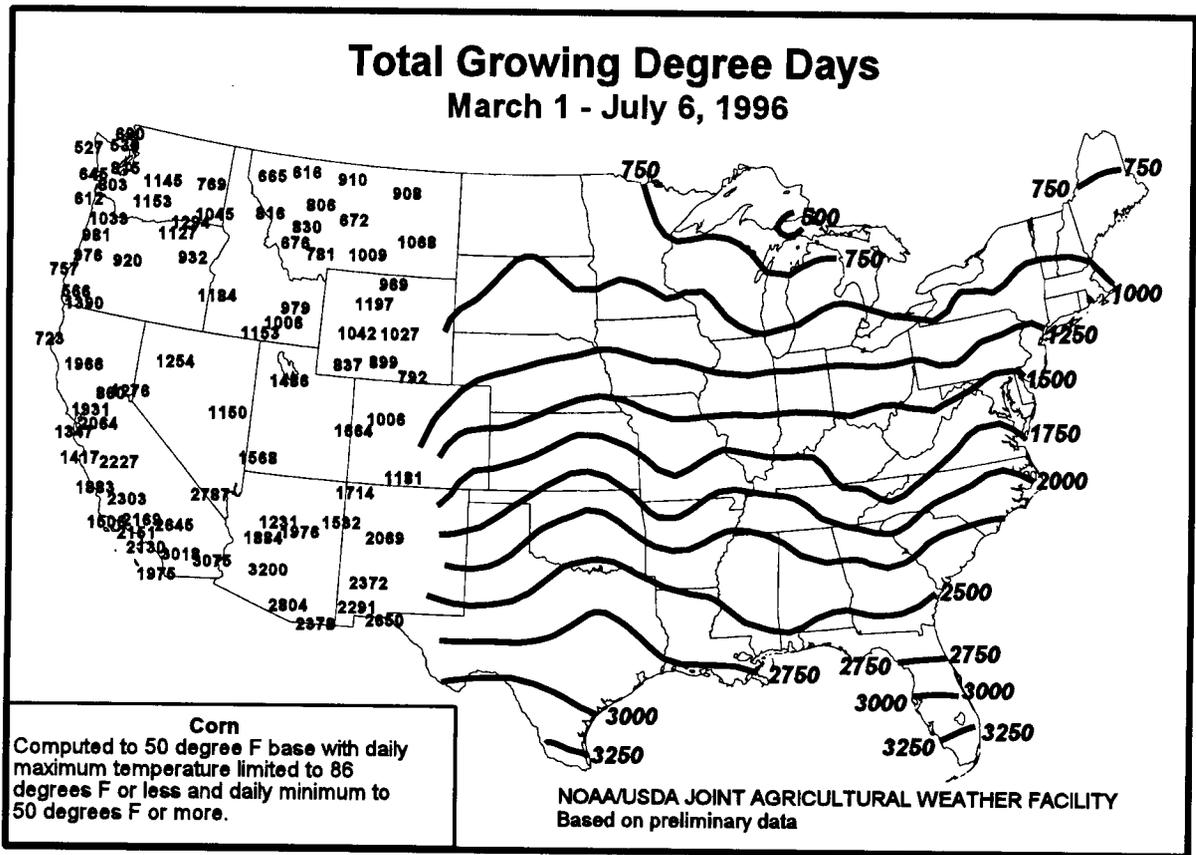
Elsewhere, heavy thunderstorms dotted the **southern Atlantic Coast States**, the **western Great Lakes region**, and a belt from the **central Plains** to the **central Appalachians**. But a dry week across much of the **Corn Belt** began to reduce topsoil moisture. Short-term dryness worsened in the **Southeast** despite a turn toward cooler weather. Drought intensified in the **southern Plains**, while monsoonal thunderstorms peppered the **Southwest**. Farther north, a late-week surge of cool air through the **Northwest** ended a spell of warmth.

Early in the week, hot air spread eastward from the **West Coast States**. On Sunday, daily-record highs in **California** included 107°F in **Paso Robles** and 92°F in **San Francisco**. Two days later, triple-digit, daily-record heat visited locations such as **Pocatello, ID** (100°F) and **Salt Lake City, UT** (103°F). At midweek, heat spread into the **northern Plains**, where **Glasgow, MT** (98°F) notched a daily-record high.

Heat gradually intensified across the **southern Plains**, extending consecutive-day streaks of triple-digit heat to 9 days (June 28-July 6) in **Wichita Falls, TX** and 7 days (June 30-July 6) in **Oklahoma City, OK**. On Thursday, **Oklahoma City** registered their first of four consecutive daily records (105, 108, 110, and 106°F). **Oklahoma City's** high of 110°F on Saturday eclipsed their June record (109°F in 1936 and 1986), and fell only 3°F shy of their all-time record, set on August 11, 1936. Elsewhere on Saturday, highs included 109°F in **Wichita Falls** and 111°F in **Tulsa, OK**. Through July 6, year-to-date precipitation totaled only 36 percent of normal in **Wichita Falls** and 46 percent in **Oklahoma City**.

In **Tucson, AZ**, a 111-day dry spell--their third longest on record--ended with a 0.28-inch rainfall on July 3. Meanwhile in the **Northeast**, midweek totals topped 2 inches in locations such as **Caribou, ME**, **Hartford, CT**, and **Allentown, PA**. In the storm's wake, daily-record lows on July 4 dipped to 46°F in **South Bend, IN** and 52°F in **Bristol, TN**. A day later, daily records included 51°F in **Lynchburg, VA** and 61°F in **Meridian, MS**. Heavy rain fell along the **southern Atlantic coast** on July 4-6, totaling more than 6 inches in a few spots from **southern South Carolina** to **northern Florida**. Late in the week, a fast-moving cold front swept through the **Northwestern and North Central States**. On Saturday, **Duluth, MN** noted a daily-record rainfall (2.33 inches). Farther west, Saturday's lows of 36°F in **Kalispell, MT** and 31°F in **Butte, MT** were among a handful of daily-record lows.





# National Weather Data for Selected Cities

Weather Data for the Week Ending July 6, 1996

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE JUN 1	PCT. NORMAL SINCE JUN 1	TOTAL IN., SINCE JUN 1	PCT. NORMAL SINCE JUN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	92 AND BELOW	TEMP. °F		PRECIP.	
																		01 INCH OR MORE	05 INCH OR MORE	01 INCH OR MORE	05 INCH OR MORE
AL BIRMINGHAM	94	67	97	60	81	2	0.33	-0.82	--	2.22	47	33.34	108	88	36	6	0	--	--		
AL MOBILE	94	72	96	70	83	1	0.00	-1.41	0.00	5.08	81	36.87	111	91	44	7	0	0	0		
AL MONTGOMERY	94	70	96	62	82	2	0.13	-1.15	0.13	2.05	33	33.15	106	89	40	7	0	1	0		
AK ANCHORAGE	71	53	78	50	62	4	0.10	-0.23	0.10	0.50	36	3.72	72	72	46	0	0	1	0		
AK BARROW	48	36	62	31	42	3	0.01	-0.16	0.01	0.09	20	0.77	66	94	74	0	1	1	0		
AK FAIRBANKS	74	51	82	46	62	0	0.19	-0.20	0.10	1.59	92	4.04	101	85	47	0	0	2	0		
AK JUNEAU	80	48	72	43	54	-1	--	--	--	--	--	--	--	96	68	0	0	--	--		
AK KODIAK	82	49	89	47	55	2	2.34	1.49	1.52	4.62	83	22.29	68	86	56	0	0	2	2		
AK NOME	56	44	66	40	50	0	0.08	-0.33	0.08	0.83	55	6.55	137	82	68	0	0	1	0		
AZ PHOENIX	109	87	111	82	98	6	0.00	-0.14	0.00	0.00	0	1.81	63	49	19	7	0	0	0		
AZ PRESCOTT	96	64	100	60	80	8	0.45	-0.09	0.36	0.49	49	2.88	37	71	27	7	0	2	0		
AZ TUCSON	103	77	106	73	90	3	0.46	0.06	0.28	0.48	69	1.59	47	69	22	7	0	2	0		
AZ YUMA	110	84	111	77	97	4	0.00	-0.03	0.00	0.00	0	0.61	60	57	22	6	0	0	0		
AR FORT SMITH	83	72	97	66	82	2	0.44	-0.25	0.44	5.67	144	24.03	110	93	42	6	0	1	0		
AR LITTLE ROCK	--	--	--	--	--	--	0.34	-0.45	--	3.56	--	21.80	83	--	--	--	--	--	--		
CA BAKERSFIELD	101	68	109	61	85	2	0.00	0.00	0.00	0.00	0	4.20	110	64	18	7	0	0	0		
CA EUREKA	64	50	69	46	57	1	0.00	-0.03	0.00	0.05	10	29.44	141	91	65	0	0	0	0		
CA FRESNO	102	68	107	63	85	4	0.00	0.00	0.00	0.08	114	8.14	117	69	23	7	0	0	0		
CA LOS ANGELES	77	62	90	59	70	2	0.00	0.00	0.00	0.00	0	8.72	113	94	49	1	0	0	0		
CA REDDING	102	55	109	--	78	--	0.00	-0.05	0.00	0.10	17	27.46	146	69	16	7	0	0	0		
CA SACRAMENTO	100	61	109	57	80	6	0.00	-0.03	0.00	0.00	0	15.85	147	82	21	7	0	0	0		
CA SAN DIEGO	77	66	85	64	72	2	0.00	0.00	0.00	0.00	0	3.87	63	88	54	0	0	0	0		
CA SAN FRANCISCO	78	54	92	51	65	3	0.00	0.00	0.00	0.00	0	18.46	161	86	49	1	0	0	0		
CO DENVER	94	62	99	56	78	6	0.00	-0.44	0.00	1.61	75	4.99	58	66	18	6	0	0	0		
CO GRAND JUNCTION	96	63	100	56	79	1	0.02	-0.15	0.02	0.59	70	4.72	94	58	17	8	0	1	0		
CO PUEBLO	98	60	104	53	79	3	0.01	-0.41	0.01	1.35	83	5.08	98	64	17	6	0	1	0		
CT BRIDGEPORT	75	63	83	62	69	-3	0.39	-0.46	0.20	3.82	91	26.74	121	92	58	0	0	3	0		
CT HARTFORD	80	61	88	59	70	-2	2.06	1.32	1.98	4.37	100	26.84	117	95	52	0	0	2	1		
DC WASHINGTON	86	67	91	61	77	-3	0.48	-0.36	0.28	3.32	81	22.06	115	82	49	2	0	2	0		
FL PANAMA CITY	91	78	93	72	83	3	0.00	-1.96	0.00	2.01	24	21.98	89	86	50	3	0	0	0		
FL DAYTONA BEACH	88	72	93	69	80	-1	1.29	0.04	0.66	12.64	179	36.18	167	98	61	4	0	4	1		
FL JACKSONVILLE	89	73	96	71	81	0	1.97	0.83	1.58	13.27	200	25.85	110	82	52	3	0	3	1		
FL KEY WEST	89	79	90	75	84	0	1.11	0.24	0.59	4.11	71	12.48	75	87	68	4	0	6	1		
FL MIAMI	90	77	92	75	84	1	2.55	1.09	1.84	13.80	132	30.09	114	87	82	5	0	3	1		
FL ORLANDO	89	72	93	69	81	-1	2.29	0.90	1.38	8.79	100	31.19	136	95	53	2	0	3	2		
FL TALLAHASSEE	91	72	98	69	82	1	0.49	-1.44	0.19	5.22	60	25.46	75	94	47	5	0	3	0		
FL TAMPA	87	75	90	70	81	-1	1.54	0.16	0.90	9.96	148	26.45	138	87	54	1	0	3	2		
FL WEST PALM BEACH	90	74	93	71	82	0	1.23	-0.25	0.64	8.28	90	21.39	78	90	57	5	0	3	1		
GA ATLANTA	94	71	98	63	83	4	0.00	-1.09	0.00	1.89	37	25.49	89	75	36	6	0	0	0		
GA AUGUSTA	92	67	100	61	80	-1	0.95	0.01	0.87	2.32	47	16.02	64	88	39	5	0	2	1		
GA MACON	94	70	100	62	82	1	0.31	-0.64	0.25	2.24	51	20.56	80	86	43	5	0	3	0		
GA SAVANNAH	93	72	100	66	83	1	0.69	-0.65	0.62	2.78	41	14.19	67	86	41	5	0	2	1		
HI HILO	84	70	86	67	77	2	2.11	0.16	1.20	11.97	151	64.34	96	93	62	0	0	5	1		
HI HONOLULU	89	76	89	75	83	3	0.00	-0.14	0.00	0.53	84	8.20	73	79	56	0	0	0	0		
HI KAHULUI	88	74	91	71	81	3	0.00	-0.07	0.00	0.20	61	13.00	102	79	58	3	0	0	0		
HI LIHUE	84	75	84	73	79	1	0.51	0.05	0.51	2.01	97	17.81	80	82	66	0	0	1	1		
ID BOISE	92	59	102	48	75	3	0.00	-0.11	0.00	0.13	15	7.41	106	68	15	5	0	0	0		
ID LEWISTON	85	58	95	47	71	-1	0.00	-0.18	0.00	0.65	47	11.09	156	67	28	2	0	0	0		
ID POCATELLO	90	49	100	42	70	1	0.00	-0.17	0.00	0.00	0	7.06	102	68	16	4	0	0	0		
IL CHICAGO	94	60	94	51	72	0	0.00	-0.81	0.00	5.12	115	18.13	106	79	41	1	0	0	0		
IL MOLINE	91	62	--	56	77	--	0.04	-1.06	0.04	2.35	45	17.16	89	82	38	2	0	1	0		
IL PEORIA	87	62	93	54	74	0	0.00	-0.99	0.00	1.89	39	16.29	89	78	37	2	0	0	0		
IL QUINCY	85	65	90	58	75	-1	--	--	--	--	--	--	--	83	42	1	0	--	--		
IL ROCKFORD	84	61	90	52	73	0	0.02	-0.94	0.02	4.99	93	22.19	125	92	37	1	0	1	0		
IL SPRINGFIELD	87	62	92	52	74	-2	0.00	-0.80	0.00	1.97	48	19.35	107	81	37	3	0	0	0		
IN EVANSVILLE	89	64	96	51	76	-2	0.00	-1.02	0.00	4.09	89	33.78	136	80	40	3	0	0	0		
IN FORT WAYNE	85	58	93	49	71	-2	0.05	-0.74	0.05	5.80	132	21.65	121	80	35	2	0	1	0		
IN INDIANAPOLIS	86	62	93	54	74	-1	0.00	-0.97	0.00	5.24	120	28.49	137	78	38	2	0	0	0		
IN SOUTH BEND	82	58	88	46	69	-3	0.00	-0.89	0.00	7.20	147	23.85	124	78	38	0	0	0	0		
IA DES MOINES	85	67	90	62	78	2	0.00	-0.94	0.00	3.11	58	17.88	103	80	39	1	0	0	0		
IA SIOUX CITY	84	63	92	55	73	-2	0.40	-0.38	0.15	5.24	120	14.53	106	92	38	1	0	3	0		
IA WATERLOO	87	63	90	57	75	2	0.03	-1.09	0.03	4.45	82	14.55	86	88	43	1	0	1	0		
KS CONCORDIA	94	69	99	65	82	3	0.00	-0.88	0.00	0.75	14	11.84	75	81	36	7	0	0	0		
KS DODGE CITY	99	68	105	62	84	5	0.00	-0.74	0.00	3.31	89	9.48	82	77	27	7	0	0	0		
KS GOODLAND	95	62	101	56	78	4	0.00	-0.71	0.00	1.38	38	7.80	74	79	31	6	0	0	0		
KS TOPEKA	89	70	97	64	79	2	0.78	-0.15	0.51	7.99	127	19.54	108	90	44	3	0	2	1		
KS WICHITA	96	72	100	68	84	4	1.25	0.31	1.25	2.13	34	9.98	54	83	42	6	0	1	1		
KY BOWLING GREEN	88	65	95	55	76	-1	0.00	-1.08	0.00	5.59	109	31.33	114	95	43	4	0	0	0		
KY LEXINGTON	85	61	94	54	73	-2	0.00	-1.08	0.00	5.39	117	30.72	130	88	44	2	0	0	0		
KY LOUISVILLE	87	66	94	59	77	0	0.00	-0.98	0.00	3.86	86	28.64	119	81	44	3	0	0	0		
LA BATON ROUGE	93	71	95	66	82	0	0.00	-1.40	0.00	6.18	108	30.11	98	96	47	7	0	0	0		
LA LAKE CHARLES	93	75	95	73	84	2	0.05	-1.10	0.05	7.06	119	15.82	80	98	51	7	0	1	0		
LA NEW ORLEANS	93	74	95	72	84	2	0.29	-1.09	0.29	8.83	125	23.30	72	93	47	7	0	1	0		
LA SHREVEPORT	93	73	99	68	83	2	0.24	-0.67	0.24	6.74	136	16.62	61	90	51	5	0	1	0		

Based on 1961-90 normals

Weather Data for the Week Ending July 6, 1996

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN. SINCE JUN 1	PCT. NORMAL SINCE JUN 1	TOTAL IN. SINCE JUN 1	PCT. NORMAL SINCE JUN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	92 AND BELOW	TEMP. °F		PRECIP.	
																		.01 INCH OR MORE	.05 INCH OR MORE	.01 INCH OR MORE	.05 INCH OR MORE
ME CARIBOU	76	68	83	58	67	2	2.48	1.86	1.08	6.90	182	21.46	134	87	64	0	0	3	2		
ME PORTLAND	74	68	80	57	66	-2	0.87	0.14	0.81	2.51	82	23.73	108	96	48	0	0	3	1		
MD BALTIMORE	84	62	88	54	73	-3	0.31	-0.62	0.16	4.20	96	26.47	127	92	60	0	0	3	0		
MD SALISBURY	80	64	87	61	72	-3	0.78	-0.10	0.43	4.96	113	27.89	123	98	68	0	0	2	0		
MA BOSTON	80	63	88	60	71	-1	0.54	-0.09	0.40	2.07	67	22.22	104	88	48	0	0	3	0		
MA CHATHAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MI ALPENA	77	63	88	48	66	-1	0.11	-0.54	0.11	2.41	67	9.74	71	87	44	0	0	1	0		
MI DETROIT	83	60	93	54	72	0	0.00	-0.74	0.00	2.24	63	13.62	84	87	36	1	0	0	0		
MI FLINT	81	66	91	47	68	-1	0.42	-0.19	0.42	4.24	114	14.32	101	84	37	1	0	1	0		
MI GRAND RAPIDS	82	66	90	48	69	-2	0.11	-0.63	0.11	6.44	149	16.68	99	86	36	1	0	1	0		
MI HOUGHTON LAKE	79	62	87	43	66	-1	0.37	-0.21	0.37	6.22	177	14.76	113	91	42	0	0	1	0		
MI LANSING	81	64	89	44	67	-3	0.40	-0.21	0.40	4.66	118	14.12	98	93	38	0	0	1	0		
MI MARQUETTE	78	63	89	43	68	2	0.61	-0.06	0.32	4.56	113	22.99	139	91	38	0	0	3	0		
MI MUSKEGON	78	64	83	46	68	-3	0.33	-0.11	0.33	4.70	174	14.77	101	92	43	0	0	1	0		
MI SAULT ST. MARIE	70	47	80	39	68	-4	0.39	-0.22	0.33	3.74	102	16.43	107	94	53	0	0	3	0		
MN ALEXANDRIA	82	60	88	58	71	1	-	-	-	-	-	-	-	92	46	0	0	-	-		
MN DULUTH	77	66	82	46	68	1	2.78	1.94	1.98	7.82	173	14.08	102	94	47	0	0	2	2		
MN INT'L FALLS	80	65	89	49	68	2	0.78	-0.11	0.66	5.17	110	12.60	109	91	46	0	0	3	1		
MN MINNEAPOLIS	86	62	88	56	74	1	0.60	-0.23	0.60	6.38	113	11.98	83	87	37	0	0	1	1		
MN ROCHESTER	80	61	82	57	71	0	1.16	0.23	1.16	7.81	168	16.12	114	89	41	0	0	1	1		
MS GREENWOOD	94	70	98	64	82	1	-	-	-	-	-	-	-	91	41	7	0	-	-		
MS JACKSON	94	69	99	64	82	1	0.00	-0.86	0.00	3.86	98	30.04	96	86	37	7	0	0	0		
MS MERIDIAN	96	66	99	61	80	0	0.00	-1.12	0.00	1.78	38	26.79	84	93	38	7	0	0	0		
MO CAPE GIRARDEAU	91	68	98	60	80	0	0.00	-0.78	0.00	3.24	79	22.88	91	86	34	4	0	0	0		
MO COLUMBIA	88	66	94	61	77	1	0.02	-0.86	0.02	1.71	37	20.04	102	86	43	2	0	1	0		
MO KANSAS CITY	88	70	94	64	78	0	0.51	-0.62	0.49	7.76	139	22.86	122	90	49	3	0	2	0		
MO SAINT LOUIS	88	68	96	61	78	-1	0.02	-0.89	0.02	4.38	98	23.63	120	81	40	2	0	1	0		
MO SPRINGFIELD	88	67	92	64	77	0	0.30	-0.46	0.30	2.78	48	17.76	80	93	48	4	0	1	0		
MT BILLINGS	92	60	100	53	78	6	0.46	0.19	0.46	1.30	60	8.69	92	68	19	4	0	1	0		
MT GLASGOW	90	68	99	50	74	5	0.02	-0.41	-	2.06	84	4.64	77	74	22	3	0	-	-		
MT GREAT FALLS	87	62	97	41	70	3	0.06	-0.27	0.06	1.17	44	5.82	64	78	17	3	0	2	0		
MT HAVRE	88	61	97	46	69	1	0.00	-0.36	0.00	2.02	100	6.17	99	86	22	3	0	0	0		
MT HELENA	87	49	94	42	68	1	0.43	0.14	0.32	1.66	79	6.29	94	83	21	4	0	2	0		
MT KALISPELL	81	46	89	36	63	1	0.16	-0.16	0.16	1.86	76	14.84	163	91	30	0	0	1	0		
MT MILES CITY	93	62	101	53	78	5	0.06	-0.40	0.06	0.91	29	9.64	113	73	22	6	0	1	0		
MT MISSOULA	86	49	96	39	68	2	0.00	-0.24	0.00	1.92	98	10.17	131	83	22	3	0	0	0		
NE GRAND ISLAND	88	66	91	62	77	1	0.00	-0.71	0.00	4.41	98	17.43	124	83	41	1	0	0	0		
NE LINCOLN	88	66	91	63	77	0	0.00	-0.78	0.00	3.96	88	19.34	132	82	48	2	0	0	0		
NE NORFOLK	86	63	90	59	74	-1	0.03	-0.81	0.03	3.38	98	10.79	76	86	43	1	0	1	0		
NE NORTH PLATTE	91	60	97	62	76	3	0.08	-0.70	0.08	3.99	98	9.70	84	92	41	4	0	1	0		
NE OMAHA	86	67	90	63	76	0	0.71	-0.12	0.69	3.67	81	18.37	120	88	40	1	0	2	1		
NE SCOTTSBLUFF	94	62	103	63	78	5	0.09	-0.45	0.09	1.02	33	8.26	86	80	24	6	0	1	0		
NE VALENTINE	91	62	97	61	76	2	0.27	-0.61	0.27	2.61	63	9.63	80	89	37	8	0	1	0		
NV ELY	83	48	96	39	70	6	0.00	-0.17	0.00	0.06	6	4.62	82	86	8	7	0	0	0		
NV LAS VEGAS	108	81	110	69	96	6	0.00	-0.08	0.00	0.00	0	0.61	26	53	11	7	0	0	0		
NV RENO	92	60	98	44	71	1	0.00	-0.07	0.00	0.71	137	7.08	161	72	18	6	0	0	0		
NV WINNEMUCCA	96	61	99	44	73	2	0.00	-0.09	0.00	0.44	48	5.92	124	80	12	6	0	0	0		
NH CONCORD	78	58	87	64	68	0	0.67	-0.16	0.29	2.84	89	22.80	127	91	48	0	0	3	0		
NJ ATLANTIC CITY	78	62	88	66	70	-3	1.10	0.34	0.86	4.43	134	24.10	118	92	64	0	0	3	1		
NM ALBUQUERQUE	91	68	97	62	79	1	0.61	0.37	0.61	3.11	376	3.60	107	67	24	5	0	1	1		
NM CLOVIS	88	67	91	64	77	1	0.22	-0.36	0.22	6.42	192	7.42	98	80	35	2	0	1	0		
NM ROSWELL	96	69	99	68	82	2	0.00	-0.36	0.00	2.68	140	3.02	86	78	26	7	0	0	0		
NY ALBANY	77	59	86	56	68	-3	1.18	0.46	0.56	4.54	106	21.22	116	92	63	0	0	3	1		
NY BINGHAMTON	74	57	81	52	66	-3	0.70	-0.10	0.67	6.23	145	22.66	122	94	68	0	0	4	1		
NY BUFFALO	76	60	81	56	68	-3	0.07	-0.61	0.07	5.50	134	22.22	124	83	48	0	0	1	0		
NY NEW YORK	78	64	88	57	71	-4	1.01	0.11	0.53	6.13	118	22.48	104	90	63	0	0	3	1		
NY ROCHESTER	78	66	86	56	68	-1	0.30	-0.31	0.22	6.83	197	22.21	144	89	62	0	0	3	0		
NY SYRACUSE	77	60	87	54	69	-1	1.20	0.32	0.80	4.54	100	18.86	102	87	62	0	0	3	1		
NC ASHEVILLE	89	61	-	62	76	-	0.02	-1.00	0.02	3.66	62	21.38	74	92	41	2	0	1	0		
NC CHARLOTTE	89	69	96	62	79	0	0.63	-0.32	0.53	3.08	76	20.96	92	78	41	4	0	1	1		
NC GREENSBORO	88	65	93	58	77	0	0.13	-0.87	0.13	0.78	16	18.77	90	81	43	3	0	1	0		
NC HATTERAS	80	69	83	64	76	-3	1.46	0.44	0.67	6.06	121	-	-	90	84	0	0	4	1		
NC NEW BERN	88	69	96	60	79	0	0.22	-1.28	0.22	5.72	86	22.88	84	91	54	3	0	1	0		
NC RALEIGH	91	66	97	64	78	1	0.08	-0.80	0.08	3.11	70	20.30	92	86	40	4	0	1	0		
NC WILMINGTON	87	69	94	64	78	-1	1.98	0.62	1.06	9.94	161	24.26	90	96	69	2	0	2	2		
ND BISMARCK	84	69	88	63	71	2	1.42	0.88	0.82	3.71	117	8.66	99	87	44	0	0	3	1		
ND FARGO	83	67	89	60	70	0	0.16	-0.48	0.13	1.29	38	6.37	64	87	41	0	0	2	0		
ND GRAND FORKS	84	80	88	66	72	4	0.36	-0.													

Weather Data for the Week Ending July 6, 1996

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN. SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL IN. SINCE Jun 1	PCT. NORMAL SINCE Jun 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.		
																90 AND ABOVE	92 AND BELOW	.01 INCH OR MORE	.05 INCH OR MORE	
OK TOLEDO	86	57	96	49	71	0	0.00	-0.78	0.00	4.89	111	17.88	108	77	35	2	0	0	0	
OK YOUNGSTOWN	78	58	88	48	68	-2	0.28	-0.66	0.26	4.22	89	21.00	112	84	46	0	0	2	0	
OK OKLAHOMA CITY	104	73	110	70	89	8	0.16	-0.54	0.10	2.37	49	8.54	46	82	29	7	0	2	0	
OK TULSA	99	75	111	69	87	5	0.00	-0.78	0.00	3.96	79	10.19	47	79	39	6	0	0	0	
OR ASTORIA	86	50	72	44	58	-1	0.28	-0.06	0.26	1.86	63	44.02	128	94	61	0	0	2	0	
OR BURNS	87	45	92	40	66	2	0.00	-0.11	0.00	0.86	73	7.84	147	76	19	1	0	0	0	
OR MEDFORD	90	54	97	46	72	1	0.00	-0.06	0.00	0.22	36	14.31	155	72	23	4	0	0	0	
OR PENDLETON	86	55	96	46	71	-1	0.00	-0.08	0.00	0.46	67	8.74	132	76	23	2	0	0	0	
OR PORTLAND	80	56	86	50	68	1	0.11	-0.07	0.07	0.82	39	31.18	165	83	38	0	0	2	0	
OR SALEM	81	53	86	42	67	2	0.02	-0.15	0.02	0.77	53	34.18	168	84	33	0	0	1	0	
PA ALLENTOWN	79	59	86	53	69	-4	2.58	1.68	1.33	5.50	122	25.68	118	89	53	0	0	3	2	
PA ERIE	77	80	84	50	69	-2	0.00	-0.80	0.00	8.41	177	25.12	132	86	50	0	0	0	0	
PA HARRISBURG	83	64	88	57	73	-2	1.82	0.79	..	7.09	156	26.44	125	90	51	0	0	..	..	
PA PHILADELPHIA	79	63	86	59	71	-3	2.29	1.23	1.97	5.96	105	22.82	97	89	57	0	0	3	1	
PA PITTSBURGH	80	58	90	50	69	-3	0.91	0.06	0.52	8.58	183	26.72	136	88	44	1	0	3	1	
PA SCRANTON	77	58	85	51	67	-3	0.87	-0.01	0.59	4.06	86	23.89	129	90	50	0	0	3	1	
RI PROVIDENCE	78	61	86	59	69	-2	1.11	0.39	0.62	3.03	77	21.07	90	92	53	0	0	3	1	
SC CHARLESTON	90	71	99	68	81	0	0.85	-0.86	0.83	4.39	57	16.17	59	87	42	4	0	2	1	
SC COLUMBIA	93	70	101	66	81	1	0.34	-0.83	0.32	1.91	33	17.64	67	79	39	4	0	2	0	
SC FLORENCE	86	69	93	64	77	-3	0.00	-1.19	0.00	5.00	91	15.76	89	97	57	1	0	0	0	
SC GREENVILLE	91	67	98	58	79	2	0.00	-1.08	0.00	4.03	70	29.10	104	82	38	4	0	0	0	
SD ABERDEEN	82	59	87	56	70	-1	0.48	-0.26	0.18	4.80	115	12.32	111	93	46	0	0	3	0	
SD HURON	83	61	89	53	72	-1	0.58	-0.10	0.34	2.36	80	9.30	79	87	45	0	0	4	0	
SD RAPID CITY	89	57	94	48	73	3	0.34	-0.20	0.34	1.57	45	13.53	134	88	37	6	0	1	0	
SD SIOUX FALLS	83	61	90	53	72	-1	0.26	-0.39	0.22	1.72	44	9.53	77	91	42	1	0	3	0	
TN CHATTANOOGA	92	67	95	60	80	2	0.00	-1.06	0.00	3.52	79	28.38	98	82	33	6	0	0	0	
TN KNOXVILLE	88	66	94	56	77	1	0.01	-1.06	0.01	2.95	80	27.37	104	88	43	3	0	1	0	
TN MEMPHIS	92	72	98	64	82	0	0.00	-0.85	0.00	10.18	237	33.27	117	77	38	5	0	0	0	
TN NASHVILLE	90	68	95	58	79	0	0.00	-0.88	0.00	3.54	82	23.27	90	81	38	4	0	0	0	
TX ABILENE	96	74	102	69	86	3	0.11	-0.39	0.11	2.83	87	9.32	79	67	27	7	0	1	0	
TX AMARILLO	95	65	101	62	80	2	0.00	-0.63	0.00	2.92	70	5.15	52	80	27	6	0	0	0	
TX AUSTIN	97	73	100	72	86	2	0.00	-0.56	0.00	4.41	107	9.37	54	86	34	7	0	0	0	
TX BEAUMONT	93	74	94	73	84	1	0.00	-1.24	0.00	10.25	164	17.47	84	98	62	7	0	0	0	
TX BROWNSVILLE	94	74	96	73	84	0	0.58	-0.12	0.48	0.59	19	1.38	13	93	47	7	0	3	0	
TX CORPUS CHRISTI	94	71	96	69	83	-1	0.01	-0.57	0.01	1.11	29	3.97	29	96	44	7	0	1	0	
TX DEL RIO	102	78	108	67	89	8	0.00	-0.45	0.00	0.02	1	2.25	18	82	24	7	0	0	0	
TX EL PASO	94	70	99	65	82	0	0.00	-0.30	0.00	2.36	248	3.14	122	86	23	8	0	0	0	
TX FORT WORTH	102	78	105	74	90	8	0.00	-0.56	0.00	3.46	93	10.26	51	73	32	7	0	0	0	
TX GALVESTON	89	79	91	78	84	2	0.00	-0.92	0.00	1.34	26	6.06	32	85	59	3	0	0	0	
TX HOUSTON	94	72	96	71	83	1	0.00	-1.15	0.00	6.77	98	12.02	45	96	47	7	0	0	0	
TX LUBBOCK	94	69	99	67	82	2	0.17	-0.39	0.17	2.97	92	5.83	98	77	28	6	0	1	0	
TX MIDLAND	97	72	100	66	84	3	0.00	-0.35	0.00	1.89	111	3.42	55	67	26	7	0	0	0	
TX SAN ANGELO	99	70	102	68	85	3	0.08	-0.20	0.08	1.89	75	6.95	69	81	24	7	0	1	0	
TX SAN ANTONIO	99	74	101	73	86	2	0.00	-0.57	0.00	2.09	49	4.50	28	83	32	7	0	0	0	
TX VICTORIA	94	73	95	72	84	1	0.00	-1.02	0.00	6.54	120	9.88	46	96	46	7	0	0	0	
TX WACO	101	76	103	73	89	4	0.00	-0.54	0.00	2.28	62	8.12	46	80	30	7	0	0	0	
TX WICHITA FALLS	106	62	109	..	84	..	0.14	-0.36	0.14	0.81	19	3.26	19	73	22	7	0	1	0	
UT CEDAR CITY	95	65	98	54	80	7	0.23	0.06	0.21	0.35	59	5.24	96	48	18	7	0	1	0	
UT SALT LAKE CITY	98	68	103	54	81	5	0.04	-0.15	0.04	0.13	12	11.02	118	58	18	7	0	1	0	
VT BURLINGTON	77	59	85	52	68	-2	1.19	0.39	0.89	5.85	136	23.75	150	92	46	0	0	5	1	
VA NORFOLK	80	66	85	61	73	-4	0.34	-0.73	0.19	6.78	141	27.34	120	91	55	0	0	2	0	
VA RICHMOND	85	64	88	57	75	-3	0.35	-0.71	0.28	3.71	81	18.29	85	83	51	0	0	3	0	
VA ROANOKE	84	63	94	53	74	-1	0.98	0.17	0.98	6.77	225	28.06	138	84	44	2	0	1	1	
WA QUILLAYUTE	85	48	74	40	56	-2	0.07	-0.54	0.06	2.28	64	49.88	91	94	59	0	0	2	0	
WA SEATTLE-TACOMA	74	53	79	50	64	0	0.22	0.02	0.13	0.81	49	25.97	139	84	41	0	0	2	0	
WA SPOKANE	81	52	90	44	66	-1	0.15	-0.04	0.13	1.46	104	11.93	132	81	29	1	0	2	0	
WA YAKIMA	86	50	95	42	68	0	0.00	-0.06	0.00	0.04	7	5.19	124	84	23	2	0	0	0	
WV BECKLEY	77	58	86	47	68	-1	1.28	0.22	1.25	5.46	114	28.11	131	92	53	0	0	2	1	
WV CHARLESTON	82	60	89	51	71	-3	0.73	-0.34	0.70	4.94	109	29.12	135	98	48	0	0	2	1	
WV HUNTINGTON	85	63	92	53	74	1	0.28	-0.81	0.28	4.67	106	29.12	133	98	48	2	0	1	0	
WV PARKERSBURG	84	59	91	48	71	-2	0.00	-0.97	0.00	5.51	119	27.02	123	95	43	1	0	0	0	
WI GREEN BAY	81	58	87	50	69	0	0.64	-0.07	0.64	6.23	156	15.18	112	90	44	0	0	1	1	
WI LACROSSE	85	63	88	59	74	1	0.45	-0.40	..	6.51	140	15.45	106	93	38	0	0	..	..	
WI MADISON	82	58	96	54	70	-1	0.40	-0.48	0.38	8.43	187	18.19	118	95	43	0	0	2	0	
WI MILWAUKEE	80	62	90	52	71	1	0.02	-0.75	0.02	5.02	128	13.52	84	79	43	1	0	1	0	
WI WAUSAU	81	60	84	54	70	1	0.46	-0.41	0.40	9.03	190	17.54	117	92	41	0	0	2	0	
WY CASPER	93	52	98	40	72	3	0.00	-0.32	0.00	0.87	51	5.38	71	72	18	6	0	0	0	
WY CHEYENNE	89	56	94	52	73	6	0.48	0.00	0.48	2.17	87	8.01	99	69	22	4	0	1	0	
WY LANDER	82	59	97	49	76	6	0.00	-0.23	0.00	0.39	24	6.22	75	51	12	6	0	0	0	
WY SHERIDAN	93	59	101	47	76	8	0.00	-0.29	0.00	1.31	53	8.37	93	74	26	5	0	0	0	
PR SAN JUAN	90	77	90	76	83	0	..	..	..	..	..	..	..	84	53	1	0	..	..	

Based on 1961-90 normals

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

## June Weather and Crop Summary

### Weather

Late-month rainfall substantially boosted soil moisture and eased drought in New Mexico and western Texas, but drought intensified elsewhere across the Southwest and southern Plains. New Mexico's year-to-date precipitation improved to 82 percent (%) of normal by month's end, up from 38% on June 23. Farther north, an early-month cessation of heavy rain promoted Midwestern planting and crop development, broken only by torrential precipitation across the northern Corn Belt on June 16-18. In the Southeast, a turn toward dryness, accompanied by late-month heat, began to stress crops.

June temperatures averaged 2 to 4°F above normal across the interior Northeast and in a belt from the Southwest into the northern Plains. Near-normal readings prevailed from the Mississippi Valley to the Southeast. Only the Pacific Northwest, where departures reached -2°F, experienced sub-normal June temperatures. Cold air cloaked interior basins and valleys of the Northwest on June 19, producing lows of 21°F in Burns, OR and 29°F in Butte, MT. Temperatures dipped into the 30's in agricultural areas, including lows of 37°F in Spokane, WA and 39°F in Pendleton, OR. Earlier in the month (June 1-10), heat across the West delivered nearly 100 daily-record highs.

In Paducah, KY, all but 0.04 inches of the 7.78-inch monthly rainfall occurred between June 1-10. The month's heaviest rain fell on June 9 in locations such as Paducah (3.60 inches), Evansville, IN (3.67 inches), and South Bend, IN (2.51 inches). On June 16-18, widespread small-stream flooding resulted from rainfall that totaled 13.52 inches in Port Washington, WI. Farther east, localized flooding struck on June 18-19 in the northern Middle Atlantic region, where 24-hour totals reached 10.72 inches in Gettysburg, PA. A 7.95-inch monthly total in Pittsburgh, PA represented their fourth-wettest June. Farther south, frequent thunderstorms over Peninsular Florida boosted monthly totals to more than a foot at a few coastal sites.

In contrast, no rain fell during June in Tucson, AZ, extending their third-longest dry spell on record to 108 days. In addition, Tucson's monthly temperature averaged 3.6°F above normal, marking their 12th consecutive month with above-normal readings. Farther east, the monthly rainfall of 0.01 inches in Brownsville, TX wrapped up their driest January-June period on record (0.80 inches), shattering the mark of 1.58 inches, set in 1953. Also in southern Texas, San Antonio's monthly total of 2.12 inches (1.69 inches below normal) boosted their January-June total to a mere 5.26 inches, ahead of only 1925 and 1917. Levels of the International Amistad and Falcon Reservoirs, already at record-low levels, continued to fall during June, dropping to 31% and 12% of normal conservation-pool capacities, respectively. The holdings of Choke Canyon (south of San Antonio), also at a record low, slipped to 29% of normal.

Hawaiian temperatures and precipitation averaged slightly above normal at most observing stations. Monthly temperatures in Alaska averaged near normal despite large day-to-day oscillations. On the 5th and 6th, the most widespread freeze since 1982 struck the Yukon and Tanana Valleys. Monthly records set on June 5 included 28°F in Circle City and 29°F in Northway. Northway's low of 31°F on June 15 marked their latest freeze on record. Three days later, Barrow notched a June-record high of 72°F. Alaskan precipitation was highly variable. While Anchorage noted 0.50 inches (44% of normal), Juneau logged a June-record 6.22 inches. On the last day of the month, Juneau's 2.26-inch rainfall was their greatest single-day June total.

### Fieldwork

Rain and soggy fields in early June limited planting progress in the eastern Corn Belt. Some Midwestern row-crop producers started planting 3 weeks behind schedule. The first week of the month had fewer than 2 days suitable for fieldwork in parts of the Ohio Valley. Planting delays and the need to replant some row crops forced producers in the Corn Belt to choose between planting corn later than normal or switching to soybeans. Weed growth was accelerated in the Midwest by wet fields that prevented producers from cultivating and spraying herbicides. In the northern Great Plains, late-season planting progressed rapidly in early June, but remained behind normal. In the Southwest, the prolonged drought lowered crop conditions and stressed crops. Isolated thunderstorms in New Mexico brought more danger from lightning-created fires than moisture. The prolonged cool, damp weather in the Midwest combined with thin wheat stands to raise wheat producers' concern for weed and disease problems. Corn planting neared completion in early June, slightly behind normal. Prolonged wet, cool weather yellowed and slowed corn development in the western Corn Belt. The continued dry weather in the Southwest slowed cotton planting and caused heat stress in some cotton fields. Soybean planting was postponed early in June by some producers until they completed corn planting.

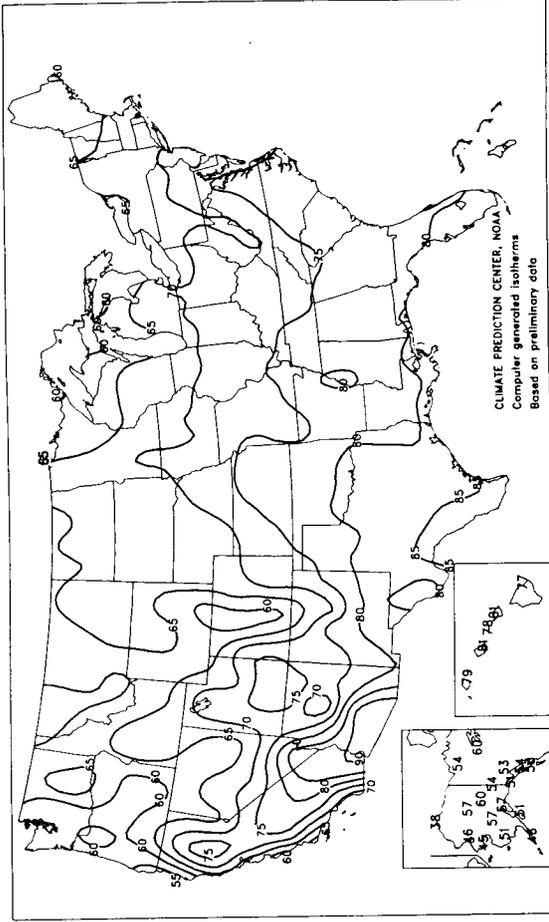
By mid-June, rains across the eastern Corn Belt left most fields too wet for field activity. Planting progress remained behind schedule in the Ohio Valley where, for the second week in a row, only 1 to 2 days were suitable for fieldwork. Fields remained wet across the Corn Belt despite warmer weather, preventing producers from completing corn planting. Corn producers replanted some fields around the wet spots, but many switched from corn to other crops. In the Corn Belt, warm weather was needed for crop development to get back on schedule. Thunderstorms across the Delta slowed the wheat harvest. Drier fields allowed herbicide application and weed control in the Southeastern States. In the Southwest, scattered rain was offset by above-normal temperatures.

Later in the month, heavy rains across the western and northern Corn Belt caused localized flooding and ponding. Farmers in the Midwest who completed planting were deterred from cultivating and spraying for weed control. Hot weather in the middle Mississippi and Ohio Valleys pushed crop development and helped dry fields. In the Dakotas, warmer weather boosted crop development and allowed planting to proceed ahead of normal. Hot, humid weather over the Southeast lowered soil moisture levels.

The end of June brought long-awaited warm, sunny weather across the Central States that dried fields and allowed farmers to complete row-crop planting. The warmer weather at month's end stimulated crop development in the Corn Belt that had been suppressed by the persistent cool, wet spring. In the Midwest, the favorable weather accelerated plant growth and left some corn fields too tall to cultivate for weed control. Over the northern Great Plains, hot, humid weather stimulated crop development, but increased grasshopper populations. Month's end brought widespread rains and some relief to drought-stricken farmers and ranchers in the Southwest. June ended with the Nation's wheat harvest nearing the halfway mark, slightly behind schedule. Winter wheat condition improved slightly during June and finished the month mostly fair to good. By the end of June, soybean planting neared completion. Corn grew rapidly in the Midwest at month's end due to warm, sunny weather and favorable soil moisture, with light insect pressure reported. As June concluded, uneven corn development was apparent from the wet spring conditions that delayed planting and required significant replanting.

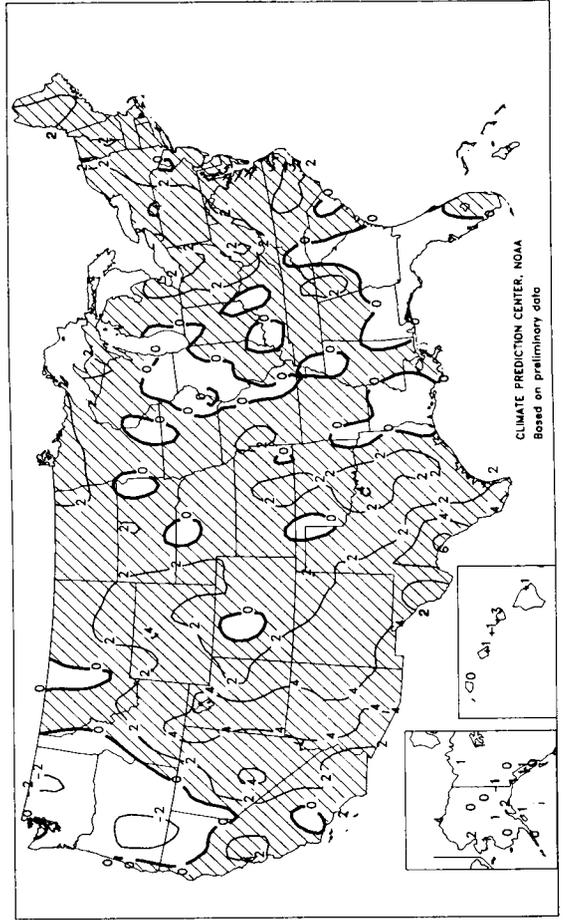
Average Temperature (°F)

JUN 1996



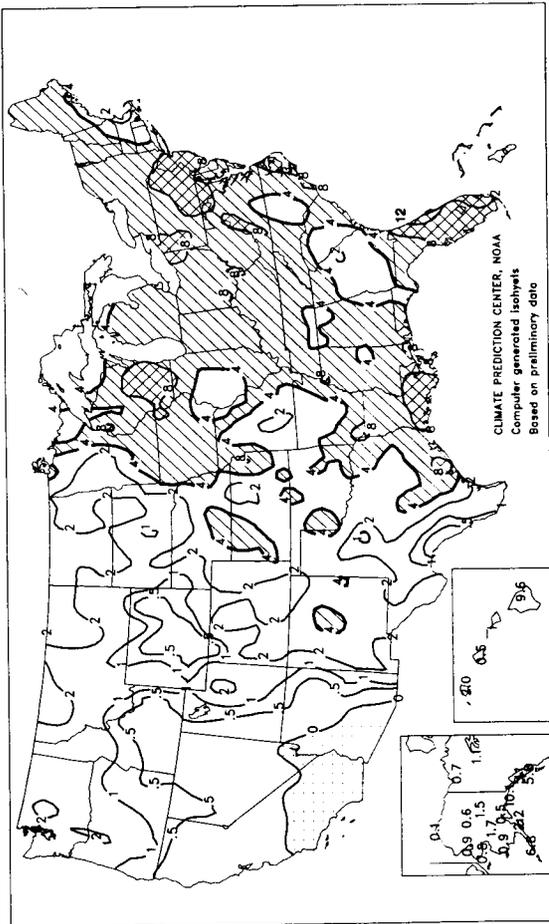
Departure of Average Temperature from Normal (°F)

JUN 1996



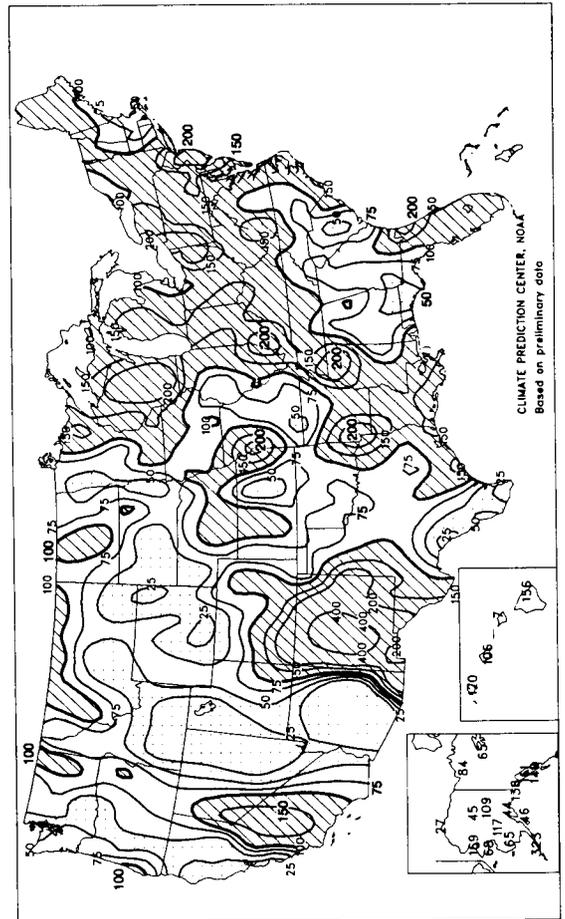
Total Precipitation (inches)

JUN 1996



Percent Of Normal Precipitation

JUN 1996



## TEMPERATURE AND PRECIPITATION SUMMARY June 1996

STATES AND STATIONS	TEMP. °F		PRECIP.		STATES AND STATIONS	TEMP. °F		PRECIP.		STATES AND STATIONS	TEMP. °F		PRECIP.	
	AVERAGE	DEPARTURE	TOTAL	DEPARTURE		AVERAGE	DEPARTURE	TOTAL	DEPARTURE		AVERAGE	DEPARTURE	TOTAL	DEPARTURE
AL BIRMINGHAM	77	1	1.92	-1.81	LA BATON ROUGE	79	-2	2.08	-2.40	OK YOUNGSTOWN	68	1	4.06	0.12
AL HUNTSVILLE	78	0	2.64	-1.69	LA LAKE CHARLES	80	0	7.22	2.26	OK OKLAHOMA CITY	78	1	2.21	-2.10
AL MOBILE	79	-2	5.18	0.14	LA NEW ORLEANS	80	0	8.64	2.80	OK TULSA	78	1	3.96	-0.48
AL MONTGOMERY	78	0	1.92	-3.10	ME SHREVEPORT	78	0	6.60	2.27	OR ASTORIA	68	0	1.38	-1.02
AK ANCHORAGE	67	3	0.60	-0.64	ME CARIBOU	82	2	3.42	0.61	OR BURNS	68	0	0.66	-0.17
AK BARROW	38	4	0.07	-0.21	ME PORTLAND	63	0	1.80	-1.64	OR MEDFORD	66	-1	0.22	-0.36
AK FAIRBANKS	80	0	1.56	0.19	MD BALTIMORE	73	1	4.08	0.41	OR PENDLETON	84	-2	0.46	-0.18
AK JUNEAU	54	1	6.22	3.07	MA SALISBURY	73	1	4.49	0.86	OR PORTLAND	84	0	0.65	-0.83
AK KODIAK	51	1	2.35	-2.43	MA BOSTON	68	0	1.24	-1.85	OR SALEM	61	0	0.69	-0.75
AK NOME	44	-1	0.78	-0.36	MI CHATHAM	--	--	--	--	PA ALLENTOWN	69	0	4.46	0.70
AZ FLAGSTAFF	82	2	0.00	-0.40	MI ALPENA	82	0	2.30	-0.74	PA ERIE	68	2	8.41	4.32
AZ PHOENIX	92	4	0.00	-0.13	MI DETROIT	71	3	2.38	-1.23	PA HARRISBURG	74	3	6.33	2.48
AZ PRESCOTT	74	--	0.04	-0.42	MI FLINT	68	2	3.91	0.70	PA PHILADELPHIA	73	2	4.73	0.63
AZ TUSCON	87	4	0.00	-0.20	MI GRAND RAPIDS	68	1	6.33	2.65	PA PITTSBURGH	72	4	7.95	4.24
AZ WINSLOW	78	4	0.00	-0.31	MI HOUGHTON LAKE	64	1	5.85	2.83	PA SCRANTON	88	1	3.90	-0.08
AZ YUMA	99	1	0.00	-0.02	MI LANSING	67	1	4.15	0.80	PA WILLIAMSPORT	70	3	4.86	--
AR FORT SMITH	78	1	5.23	1.84	MI MARQUETTE	82	3	3.94	0.46	RI PROVIDENCE	68	1	2.16	-1.17
AR LITTLE ROCK	--	--	3.22	-0.99	MI MUSKEGON	84	-1	4.37	2.02	SC CHARLESTON	78	0	4.04	-2.39
CA BAKERSFIELD	77	-1	0.00	-0.10	MI SAULT ST. MARIE	69	1	3.36	0.21	SC COLUMBIA	78	1	1.67	-3.23
CA BISHOP	--	--	--	--	MI ALEXANDRIA	87	1	--	--	SC FLORENCE	77	-1	2.39	-2.02
CA EUREKA	66	0	0.06	-0.46	MI DULUTH	61	1	5.08	1.24	SC GREENVILLE	76	0	4.03	-0.74
CA FRESNO	78	1	0.15	0.07	MI INT'L FALLS	64	2	4.41	0.48	SD ABERDEEN	67	0	4.12	0.77
CA LOS ANGELES	67	2	0.00	-0.03	MI MINNEAPOLIS	67	-1	4.78	0.71	SD HURON	89	1	1.78	-1.67
CA REDDING	77	1	0.10	-0.46	MI ROCHESTER	68	0	6.46	2.73	SD RAPID CITY	65	1	1.24	-1.82
CA SACRAMENTO	73	2	0.00	-0.12	MI ST. CLOUD	86	1	--	--	SD SIOUX FALLS	69	1	1.14	-2.26
CA SAN DIEGO	68	1	0.00	-0.07	MS GREENWOOD	80	1	0.61	-3.77	TN BRISTOL	71	0	3.36	-0.18
CA SAN FRANCISCO	82	0	0.00	-0.11	MS JACKSON	79	0	3.86	0.84	TN CHATTANOOGA	78	1	3.62	0.00
CA SANTA MARIA	61	0	0.03	0.00	MS MERIDIAN	77	-1	1.78	-1.87	TN KNOXVILLE	74	1	2.94	-1.03
CO ALAMOSA	60	1	1.18	0.49	MS TUPELO	77	0	8.68	4.84	TN MEMPHIS	78	-1	10.18	6.61
CO CO. SPRINGS	66	1	1.68	-0.67	MO CAPE GIRARDEAU	71	1	3.24	-0.23	TN NASHVILLE	76	0	3.68	0.11
CO DENVER	68	1	1.77	-0.02	MO COLUMBIA	72	0	1.86	-2.05	TX ABILENE	80	0	2.61	-0.25
CO GRAND JUNCTION	73	0	0.67	-0.14	MO KANSAS CITY	74	1	7.51	2.79	TX AMARILLO	78	1	2.92	-0.78
CO PUEBLO	71	0	1.34	0.09	MO SAINT LOUIS	75	-1	3.72	0.00	TX AUSTIN	82	1	4.48	0.76
CT BRIDGEPORT	68	0	3.63	0.17	MO SPRINGFIELD	73	0	2.46	-2.71	TX BEAUMONT	80	0	10.25	4.66
CT HARTFORD	69	1	2.39	-1.36	MT BILLINGS	67	2	0.84	-1.15	TX BROWNSVILLE	85	2	0.01	-2.72
DC WASHINGTON	77	1	3.14	-0.24	MT GLASGOW	65	1	2.03	-0.08	TX CORPUS CHRISTI	83	1	2.14	-1.24
FL PANAMA CITY	79	1	2.01	-4.67	MT GREAT FALLS	61	0	1.63	-0.86	TX DEL RIO	88	6	0.02	-2.81
FL DAYTONA BEACH	78	-1	11.36	5.36	MT HAVRE	64	0	2.02	0.28	TX EL PASO	83	3	2.36	1.69
FL FT. MYERS	81	-1	13.13	3.61	MT HELENA	62	-1	1.28	-0.69	TX FORT WORTH	83	4	3.42	0.13
FL JACKSONVILLE	78	-1	11.41	5.96	MT KALISPELL	69	1	1.70	-0.61	TX GALVESTON	83	2	4.89	0.46
FL KEY WEST	83	-1	3.21	-1.88	MT MILES CITY	80	2	0.86	-1.91	TX HOUSTON	81	0	8.38	2.29
FL MIAMI	83	1	11.67	2.34	MT MISSOULA	60	1	1.92	0.14	TX LAREDO	--	--	--	--
FL ORLANDO	82	1	6.51	-0.81	NE GRAND ISLAND	72	1	4.41	0.60	TX LUBBOCK	79	1	2.80	0.05
FL TALLAHASSEE	79	0	4.74	-2.19	NE LINCOLN	73	0	3.95	0.06	TX MIDLAND	81	3	1.71	0.32
FL TAMPA	81	0	8.96	3.48	NE NORFOLK	71	0	2.69	-1.77	TX SAN ANGELO	82	3	1.81	-0.52
FL WEST PALM BEACH	81	0	7.78	-0.25	NE NORTH PLATTE	69	1	3.87	0.50	TX SAN ANTONIO	84	2	2.12	-1.69
GA ATHENS	76	0	2.99	-0.94	NE OMAHA	73	1	2.96	-0.91	TX VICTORIA	83	1	9.36	1.77
GA ATLANTA	79	3	1.89	-1.87	NE SCOTT'SBLUFF	69	2	1.02	-1.82	TX WACO	82	1	2.37	-0.91
GA AUGUSTA	77	-1	4.10	-0.03	NE VALENTINE	68	-1	2.34	-1.12	TX WICHITA FALLS	82	3	1.69	-1.98
GA MACON	77	-1	1.94	-1.64	NV ELKO	63	1	0.13	-0.78	UT BLANDING	--	--	--	--
GA SAVANNAH	79	0	2.43	-3.23	NV ELY	62	3	0.06	-0.82	UT CEDAR CITY	72	5	0.00	-0.43
HI HILO	77	2	10.31	4.11	NV LAS VEGAS	87	2	0.00	-0.12	UT SALT LAKE CITY	73	4	0.09	-0.84
HI HONOLULU	81	2	0.63	0.03	NV RENO	64	-1	0.71	0.25	VT BURLINGTON	66	1	4.62	1.05
HI KAHULUI	81	3	0.02	-0.25	NH WINNEMUCCA	65	0	0.44	-0.42	VA LYNCHBURG	74	2	2.57	-0.88
HI LIHUE	79	1	3.86	2.17	NH CONCORD	66	1	3.09	-0.06	VA NORFOLK	75	1	6.81	2.79
ID BOISE	67	0	0.13	-0.68	NJ ATLANTIC CITY	61	1	3.98	1.34	VA RICHMOND	75	1	4.35	0.73
ID LEWISTON	64	-3	0.85	-0.60	NM ALBUQUERQUE	77	3	2.86	2.27	VA ROANOKE	73	1	7.65	4.46
ID POCATELLO	63	1	0.03	-0.99	NM CLOVIS	78	3	5.01	2.17	VA COLVILLE	--	--	--	--
IL CAIRO	--	--	--	--	NM ROSWELL	81	3	2.66	1.05	WA QUILLAYUTE	65	-1	2.20	-0.92
IL CHICAGO	68	-1	4.82	1.04	NY ALBANY	68	1	3.58	-0.04	WA SEATTLE-TACOMA	80	0	0.59	-0.91
IL MOLINE	71	0	2.35	-1.92	NY BINGHAMTON	65	1	5.80	2.20	WA SPOKANE	80	-2	1.31	0.05
IL PEORIA	71	0	2.08	-1.91	NY BUFFALO	68	2	5.20	1.85	WA WALLA WALLA	68	0	--	--
IL QUINCY	71	-1	--	--	NY NEW YORK	71	0	4.59	1.02	WA YAKIMA	63	-1	0.04	-0.49
IL ROCKFORD	69	0	4.97	0.45	NY ROCHESTER	68	3	6.67	3.67	WV BECKLEY	69	3	4.19	0.35
IL SPRINGFIELD	73	0	1.99	-1.44	NY SYRACUSE	68	3	3.05	-0.74	WV CHARLESTON	72	0	3.59	0.00
IN EVANSVILLE	74	-1	7.78	4.07	NC ASHEVILLE	69	0	3.53	-1.31	WV ELKINS	67	2	5.18	--
IN FORT WAYNE	71	1	5.55	1.98	NC CHARLOTTE	77	1	2.55	-0.84	WV HUNTINGTON	73	3	4.40	0.97
IN INDIANAPOLIS	72	0	5.18	1.67	NC GREENSBORO	75	2	0.65	-3.16	WV PARKERSBURG	72	1	3.41	-0.35
IN SOUTH BEND	69	0	7.20	3.09	NC HATTERAS	78	2	5.06	0.95	WV GREEN BAY	68	2	5.67	2.18
IA DES MOINES	71	1	3.15	-1.43	NC NEW BERN	78	2	5.50	0.12	WV LACROSSE	69	0	6.06	2.16
IA DUBUQUE	68	0	5.34	1.21	NC RALEIGH	78	2	3.28	-0.40	WV MADISON	67	-1	9.71	5.97
IA SIOUX CITY	71	1	4.39	0.88	NC WILMINGTON	77	1	7.99	3.10	WV MILWAUKEE	65	0	5.48	2.24
IA WATERLOO	71	1	4.42	-0.05	ND BISMARCK	85	1	2.83	0.21	WV WAUSAU	66	1	8.67	4.56
KS CONCORDIA	75	2	0.77	-3.72	ND FARGO	66	1	1.33	-1.49	WV CASPER	84	2	0.83	-0.83
KS DODGE CITY	75	1	3.31	0.21	ND GRAND FORKS	68	4	1.08	-1.76	WV CHEYENNE	84	2	1.69	-0.39
KS GOODLAND	70	1	1.36	-1.83	ND WILLISTON	65	0	2.01	-0.27	WV LANDER	66	3	0.39	-1.07
KS TOPEKA	75	2	7.97	2.43	OH AKRON-CANTON	69	1	6.65	3.47	WV SHERIDAN	65	3	1.31	-0.94
KS WICHITA	77	3	2.06	-3.52	OH CINCINNATI	71	0	5.84	2.00	PR SAN JUAN	81	-1	--	--
KY BOWLING GREEN	74	0	3.82	-0.55	OH CLEVELAND	69	2	3.89	0.19					
KY JACKSON	72	0	4.35	0.10	OH COLUMBUS	72	3	3.82	0.03					
KY LEXINGTON	72	0	5.10	1.44	OH DAYTON	71	1	6.04	2.22					
KY LOUISVILLE	74	1	3.84	0.38	OH MANSFIELD	69	1	5.34	--					
KY PADUCAH	75	0	7.78	4.29	OH TOLEDO	71	3	4.89	1.14					

Based on 1961-90 normals.

## National Agricultural Summary

July 1 - 7, 1996

### HIGHLIGHTS

**Good corn-growing weather across the Midwest nearly doubled the height of corn plants in some States. Sunny, dry weather was beneficial to row-crop development and improved crop conditions. In the middle Mississippi Valley, dry weather allowed the wheat producers to increase harvest activity. Hot, arid weather in the western Corn Belt produced reports of some row-crop fields beginning to show signs of heat stress. Germination of late-planted soybeans in Indiana was slow due to the lack of**

**adequate soil moisture. Continued above-normal temperatures and the lack of significant rains in the Southeast caused soil-moisture levels and crop conditions to decline. Warm weather over the northern Great Plains quickened crop development. Scattered showers over Arizona and New Mexico brought much-needed moisture and improved range and pasture conditions. Warmer weather in California improved row-crop development and allowed field activities to progress rapidly.**

The Nation's **winter wheat** crop was in mostly fair to good condition. Wheat harvested for the 19 major producing States was 57 percent (%) complete, up 17 percentage points from the week earlier and 2 points ahead of the 5-year average. Favorable weather allowed the wheat harvest to accelerate in the Midwest, where wheat harvested in Illinois was up 36 points from the previous week. Extremely hot weather in Kansas and sparse showers helped promote wheat harvest activity, despite continued problems with weeds. Wheat harvested in Kansas at 79% complete was up 37 points from the previous week and 8 points ahead of the average. Wheat combines moved through Nebraska, where hot, dry weather hastened the dry down of wheat fields. Disease problems were reported in Michigan as a result of previous unsuitable weather. Harvest activity advanced rapidly in the lower Mississippi Valley and was nearly completed in the Southeast.

**Spring wheat** headed was 45% complete, up 26 points from the previous week and 17 points below the average. Spring wheat condition was mostly good to fair. Spring wheat headed in North Dakota at 34% complete was up 22 points from the previous week, but 23 points behind the average. Above-normal temperatures and lack of moisture lowered crop condition in the Mountain States.

**Corn** was in mostly good to fair condition, with 6% of the acreage in the silking stage or beyond. Corn silking for the 17 major producing States was up 2 points from the previous week, but 6 points behind the average. The percentage of acreage silking lagged behind normal in the Corn Belt. Corn condition was fair to good in Indiana and good to fair in the rest of the Corn Belt. Root development in Indiana's late-planted corn was threatened by dry soil conditions. The extreme heat affected some corn pollination in Arkansas. European corn borer infestations in Illinois and Nebraska concerned producers, who increased scouting efforts. The average height of corn in Michigan was 21 inches, compared with the 5-year average height of 28 inches. Hot, dry weather pushed corn growth in the Midwest where favorable soil moisture was available. Uncontrolled weed growth and uneven corn development remained in some fields from the wet spring conditions.

**Cotton** squaring was 79% complete, up 11 points from a week earlier and 10 points ahead of the average. Cotton condition was mostly good to fair for the 14 major producing States. Crop development was ahead of normal by 25 points in New Mexico and Oklahoma due to the intense heat. Cotton setting bolls was 26% complete, 6 points ahead of the average. Across the Southern States, hot weather accelerated cotton development, but dry soil conditions lowered condition ratings. Cotton producers in the Delta cultivated and irrigated fields. Some heat stress was reported in the lower Mississippi Valley. Cotton squaring was up 35 points from last week in California, where fields were fertilized and irrigated. In Texas, some poor cotton fields were plowed under and replanted to alternative crops. In the Texas High Plains, cotton development was later than normal.

**Rice** headed for the five major producing States was 12% complete, up 3 points from the previous week. Beneficial rains aided rice growth, and rice condition was mostly good to excellent. Rice fields in the Delta were fertilized and treated for sheath blight. California rice fields were sprayed for broadleaf weeds and grasses. Rice producers in Texas decreased irrigation as a result of beneficial rains along the Upper Coast, where an increase in disease problems was reported.

**Sorghum** condition was mostly good to fair. Sorghum in Texas showed signs of heat stress from the above-normal temperatures and lack of moisture.

**Soybeans** blooming was 7% complete, 11 points below the average. Soybeans were in mostly good to fair condition. Blooming lagged normal in the Corn Belt, with Illinois and Ohio over 20 points below the average. In the Corn Belt, soybean condition dropped slightly due to germination problems with late-planted fields and the hot, dry weather. Crop condition declined in the Southeast as a result of continued hot, dry weather that stressed the crop. Some soybeans were planted behind Texas cotton fields that were plowed under. The average height of soybeans in Minnesota was 11 inches, 1 inch below the 5-year average of 12 inches.

# Crop Progress and Condition

Week Ending July 7, 1996

Soybeans Percent Blooming				
	Jul 7 1996	Prev Week	Prev Year	5-Yr Avg
AL	8	NA	9	9
AR	13	NA	6	9
GA	15	NA	15	14
IL	4	NA	6	27
IN	1	NA	5	20
IA	5	NA	10	18
KS	11	NA	91	30
KY	7	NA	13	9
LA	38	NA	27	14
MI	0	NA	5	13
MN	5	NA	7	14
MS	53	NA	32	17
MO	6	NA	0	10
NE	0	NA	1	13
NC	7	NA	5	6
OH	0	NA	4	27
SC	16	NA	8	6
SD	3	NA	1	16
TN	2	NA	4	4
ALL	7	NA	10	18

These 19 States produced 94% of the 1995 soybean crop.

Corn Percent Silking				
	Jul 7 1996	Prev Week	Prev Year	5-Yr Avg
CO	0	0	0	1
GA	95	90	98	95
IL	3	0	2	18
IN	1	0	4	11
IA	0	0	0	3
KS	20	4	10	23
KY	35	0	39	35
MI	0	0	0	4
MN	0	0	1	1
MO	26	13	13	22
NE	0	0	0	8
NC	66	45	77	65
OH	0	0	1	7
PA	5	1	8	3
SD	0	0	0	0
TX	65	59	73	68
WI	0	0	0	1
ALL	6	4	6	12

These 17 States produced 91% of the 1995 corn crop.

Cotton Percent Squaring				
	Jul 7 1996	Prev Week	Prev Year	5-Yr Avg
AL	86	82	90	81
AZ	97	95	94	95
AR	100	96	93	91
CA	90	55	44	69
GA	92	83	92	88
LA	99	98	99	90
MS	98	96	98	87
MO	92	83	87	83
NM	87	82	49	62
NC	61	50	54	59
OK	60	41	9	35
SC	90	73	65	75
TN	91	80	91	80
TX	62	48	59	51
ALL	79	68	72	69

These 14 States produced 99% of the 1995 cotton crop.

Winter Wheat Percent Harvested				
	Jul 7 1996	Prev Week	Prev Year	5-Yr Avg
AR	98	92	99	97
CA	95	80	82	78
CO	19	1	0	27
GA	99	98	100	99
ID	0	0	0	0
IL	66	30	72	66
IN	40	18	54	47
KS	79	42	31	71
MI	0	0	0	5
MO	70	40	62	64
MT	0	0	0	0
NE	12	0	6	27
NC	89	80	74	87
OH	10	0	18	29
OK	100	98	91	93
OR	2	0	0	1
SD	0	0	0	3
TX	90	83	84	87
WA	0	0	0	2
ALL	57	40	40	55

These 19 States produced 92% of the 1995 winter wheat crop.

Oats Percent Headed				
	Jul 7 1996	Prev Week	Prev Year	5-Yr Avg
IA	95	78	93	93
MI	74	35	82	76
MN	87	51	74	86
NE	100	90	NA	NA
ND	24	7	13	55
OH	97	56	94	95
PA	87	75	80	31
SD	70	38	47	84
WI	63	45	80	74
ALL	72	49	66	76

These 9 States produced 56% of the 1995 oat crop.

Peanuts Percent Pegging				
	Jul 7 1996	Prev Week	Prev Year	5-Yr Avg
AL	61	48	44	43
FL	98	70	NA	NA
GA	68	51	76	64
NC	28	6	NA	NA
OK	72	41	25	26
SC	51	15	0	0
TX	39	24	NA	NA
VA	30	10	NA	NA
ALL	58	39	62	54

These 8 States produced 99% of the 1995 peanut crop.

Cotton Percent Setting Bolls				
	Jul 7 1996	Prev Week	Prev Year	5-Yr Avg
AL	16	NA	14	15
AZ	66	NA	41	53
AR	38	NA	11	15
CA	10	NA	0	7
GA	44	NA	49	32
LA	36	NA	66	39
MS	50	NA	32	28
MO	24	NA	18	9
NM	15	NA	4	12
NC	20	NA	16	17
OK	12	NA	1	2
SC	24	NA	17	22
TN	13	NA	10	7
TX	17	NA	25	18
ALL	26	NA	25	20

These 14 States produced 99% of the 1995 cotton crop.

Barley Percent Headed				
	Jul 7 1996	Prev Week	Prev Year	5-Yr Avg
ID	59	32	45	58
MN	57	26	56	82
MT	39	10	36	52
ND	38	13	21	61
SD	63	24	43	82
WA	69	60	94	95
ALL	46	19	37	63

These 6 States produced 82% of the 1995 barley crop.

# Crop Progress and Condition

Week Ending July 7, 1996

Rice Percent Headed				
	Jul 7 1996	Prev Week	Prev Year	5-Yr Avg
AR	0	0	0	2
CA	0	0	0	0
LA	33	26	37	40
MS	10	8	13	9
TX	48	26	46	36
ALL	12	9	13	13

These 5 States produced 96% of the 1995 rice crop.

Spring Wheat Percent Headed				
	Jul 7 1996	Prev Week	Prev Year	5-Yr Avg
ID	64	38	43	59
MN	58	33	66	83
MT	46	17	40	52
ND	34	12	21	57
SD	78	44	51	85
ALL	45	19	35	62

These 5 States produced 96% of the 1995 spring wheat crop.

Soybeans Crop Condition by Percent					
	VP	P	F	G	EX
AL	0	2	69	28	1
AR	1	7	26	54	12
GA	11	11	42	35	1
IL	2	9	40	43	6
IN	3	15	42	36	4
IA	1	6	29	52	12
KS	0	1	19	68	12
KY	1	5	26	44	24
LA	0	5	25	62	8
MI	3	7	33	48	9
MN	2	8	34	52	4
MS	0	7	34	49	10
MO	1	9	41	44	5
NE	1	1	24	64	10
NC	2	3	21	72	2
OH	4	13	42	35	6
SC	1	6	25	57	11
SD	0	1	27	56	16
TN	1	3	23	64	9
ALL	2	7	33	50	8
Prev Wk	1	7	34	50	8
Prev Yr	1	7	33	50	9

Winter Wheat Crop Condition by Percent					
	VP	P	F	G	EX
AR	2	5	34	30	29
CA	0	0	0	50	50
CO	12	14	27	38	9
GA	0	7	24	65	4
ID	0	1	9	57	33
IL	12	44	31	13	0
IN	9	27	42	20	2
KS	22	24	31	19	4
MI	8	18	31	38	5
MO	14	21	33	28	4
MT	2	6	36	44	12
NE	5	14	46	32	3
NC	0	0	13	87	0
OH	12	23	40	21	4
OK	20	31	35	14	0
OR	0	1	10	41	48
SD	5	14	31	44	6
TX	18	18	55	9	0
WA	0	1	5	57	37
ALL	14	19	33	26	8
Prev Wk	13	21	31	27	8
Prev Yr	9	20	32	31	8

Cotton Crop Condition by Percent					
	VP	P	F	G	EX
AL	2	5	41	50	2
AZ	1	6	17	61	15
AR	0	5	26	53	16
CA	0	0	5	40	55
GA	6	14	34	40	6
LA	0	7	28	59	6
MS	0	3	22	62	13
MO	0	7	27	58	8
NM	0	6	23	41	30
NC	0	1	21	69	9
OK	0	7	34	55	4
SC	1	6	28	59	6
TN	0	5	22	56	17
TX	9	20	37	27	7
ALL	4	11	29	44	12
Prev Wk	6	11	24	44	15
Prev Yr	1	7	33	48	11

Rice Crop Condition by Percent					
	VP	P	F	G	EX
AR	0	4	20	57	19
CA	0	0	0	80	20
LA	0	3	22	65	10
MS	0	2	22	64	12
TX	0	4	15	45	36
ALL	0	3	17	61	19
Prev Wk	0	3	18	59	20
Prev Yr	0	2	20	60	18

Corn Crop Condition by Percent					
	VP	P	F	G	EX
CO	0	3	12	67	18
GA	8	23	33	33	3
IL	3	10	33	44	10
IN	3	15	41	35	6
IA	1	6	22	54	17
KS	1	2	15	63	19
KY	1	8	30	42	19
MI	3	9	29	48	11
MN	1	5	33	52	9
MO	1	9	29	47	14
NE	0	2	22	58	18
NC	2	10	23	54	11
OH	4	16	43	32	5
PA	1	4	18	53	24
SD	0	2	28	51	19
TX	20	19	25	23	13
WI	2	10	31	46	11
ALL	2	8	29	48	13
Prev Wk	2	7	30	50	11
Prev Yr	1	6	27	53	13

Sorghum Crop Condition by Percent					
	VP	P	F	G	EX
AR	2	9	39	44	6
CO	2	7	18	67	6
IL	2	5	34	57	2
KS	1	2	27	62	8
LA	0	0	31	62	7
MS	0	7	28	56	9
MO	1	9	37	47	6
NE	0	1	22	65	12
NM	5	45	43	7	0
OK	0	2	17	80	1
SD	0	2	31	58	9
TX	9	12	38	31	10
ALL	3	7	30	52	8
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	1	5	31	56	7

Oats Crop Condition by Percent					
	VP	P	F	G	EX
IA	1	3	23	61	12
MI	1	6	26	53	14
MN	1	3	24	67	5
NE	1	4	35	50	10
ND	0	1	26	67	6
OH	8	16	39	31	6
PA	0	3	20	65	12
SD	0	1	21	70	8
WI	0	7	30	45	18
ALL	1	4	26	59	10
Prev Wk	1	5	26	59	9
Prev Yr	NA	NA	NA	NA	NA

# Crop Progress and Condition

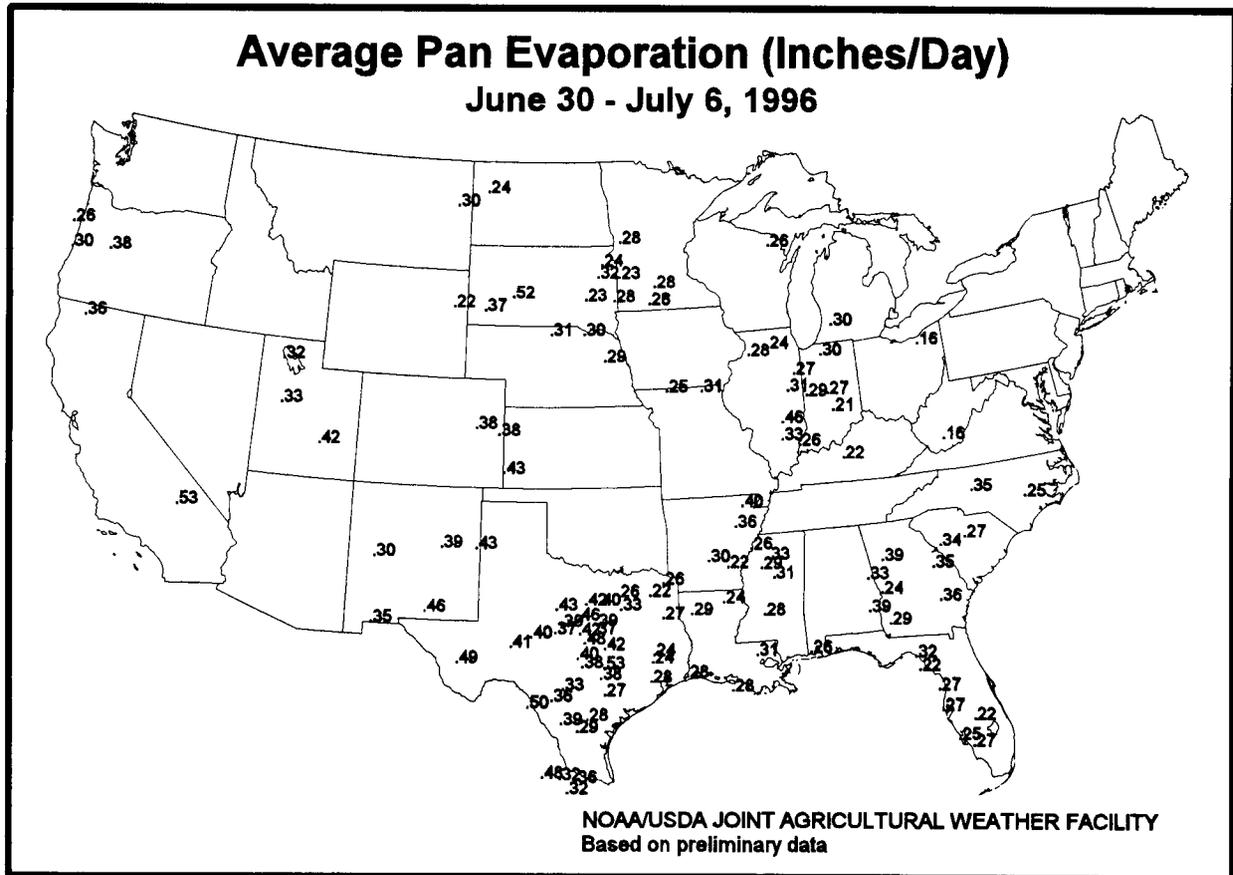
Week Ending July 7, 1996

Peanuts Crop Condition by Percent					
	VP	P	F	G	EX
AL	1	5	34	60	0
FL	0	0	37	58	5
GA	4	11	40	41	4
NC	0	0	22	68	10
OK	0	8	37	53	2
SC	5	11	46	35	3
TX	2	14	48	34	2
VA	0	0	7	60	33
ALL	2	8	37	48	5
Prev Wk	2	4	29	56	9
Prev Yr	NA	NA	NA	NA	NA

Barley Crop Condition by Percent					
	VP	P	F	G	EX
ID	0	0	9	63	28
MN	1	8	33	49	9
MT	1	8	40	42	9
ND	0	2	23	67	8
SD	0	1	19	73	7
WA	0	13	23	44	20
ALL	0	4	26	58	12
Prev Wk	0	4	25	58	15
Prev Yr	NA	NA	NA	NA	NA

Spring Wheat Crop Condition by Percent					
	VP	P	F	G	EX
ID	0	1	7	56	36
MN	2	7	42	37	12
MT	2	8	35	43	12
ND	1	3	22	67	7
SD	0	3	22	58	17
ALL	1	5	27	56	11
Prev Wk	0	4	25	61	10
Prev Yr	2	7	28	54	9

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



## 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/ocel/waobjawf>.*

**ALABAMA:** Days suitable for fieldwork 6.8. Topsoil 37% very short, 55% short, 8% adequate. Corn 81% silked, 86% 1995; 27% dented, 28% 1995, 24% avg.; 3% very poor, 33% poor, 42% fair, 22% good. Wheat 97% harvested, 99% 1995, 92% avg. Livestock 5% poor, 51% fair, 43% good, 1% excellent. Continued dry, hot weather conditions were the norm. Local heavy rains received mainly south, central over the weekend provided relief to drought stressed fields.

**ALASKA:** No weather data available.

**ARIZONA:** Much needed monsoonal rain arrived, welcomed by ranchers. Cotton setting bolls 66%, 41% 1995, 53% avg. Small grain harvest 96%, 94% 1995, 97% avg. Condition 100% good. Alfalfa harvest 83% active, 17% not being harvested. Condition 7% poor, 12% fair, 65% good, 16% excellent. Summer melon nearing completion. Declining volume watermelon, cantaloupe, honeydew, specialty melons were shipped central, western areas. Central vegetable growers also harvested chili peppers, bell peppers, sweet corn carrots, green onions. Eastern growers continued to harvest dry onions, tomatoes. Citrus harvest in central Arizona nearing completion. Decreasing amounts of grapefruit, Valencia oranges available. Table grape harvest progressed in western, central vineyards.

**ARKANSAS:** Days suitable for fieldwork 7. Soil moisture 68% short, 32% adequate. Main farm activities: Planting soybeans, cultivating, irrigating, and fertilizing cotton, fertilizing rice fields, irrigating corn and sorghum, harvesting wheat and hay. Several counties reported soybean cultivation. Cotton cultivation, irrigation and fertilization were reported by many counties. Cotton was treated for worms in Lee, Lonoke Counties. Lonoke county also reported cotton was being sprayed for plantbugs. Rice fields were being treated for sheath blight in many counties. Fertilization of rice fields was reported by several counties. Corn, sorghum irrigation continued in numerous counties. Heat affected some corn pollination in Independence county. Wheat harvest was completed in many counties. Blueberry harvest was near completion in Benton, Crawford Counties. Tomato harvest began in Cleburne County, continued in Bradley County. Tomatoes were also suffering with spotted wilt virus in Bradley County which reduced yields and lowered fruit quality. Watermelons were sprayed for disease in Hempstead County. Disease was also a problem in vegetable crops in Van Buren County. Extreme heat caused stress and delayed fieldwork in numerous counties. Livestock were in good condition statewide. Fly, tick problems continued in Van Buren County. Poultry producers lost birds due to intense heat stress in Little River County. Hay harvest continued.

**CALIFORNIA:** Field activities progressed rapidly as hot, dry conditions prevailed in most areas. Corn, cotton, rice showed improved growth as weather warmed. Grain harvest of wheat, barley, oats neared completion in the San Joaquin, Sacramento Valleys, finished in the desert counties. Small grain stubble was baled for straw or burned. Ground was then prepared for second crop plantings. Cotton was cultivated, fertilized, irrigated. It was also treated for aphids, lygus, mites. Rice fields were sprayed for broadleaf weeds, grasses. Sugar beet harvest was ongoing in the San Joaquin, Imperial Valleys. Garbanzo beans were harvested in the San Joaquin Valley. Dry beans, sorghum were treated for weeds, mites. Blackeye beans were blooming, setting pods in Tulare County.

Seed alfalfa, safflower were sprayed for lygus and mites. Safflower bloom continued in most areas. Silage corn was nearly ready for harvest in the southern San Joaquin Valley. Alfalfa, sudangrass were cut for hay or greenchopped. Normal cultural practices continued in orchards, vineyards. Flame Seedless table grapes were harvested in the Central Valley. Cling peach harvest began in the San Joaquin Valley. Picking of freestone peaches, plums, nectarines continued. Peaches were sprayed for brown rot. Walnuts were treated for codling moth, blight; almonds for mites, peach twig borer, navel orange worm. Valencia orange harvest was slowing. Salinas Valley harvest of asparagus continued. Broccoli, cauliflower were harvested in Monterey, San Luis Obispo Counties. Garlic was harvested in Kings County. Fresh market tomato harvesting continued in the San Joaquin, Imperial Valleys. Processing tomatoes were being harvested. Red, yellow onions were harvested in the San Joaquin Valley. Bell pepper harvest was complete in Imperial County, harvesting continued in the San Joaquin Valley. Some Fresno County cantaloups were sent to processors. Cucumber, squash harvest ended in Tulare County. Sutter County cucumbers were sprayed for aphids. Potatoes were growing well in Siskiyou County. Potato harvesting continued in central, southern areas. Other crops harvested included eggplants, green onions, carrots, sweet corn. Hot dry weather has caused some lower rangelands to deteriorate. Some cattle herds continued to be thinned. Livestock movement was slow to moderate. Supplemental feeding continued. Cattle, sheep were in good condition.

**COLORADO:** Days suitable for fieldwork 6.6. Topsoil 8% very short, 35% short, 56% adequate, 1% surplus. Subsoil 11% very short, 32% short, 55% adequate, 2% surplus. Spring barley 97% headed, 68% 1995, 65% avg.; 50% turning color, 4% 1995, 15% avg.; 1% very poor, 8% poor, 22% fair, 51% good, 18% excellent. Oats 87% headed, 54% 1995, 66% avg.; 24% turning color, 4% 1995, 18% avg.; 1% very poor, 5% poor, 21% fair, 55% good, 18% excellent. Dry onions 1% poor, 17% fair, 65% good, 17% excellent. Spring wheat 86% headed, 58% 1995, 60% avg.; 39% turning color, 0% 1995, 5% avg.; 1% very poor, 7% poor, 15% fair, 62% good, 15% excellent. Sorghum 100% planted, 89% 1995, 95% avg.; 97% emerged, 87% 1995, 87% avg. Winter wheat 94% turning color, 79% 1995, 88% avg.; 45% ripe, 19% 1995, 45% avg. Sugar beets 100% thinned, 66% 1995, 92% avg.; 2% very poor, 3% poor, 14% fair, 71% good, 10% excellent. Summer potatoes 4% poor, 10% fair, 66% good, 20% excellent. Fall potatoes 8% poor, 20% fair, 60% good, 12% excellent. Dry beans 99% emerged, 61% 1995, 87% avg.; 2% poor, 17% fair, 71% good, 10% excellent. Alfalfa hay 94% 1st cutting, 68% 1995, 82% avg.; 19% 2nd cutting, 4% 1995, 15% avg.; 4% poor, 22% fair, 59% good, 15% excellent.

**DELAWARE:** Days suitable for fieldwork 5.0. Topsoil 13% short, 74% adequate, 13% surplus. Subsoil 7% short, 81% adequate, 12% surplus. Winter wheat 74% harvested, 55% 1995, 67% avg. Corn 2% poor, 18% fair, 63% good, 17% excellent; 7% silked, 10% 1995, 13% avg. Sorghum 5% fair, 95% good; 82% planted, 100% 1995, 100% avg. Soybeans 3% poor, 16% fair, 73% good, 8% excellent; 81% planted, 83% 1995, 87% avg. Green peas 100% harvested, 94% 1995, 93% avg. Potatoes 9% harvested, 11% 1995, 4% avg. Apples 7% fair, 93% good. Peaches 10% fair, 90% good. Alfalfa hay 57% second cutting, 63% 1995, 69% avg. Other hay 30% second cutting, 54% 1995, 35% avg. Hay supplies 3% very short, 17% short, 73% adequate, 7% surplus. Activities: Planting continues, cutting hay, harvesting small grains, vegetables.

**FLORIDA:** Recent rains replenished topsoil, subsoil moisture in many central, southern Peninsula localities, but also skipped many field crop production areas. Topsoil very short to adequate Panhandle, short to adequate Peninsula with some southern Peninsula localities reporting surplus supplies. Topsoil 22% very short to short, 78% adequate to surplus. Subsoil 12% very short to short, 88% adequate to surplus. Peanuts declined due to dry conditions in Panhandle; 37% fair, 58% good, 5% excellent with 98% of peanuts pegged. Corn, cotton, soybean condition mostly good except in drier localities. Recent rainfall improved tobacco condition with most fields harvested at least one time. Tobacco markets to open 23rd. Central, northern growers picking sweet corn but supplies declining. Most watermelon harvesting finished. Tomato picking active around Quincy, supplies in seasonal decline. Lots of rain all citrus areas. Abundant new growth. New crop fruit progressing well. Valencia harvest nearly complete. Grapefruit harvest virtually over. Caretakers cutting cover crops, spraying, fertilizing. Pasture feed very poor 5%, poor 5%, fair 5%, good 70%, excellent 15%. Rain helped pastures south, while Panhandle hot, dry again. Condition of cattle herds fair 10%, good 80%, excellent 10%. Mosquitoes bad on livestock in central locations.

**GEORGIA:** Days suitable for fieldwork 6.3. Soil moisture 34% very short, 43% short, 23% adequate. Corn 70% dough, 83% 1995, 76% avg.; 37% dent, 48% 1995, 42% avg. Cotton 44% setting bolls, 49% 1995, 32% avg. Hay 3% very poor, 23% poor, 42% fair, 31% good, 1% excellent. Peanuts 97% blooming, 95% 1995, 92% avg. Sorghum 2% very poor, 13% poor, 35% fair, 50% good; 95% planted, 94% 1995, 95% avg. Soybeans 98% planted, 98% 1995, 97% avg.; 2% setting pods, 2% 1995, 2% avg. Tobacco 1% very poor, 7% poor, 33% fair, 56% good, 3% excellent; 24% harvested, 25% 1995, 22% avg. Wheat 99% harvested for grain, 100% 1995, 99% avg. Watermelons 5% very poor, 14% poor, 38% fair, 39% good, 4% excellent; 51% harvested, 68% 1995, 62% avg. Apples 3% very poor, 1% fair, 96% good. Peaches 85% very poor, 11% poor, 2% fair, 2% good; 82% harvested, 81% 1995, 77% avg. Pecans 15% poor, 41% fair, 36% good, 8% excellent. Already dry conditions worsen. Areas near the coast received more rainfall. Crop conditions have deteriorated due to dry soil. Activities: Irrigating, weed and insect control, applying fungicides to peanuts, harvesting vegetables, cutting hay.

**HAWAII:** Fair in windward areas. Overcast skies, frequent showers, brisk winds hindered farming. Leeward areas mostly good. Beneficial mixture showers, sunshine. Papaya, banana production higher. Warm weather, showers aiding growth. Watermelon harvesting active. Head cabbage crop condition fair to good. Tomato production light. Cucumber production light, forecast to increase.

**IDAHO:** Days suitable for fieldwork 6.8. Large range fire burned 120,000 acres during hot, dry conditions. Topsoil 23% short, 74% adequate, 3% surplus. Potatoes emerged 99%, 99% 1995, 98% avg.; 12 in. high 73%, 49% 1995, 64% avg. Potatoes closing middles 38%, 12% 1995, 29% avg.; 1% very poor, 1% poor, 10% fair, 62% good, 26% excellent. Winter wheat headed 99%, 94% 1995, 91% avg. Spring wheat booted 90%. Barley booted 84%. Alfalfa hay harvested (1st cutting) 84%, 85% 1995, 89% avg. Alfalfa hay harvested (2nd cutting) 7%, 8% 1995, 8% avg. Dry beans emerged 99%, 96% 1995, 98% avg. Cherries harvested 42%, 69% 1995, 63% avg. Pasture feed, range 15% fair, 63% good, 22% excellent. Irrigation water 38% good, 62% excellent. Activities: Inspecting and spraying potatoes for late blight, harvesting alfalfa hay, irrigating.

**ILLINOIS:** Days suitable for fieldwork 6.8. Topsoil 3% very short, 37% short, 58% adequate, 2% surplus. Warm, dry weather last week allowed farmers to continue with soybean planting. Double crop soybean planting is still being done following wheat harvest. There is a need for rain throughout the State. Presence of the European Corn Borer (first generation) has been noted in the north, farmers are being

very watchful, scouting their fields. Activities: Spraying chemicals, cultivating, mowing, caring for livestock. Corn height 38 in., 37 in. 1995, 48 in. avg. Soybeans planted 98% blooming, 98% 1995, 99% avg. Sorghum 95% planted, 90% 1995, 97% avg. Winter wheat 96% turning yellow, 100% 1995, 100% avg.; 85% ripe, 93% 1995, 95% avg. Oats 97% headed, 97% 1995, 97% avg.; 63% filled, 62% 1995, 82% avg.; 16% turning yellow, 20% 1995, 52% avg.; 1% ripe, 3% 1995, 22% avg.; 9% poor, 33% fair, 52% good, 6% excellent. Alfalfa 98% first cutting, 100% 1995, 100% avg.; 18% second cutting, 24% 1995, 46% avg.; 1% very poor, 5% poor, 33% fair, 56% good, 5% excellent. Red clover 89% cut, 90% 1995, 92% avg.

**INDIANA:** Days suitable for fieldwork 6.7. Topsoil 7% very short, 40% short, 50% adequate, 3% surplus. Subsoil 3% very short, 16% short, 73% adequate, 8% surplus. Most areas of the State have received very little precipitation during the last 2 weeks. Germination slow in late planted soybean fields because of lack of moisture. Winter wheat harvest in full swing in southern areas and moving north. Winter wheat harvest 5% complete north, 18% complete central, 82% complete south. Transplanting tobacco 99% complete, 99% 1995, 100% avg. First cutting of alfalfa hay 95% complete, 100% 1995, 100% avg. Farmers made good progress cutting, baling hay during the week. Second cutting of hay underway in southern areas. Activities: Spraying, cultivating corn, tilling, hay equipment maintenance, purchasing shorter season soybeans, mowing fence rows and care of livestock.

**IOWA:** Days suitable for fieldwork 6.1. Topsoil very short 2%, short 18%, adequate 74%, surplus 6%. Subsoil very short 1%, short 7%, adequate 84%, surplus 8%. Weather the last couple of weeks has been very beneficial for growing crops. Reporters for the most part indicated that crop conditions have improved in their respective areas thanks to the hot weather; however, a few comments did indicate that crops beginning to show signs of heat stress and could use some rain. Corn cultivated 1st time 84%, 78% 1995, 80% avg.; tallest height of corn 50 in.; average height of corn 37 in. Oats turning color 10%, 24% 1995, 53% avg. Alfalfa hay 1st harvest 94%, 99% 1995, 94% avg. Clover hay 1st harvest 72%, 78% 1995, 82% avg. Hay 1% very poor, 6% poor, 28% fair, 54% good, 11% excellent. Winter wheat 2% very poor, 12% poor, 38% fair, 42% good, 6% excellent. Although the hot, humid weather has been excellent for crops, it has put livestock under some heat stress. Flies are also becoming a problem for cattle.

**KANSAS:** Days suitable for fieldwork 6.2. Topsoil 7% very short, 44% short, 47% adequate, 2% surplus. Subsoil 6% very short, 26% short, 66% adequate, 2% surplus. Wheat harvest is in full swing. Extremely hot weather coupled with only scattered showers allowed harvest to progress rapidly. Weeds continue to be a problem in many areas. Soybean planting is nearly complete, with farmers waiting for rain to finish. Fall crops are beginning to show signs of stress due to the hot and dry conditions. Feed grain, hay shortages continue to be reported across the State. Feed grain supplies are 31% short, hay 22% short. Alfalfa cut the second time 74% complete, 35% 1995, 58% avg. Alfalfa cut the third time 3% complete, 1% 1995, 4% avg. Activities: Harvesting wheat, baling brome and alfalfa, tilling wheat stubble, finishing planting.

**KENTUCKY:** Days suitable for fieldwork 5.4. Temperatures near normal with scattered thunderstorms ending by midweek. Precipitation below normal none to 1.78 in. Topsoil 6% very short, 33% short, 56% adequate, 5% surplus. Subsoil 4% very short, 20% short, 70% adequate, 6% surplus. Set tobacco 1% very poor, 9% poor, 36% fair, 45% good, 9% excellent. Black shank, blue mold active in some areas. Wheat harvest 94% complete. Wheat yields highly variable. Hay cutting, baling very active. Pasture feed 1% very poor, 6% poor, 29% fair, 56% good, 8% excellent.

**LOUISIANA:** Days suitable for fieldwork 6.0. Soil moisture 5% very short, 26% short, 62% adequate, 7% surplus. Corn 5% very poor, 5% poor, 14% fair, 67% good, 9% excellent; 89% dough, 80% 1995, 75% avg.; 15% mature, 11% 1995, 9% avg. Crop was quickly showing signs of maturing. Farmers geared up for harvest. Cotton. Northeast parishes experiencing some drought stress. Hay 96% first cutting, 95% 1995, 87% avg.; 1% second cutting, 14% 1995, 4% avg. Peaches 59% harvested, 42% 1995, 60% avg. Rice 0% ripe, 1% 1995, 1% avg. Sheath Blight becoming an increasing concern, treatment was active. Sorghum 47% headed, 40% 1995, 46% avg.; 3% turning, 1% 1995, 1% avg. Soybeans 99% planted, 99% 1995, 96% avg.; 98% emerged, 97% 1995, 92% avg.; 15% setting pods, 11% 1995, 4% avg. Growers cultivated, continued weed control practices. Sugarcane 2% very poor, 7% poor, 33% fair, 47% good, 11% excellent. Fallow work, rowing up fields for planting active. Sweetpotatoes 94% planted, 96% 1995, 89% avg. Livestock 1% very poor, 6% poor, 35% fair, 52% good, 6% excellent. Vegetables 1% very poor, 15% poor, 34% fair, 47% good, 3% excellent. Pasture feed 1% very poor, 9% poor, 36% fair, 47% good, 7% excellent.

**MARYLAND:** Days suitable for fieldwork 5.7. Topsoil 1% very short, 18% short, 79% adequate, 2% surplus. Subsoil 6% short, 91% adequate, 3% surplus. Winter wheat 56% harvested, 40% 1995, 58% avg. Barley 90% harvested 90% 1995, 92% avg. Rye 55% harvested, 34% 1995, 49% avg. Corn 1% very poor, 6% poor, 23% fair, 50% good, 20% excellent; 5% silked, 7% 1995 10% avg. Soybeans 4% poor, 23% fair, 61% good, 12% excellent; 78% planted, 84% 1995, 84% avg. Tobacco 2% very poor, 1% poor, 9% fair, 70% good, 18% excellent. Sorghum 2% poor, 24% fair, 67% good, 7% excellent; 92% planted, 94% 1995, 98% avg. Sweet corn 5% harvested, 2% 1995, 9% avg. Potatoes 10% harvested, 31% 1995, 17% avg. Cantaloupe 7% harvested, 5% 1995, 7% avg. Alfalfa hay 46% 2nd cutting, 45% 1995, 59% avg. Other hay 12% second cutting, 15% 1995, 24% avg. Hay supplies 6% very short, 7% short, 83% adequate, 4% surplus. Apples 3% very poor, 5% poor, 10% fair, 72% good, 10% excellent. Peaches 3% very poor, 5% poor, 7% fair, 76% good, 9% excellent. Activities: Planting continues, cutting hay, harvesting small grains, vegetables.

**MICHIGAN:** Days suitable for fieldwork 6.5. There are reports of disease in some winter wheat due to earlier undesirable weather. Topsoil 1% very short, 21% short, 74% adequate, 4% surplus. Subsoil 1% very short, 10% short, 85% adequate, 4% surplus. Dry beans planted 99%, 100% 1995, 99% avg.; emerged 79%, 98% 1995, 93% avg. Corn height 21 in., 23 in. 1995, 28 in. avg. All hay first cutting 89%, 94% 1995, 89% avg.; 1% very poor, 6% poor, 29% fair, 55% good, 9% excellent. Oats, headed 74%, 82% 1995, 76% avg.; 1% very poor, 6% poor, 26% fair, 53% good, 14% excellent. Wheat turning yellow 40%, 77% 1995, 68% avg. Soybeans planted 100%, 100% 1995, 100% avg.; emerged 93%, 100% 1995, 100% avg. Pasture for feed 1% very poor, 9% poor, 29% fair, 55% good, 6% excellent.

**MINNESOTA:** Days suitable for fieldwork 6.2. Topsoil 9% very short, 28% short, 61% adequate, 2% surplus. Corn 91% cultivated, 90% 1995, 78% avg.; height 34 in., 36 in. 1995, 37 in. avg.; 0% tasseled, 1% 1995, 1% avg. Soybeans 63% cultivated, 61% 1995, 63% avg.; 11 in. height, 11 in. 1995, 12 in. avg.; 5% blooming, 7% 1995, 14% avg. Spring wheat 58% heading, 66% 1995, 83% avg. Oats 87% heading, 74% 1995, 86% avg. Barley 57% heading, 56% 1995, 82% avg. Alfalfa 99% first cutting, 98% 1995, 92% avg. Pasture feed 1% very poor, 10% poor, 40% fair, 41% good, 8% excellent. Oats 1% very poor, 3% poor, 24% fair, 67% good, 5% excellent. Barley 1% very poor, 8% poor, 33% fair, 49% good, 9% excellent. Corn 1% very poor, 5% poor, 33% fair, 52% good, 9% excellent. Spring wheat 2% very poor, 7% poor, 42% fair, 37% good, 12% excellent. Dry beans 1% very poor, 6% poor, 30% fair, 54% good, 9% excellent. Soybeans 2% very poor, 8% poor, 34% fair, 52% good, 4% excellent.

**MISSISSIPPI:** Days suitable for fieldwork 6.9. Soil moisture 21% very short, 48% short, 30% adequate, 1% surplus. Corn 85% silked, 90% 1995, 79% avg.; dough 53%, 52% 1995, 37% avg.; dent 19%, 9% 1995, 5% avg.; 8% very poor, 8% poor, 29% fair, 45% good, 10% excellent. Soybeans 100% planted, 99% 1995, 93% avg.; 99% emerged, 96% 1995, 88% avg.; 53% blooming, 32% 1995, 17% avg.; 7% poor, 34% fair, 49% good, 10% excellent. Wheat 100% harvested, 98% 1995, 96% avg.; hay (warm season) 53% harvested, 53% 1995, 57% avg.; 6% very poor, 17% poor, 44% fair, 29% good, 4% excellent. Peaches 59% harvested, 34% 1995, 57% avg.; 20% very poor, 41% poor, 28% fair, 10% good, 1% excellent. Sweetpotatoes 94% planted, 98% 1995, 96% avg.; 10% fir, 70% good, 20% excellent. Watermelons 36% harvested, 34% 1995, 17% avg.; 4% very poor, 11% poor, 44% fair, 37% good, 4% excellent. Blueberries 15% very poor, 35% poor, 26% fair, 20% good, 4% excellent. Cattle 1% very poor, 8% poor, 30% fair, 54% good, 7% excellent. Pasture feed 7% very poor, 23% poor, 37% fair, 29% good, 4% excellent. Main farming activities: Checking fields for insects, controlling grasses, weeds. In most areas of the State, crops are in need of rain to improve development, especially corn. Pasture, hay fields are showing the effects of the hot, dry weather.

**MISSOURI:** Days suitable for fieldwork 6.0. Topsoil 5% very short, 34% short, 57% adequate, 4% surplus. Dry weather conditions enabled farmers to make significant wheat harvesting progress during the past week. Producers were also busy with hay cutting, baling activities. Reporters across the State indicate the major row crops in mostly fair to good condition. Seventy-nine percent of the double-crop beans are in the ground; virtually all of the double-crop beans have been planted in the Bootheel and south-central districts, followed by about 90% in the southwest, 60% in the west-central, central. Southeast district leads the State with 85% of the corn crop silking. Nearly all of the wheat crop has been harvested across the southern third of the State, followed by 80% west-central, 70% central, 40% northern third of State. Oats harvested 15%, 13% 1995, 29% avg. Alfalfa second cutting 44%, 26% 1995, 47% avg. Other hay cut 74%, 67% 1995, 76% avg. Pasture feed, range 2% very poor, 11% poor, 52% fair, 34% good, 1% excellent.

**MONTANA:** Days suitable for fieldwork 6.0. Topsoil 6% very short, 43% short, 50% adequate, 1% surplus. Subsoil 9% very short, 41% short, 49% adequate, 1% surplus. Warm, dry last week allowing very good conditions for hay harvest. Most areas looking for rain. Winter wheat 98% headed, 94% 1995, 96% avg.; 11% turning, 7% 1995, 27% avg. Oats 2% very poor, 9% poor, 30% fair, 46% good, 13% excellent; 85% boot, 82% 1995, 91% avg.; 37% headed, 41% 1995, 52% avg. First cutting alfalfa 62% complete, 40% 1995, 53% avg. First cutting other hay 41% complete, 38% 1995, 38% avg.

**NEBRASKA:** Days suitable for fieldwork 6.4. Topsoil 5% very short, 43% short, 51% adequate, 1% surplus. Subsoil 2% very short, 21% short, 77% adequate. Wheat combines were moving through many south-central, southeast fields last week. Hot, dry conditions hastened ripening, drydown of wheat, harvest was expected to move west. Late 7th, severe storms brought hail, heavy rain, high winds, some tornado activity to parts of western, central, south-central areas. Hail damage to crops was reported in McPherson, Phelps, Logan Counties. Wheat 94% turning color, 86% 1995, 96% avg.; 32% ripe, 19% 1995, 53% avg.; harvest was most advanced in the southeast, moving toward western fields; early yields have varied, crop quality has been good. Corn crop growth continued to move at a rapid pace due to the hot, humid conditions; some early planted fields in the south-central, southeast had begun to tassel last week; grasshopper, corn borer activity was noted in the eastern third of the State with the east-central district appearing to be the heaviest. Soybeans growth was good, cultivation activities were underway last week. Alfalfa 1% very poor, 4% poor, 36% fair, 46% good, 13% excellent; 17% 2nd cutting, 14% 1995, 23% avg. Wild hay 3% poor,

26% fair, 63% good, and 8% excellent. Pasture feed, range 1% very poor, 3% poor, 32% fair, 57% good, 7% excellent; some reports indicated that dry conditions were beginning to affect pasture conditions; rain is needed to maintain growth. Activities, spraying herbicides, cultivating row crops, irrigating crops, cutting alfalfa, grain marketing, farm program sign up.

**NEVADA:** Higher temperatures advanced maturation of grain crops. All grain crops in Humboldt County were in the dough stage, while most grain acreage in Churchill County was turning color. Winter wheat, spring wheat, barley fair to good in Churchill County, mostly good in all other areas. Smut, aphids, hail, wind have all challenged crop conditions in Churchill County. Harvest of grains for silage continued northwest. Thundershowers continue to damage some alfalfa hay in the northern counties, where first cutting was well along. Fourth cutting was underway extreme south. Higher temperatures accelerated hay growth, curing, irrigation water supplies remained adequate. Alfalfa weevil continued to be a problem in Lyon County. Harvest of grass hay continued as weather allowed northwest, got underway northeast. Sudan was being planted behind grain acreage extreme south, behind silage northwest. Potatoes were beginning to bloom in Humboldt County. Onions, garlic were in good to excellent condition. Range livestock were being supplemented with salt, mineral. Main farm, ranch activities: Haying, irrigating, spraying for weeds, insects, planting Sudan grass.

**NEW ENGLAND:** Days suitable for fieldwork 5.0. Topsoil 6% short, 58% adequate, 36% surplus. Subsoil 4% short, 67% adequate, 29% surplus. Pasture feed 2% poor, 10% fair, 55% good, 33% excellent. Maine potatoes condition excellent/good. Massachusetts potatoes condition good. Rhode Island potatoes condition excellent/good. Maine oats condition excellent/good. Maine barley condition excellent/good. Field corn 99% planted, 100% 1995, 100% avg.; 99% emerged, 100% 1995, 100% avg.; condition good/fair. Sweet corn 99% planted, 99% 1995, 100% avg.; 99% emerged, 95% 1995, 99% avg.; condition good/excellent. Shade tobacco 100% planted, 100% 1995; <5% harvested; condition good/excellent. Outdoor tobacco 95% planted, 99% 1995; condition good. First hay 65% harvested, 90% 1995, 85% avg.; condition good/fair. Second hay 5% harvested, 10% 1995, 10% avg.; condition good/fair. Apples, peaches set and size average; condition good. Pears size and set average; condition good/fair. Strawberries 75% harvested; set and size average; condition good. Cranberries at full bloom; size and set average; condition good. Highbush blueberries set and size average; condition good. Wild blueberries set average; condition good. Dry weather throughout most of the week advanced first cut hay progress, start of the second cutting began in some areas. Major farm activities: Picking strawberries, cultivating row crops, side dressing field corn; harvesting began for shade tobacco, sweet corn, harvesting continues for lettuce, summer squash, peas, zucchini, cabbage, radishes. Fungicide sprays are being applied to fruits, vegetables.

**NEW JERSEY:** Days suitable for fieldwork 4 to 5. Topsoil moisture reported as mostly adequate. Vegetable farmers are busy harvesting snap beans, lettuce. Light harvest of spring cabbage, peppers, eggplant (Italian), sweet corn, tomatoes. Hail damage of potatoes reported in parts of central areas. Light, declining volume of endive, escarole, lettuce reported. Light, increasing supply of eggplant, peppers, sweet corn. Moderate supply of beans (all types) herbs available. Good supply of cabbage, cucumbers, squash (green and yellow) turnips also available. Blueberry harvest in full swing, approaching peak. Cranberries in full bloom. Light harvest of early variety peaches reported. Apples continue to size well. Side dressing of field corn reported. Wheat harvest underway. Hay making continues. Pasture conditions are still good overall.

**NEW MEXICO:** Days suitable for fieldwork 6.4. Soil moisture 26% very short, 51% short, 23% adequate. Hot, dry weather returned to

State. There was still enough residual moisture from last week's storms to fuel a few spotty showers, thunderstorms around the State. Corn 1% poor, 28% fair, 65% good, 6% excellent. Cotton 6% poor, 23% fair, 41% good, 30% excellent; squaring 87%, 49% 1995, 62% avg. Sorghum planting was almost completed with 98% planted, 100% 1995, 95% avg. Sorghum condition fell slightly as the dryland condition reflected lack of precipitation this week; 5% very poor, 45% poor, 43% fair, 7% good. Alfalfa 6% poor, 21% fair, 59% good, 14% excellent; second cutting 78% complete, third cutting 30% complete. Chile 2% poor, 15% fair, 51% good, 32% excellent. Onion harvest continued with 60% completed; 5% fair, 35% good, 60% excellent. Pecans 35% fair, 40% good, 25% excellent. Wheat harvest remained active 82% harvested, 57% 1995, 85% avg. Wheat conditions were also effected by lack of moisture this week, fell to 64% very poor, 10% poor, 15% fair, 10% good, 1% excellent. Cattle 6% very poor, 26% poor, 45% fair, 23% good; sheep 14% very poor, 29% poor, 47% fair, 10% good.

**NEW YORK:** Days suitable for fieldwork 4.9. Soil moisture 69% adequate, 31% surplus. Pasture feed 30% fair, 56% good, 14% excellent. Hay mostly good. Alfalfa first cutting 83% complete, 96% 1995, 92% avg. Clo-Tim 82% harvested, 92% 1995, 84% avg. Dry beans 95% planted. Wheat fair to good. Corn growing well. Potatoes in bloom. Early onions in Orange County ready for harvest. Locally grown vegetables becoming available. Strawberry harvest continued. Sweet cherry harvest beginning. Disease pressure high in Finger Lakes vineyards.

**NORTH CAROLINA:** Days suitable for fieldwork 6.4. Soil 13% very short, 41% short, 44% adequate, 2% surplus. Sorghum 96% planted, 86% 1995, 92% avg. Irish potatoes 67% harvested, 70% 1995, 70% avg. Hay 1st cutting 98%, 97% 1995, 97% avg. Hay 2nd cutting 58%, 29% 1995, 41% avg. Wheat 89% harvested, 74% 1995, 87% avg. Crop condition: Tobacco 4% poor, 12% fair, 67% good, 17% excellent; soybeans 2% very poor, 3% poor, 21% fair, 72% good, 2% excellent; hay 1% very poor, 2% poor 52% fair, 43% good, 2% excellent; Irish potatoes, 4% fair, 91% good, 5% excellent; sweetpotatoes 16% fair, 84% good; apples 5% poor, 40% fair, 55% good; peaches 70% very poor, 15% poor, 11% fair, 4% good; truck crops 2% poor, 19% fair, 55% good, 24% excellent. Activities: Planting sorghum and soybeans; cultivating crops; spraying for insects and weed control; harvesting small grains; topping and applying sucker control on tobacco; cutting and baling hay; pasture maintenance; tending livestock; repairing equipment and general farm maintenance.

**NORTH DAKOTA:** Days suitable for fieldwork 6. Soil moisture supplies generally adequate, crop conditions mostly good. Topsoil 1% very short, 18% short, 77% adequate, 4% surplus. Subsoil 15% short, 79% adequate, 6% surplus. Orange wheat blossom midge becoming a problem in northern, eastern districts. Nearly one-third of the small grain crop was heading or beyond, well ahead of last year, behind average. Durum 80% heading and beyond; 12% 1995; 37% avg. Late season crop development: Canola 50% blooming and beyond; flaxseed 10% blooming and beyond; 4% 1995; 16% avg.; dry edible beans 2% blooming and beyond; 5% 1995; 10% avg.; soybeans none blooming and beyond; none 1995; 9% avg.; potatoes 9% blooming and beyond; 12% 1995; 38% avg. Average height of late season crops were at or ahead of last year, except dry beans, sunflower. Only corn was above the 5-year average. Emerged crop condition: durum 3% poor, 31% fair, 60% good, 6% excellent; canola 5% poor, 22% fair, 60% good, 13% excellent; flaxseed 1% poor, 24% fair, 68% good, 7% excellent; corn 2% poor, 17% fair, 69% good, 12% excellent; dry edible beans 1% very poor, 1% poor, 23% fair, 65% good, 10% excellent; soybeans 7% poor, 28% fair, 59% good, 6% excellent; sunflower 2% poor, 18% fair, 64% good, 16% excellent; sugar beets 1% very poor, 2% poor, 14% fair, 70% good, 13% excellent; potatoes 1% very poor, 1% poor, 5% fair, 69% good, 24% excellent.

**OHIO:** Days suitable for fieldwork 6.8. Topsoil 5% very short, 40% short, 52% adequate, 3% surplus. Alfalfa hay first cutting 99% complete, second cutting 14%; other hay first cutting 89% complete, other hay second cutting 10%. Strawberry crop is about 89% complete.

**OKLAHOMA:** Days suitable for fieldwork 6.1. Topsoil 17% very short, 49% short, 34% adequate. Subsoil 22% very short, 49% short, 29% adequate. Wheat 74% plowed, 51% 1995, 55% avg.; oats 70% plowed, 22% 1995, 43% avg.; corn 78% tasseling, 22% 1995, 46% avg.; 17% milk-to-soft, 7% 1995, 12% avg.; sorghum 100% up-to-stand, 82% 1995, 94% avg.; 12% headed, 2% 1995, 5% avg.; soybeans 91% up-to-stand, 61% 1995, 67% avg.; 41% blooming, 11% 1995, 8% avg. Peanuts 100% up-to-stand, 89% 1995, 89% avg.; 20% setting pods, 1% 1995, 1% avg.; cotton 100% up-to-stand, 98% 1995, 94% avg.; alfalfa 8% poor, 33% fair, 56% good, 3% excellent; 82% 2nd cutting, 75% 1995, 78% avg.; 20% 3rd cutting, 11% 1995, 15% avg. Livestock 4% poor, 25% fair, 69% good, 2% excellent. Feeder steers and heifers were steady to \$1/cwt lower.

**OREGON:** Days suitable for fieldwork 6.9. Topsoil 27% short, 72% adequate, 1% surplus. Subsoil 18% short, 82% adequate. Barley 2% harvested, 2% 1995, 5% avg. Activities: Wheat ripening, statewide. Hay harvest continued, statewide. Klamath Basin sugar beets good. Nursery, greenhouse irrigation, spraying, cultivation continued. Early broccoli harvest underway, Willamette Valley. Potatoes recovering from last week's frost, eastern sections. Potatoes emerged, Klamath Basin. Strawberry, Bing cherry harvests winding down, raspberry picking continued, blueberry, Marion variety blackberry harvests underway, hazelnuts sizing, Willamette Valley. Fresh cherry harvest winding down, canning cherry harvest underway, Mid-Columbia region. Pears, apples good, Rogue River Valley. Cranberries sizing, southern coast. Livestock good-excellent. Eastern, western pasture feed good.

**PENNSYLVANIA:** Days suitable for fieldwork 4.4. Soil moisture 2% short, 81% adequate, 17% surplus. Good corn growing weather. Too wet, humid for good hay making. Some hail damage to small grains, corn. Corn height 32 in., 31 in. 1995, 30 in. avg. Soybeans planted 96% complete, 93% 1995, 96% avg.; 1% very poor, 4% poor, 19% fair, 54% good, 22% excellent. Barley 90% ripe, 81% 1995, 74% avg.; 68% harvested, 61% 1995, 56% avg. Wheat 92% turning yellow, 91% 1995, 86% avg.; 47% ripe, 42% 1995, 44% avg.; 13% harvested, 9% 1995, 15% avg.; 1% very poor, 5% poor, 23% fair, 62% good, 9% excellent. Alfalfa 1st cutting 88% complete, 88% 1995, 95% avg.; 2nd cutting 41% complete, 22% 1995, 35% avg. Timothy clover 1st cutting 73% complete, 73% 1995, 85% avg. Quality of hay made 2% very poor, 13% poor, 32% fair, 38% good, 15% excellent. Peach 5% very poor, 8% poor, 38% fair, 41% good, 8% excellent. Apple 3% very poor, 5% poor, 28% fair, 49% good, 15% excellent. Activities: Planting soybeans; making hay, haylage; harvesting small grains; fixing fences; hauling manure; caring for livestock.

**PUERTO RICO:** No weather data available.

**SOUTH CAROLINA:** Days suitable for fieldwork 6.1. Soil moisture 17% very short, 43% short, 39% adequate, 1% surplus. Barley 99% harvested, 89% 1995, 90% avg.; 1% poor, 21% fair, 78% good. Corn 9% very poor, 16% poor, 27% fair, 35% good, 13% excellent; 93% silked, 94% 1995, 91% avg.; 49% doughed, 57% 1995, 56% avg. Oats 100% harvested, 97% 1995, 95% avg.; 1% very poor, 3% poor, 21% fair, 66% good, 9% excellent. Rye 99% harvested, 95% 1995, 90% avg.; 3% very poor, 6% poor, 34% fair, 41% good, 16% excellent. Sorghum 94% planted, 84% 1995, 82% avg.; 10% poor, 63% fair, 27% good. Tobacco topped 83%, 64% 1995, 75% avg.; 11% harvested, 7% 1995, 10% avg.; 1% very poor, 1% poor, 12% fair, 74% good, 12% excellent. Wheat 99% harvested, 99% 1995, 98% avg.; 1% very poor, 3% poor, 31% fair, 59% good, 6% excellent.

Peach harvest 37% complete, 36% 1995, 35% avg.; 15% very poor, 47% poor, 26% fair, 12% good. Watermelons 62% harvested, 66% 1995, 60% avg.; 6% very poor, 31% poor, 33% fair, 29% good, 1% excellent. Cantaloups 74% harvested, 71% 1995, 61% avg.; 35% poor, 46% fair, 18% good, 1% excellent. Tomatoes 87% harvested, 78% 1995, 85% avg.; 18% fair, 62% good, 20% excellent. Cucumbers 82% harvested, 66% 1995, 75% avg.; 3% very poor, 5% poor, 24% fair, 66% good, 2% excellent.

**SOUTH DAKOTA:** Days suitable for fieldwork 5.4. Topsoil 18% short, 77% adequate, 5% surplus. Subsoil 6% short, 79% adequate, 15% surplus. Warm weather accelerated crop development. Producers were busy haying, cultivating. Barley 87% boot, 78% 1995, 94% avg.; 5% turning color, 2% 1995, 24% avg. Oats 95% boot, 79% 1995, 94% avg.; 6% turning color, 1% 1995, 28% avg. Spring wheat 96% boot, 81% 1995, 95% avg.; 2% turning color, 1% 1995, 21% avg. Corn height 26 in., 19 in. 1995, 29 in. avg.; cultivated once 91%, 69% 1995, 81% avg.; cultivated twice 36%, 11% 1995, 49% avg. Flax 10% blooming, 23% 1995, 31% avg.; 12% fair, 78% good, 10% excellent. Sorghum 2% poor, 31% fair, 58% good, 9% excellent. Sunflowers 1% poor, 21% fair, 66% good, 12% excellent. Winter wheat headed 95%, 100% 1995, 100% avg.; 37% turning color, 59% 1995, 74% avg. Winter rye headed 99%, 100% 1995, 100% avg.; 32% turning color, 41% 1995, 66% avg. Winter rye 15% poor, 21% fair, 56% good, 8% excellent. 1st cutting alfalfa 87% harvested, 80% 1995, 85% avg. Other hay 34% harvested, 32% 1995, 36% avg. Livestock, 6% fair, 72% good, 22% excellent. Stock water supplies 77% adequate, 23% surplus.

**TENNESSEE:** Days suitable for fieldwork 7.0. Topsoil 22% very short, 51% short, 27% adequate. Subsoil 13% very short, 46% short, 40% adequate, 1% surplus. Corn 5% poor, 22% fair, 55% good, 18% excellent; 81% tasseled, 79% 1995, 56% avg.; 10% dough, 11% 1995, 6% avg. Tobacco 2% very poor, 4% poor, 26% fair, 61% good, 7% excellent. Wheat 99% harvested, 99% 1995, 96% avg. Sorghum 2% poor, 24% fair, 68% good, 6% excellent; 6% headed, 11% 1995, 8% avg. Alfalfa hay 7% poor, 38% fair, 52% good, 3% excellent; 68% second cutting, 76% 1995, 77% avg. Other hay 4% very poor, 15% poor, 43% fair, 36% good, 2% excellent. Pasture feed 5% very poor, 18% poor, 40% fair, 35% good, 2% excellent. Cattle 3% very poor, 6% poor, 37% fair, 49% good, 5% excellent.

**TEXAS:** Temperatures on rise, rainfall very scattered during 4th. Fieldwork progressed most areas, only brief delays from scattered showers. First bale of cotton in U.S. ginned in Rio Grande Valley in mid-June. Heat units very high causing stress to crops most areas. Haying activity decreasing with hot, dry conditions. Livestock showing some stress from hot temperatures. Supplemental feeding activity beginning increase again some areas.

**Crops:** Small grains harvest progress good in High Plains, was winding down many fields by weekend. Corn fields in most High Plains continued look good; however, irrigation will be critical as temperatures continue to rise. Fields maturing rapidly south-central areas, along Upper Coast. Plowing of poor fields continued these areas. Corn 50% dough, 56% 1995, 51% avg.; 30% dented, 38% 1995, 31% avg.; 1% mature, 9% 1995, 7% avg. Grain sorghum planting winding down in High Plains. Few fields in Low Rolling Plains beginning to head. Many fields across north, south-central were showing signs of stress from hot, dry conditions. Fields south-central, along Upper Coast, Coastal Bend rapidly turning color. Harvest resumed in Coastal Bend, made good progress in valley. Sorghum 56% headed, 73% 1995, 62% avg.; 40% turning color, 59% 1995, 45% avg.; 23% mature, 37% 1995, 23% avg.; 6% harvested, 17% 1995, 8% avg. Cotton planting virtually completed. Some poorer stands plowed up, were replanted to alternative crops. Fields in High Plains remain various stages, generally the crop is later than normal. Recent rain improved many fields. Bolls beginning to open Coastal Bend, Rio Grande Valley. Cotton 4% open bolls, 5% 1995, 3% avg. Rice producers able decrease their irrigation needs with recent heavy

rains along Upper Coast. Many fields showing poor kernel development. Disease on the rise also. Peanuts most fields in Plains, north-central good condition. Irrigated fields south, fair condition. Some dryland fields may not make a crop. Soybeans improved growth, development reported along Upper Coast with recent rains. Fields in north-central flowering. Planting continued in High Plains, with some fields going in behind disastered out cotton.

**Commercial Vegetables:** Rio Grande Valley, melon harvest winding down more fields. San Antonio-Winter Garden, cantaloup, watermelon harvest continued. East, sweetpotatoes fair to good condition. Watermelon harvest continued. High Plains, potato harvest continued. Onion harvest begin soon. Trans-Pecos, cantaloup harvest increased. Pecans spraying for second generation case bearers increased. Prospects fair most areas; however, some producers south, reporting good prospects. Soil moisture remains critical most areas.

**Range and Livestock:** Haying activity decreasing many areas. Hot, dry conditions will continue slow growth. Many producers will now be preparing for fall cutting. Increased greening continued areas receiving significant rainfall over past few weeks. Increased fly problems occurring many areas.

**UTAH:** Days suitable for fieldwork 6.8. Topsoil 12% very short, 42% short, 43% adequate, 3% surplus. Subsoil 12% very short, 41% short, 44% adequate, 3% surplus. Irrigation water supply 10% very short, 22% short, 62% adequate, 6% surplus. Stock water supply 9% very short, 30% short, 57% adequate, 4% surplus. Spring wheat headed 90%, 85% 1995, 89% avg. Oats headed 60%, 57% 1995, 63% avg. Corn height 32 in., 15 in. 1995, 25 in. avg. Alfalfa hay second cutting 16%, 10% 1995, 15% avg. Oats harvested for hay or silage 20%, 9% 1995. Other hay cut 37%, 36% 1995, 45% avg. Sweet cherries picked 55%, 16% 1995. Tart cherries picked 5%. Range, pasture feed 6% very poor, 9% poor, 38% fair, 46% good, 1% excellent. Major farm, ranch activities: Irrigating crops, harvesting second crop alfalfa, other hay, spraying corn for mites, picking cherries.

**VIRGINIA:** Days suitable for fieldwork 5.8. Topsoil 2% very short, 33% short, 63% adequate, 2% surplus. Subsoil 1% very short, 21% short, 75% adequate, 3% surplus. Corn 20% silked, 1995 19%, 20% avg.; 5% dough, 1995 1%, 2% avg.; 3% poor, 20% fair, 63% good, 14% excellent. Soybeans 85% planted, 77% 1995, 79% avg.; 2% poor, 21% fair, 68% good, 9% excellent. Oats 75% harvested, 51% 1995, 69% avg. Winter wheat 70% harvested, 56% 1995, 69% avg. Barley 85% harvested, 86% 1995, 94% avg. Cotton 8% poor, 27% fair, 43% good, 22% excellent. Peanuts 30% pegged; 7% fair, 60% good, 33% excellent. Alfalfa 3% poor, 19% fair, 70% good, 8% excellent. Other hay 21% fair, 72% good, 7% excellent. Summer potatoes 20% harvested, 19% 1995, 26% avg. Fire cured tobacco 16% poor, 43% fair, 41% good. Flue cured tobacco 8% poor, 47% fair, 42% good, 3% excellent. Burley tobacco transplanted 99%, 100% 1995, 99% avg.; 23% fair, 68% good, 9% excellent. Sun cured tobacco 9% poor, 46% fair, 45% good. Pasture feed 1% very poor, 5% poor, 28% fair, 65% good, 1% excellent. Apples 10% poor, 15% fair, 50% good, 25% excellent. Peaches 3% poor, 30% fair, 67% good. Activities: Soybean planting, small grain harvest progressed in generally drier weather. Squash, cucumbers, tomatoes, sweet corn, potatoes being harvested. Vegetable crops being irrigated. Burley tobacco transplanting virtually complete. Tobacco farmers cultivating, irrigating, laying by, side-dressing. Scattered reports of hail damage. Localized drought conditions, especially in south-central Virginia, are causing tobacco to bloom prematurely, corn to twist, stressing crops.

**WASHINGTON:** Days suitable for fieldwork 6.8. Topsoil 2% very short, 51% short, 47% adequate; subsoil 36% short, 64% adequate.

Warm weather prevailed. Fair yields are expected for spring crops. Winter wheat harvest is expected to start next week in early areas. Winter wheat, dryland 3% poor, 7% fair, 52% good, 38% excellent; irrigated, 78% good, 22% excellent. Barley, dryland 14% poor, 25% fair, 39% good, 22% excellent; irrigated, 98% good, 2% excellent. Hay, other roughage supplies, 1% short, 80% adequate, 19% surplus. Range, pasture feed, 25% fair, 49% good, 26% excellent. As warmer conditions prevailed, hay harvest continued, range, pasture dried. Spring wheat 70% headed, 88% 1995, 93% avg. Alfalfa first cutting 96%, 97% 1995, 98% avg.; second cutting 63%, 41% 1995, 43% avg. Cherry harvest will continue through July in higher elevations. Hand thinning of apples continued. Early harvesting of vegetables continued. Strawberry harvest came to an end. Peas, lentils were sprayed for aphids. Raspberry harvest began. Early potato fields were scheduled for vine killing.

**WEST VIRGINIA:** Days suitable for fieldwork 5.1. Topsoil 15% short, 76% adequate, 9% surplus. Wheat 21% poor, 57% fair, 22% good; 99% headed, 85% 1995, 97% avg.; 16% harvested, 1% 1995, 27% avg. Hay 9% poor, 31% fair, 55% good, 5% excellent; first cutting 76%, 80% 1995, 88% avg.; 2nd cutting 5%, 7% 1995, 13% avg. Corn 18% fair, 74% good, 8% excellent; 1% silking. Oats 9% poor, 16% fair, 74% good, 1% excellent; 86% headed, 13% harvested, 9% 1995. Soybeans 85% good, 15% excellent; planted 94%, 96% 1995. Tobacco 34% fair, 66% good; transplanted 100%, 98% 1995, 100% avg. Cattle 1% poor, 19% fair, 78% good, 2% excellent. Sheep 11% fair, 82% good, 7% excellent. Apples 100% fair. Peaches 100% fair. Activities: Planting soybeans, cutting and baling hay, harvesting oats and wheat, working livestock, clipping pastures, equipment maintenance.

**WISCONSIN:** Days suitable for fieldwork 5.9. Soil moisture 7% short, 75% adequate, 18% surplus. Last week brought good haying weather for most of the State. As of 7th the statewide average for first crop hay harvested was 90%, compared with 96% 1995, 89% avg. Later harvested hay had good yields, poor quality. Some farmers have started to harvest their second crop hay. South-central, southeast districts noted leafhoppers in the alfalfa. Sunny weather, adequate moisture levels almost doubled the corn height last week. Corn plantings had a statewide average height of 23 in. (8 in. taller than in 1993), compared with 36 in. 1995. Some areas had uneven corn growth, uncontrolled weed problems due to the wet weather conditions. There was a lot of cultivating, spraying, applying of nitrogen being done in the corn fields. Soybean 3% very poor, 7% poor, 31% fair, 51% good, 8% excellent. Oats, barley looking good overall statewide. Yields for peas varied widely, ranging from poor to good. Winter wheat was reported turning color in the southern districts. A reporter in the south-central district noted scab may decrease wheat yields in some areas. Winter wheat 2% very poor, 11% poor, 33% fair, 43% good, 11% excellent. Strawberry fields were starting to be picked in the northern half of the State. Pasture feed 1% very poor, 3% poor, 17% fair, 64% good, 15% excellent.

**WYOMING:** Days suitable for fieldwork 6.3. Topsoil 46% adequate or surplus. Winter wheat 99% turning color, 31% 1995, 50% avg.; 17% mature, 0% 1995, 17% avg. Barley 82% headed, 63% 1995, 73% avg.; 9% turning color, 24% 1995, 19% avg. Oats 74% headed, 21% 1995, 52% avg.; 20% turning color, 2% 1995, 7% avg. Spring wheat 65% headed, 17% 1995, 59% avg.; 22% turning color, 1% 1995, 17% avg. Sugar beets 98% thinned, 93% 1995, 96% avg. Dry beans 98% emerged, 97% 1995, 96% avg.; 3% in bloom, 0% 1995. Corn height 24 in., 17 in. 1995. Alfalfa 1st cutting 65%, 51% 1995, 62% avg. Other hay 32% harvested, 19% 1995, 25% avg. Range, pasture feed 30% fair, 57% good, 13% excellent.

June 1996

MONTHLY DATA FROM SELECTED FOREIGN CITIES  
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA

\*\* = DATA NOT AVAILABLE

**International Weather and Crop Summary**

June 30 - July 6, 1996

**HIGHLIGHTS**

**FSU-WESTERN:** Unfavorably hot, dry weather continued over parts of Ukraine and Russia.

**FSU-NEWLANDS:** Showers and seasonable temperatures favored spring grains in Russia and Kazakhstan.

**EUROPE:** Rain eased prolonged dryness in the northwest.

**AUSTRALIA:** Showers continued throughout the major winter grain areas, aiding crop development.

**CANADA:** Warmer weather spurred grain and oilseed growth across the Prairies.

**SOUTH ASIA:** Heavy rain continued in eastern rice areas, but unfavorable dryness persisted in oilseed, grain, and cotton areas of central and southern India.

**SOUTHEAST ASIA:** Showers returned to Thailand as drier weather prevailed across the northern Philippines.

**EASTERN ASIA:** Heavy rain caused flooding along China's lower Yangtze Valley, possibly damaging rice and cotton crops.

**SOUTH AMERICA:** Moisture is needed for winter wheat germination in portions of central Argentina. Rain continues to favor vegetative winter wheat in southern Brazil.

**MEXICO:** Showers continued to benefit vegetative corn in the main corn belt as Tropical Storm Christina hit southern Mexico.

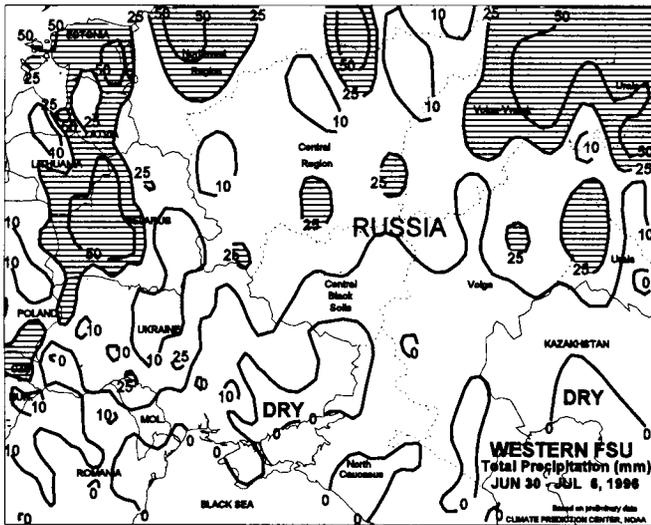
COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL F/NRM	
NORWAY	OSLO	18	9	23	3	14	-0.6	32	-41
SWEDEN	STOCKHOLM	20	10	26	5	15	-0.5	28	-19
FINLAND	HELSINKI	19	9	25	5	14	-1.3	53	9
U KING	GLASGOW	18	9	24	3	13	-0.8	42	-23
	EDINBURGH	19	9	25	4	14	0.8	16	-34
	BIRMINGHAM	20	8	27	2	14	0.2	26	-32
	LONDON	21	9	31	5	15	1.0	10	-47
IRELAND	DUBLIN	18	9	23	4	13	-0.2	20	-36
ICELAND	REYKJAVIK	12	8	17	3	10	1.4	55	4
DENMRK	COPENHAGEN	18	10	25	4	14	-1.8	30	-17
LUXEMB	LUXEMBOURG	22	12	31	6	17	1.4	28	-46
SWITZL	ZURICH	22	13	31	7	18	2.2	93	-35
	GENEVA	24	13	31	8	18	2.0	97	10
FRANCE	PARIS/ORLY	24	13	34	10	19	***	3	**
	STRASBOURG	24	13	33	8	18	1.3	93	17
	BOURGES	24	13	32	7	19	1.8	18	-40
	BORDEAUX	27	15	34	9	21	3.1	69	12
	TOULOUSE	26	15	32	10	21	2.4	37	-23
	MARSEILLE	28	17	34	12	23	1.8	24	-4
SPAIN	VALLADOLID	28	12	34	6	20	2.3	23	-13
	MADRID	30	14	36	9	22	1.6	0	-26
	SEVILLE	34	19	39	16	26	1.4	0	-9
PORTUG	LISBON	28	17	34	13	23	2.7	0	-22
GERMNY	HAMBURG	19	11	33	6	15	-0.7	26	-49
	BERLIN	21	12	33	8	17	-0.6	52	-24
	DUSSELDORF	22	11	33	5	16	-0.7	50	-16
	LEIPZIG	21	11	32	6	16	-0.5	19	-48
	DRESDEN	20	12	31	7	16	-0.6	45	-23
	STUTTGART	22	12	31	7	17	0.4	71	-22
	NURNBERG	22	11	32	5	17	-0.1	41	-34
AUSTRI	VIENNA	24	13	31	6	19	0.4	92	30
	INNSBRUCK	24	12	33	6	18	2.0	85	-23
CZECH	PRAGUE	21	11	31	7	16	-0.1	92	19
POLAND	WARSAW	22	11	33	5	16	-0.2	33	-39
	LODZ	22	11	33	6	17	0.7	47	-22
	KATOWICE	22	11	31	6	17	0.8	93	5
	PRZEMYSL	22	12	31	7	17	0.7	58	-39
HUNGAR	BUDAPEST	26	15	34	10	20	1.4	32	-31
F YUGO	BELGRADE	27	17	34	11	22	2.0	56	-37
ROMANI	BUCHAREST	29	14	35	8	22	1.1	91	3
BULGAR	SOFIA	27	14	33	9	20	2.6	42	-42
ITALY	MILAN	29	18	35	12	24	2.9	61	-6
	VERONA	27	16	34	12	22	1.1	59	-29
	VENICE	27	18	33	12	22	1.6	45	-31
	GENOA	26	19	32	15	22	0.5	78	29
	ROME	27	14	32	9	21	-0.3	33	12
	NAPLES	28	18	31	14	23	1.7	13	-22
GREECE	THESSALONIKA	29	18	35	15	24	-0.5	21	-11
	LARISSA	31	16	39	12	23	-1.3	1	-24
	ATHENS	31	21	35	15	26	0.9	0	-9
TURKEY	ISTANBUL	26	17	31	12	22	1.1	14	-10
	ANKARA	25	9	36	2	17	-3.4	1	-37
CYPRUS	LARNACA	31	20	36	16	25	0.7	0	-5
ESTONI	TALLINN	17	9	24	5	13	-1.6	60	9
FSU	ST. PETERSBERG	19	11	27	6	15	-0.5	43	-11
LITHUA	KALNAS	20	10	28	6	15	-0.9	61	-32
FSU	MINSK	21	11	30	4	16	-0.2	23	-54
	KAZAN	22	13	30	6	18	0.3	69	1
	MOSCOW	21	12	30	6	17	-0.2	101	25
	YEKATERINBURG	25	14	32	9	19	2.9	77	6
	QMSK	24	13	32	5	19	1.1	68	10
	KUSTANAY	29	16	34	9	22	3.4	65	26
	NOVOSIBIRSK	22	11	30	1	17	0.5	115	62
	BARNAUL	23	12	32	4	17	-0.4	123	80
	KHABAROVSK	24	12	29	0	18	-0.3	69	-10
	VLADIVOSTOK	15	11	23	8	13	0.0	131	19
	KIEV	24	14	31	8	19	0.8	69	-3
	LVOV	22	11	32	4	17	0.7	82	-16
	KIROVOGRAD	25	13	32	9	19	-0.1	19	-33
	ODESSA	25	16	32	11	21	1.1	7	-35

Based on Preliminary Reports

June 1996

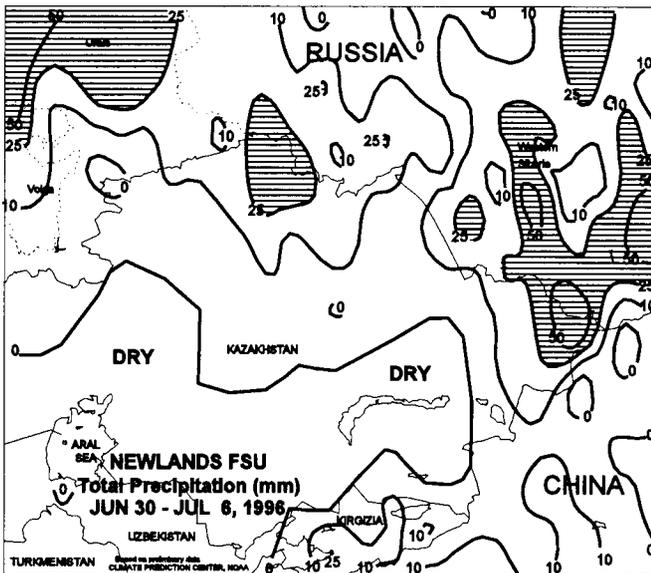
COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)			COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
	AVG	AVG	HI	LO	DPART	DPART	TOTAL	DPART		AVG	AVG	HI	LO	DPART	DPART	TOTAL	DPART
	MAX	MIN	MAX	MIN	AVG	F/NRM	F/NRM	F/NRM		MAX	MIN	MAX	MIN	AVG	F/NRM	F/NRM	F/NRM
FSU YALTA	25	17	31	12	21	0.4	19	-24	ETHIOP ADDIS ABABA	20	12	24	10	16	-1.3	288	170
SARATOV	25	16	35	11	21	2.1	35	-9	KENYA NAIROBI	23	14	25	13	19	0.9	48	21
KHARKOV	24	14	30	9	19	0.0	69	10	TANZAN DAR ES SALAAM	29	20	31	18	25	0.5	12	-23
VOLGOGRAD	24	15	35	10	20	-1.7	122	95	GABON LIBREVILLE	**	**	29	21	**	***	***	**
ROSTOV	26	15	35	10	20	-0.8	30	-29	TOGO LOME	30	24	33	22	27	1.2	170	-109
ASTRAKHAN	28	17	37	12	23	0.0	51	29	B FASO OUAGADOUGOU	35	26	40	22	30	1.1	27	-81
KRASNOGAR	25	15	34	8	20	-1.0	66	-11	IVRY C ABIDJAN	30	25	33	20	27	1.3	329	-239
ORENBURG	29	16	38	7	22	2.3	12	-26	MOZAMB MAPUTO	**	**	29	9	**	***	***	**
TSELINOGRAD	27	14	33	6	20	2.1	37	5	ZAMBIA LUSAKA	**	**	27	7	**	***	0	-1
KARAGANDA	26	14	34	7	20	0.7	39	3	ZIMBAB HARARE	21	8	26	-3	14	1.2	1	-2
TBILISI	26	15	34	11	20	-0.9	95	27	S AFRI PRETORIA	21	5	24	1	13	1.3	3	-4
TASHKENT	33	18	37	7	25	-0.2	2	-5	JOHANNESBURG	18	4	21	-2	11	1.2	2	-8
ASHKABAD	34	22	40	16	28	-0.6	0	-4	BETHAL	18	0	21	-5	9	0.8	0	-8
SYRIA DAMASCUS	35	14	40	9	25	-0.1	0	0	DURBAN	24	9	33	5	17	-0.1	1	-27
ISRAEL JERUSALEM	28	16	33	13	22	0.1	0	0	CAPE TOWN	19	8	26	3	13	0.6	95	2
PAKIST KARACHI	35	28	42	23	32	0.3	31	26	CANADA TORONTO	23	14	30	8	19	1.2	118	49
INDIA AMRITSAR	36	26	44	21	30	-1.9	241	184	MONTREAL	24	14	28	9	19	0.7	63	-20
NEW DELHI	37	27	45	25	32	-1.5	161	92	WINNIPEG	25	12	36	4	18	1.5	63	-19
AHMEDABAD	39	28	44	25	34	0.7	97	-4	REGINA	23	10	34	3	17	0.1	65	-1
INDORE	38	25	44	22	31	1.2	56	-80	SASKATOON	22	9	33	2	16	-0.4	87	27
CALCUTTA	34	26	37	23	30	-0.3	237	-14	LEATHERIDGE	23	8	33	1	16	-0.1	60	-7
VERAVAL	33	28	38	26	31	1.2	17	-181	CALGARY	20	7	29	2	13	-0.7	60	-16
BOMBAY	33	27	36	24	30	1.0	219	-429	EDMONTON	19	9	27	6	14	-1.5	103	23
POONA	32	23	38	21	28	0.3	194	69	VANCOUVER	19	11	23	8	15	0.0	14	-32
BEGAMPET	35	25	41	22	30	1.0	74	-33	MEXICO GUADALAJARA	29	17	32	15	23	0.2	110	-42
VISHAKHAPATNAM	31	27	34	23	29	***	458	**	MEXICO CITY	24	14	27	11	19	1.5	110	5
MADRAS	36	27	40	23	31	-1.1	361	297	ACAPULCO	33	25	36	21	29	0.5	233	-13
MANGALORE	31	24	36	22	27	0.7	983	1	BERMUD ST. GEORGES	26	23	27	18	25	-0.7	242	105
H KONG KINGS PEAK	31	26	33	24	29	***	417	**	BAHAMA NASSAU	31	24	34	21	27	0.2	107	-113
N KREA PYONGYANG	24	16	31	12	20	1.2	228	71	JAMAIC KINGSTON	32	27	33	25	29	0.8	19	-46
S KREA SEOUL	27	19	33	15	23	2.2	252	83	P RICO SAN JUAN	31	24	33	23	27	-0.5	43	-58
JAPAN SAPPORO	20	12	27	6	16	0.3	32	-36	GUADEL RAIZET	31	24	32	22	28	0.4	81	18
NAGOYA	27	20	32	16	23	1.3	181	-39	MARINQ LAMENTIN	30	25	31	23	28	1.0	90	-79
TOKYO	26	20	32	16	23	1.4	38	-147	BARBAD BRIDGETOWN	30	25	31	23	28	0.3	72	-11
YOKOHAMA	26	20	30	16	23	1.6	69	-147	TRINID PORT OF SPAIN	31	24	34	22	27	0.7	130	-106
KYOTO	28	20	33	13	24	1.6	223	-25	COLOMB BOGOTA	19	9	22	5	14	0.5	74	7
OSAKA	27	21	32	16	24	1.0	289	82	VENEZU CARACAS	31	24	33	22	27	0.6	26	-29
THAILN PHETCHABUN	34	25	36	23	29	1.1	125	-57	F GUIA CAYENNE	30	23	33	22	26	0.8	436	-16
BANGKOK	34	26	36	24	30	0.7	140	-8	BRAZIL FORTALEZA	**	**	31	21	**	***	19	-135
MALAYS KUALA LUMPUR	33	25	35	23	29	1.8	243	116	RECIFE	**	**	28	21	**	***	***	**
VIEINM HANOI	33	27	37	24	30	0.6	203	-36	BELO HORIZONTE	24	14	28	11	19	0.3	0	-13
CHINA HARBIN	27	16	34	8	21	1.6	95	27	CAMPO GRANDE	25	15	31	6	20	-0.1	3	-39
HAMI	32	15	38	2	23	-1.6	0	-6	FRANCA	23	14	28	6	19	3.1	30	3
LANCHOW	26	14	34	7	20	-0.1	71	35	LONDRINA	**	13	29	7	**	***	7	-90
BEIJING	30	21	36	15	25	1.0	55	-16	SANTIA MARIA	17	7	29	-1	12	-1.2	135	-9
TIENTSIN	30	20	36	16	25	0.3	91	25	PORTO ALEGRE	18	7	30	-1	13	-2.3	136	-4
LHSA	21	8	27	2	15	-1.4	88	18	PERU LIMA	17	14	19	14	16	-2.0	3	2
KUNMING	23	17	28	13	20	0.5	160	-10	BOLIVI LA PAZ	13	-3	16	-9	5	-1.6	0	-3
CHENGCHOW	32	21	38	14	26	0.4	16	-45	CHILE SANTIAGO	16	2	32	-4	9	0.4	24	-42
YEHCHANG	29	21	36	17	25	1.5	194	42	ARGENT IGUAZU	20	10	29	-1	15	***	174	**
HANKOW	29	23	35	19	26	0.5	311	106	FORMOSA	20	10	29	-1	15	-2.1	23	-36
CHUNGKING	30	23	38	20	26	***	278	**	CERES	18	4	30	-6	11	-1.7	0	-22
CHIHKIANG	28	22	33	19	25	0.5	96	-100	CORCOBA	17	4	30	-7	10	-0.3	8	-3
WU HU	29	22	38	15	25	***	357	**	RIO CUARTO	14	4	25	-4	9	-0.6	5	-12
SHANGHAI	28	22	35	16	25	***	250	**	ROSARIO	16	4	27	-5	10	0.1	9	-28
NANCHANG	30	24	34	19	27	1.1	267	-15	BUENOS AIRES	14	4	26	-4	9	-0.7	14	-35
TAIPEI	33	26	36	24	29	2.7	160	-156	SANTA ROSA	14	1	20	-5	8	0.0	11	-5
CANTON	32	26	34	23	29	1.1	273	15	TRES ARROYOS	12	3	22	-4	8	0.0	11	-18
NANNING	32	25	36	23	29	0.9	306	90	N CALD NOUMEA	24	19	28	17	22	0.6	62	-67
CNRY I LAS PALMAS	26	20	30	17	23	1.5	1	1	FIJI NAUSORI	26	22	30	18	24	0.7	329	187
MOROCC CASABLANCA	25	20	29	16	23	2.5	0	-6	SAMOA PAGO PAGO	31	26	32	23	28	1.5	160	-29
MARRAKECH	33	19	39	15	26	3.2	27	25	TAHITI PAPEETE	30	22	31	20	26	1.0	24	-35
ALGERI ALGER	27	15	35	11	21	-0.3	32	10	PA N G PORT MORESEY	30	24	32	21	27	0.4	1	-55
BAINA	27	12	35	6	20	-1.2	21	-2	AUSTRL DARWIN	31	21	33	19	26	1.0	0	-2
TUNISI TUNIS	29	18	38	15	23	0.3	58	47	BRISBANE	21	12	23	5	16	0.3	35	-39
NIGER NIAMEY	37	27	43	21	32	0.2	109	42	PERTH	19	10	22	5	15	0.5	234	66
MALI TIMBUKTU	42	**	47	25	**	***	4	-12	CEDUNA	18	7	24	2	13	0.2	39	8
BAMAKO	34	24	39	21	29	0.1	93	-33	ADELAIDE	16	9	20	3	13	0.9	89	38
MAURIT NOUAKHOTT	35	22	47	19	28	1.3	2	2	MELBOURNE	14	6	18	-1	10	-0.1	43	5
SENEGAL DAKAR	30	24	36	21	27	1.1	3	-10	WAGGA	14	4	21	-1	9	1.0	73	32
CHAG A DIEGO GARCIA	30	26	33	23	28	1.4	142	-16	CANBERRA	13	1	18	-6	7	0.5	36	7
LIBYA TRIPOLI	30	19	41	15	25	-1.8	0	-1	INDONE DJAKARTA	32	24	37	21	28	1.4	74	**
BENGHAZI	31	20	40	17	25	-0.5	0	0	PHILIP MANILA	33	27	36	24	30	1.0	152	-104
EGYPT CAIRO	34	21	40	19	27	-0.3	0	0									
ASWAN	41	26	45	21	33	-0.1	0	0									

Based on Preliminary Reports



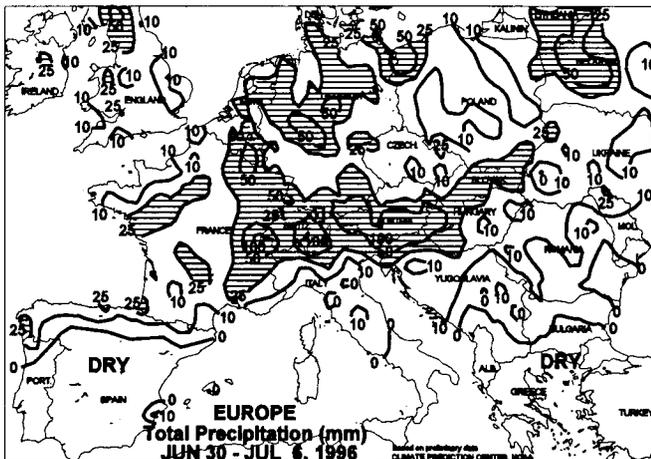
**FSU-WESTERN**

In Russia, dry weather persisted over North Caucasus, lower and middle Volga Valley, and the southern Black Soils Region, helping winter grain harvesting. Although seasonable temperatures prevailed over these areas at the beginning of the week, temperatures rose significantly as the week progressed, reaching as high as 37 degrees C at week's end. In addition, the combination of heat and dryness placed increasing stress on spring grains and summer crops and accelerated crop development. As a result, crop conditions likely deteriorated. Russia's hot, dry weather spread westward into southern and eastern Ukraine, creating highly unfavorable conditions for spring grains and summer crops as well. Elsewhere, light to moderate showers (10-25 mm, with local amounts in excess of 50 mm) were accompanied by near- to below-normal temperatures northward from western Ukraine, through Belarus into the Baltics, and eastward across northern Russia. These weather conditions favored winter grains in the filling stage and spring grains advancing through reproduction.



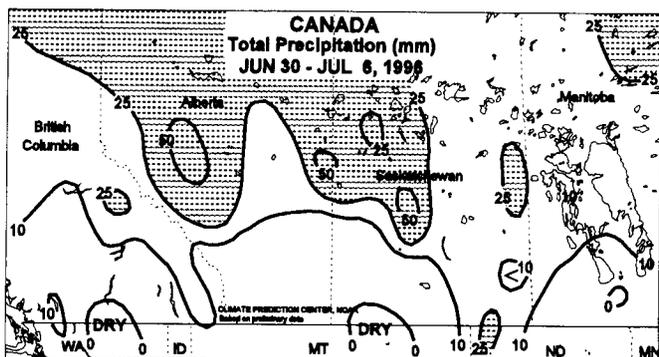
**FSU-NEW LANDS**

In Russia, widespread showers (10-37 mm) were accompanied by seasonably mild weather, benefiting spring grains in the jointing stage. Farther south, mostly dry weather prevailed over western Kazakhstan, while light showers (5-25 mm) fell over major spring grain-producing areas in central Kazakhstan. Spring grains in Kazakhstan are in or nearing reproduction, a time when crops are most sensitive to weather extremes. Subsoil moisture reserves are likely limited throughout the country, and timely follow-up rains will be needed for normal crop development. Weekly temperatures averaged near normal over Kazakhstan.



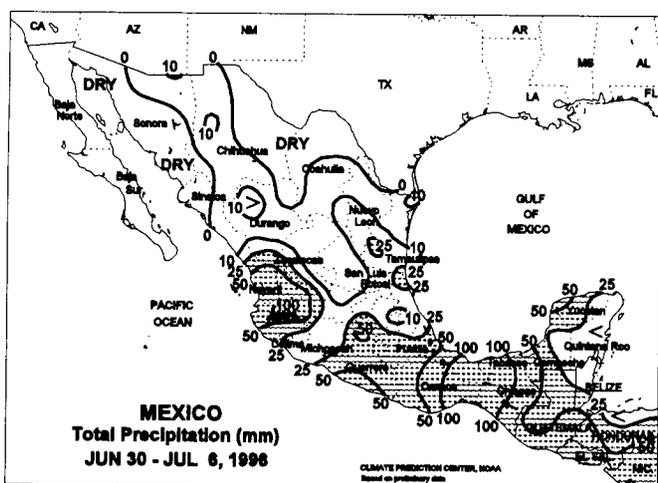
**EUROPE**

Light to moderate showers (10-40 mm, with local amounts in excess of 50 mm) fell over central and northern Europe, while dry weather prevailed over Mediterranean areas and the southeast. The rain that fell over England and from extreme northern France eastward through the Benelux countries and northern Germany helped to ease long-term dryness, benefiting winter grains in the filling stage and spring grains in or nearing reproduction. Farther south, although wet weather over the southern half of France and northern Italy interrupted the winter grain harvest, it maintained favorable moisture for developing summer crops. In Romania and Bulgaria, dry weather favored winter grain maturation and harvesting. However, hot weather (highest weekly temperatures ranging from 33-40 degrees C) accompanied the dryness, increasing the crop-water requirements of summer crops. Weekly temperatures over these areas averaged 2 to 4 degrees C above-normal. Over remaining areas of Europe, weekly temperatures averaged 2 to 4 degrees C below normal, slowing crop development.



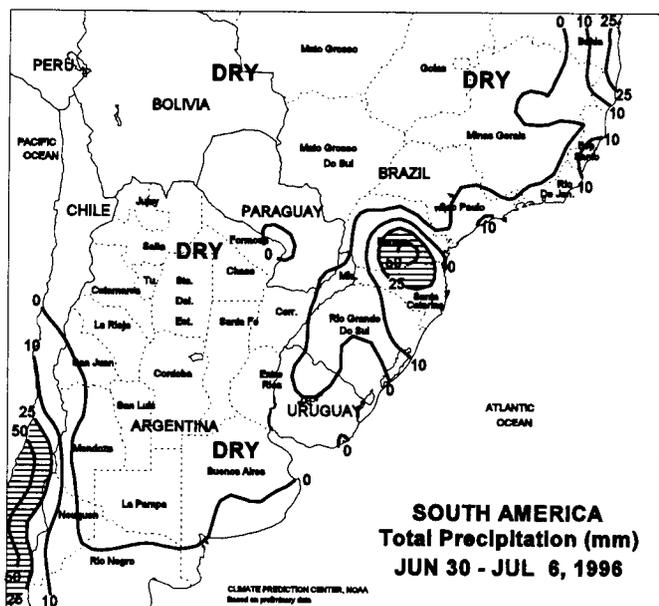
**CANADA**

A warming trend spread northward into the Prairies, enhancing growth of vegetative to reproductive grains and oilseeds. Temperatures averaged 1 to 3 degrees C above normal, except for Alberta's Peace River Valley, which averaged 2 to 3 degrees C below normal and recorded low temperatures below 5 degrees C. At midweek, highs hit the mid-30's C over southern and central crop areas, occurring for 2 to 3 consecutive days along the U.S. border and subjecting reproductive crops to brief periods of stress. Rainfall totaled 10 mm or less over most of the warmest areas. Heaviest rain (25-61 mm) fell in extreme northern crop areas, including the Peace River Valley. In eastern Canada, mild, dry weather aided Ontario's crop development as moderate showers (25-50 mm) covered southern Quebec.



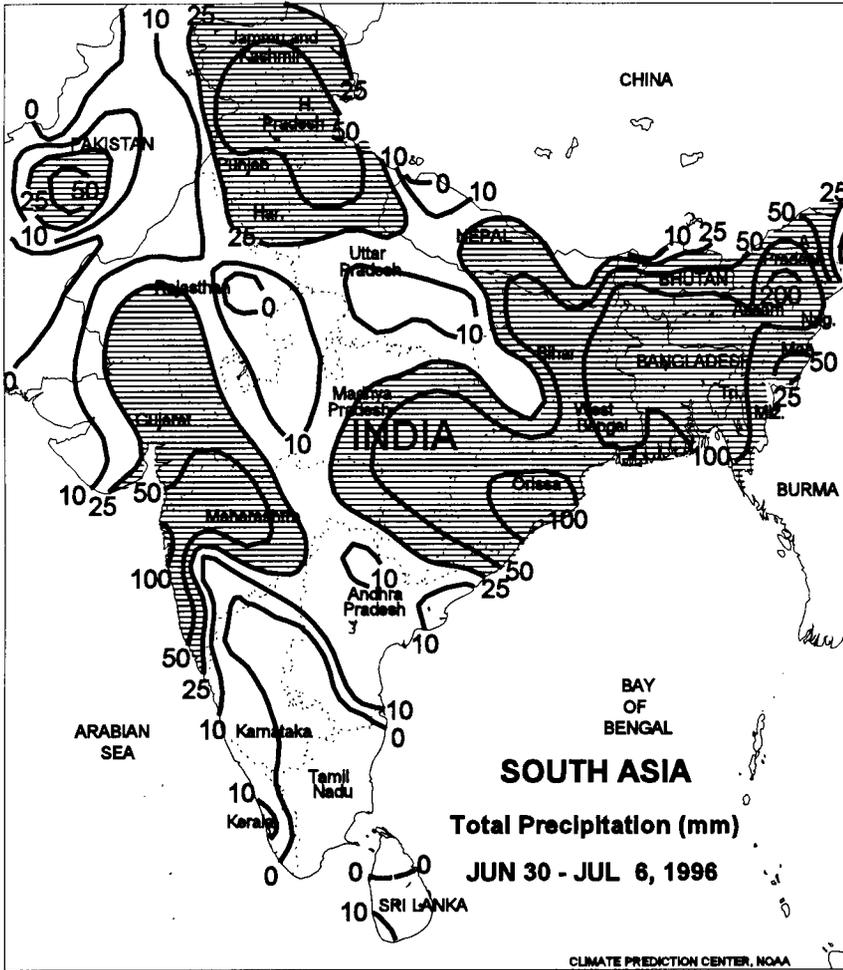
**MEXICO**

Seasonal showers (15-50 mm, with isolated amounts near 100 mm) again covered most of the Southern Plateau corn belt, benefiting germinating to early-vegetative corn. Tropical Storm Cristina, which hit southern Mexico (Oaxaca) on July 3, produced locally heavy rain and flooding. Remnants from Cristina did contribute to rainfall across the southern corn belt and to widespread showers (50-130 mm) across southeastern Mexico (Oaxaca, Tabasco, and Chiapas). Most of northern Mexico reported little, if any, rain. However, northeastern Mexico (Tamaulipas) received the first rain of the season (7-20 mm), though much more is needed to start erasing the long-term moisture deficits. Temperatures averaged 1 to 2 degrees above normal across northern and central Mexico.



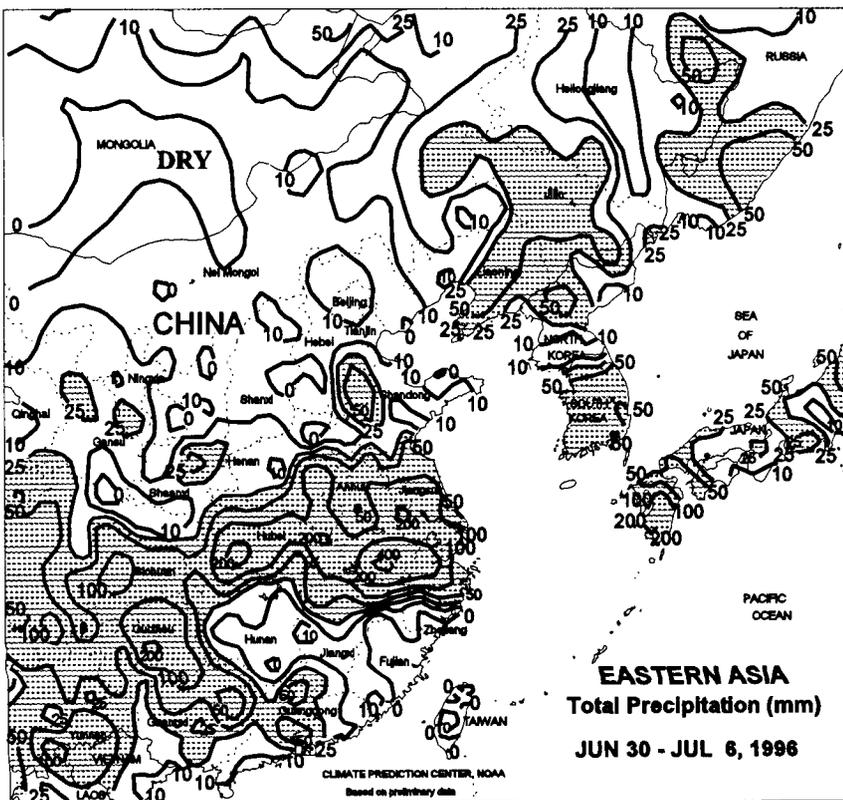
**SOUTH AMERICA**

Dry weather covered central Argentina, where topsoils are becoming dry for winter wheat germination. The dryness is not delaying planting, but rain will be needed during July to ensure adequate development. Cool weather (temperatures 2-4 degrees C below normal) has slowed early wheat growth. In southern Brazil, light to moderate rain (5-20 mm, with an isolated amount greater than 75 mm) kept topsoils moist for vegetative winter wheat from eastern Rio Grande do Sul into Parana.



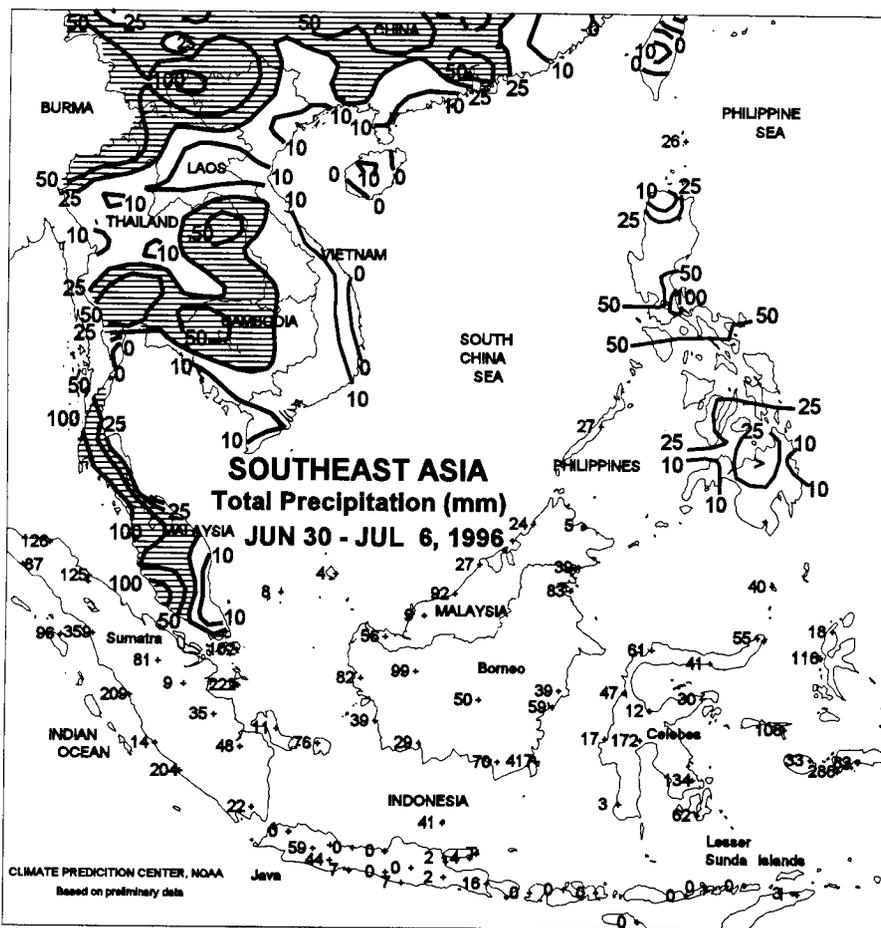
**SOUTH ASIA**

Moderate to heavy showers (25-50 mm or more) continued over much of eastern and north-central India, maintaining adequate to excessive moisture for rice and cotton. Rainfall exceeded 100 mm again over a broad area surrounding Bangladesh, increasing floodwaters. Elsewhere, rain (25-100 mm), accompanied by above-normal temperatures, covered sections of western India (southern Rajasthan to western Maharashtra) but continued to miss important oilseed and coarse grain areas of the central and southern interior. This included the heart of the soybean belt (western Madhya Pradesh), which still needs a soaking rain before planting can begin. Other areas trending dry recently included Karnataka and Andhra Pradesh, significant groundnut, sorghum, millet, and cotton producers.



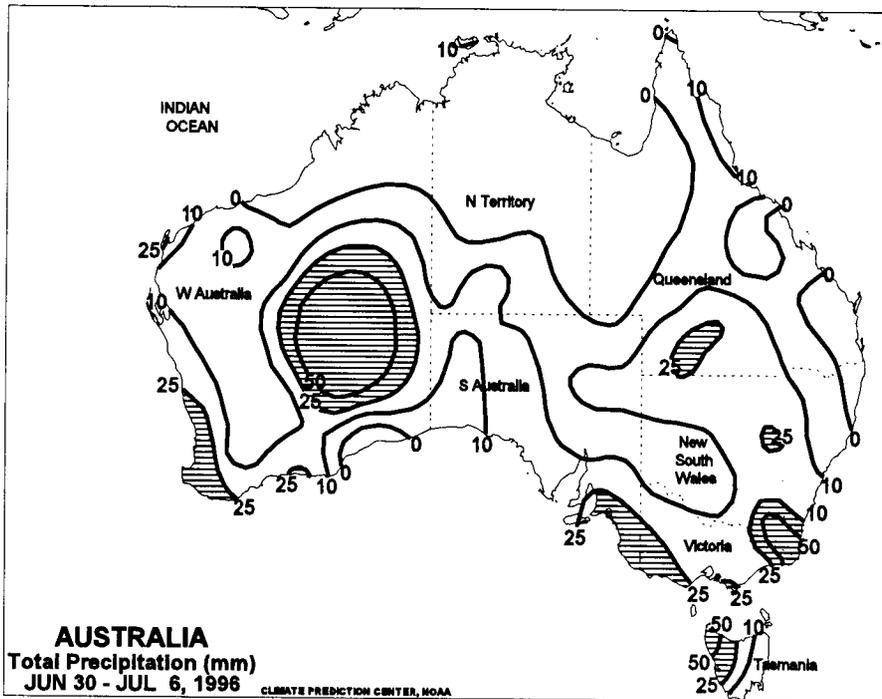
**EASTERN ASIA**

Excessive rain fell across the lower Yangtze Valley, causing flooding and possibly damaging rice and cotton. The heaviest rain (300-500 mm) fell in southern Anhui near the Yangtze River, with southern Jiangsu and northern Zhejiang also receiving heavy rain (100-300 mm). The rain and subsequent flooding disrupted early double-crop rice harvesting and late double-crop rice planting. However, losses to the early rice crop can be offset by increased plantings of the late crop. Vegetative single-crop rice and cotton may have experienced washouts, but damage should not be widespread to those crops. Elsewhere in China, showers (25-70 mm) benefited summer crops in Sichuan and Manchuria. In the North China Plain, showers (25-90 mm) benefited summer crops in western Shandong, and northern Anhui and Jiangsu, but mostly dry weather (less than 10 mm) prevailed elsewhere. Heavy rains (100-200 mm) possibly caused flooding in Guizhou, while light rain (less than 20 mm) fell across Hunan, Jiangxi, and Fujian. Moderate rain (15-60 mm) covered most of the Korean Peninsula and Japan, with heavy rain (100-300 mm) causing flooding in extreme southern Japan (Kyushu Island).



**SOUTHEAST ASIA**

Showers (15-60 mm) returned to Thailand after a week of drier weather, maintaining irrigation levels. Drier weather (less than 25 mm of rain) eased flooding across northern Vietnam. Showers (15-50 mm) benefited oil palm across peninsular Malaysia. The northern Philippines (western and northern Luzon) received variable showers (5-30 mm), where rainfall has been tending below normal. Elsewhere in the Philippines, showers (15-50 mm) benefited grains and sugarcane. Mostly dry weather prevailed across Java, except for moderate showers (12-60 mm) in east-central Java.



**AUSTRALIA**

Beneficial rain continued throughout the major winter grain belts. In the west, rainfall totaled 10 to 25 mm throughout western and southern grain areas but less than 10 mm in eastern sections of the wheat belt. In the east, showers (5-25 mm or more) were scattered through most grain and pasture areas. Since mid-June, rainfall has been 100 to 200 percent of normal or greater (25 to 100 mm or more) in nearly all major grain areas. The rain has improved conditions for crop emergence and establishment following a protracted drying trend that lingered midway into the planting season. Overall, mild weather accompanying the moisture enhanced early crop development. In New Zealand, moderate rain (10-20 mm, with isolated reports over 50 mm) covered the main pasture areas.

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

Annual subscriptions: domestic first class \$45, foreign \$55 (in U.S. funds by international money order or check drawn on U.S. bank) payable to U.S. Department of Commerce, NOAA. POSTMASTER: Send address changes to Weekly Weather and Crop Bulletin, NOAA/USDA, Joint Agricultural Weather Facility, USDA South Building, Room 5844, Washington, DC 20250. Order subscriptions from the office and address listed above. First class postage paid at Washington, DC, and additional mailing offices. E-mail address: [wwcb@jawfsrv.wwb.noaa.gov](mailto:wwcb@jawfsrv.wwb.noaa.gov)

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Pasture and Range Crop Condition by Percent Week Ending July 7, 1996											
	VP	P	G	F	EX		VP	P	G	F	EX
AL	6	28	50	16	0	NH	0	0	29	66	5
AZ	48	30	17	5	0	NJ	0	0	0	45	55
AR	0	21	41	35	3	NM	28	40	20	12	0
CA	0	0	30	60	10	NY	0	0	30	56	14
CO	4	14	34	43	5	NC	1	8	38	50	3
CT	0	0	6	88	6	ND	1	3	24	64	8
DE	0	0	28	67	5	OH	3	11	35	44	7
FL	5	5	5	70	15	OK	1	17	47	33	2
GA	5	29	44	22	0	OR	0	2	11	61	26
ID	0	0	15	63	22	PA	0	2	22	64	12
IL	2	9	33	48	8	RI	0	1	3	95	1
IN	1	10	36	47	6	SC	9	18	41	31	1
IA	2	8	28	51	11	SD	0	0	12	65	23
KS	2	11	33	52	2	TN	5	18	40	35	2
KY	1	6	29	56	8	TX	19	32	32	15	2
LA	1	9	36	47	7	UT	6	9	38	46	1
ME	0	9	28	53	10	VT	0	0	0	41	59
MD	1	3	14	60	22	VA	1	5	28	65	1
MA	0	0	3	74	23	WA	0	0	25	49	26
MI	1	9	29	55	6	WV	0	5	22	69	4
MN	1	10	40	41	8	WI	1	3	17	64	15
MS	7	23	37	29	4	WY	0	0	30	57	13
MO	2	11	52	34	1	ALL	5	12	30	45	8
MT	1	4	23	55	17						
NE	1	3	32	57	7	Prev Wk	4	9	27	50	10
NV	0	5	7	83	5	Prev Yr	2	5	22	53	18

NOAA/USDA Joint Agricultural  
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USDA South Building, Room 5844  
Washington, DC 20250

**WEEKLY NEWS BULLETIN  
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