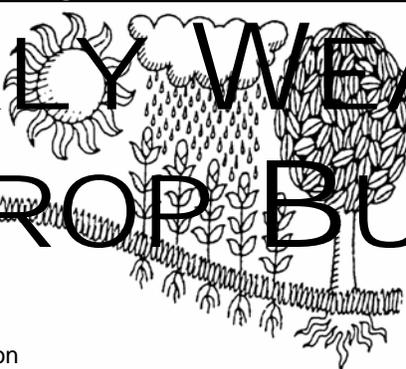
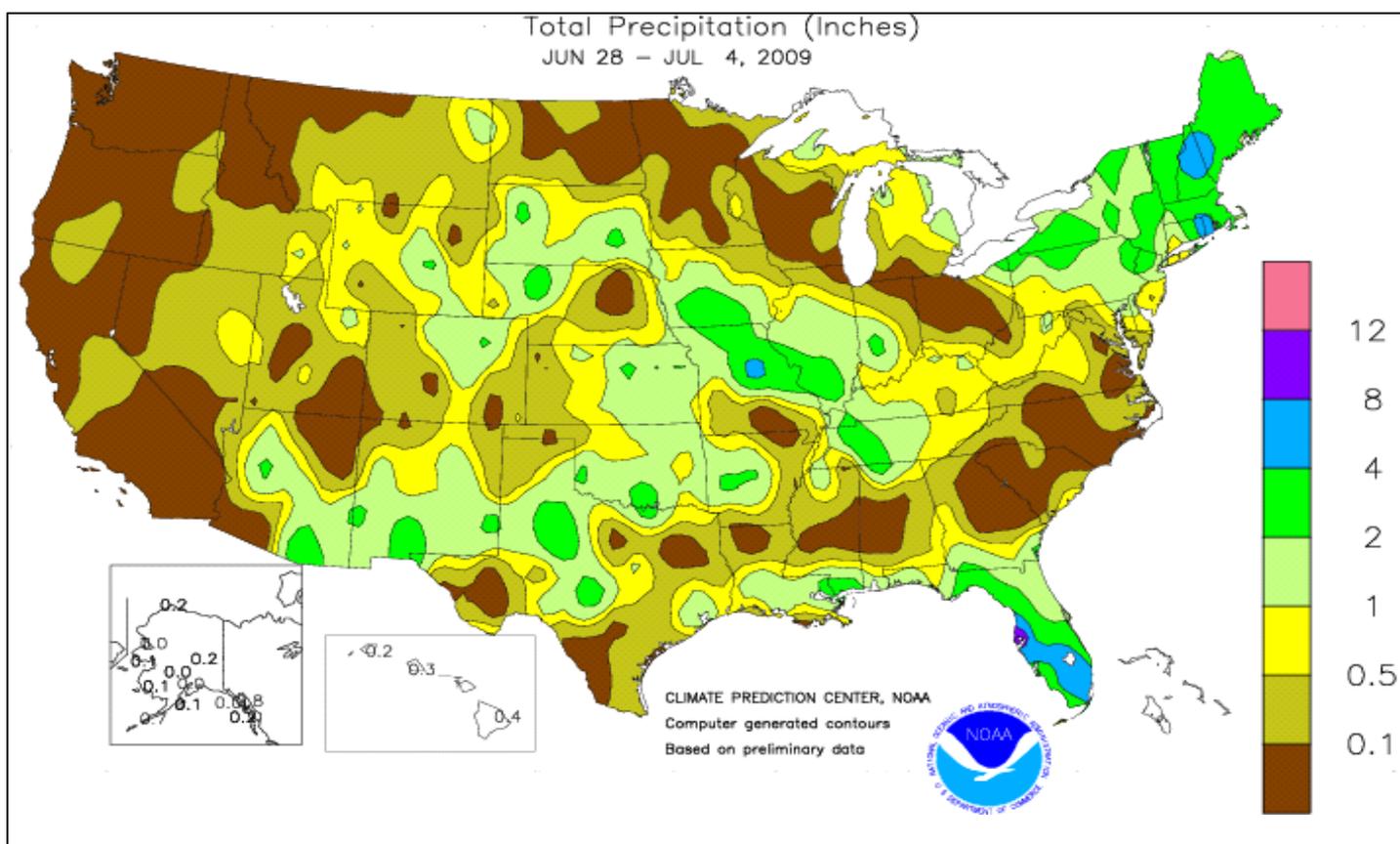


WEEKLY WEATHER AND CROP BULLETIN



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 28 - July 4, 2009

Highlights provided by USDA/WAOB

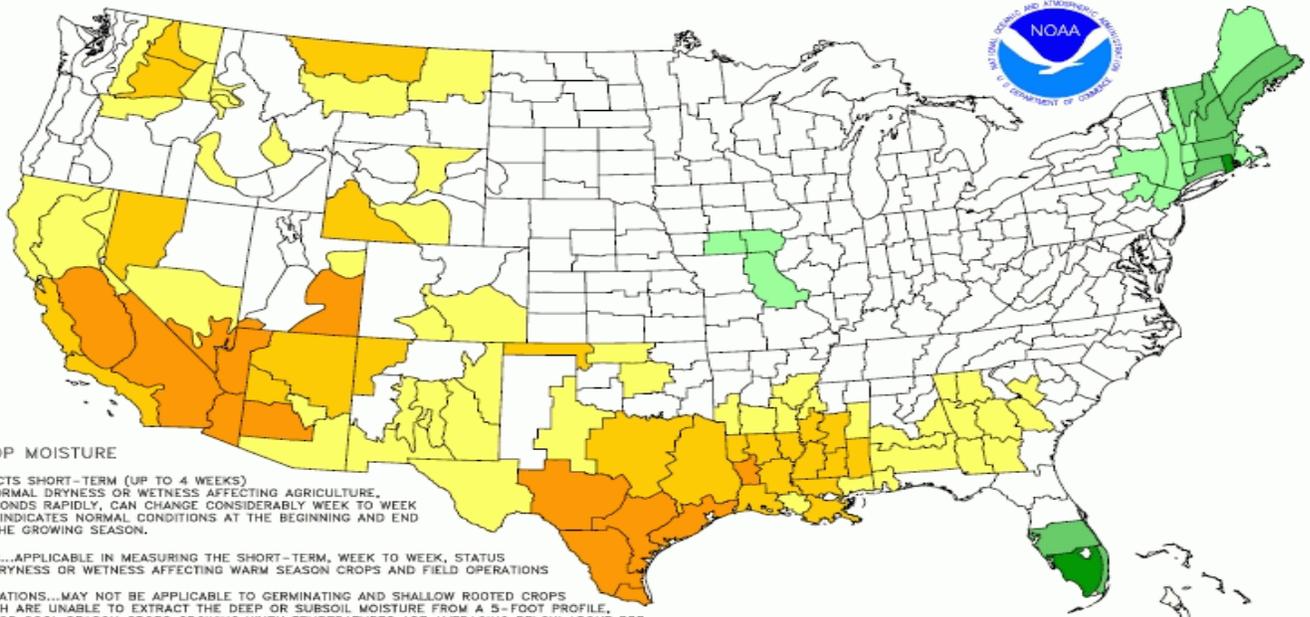
Much cooler air overspread the **Midwest** and **Northeast**, accompanied by heavy rain in the latter region. Weekly temperatures averaged at least 5°F below normal across a broad area of the **Midwest**, while rainfall totaled more than 4 inches at several locations in **New England**. Significant rain (as much as 2 to 4 inches) also fell in the **southwestern Corn Belt**, including the **middle Mississippi Valley**, while mostly dry weather prevailed in a swath from **Minnesota** to **Ohio**.

(Continued on page 5)

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Crop Moisture Index by Division
 Weekly Value for Period Ending JUL 4, 2009
 Short Term Need vs. Available Water in 5 Ft Profile



CROP MOISTURE

DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE. RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.

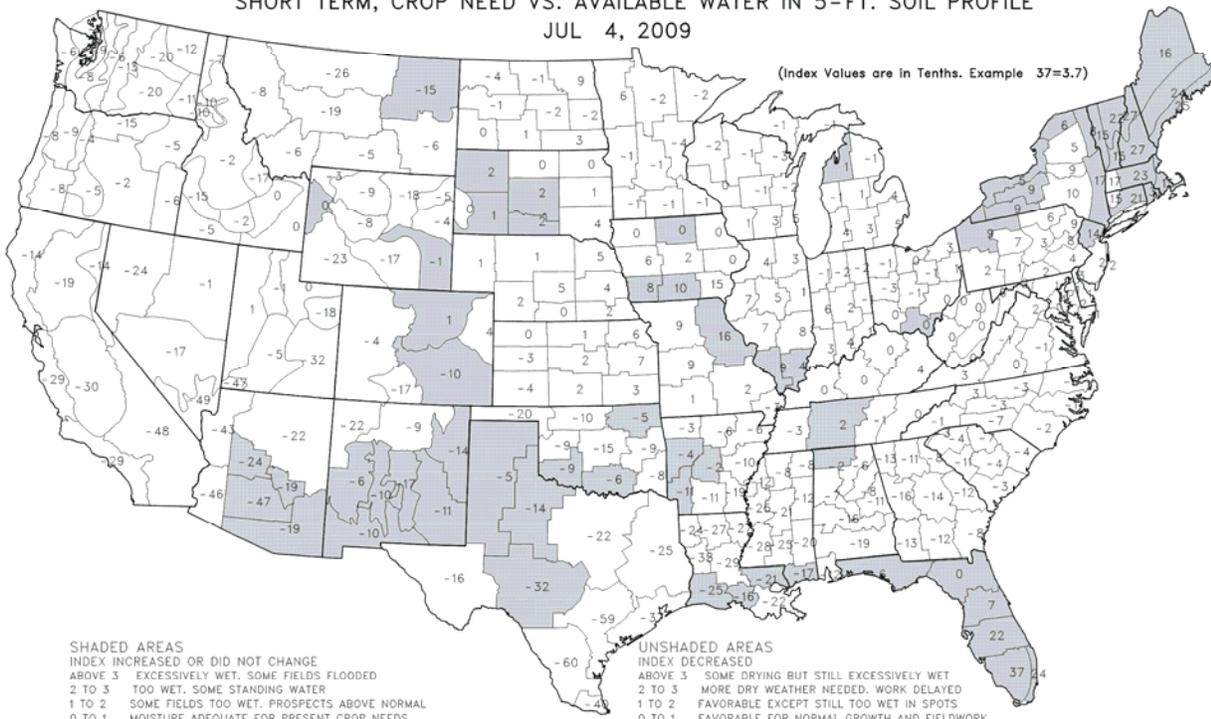
USES...APPLICABLE IN MEASURING THE SHORT-TERM, WEEK TO WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS

LIMITATIONS...MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A 5-FOOT PROFILE, OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55F. IT IS NOT GENERALLY INDICATIVE OF THE LONG-TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.

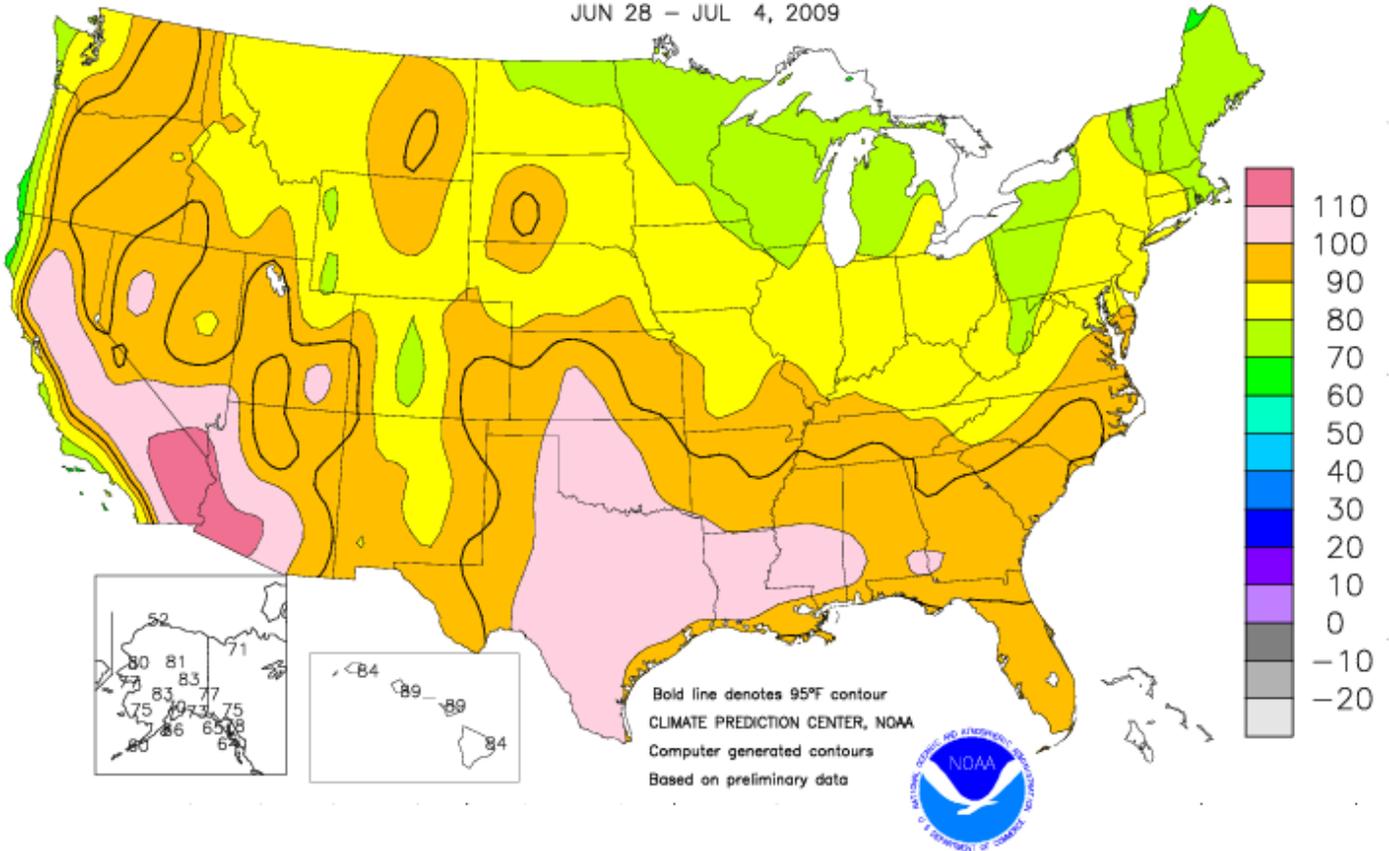
Based on preliminary reports
 NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

- 3.0 or less (Severely Dry)
- 2.0 to -2.9 (Excessively Dry)
- 1.0 to -1.9 (Abnormally Dry)
- 0.9 to +0.9 (Slightly Dry/Favorably Moist)
- +1.0 to +1.9 (Abnormally Moist)
- +2.0 to +2.9 (Wet)
- +3.0 and above (Excessively Wet)

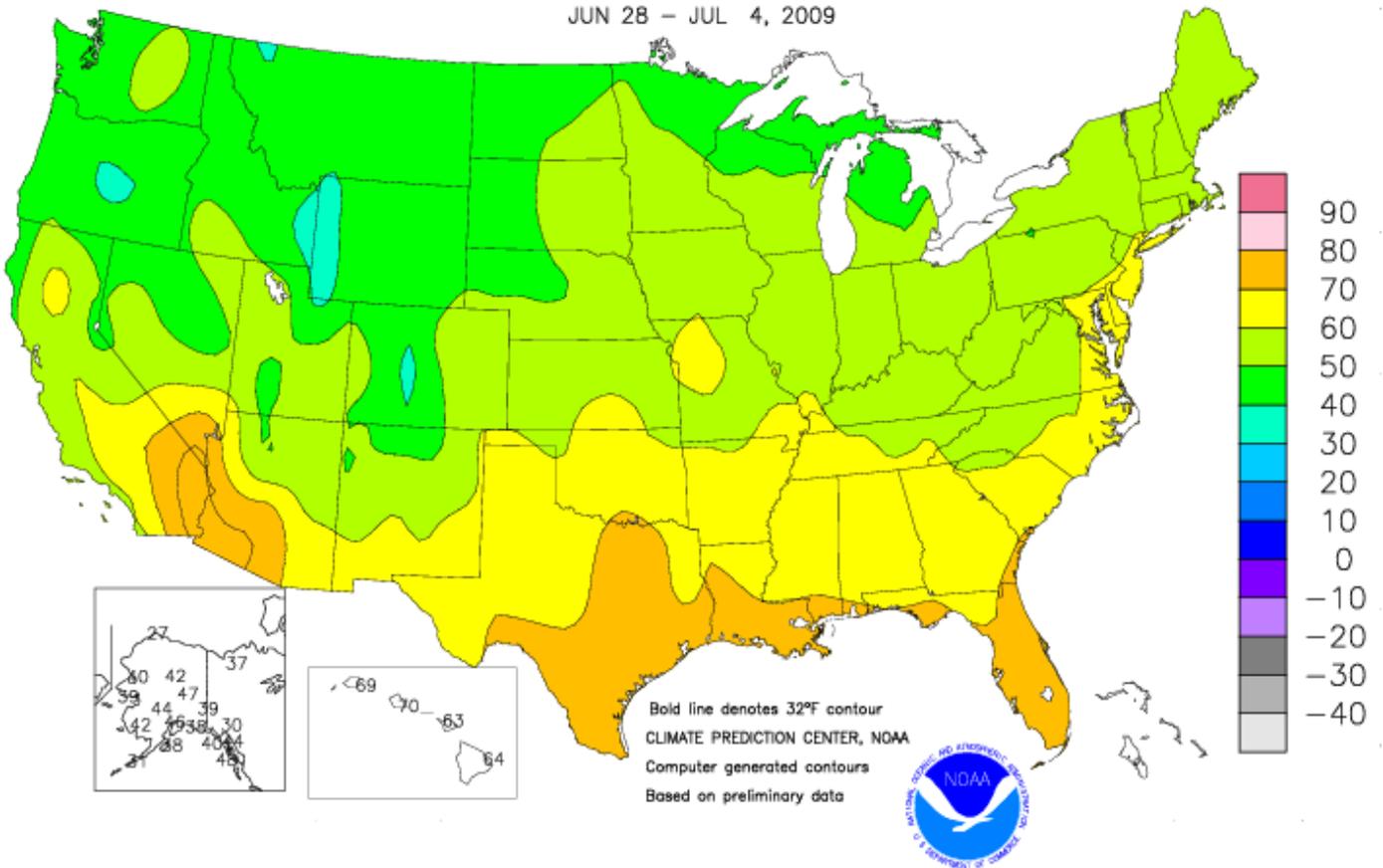
Crop Moisture Index
 SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
 JUL 4, 2009



Extreme Maximum Temperature (°F)
JUN 28 - JUL 4, 2009



Extreme Minimum Temperature (°F)
JUN 28 - JUL 4, 2009

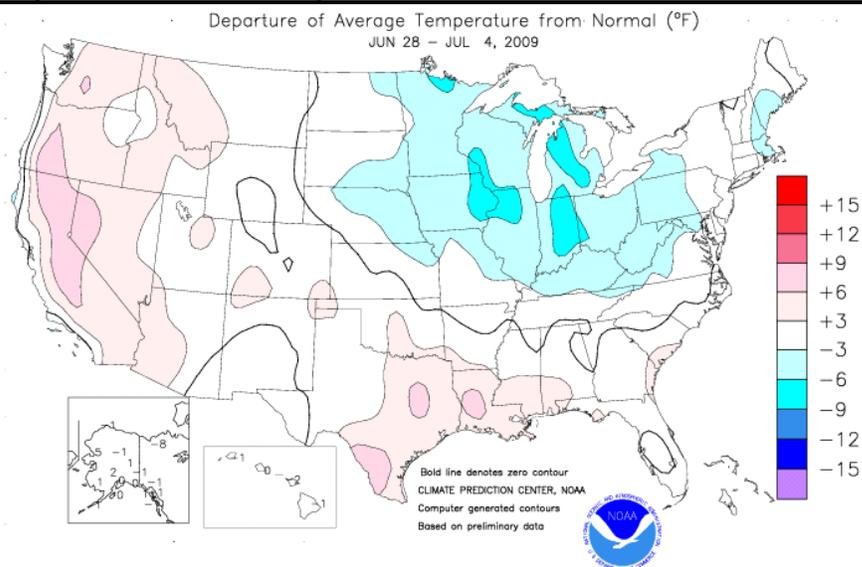


(Continued from front cover)

Meanwhile, extreme heat lingered across the **Deep South**, where temperatures frequently reached or exceeded 100°F. Weekly readings averaged at least 5°F above normal from **southern and eastern Texas into the lower Mississippi Valley**. In the **western and central Gulf Coast regions**, scattered showers provided only limited relief to heat- and drought-stressed crops such as corn, cotton, rice, and soybeans. In contrast, heavy rain (4 inches or more) drenched the **west-central and southern portions of Florida's peninsula**. Farther west, scattered showers accompanied a return to near-normal temperatures on the **Plains**. Hard red winter wheat harvest activities continued to expand northward through the **central Plains** with only minor fieldwork delays, while summer crops benefited from occasional showers. Elsewhere, showers associated with the monsoon circulation intensified from the **Four Corners States to the central Rockies**, while hot, mostly dry weather covered the remainder of the **West**. Early-week temperatures briefly topped 110°F at a few locations in **California's Central Valley**.

Heat persisted early in the week across the **Deep South**, where daily-record highs for June 28 included 104°F in **Alexandria, LA**, and 102°F in **Vicksburg, MS**. The following day was the last of 10 consecutive days (June 20-29) of triple-digit heat in **Texas** locations such as **College Station** and **Austin**. Elsewhere in **Texas**, **Houston's** streak of 7 consecutive days (June 23-29) with highs of 100°F or greater tied a June record originally set from June 16-22, 1902. Meanwhile, extreme heat briefly affected the **West**, where daily-record highs for June 28 in **California** reached 111°F in **Coalinga, Marysville, and Modesto**. In early July, heat was largely suppressed to the **nation's southern tier**. **Hattiesburg, MS** (100, 104, 100, and 100°F), opened July with four daily-record highs in a row. In **Victoria, TX**, where rainfall during the first half of 2009 totaled just 5.37 inches (27 percent of normal), the week ended with three consecutive daily record highs (101, 102, and 102°F) from July 2-4. On July 4, **McAllen, TX** (107°F), notched a monthly record high, previously set with readings of 106°F on July 29, 1979, and July 6, 1998. In contrast, a late-week chill in the **East** resulted in daily-record lows in locations such as **London, KY** (55°F on July 3), and **Danville, VA** (56°F on July 4). Farther north, a sustained period of cool weather from the **Midwest into the Northeast** resulted in high temperatures below 60°F at several stations, including **Houghton Lake, MI** (58°F on June 30), and **Portland, ME** (59°F on July 1 and 2);

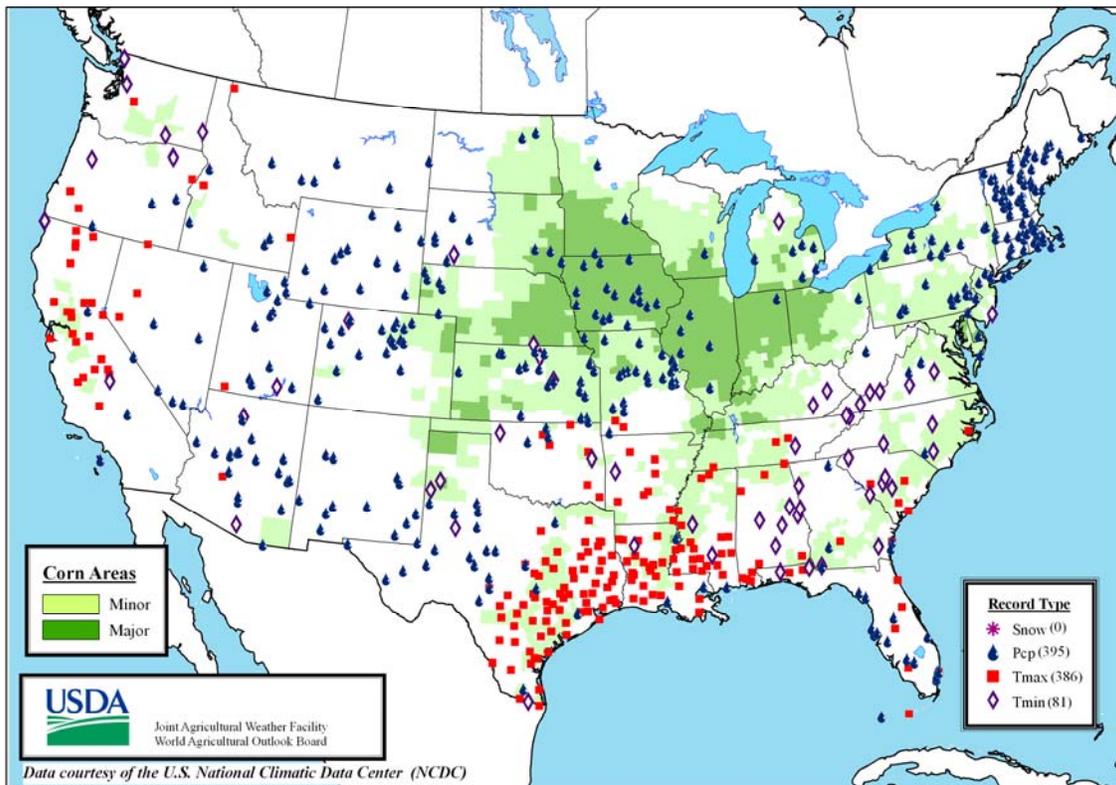
Locally heavy showers accompanied the **Northeastern** chill, with **Albany, NY**, receiving 2.76 inches on July 1. Heavy rain also drenched parts of **Florida**, where **Tampa** (4.72 inches on July 1) experienced its sixth-wettest July



day on record. Moisture associated with the monsoon circulation contributed to a daily-record totals in locations such as **El Paso, TX** (1.85 inches on June 28); **Casper, WY** (1.61 inches on July 3), and **Colorado Springs, CO** (1.07 inches on July 4). Elsewhere on July 4, daily-record totals included 4.17 inches in **Columbia, MO**, and 1.33 inches in **Pocatello, ID**. In contrast, **McComb, MS**, completed its driest (0.04 inch), third-hottest (81.8°F) June on record. **McComb's** previous record for June dryness, 0.64 inch, occurred in 1977, while June average temperatures were higher in 1998 (82.8°F) and 1953 (82.3°F). Meanwhile in **Texas**, **San Antonio** completed its driest 22-month period on record. From September 2007 - June 2009, only 23.90 inches (39 percent of normal) fell in **San Antonio**, compared to the 22-month former record low of 26.33 inches set from December 1908 - September 1910. **San Antonio** also set a June record with 12 days of 100-degree heat (previously, 11 days in 1990) and endured its third-warmest June on record (86.3°F, or 4.8°F above normal), tied with 1998, behind 87.5°F in 1990 and 86.8°F in 2008.

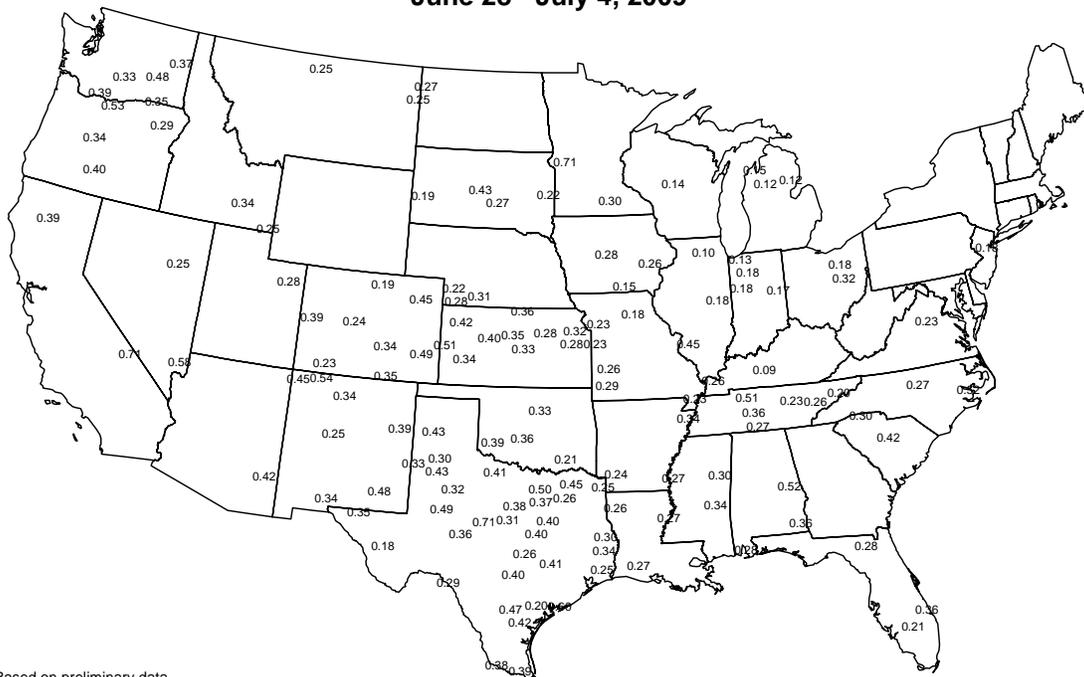
Warm weather accompanied smoky conditions across parts of **interior Alaska**. By July 5, **Alaskan** wildfires included the 30,000-acre Bear Creek fire more than 30 miles east of **Lake Minchumina**; the 19,000-acre Zitziana fire about 50 miles southeast of **Tanana**; and the 5,000-acre Rock Slough fire nearly 50 miles northeast of **Fort Yukon**. **Alaskan** daily-record highs included 83°F (on July 2) in **McGrath** and 80°F (on July 3) in **Kotzebue**. In **Fairbanks**, a streak of at least 5 consecutive days with temperatures of 80°F or higher began on July 2. Farther south, only light showers dampened **Hawaii**, where drought covered more than 80 percent of the island chain (according to the U.S. Drought Monitor) by the end of June. On **Oahu, Honolulu** (0.04 inch, or 9 percent of normal) completed its driest June since 2000, when 0.03 inch fell. Meanwhile on the **Big Island, Hilo** ended the month on a cool note, posting a daily record-tying low of 64°F on June 30.

Daily Weather Records (ASOS & COOP) June 28-July 4, 2009



Average Pan Evaporation (inches)

June 28 - July 4, 2009

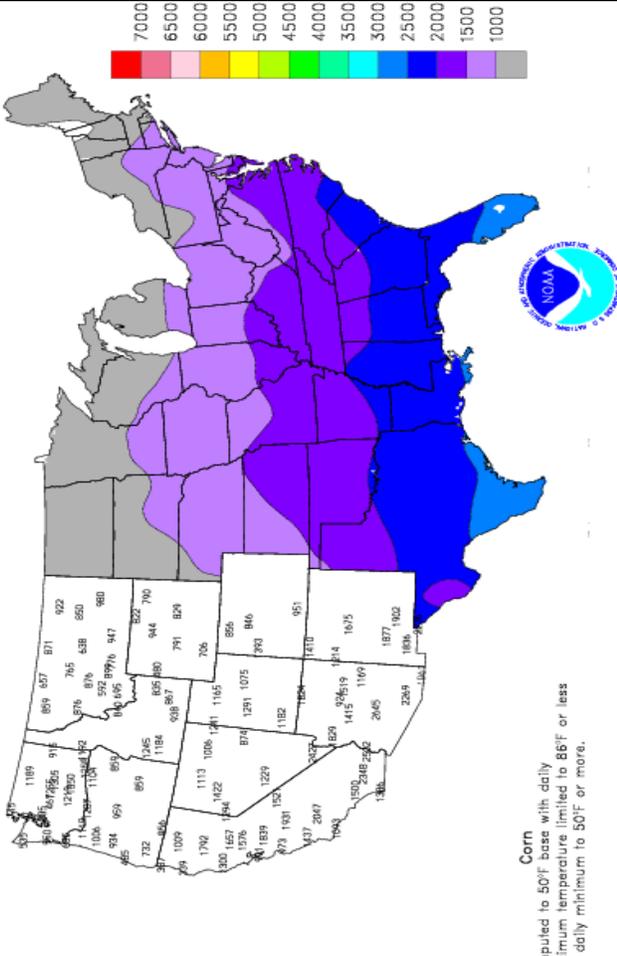


Based on preliminary data

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

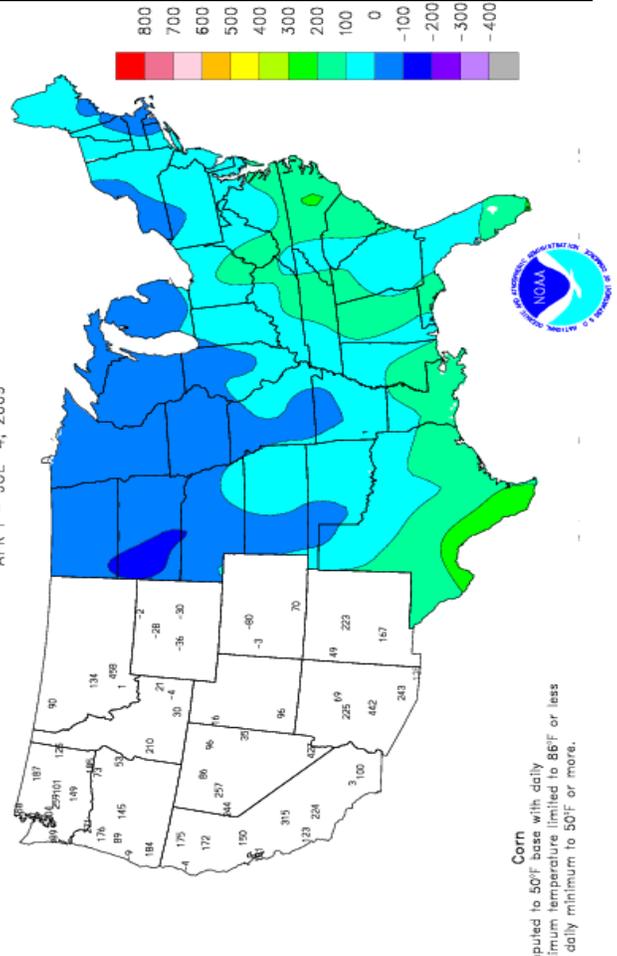
Data obtained from the NWS Cooperative Observer Network.

Total Growing Degree Days
APR 1 - JUL 4, 2009



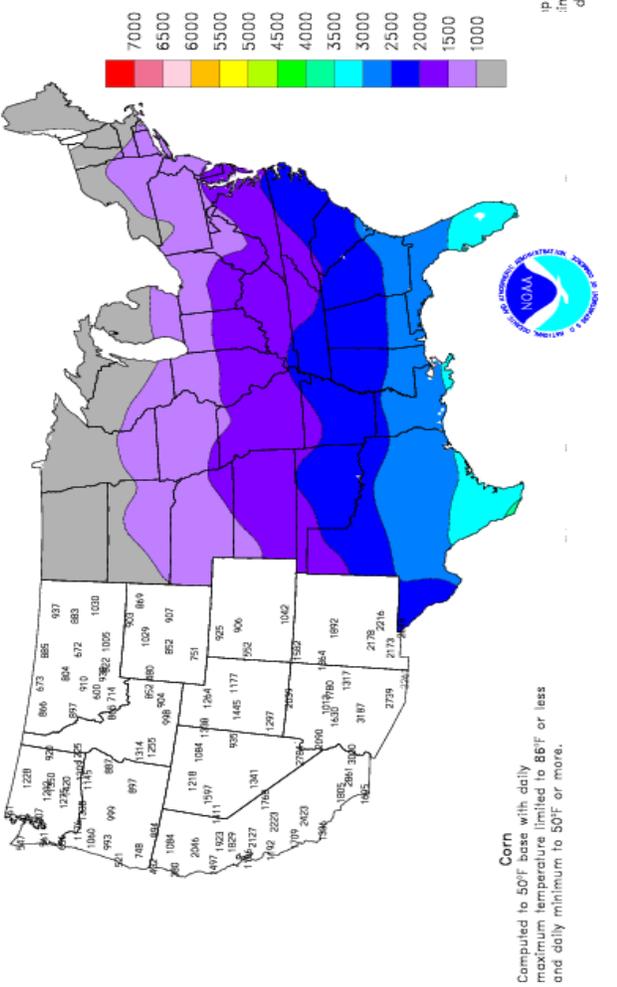
Corn
Computed to 50°F base with daily
maximum temperature limited to 86°F or less
and daily minimum to 50°F or more.

Departure From Normal Growing Degree Days
APR 1 - JUL 4, 2009



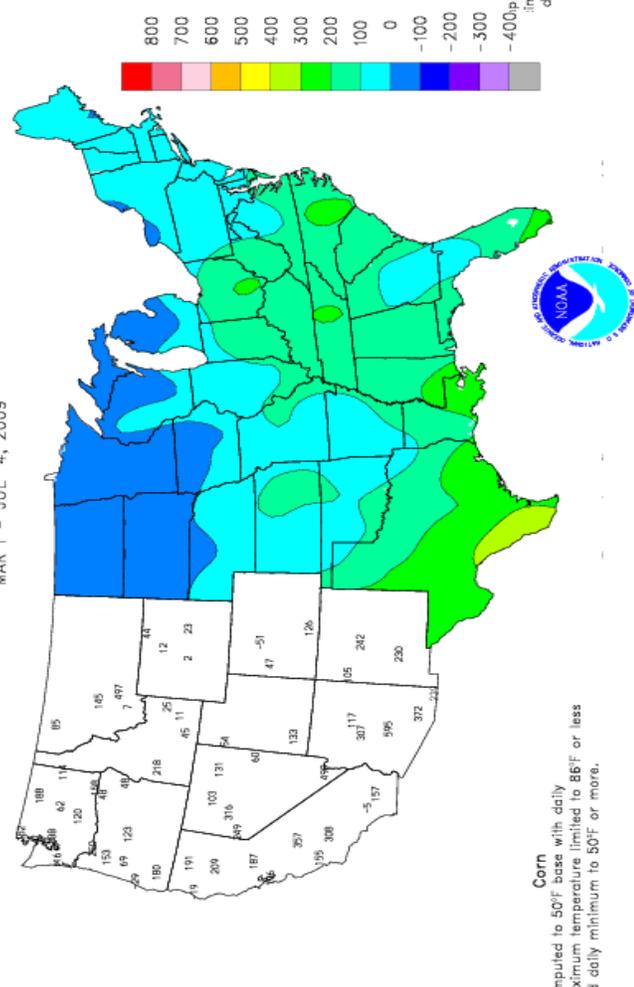
Corn
Computed to 50°F base with daily
maximum temperature limited to 86°F or less
and daily minimum to 50°F or more.

Total Growing Degree Days
MAR 1 - JUL 4, 2009



Corn
Computed to 50°F base with daily
maximum temperature limited to 86°F or less
and daily minimum to 50°F or more.

Departure From Normal Growing Degree Days
MAR 1 - JUL 4, 2009



Corn
Computed to 50°F base with daily
maximum temperature limited to 86°F or less
and daily minimum to 50°F or more.

Agricultural Weather Data Compiled by USDA's Stoneville Field Office

Weather Data for the Week Ending July 4, 2009

Data Provided by the Mississippi State Delta Research and Extension Center (DREC) and the University of Missouri Commercial Agriculture Program.

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							4-INCH SOIL TEMP. °F		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN. SINCE JUN01	PCT. NORMAL SINCE JUN01	TOTAL IN. SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	01 INCH OR MORE	.50 INCH OR MORE	
	MISSISSIPPI																			
ND TUNICA 1W	91	69	95	66	80	-	0.98	-	0.98	3.79	-	-	-	-	-	6	0	1	1	
LYON	93	71	96	67	82	-	0.00	-	0.00	-	-	-	-	93	83	7	0	0	0	
VANCE	91	68	94	64	79	-	0.00	-	0.00	1.00	-	-	-	96	82	4	0	0	0	
PERTHSHIRE	91	70	95	66	81	-	0.66	-	0.66	1.59	-	23.10	-	97	83	5	0	1	1	
SCOTT	94	70	98	66	82	-	0.03	-	0.03	0.38	-	-	-	101	88	7	0	1	0	
SANDY RIDGE	94	70	97	66	82	-	0.03	-	0.02	1.17	-	20.96	-	-	-	7	0	2	0	
NE VERONA	93	68	96	64	80	-	0.06	-	0.06	1.76	-	26.36	-	97	80	7	0	1	0	
SD STONEVILLE x	96	72	100	67	84	2	0.77	-0.17	0.72	1.04	23	27.98	91	102	85	7	0	2	1	
INDIANOLA 1S*	93	71	96	68	82	-	0.23	-	0.23	0.97	-	22.40	-	93	84	7	0	1	0	
INVERNESS 5E	92	-	95	-	-	-	0.85	-	0.66	1.30	-	20.91	-	96	83	6	0	3	1	
SIDON	95	69	98	64	82	-	0.05	-	0.04	0.97	-	19.47	-	98	86	7	0	2	0	
NORTH ISSAQUENA	94	70	97	65	82	-	0.00	-	0.00	0.22	-	16.36	-	98	87	7	0	0	0	
SILVER CITY	94	71	98	66	82	-	0.31	-	0.23	0.45	-	21.41	-	97	86	6	0	2	0	
ONWARD	95	70	98	64	82	-	0.03	-	0.02	0.57	-	19.81	-	100	87	7	0	2	0	
MAYDAY	95	70	100	65	83	-	0.02	-	0.01	1.19	-	18.10	-	-	-	7	0	2	0	
MISSOURI																				
NW CORNING	83	63	90	58	72	-3	0.90	-0.35	0.90	6.65	128	14.82	88	-	-	0	0	1	1	
ALBANY	83	62	89	59	73	-2	1.29	0.10	1.05	8.71	162	23.19	129	85	73	0	0	2	1	
ST. JOSEPH	82	64	88	62	73	-2	0.77	-0.50	0.73	4.91	88	17.51	97	-	-	0	0	2	1	
NC LINNEUS	82	62	86	58	72	-2	1.54	0.38	1.27	7.40	128	22.09	117	82	71	0	0	2	1	
BRUNSWICK	85	63	91	60	74	-1	1.19	0.04	1.19	7.58	133	22.45	114	86	78	1	0	1	1	
NE NOVELTY	80	61	84	58	70	-5	1.04	0.08	0.86	6.75	147	25.07	137	86	69	0	0	2	1	
MONROE CITY	82	61	86	58	72	-3	0.84	0.04	0.78	3.70	86	22.04	120	79	71	0	0	2	1	
WC GREEN RIDGE	83	63	88	60	74	-1	0.47	-0.87	0.26	8.44	134	23.91	112	87	74	0	0	3	0	
C AUXVASSE	83	63	86	60	73	-2	1.79	0.62	1.79	11.93	226	28.65	140	81	72	0	0	1	1	
COL-SANBORN FLD	85	65	89	62	75	-1	3.04	2.12	3.04	11.10	219	28.44	134	85	73	0	0	1	1	
WILLIAMSBURG	85	61	89	58	73	-2	2.66	1.45	2.64	9.99	183	23.52	99	75	66	0	0	2	1	
COL-JEFFERS F&G	84	62	88	59	73	-3	3.19	2.32	3.19	9.30	189	27.77	132	85	73	0	0	2	1	
COL SOUTH FARMS	84	62	88	59	73	-3	3.48	2.61	3.48	9.73	197	30.29	144	-	-	0	0	1	1	
COL-BF	84	62	87	59	73	-3	3.40	2.53	3.40	9.01	183	-	-	87	71	0	0	1	1	
VERSAILLES	85	65	89	61	75	-1	0.25	-0.88	0.15	6.81	138	22.96	107	81	76	0	0	3	0	
EC VANDALIA	84	62	87	58	73	-3	1.63	0.20	1.63	5.07	96	23.57	111	92	75	0	0	1	1	
SW LAMAR	86	64	90	59	75	-2	1.11	-0.55	0.56	6.78	96	21.44	84	87	74	0	0	4	1	
SC COOK STATION	85	58	87	53	72	-4	0.05	-0.74	0.05	7.33	164	25.66	115	89	75	0	0	1	0	
MOUNTAIN GROVE	85	59	87	54	73	-2	0.20	-0.76	0.11	3.26	69	19.53	78	83	70	0	0	2	0	
SE DELTA	88	63	92	61	76	-2	0.07	-0.93	0.07	3.26	80	19.32	79	95	76	2	0	1	0	
CHARLESTON	88	65	93	61	77	-1	0.43	-0.59	0.43	4.06	87	23.80	95	92	75	2	0	1	0	
GLENNONVILLE	90	66	92	61	79	0	0.29	-0.46	0.23	2.90	77	23.51	104	90	76	4	0	2	0	
CLARKTON	91	66	93	61	79	0	0.03	-0.70	0.03	2.82	69	21.46	91	99	78	6	0	1	0	
PORTAGEVILLE DC	91	68	93	63	80	0	0.06	-0.81	0.06	3.17	73	26.17	105	98	79	5	0	1	0	
PORTAGEVILLE LF	92	68	95	65	81	1	0.05	-0.78	0.05	2.40	57	25.38	103	95	79	5	0	1	0	
STEELE	92	69	94	66	81	2	0.00	-0.97	0.00	5.49	123	30.38	117	94	85	6	0	0	0	
CARDWELL	91	68	93	64	80	0	0.00	-0.96	0.00	2.69	68	25.60	101	105	82	6	0	0	0	

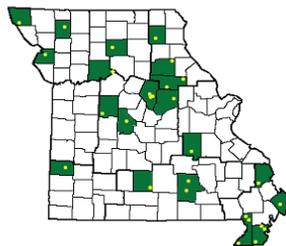
Compiled by USDA/OCE/WAOB's Stoneville Field Office. * Beasley Lake. X Based on 1971-2000 normals. - Sufficient data not available.

Data are preliminary and subject to revision.

Mississippi: ND = Northern Delta; NE = Northeastern Mississippi; EC = East Central Mississippi; SD = Southern Delta
 Missouri: NW = Northwest; NC = North Central; NE = Northeast; WC = West Central; C = Central; EC = East Central; SW = Southwest; SE = Southeast;
 SC = South Central. (Col=Columbia, Col-Jeffers F&G=Columbia Jefferson Farm and Gardens, Col-BF=Bradford Farm)

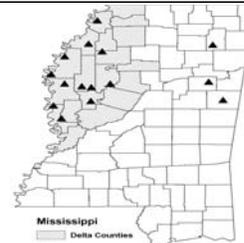
Weather and Crop Summary for the Mississippi Delta: The combination of high temperatures and insufficient rainfall resulted in continued drought stress. Corn in particular continued to bake and brown rapidly under the searing heat. Some scattered showers were reported, but many spots received little rainfall. All Delta locations received less than an inch.

Missouri Weather Stations



Note: For information on the weather stations in Missouri please visit: <http://agebb.missouri.edu/weather/stations/index.htm>

Mississippi Weather Stations



Note: For information on the weather stations in Mississippi please visit: http://www.deltaweather.msstate.edu/maps/weather_station_map.htm

National Weather Data for Selected Cities

Weather Data for the Week Ending July 4, 2009

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

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 JUN01	PCT. NORMAL SINCE JUN01	TOTAL, IN, SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP	
																90 AND ABOVE	32 AND BELOW	.01 INCH OF MORE	.50 INCH OF MORE
AL BIRMINGHAM	93	68	96	63	80	1	0.00	-1.01	0.00	3.04	70	29.58	100	83	34	7	0	0	0
HUNTSVILLE	93	68	100	65	80	2	0.00	-0.98	0.00	1.73	36	30.31	96	75	35	7	0	0	0
MOBILE	97	74	101	72	86	5	1.07	-0.19	0.54	2.99	52	29.70	85	88	41	7	0	2	2
AK MONTGOMERY	97	68	99	64	83	2	1.01	-0.15	0.98	2.82	59	28.13	93	84	31	7	0	2	1
ANCHORAGE	66	48	70	46	57	0	0.00	-0.27	0.00	0.40	33	3.82	85	81	61	0	0	0	0
BARROW	44	32	52	27	38	-1	0.17	0.06	0.17	0.36	92	1.78	187	97	74	0	3	1	0
FAIRBANKS	76	51	83	47	63	0	0.20	-0.16	0.20	1.55	97	3.94	109	77	45	0	0	1	0
JUNEAU	63	47	78	44	55	-1	0.81	0.00	0.54	2.93	77	23.89	106	93	78	0	0	4	1
KODIAK	59	45	66	38	52	0	0.08	-1.03	0.06	2.51	42	29.73	81	87	72	0	0	2	0
NOME	59	46	77	39	52	2	0.10	-0.23	0.09	1.72	129	7.18	144	85	64	0	0	2	0
AZ FLAGSTAFF	82	50	88	45	66	2	0.58	0.35	0.42	0.91	157	5.75	57	78	25	0	0	4	0
PHOENIX	107	85	111	79	96	4	0.07	0.00	0.03	0.09	64	2.00	62	45	28	7	0	3	0
PRESCOTT	89	62	96	59	75	3	1.08	0.81	0.53	1.22	210	4.83	66	69	26	4	0	3	1
TUCSON	99	75	102	68	87	0	1.57	1.38	0.74	1.77	492	4.26	120	65	37	7	0	6	2
AR FORT SMITH	95	71	97	66	83	3	0.65	-0.20	0.65	2.61	55	25.30	111	82	36	7	0	1	1
LITTLE ROCK	93	71	95	69	82	1	0.81	-0.04	0.79	3.10	70	30.92	116	86	39	7	0	2	1
CA BAKERSFIELD	104	76	108	71	90	9	0.00	0.00	0.00	0.06	50	3.40	74	29	18	7	0	0	0
FRESNO	103	71	108	68	87	8	0.00	0.00	0.00	0.20	87	5.07	65	49	27	7	0	0	0
LOS ANGELES	68	60	70	59	64	-4	0.00	0.00	0.00	0.15	188	4.13	44	89	75	0	0	0	0
REDDING	103	67	108	65	85	6	0.00	-0.02	0.00	2.65	384	16.62	76	56	24	7	0	0	0
SACRAMENTO	96	60	108	56	78	4	0.00	0.00	0.00	0.56	280	11.60	97	90	24	6	0	0	0
SAN DIEGO	73	64	74	63	68	-1	0.00	0.00	0.00	0.05	56	3.12	41	85	71	0	0	0	0
SAN FRANCISCO	73	56	81	55	65	3	0.00	0.00	0.00	0.04	36	10.11	76	85	66	0	0	0	0
STOCKTON	98	60	110	57	79	3	0.02	0.02	0.01	0.12	133	6.79	75	72	37	6	0	2	0
CO ALAMOSA	83	49	85	45	66	4	0.11	-0.03	0.10	0.64	96	3.58	127	87	36	0	0	2	0
CO SPRINGS	83	56	88	54	70	2	2.22	1.72	1.07	4.49	171	8.99	108	82	29	0	0	5	2
DENVER INTL	85	57	92	55	71	1	0.27	-0.08	0.19	5.16	273	10.68	152	83	34	1	0	4	0
GRAND JUNCTION	92	61	96	56	76	1	0.04	-0.02	0.04	1.16	258	5.21	119	62	29	5	0	1	0
PUEBLO	93	58	98	54	76	3	0.64	0.33	0.62	1.83	120	5.24	90	76	31	6	0	2	1
CT BRIDGEPORT	78	64	81	61	71	0	0.06	-0.74	0.04	6.48	161	18.76	82	84	68	0	0	3	0
HARTFORD	79	61	86	58	70	-2	2.22	1.39	1.23	8.40	194	22.01	95	91	64	0	0	4	2
DC WASHINGTON	82	66	86	63	74	-4	0.14	-0.58	0.06	5.98	168	23.25	119	83	46	0	0	4	0
DE WILMINGTON	83	64	86	62	73	-2	0.08	-0.81	0.08	6.68	163	19.69	90	89	42	0	1	1	0
FL DAYTONA BEACH	90	75	93	73	83	2	0.92	-0.40	0.71	5.08	79	31.89	145	97	62	5	0	4	1
JACKSONVILLE	94	73	95	70	84	3	0.31	-1.08	0.28	3.24	53	31.45	133	96	52	6	0	2	0
KEY WEST	90	79	91	76	85	1	0.60	-0.27	0.45	2.68	53	9.45	58	83	63	6	0	3	0
MIAMI	91	76	93	74	83	0	5.02	3.32	2.01	12.70	134	23.64	95	93	62	6	0	7	3
ORLANDO	89	75	93	73	82	0	0.90	-0.94	0.51	9.12	109	27.92	122	92	65	4	0	4	1
PENSACOLA	94	76	96	73	85	3	0.93	-0.78	0.92	5.23	71	34.08	106	85	55	7	0	2	1
TALLAHASSEE	96	73	98	67	84	2	3.55	1.81	2.65	6.23	79	32.09	97	92	49	7	0	3	2
TAMPA	88	78	91	74	83	1	10.26	8.83	4.72	10.73	170	25.14	134	90	72	3	0	4	3
GA WEST PALM BEACH	90	75	91	74	82	0	1.13	-0.56	0.57	9.62	113	29.45	107	89	63	6	0	4	1
ATHENS	94	67	98	61	80	1	0.02	-0.92	0.01	1.70	38	23.17	90	69	36	7	0	2	0
ATLANTA	92	70	95	66	81	2	0.00	-1.02	0.00	2.35	56	25.79	96	68	35	6	0	0	0
AUGUSTA	97	63	100	59	80	0	0.00	-0.94	0.00	4.18	88	22.00	92	86	35	7	0	0	0
COLUMBUS	94	70	96	65	82	1	0.03	-0.95	0.03	3.80	93	36.07	136	82	27	7	0	1	0
MACON	96	67	99	61	82	2	0.12	-0.80	0.04	3.32	82	26.14	106	84	29	7	0	6	0
SAVANNAH	95	73	97	70	84	3	0.01	-1.31	0.01	4.93	79	28.36	120	85	44	7	0	1	0
HI HILO	83	66	84	64	75	0	0.44	-1.69	0.36	5.88	68	67.75	109	80	69	0	0	4	0
HONOLULU	88	73	89	70	80	0	0.25	0.17	0.24	0.31	65	7.80	84	74	61	0	0	2	0
KAHULUI	86	66	89	63	76	-2	0.04	-0.02	0.04	0.15	58	8.62	78	84	69	0	0	1	0
LIHUE	83	72	84	69	78	0	0.15	-0.25	0.13	0.62	30	9.02	47	80	71	0	0	2	0
ID BOISE	93	62	96	57	78	7	0.00	-0.11	0.00	3.03	379	7.06	97	46	24	7	0	0	0
LEWISTON	91	57	100	53	74	4	0.01	-0.18	0.01	0.83	65	6.61	90	49	27	3	0	1	0
POCATELLO	86	50	93	40	68	2	2.28	2.14	1.34	6.35	641	11.88	165	80	41	1	0	2	2
IL CHICAGO/O'HARE	73	61	83	57	67	-4	0.20	-0.59	0.20	8.99	221	27.57	161	78	58	0	0	1	0
MOLINE	77	61	83	55	69	-5	0.72	-0.26	0.72	7.49	144	24.33	126	83	59	0	0	1	1
PEORIA	76	62	81	58	69	-5	1.25	0.33	1.02	7.28	167	29.93	165	85	56	0	0	3	1
ROCKFORD	73	57	81	52	65	-6	0.19	-0.88	0.18	8.34	154	25.25	139	86	61	0	0	2	0
SPRINGFIELD	78	62	83	57	70	-5	0.94	0.13	0.81	9.46	224	26.70	147	90	53	0	0	3	1
IN EVANSVILLE	83	63	90	59	73	-5	0.70	-0.19	0.70	3.77	82	25.69	105	77	50	1	0	1	1
FORT WAYNE	76	60	83	52	68	-4	0.07	-0.82	0.06	4.39	97	22.81	122	85	52	0	0	2	0
INDIANAPOLIS	76	62	84	61	69	-5	1.06	0.10	1.04	9.70	207	30.31	145	78	50	0	0	3	1
SOUTH BEND	73	59	80	55	66	-6	0.13	-0.82	0.05	9.56	202	26.18	138	88	57	0	0	3	0
IA BURLINGTON	77	61	83	58	69	-6	0.34	-0.71	0.27	10.85	215	30.34	161	92	56	0	0	2	0
CEDAR RAPIDS	75	57	81	55	66	-7	1.03	0.03	0.65	7.15	142	19.45	118	93	55	0	0	2	1
DES MOINES	81	62	86	61	72	-2	1.94	0.95	1.11	7.41	144	22.75	131	77	51	0	0	2	2
DUBUQUE	73	57	81	54	65	-6	0.32	-0.54	0.29	3.54	78	17.65	101	84	63	0	0	3	0
SIOUX CITY	83	58	89	55	71	-2	0.70	-0.08	0.42	6.52	161	11.73	85	86	53	0	0	2	0
WATERLOO	77	57	82	52	67	-6	0.37	-0.69	0.19	4.04	75	17.43	104	87	59	0	0	2	0
KS CONCORDIA	88	62	93	55	75	-2	0.89	-0.01	0.71	6.47	145	12.10	81	87	51	2	0	3	1
DODGE CITY	93	63	98	57	78	0	0.77	0.06	0.76	9.22	259	15.01	126	82	30	5	0	2	1
GOODLAND	88	60	92	57	74	1	0.19	-0.54	0.08	4.96	133	11.86	110	86	41	3	0	4	0
TOPEKA	86	65	92	59	75	-2	2.50	1.51	1.38	10.59	195	24.50	135	85	52	1	0	3	2

Based on 1971-2000 normals

*** Not Available

Weather Data for the Week Ending July 4, 2009

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 JAN01	PCT. NORMAL SINCE JUN01	TOTAL IN., SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
KY WICHITA	93	68	97	65	80	1	0.87	0.02	0.40	5.70	121	21.33	133	79	43	6	0	5	0
KY JACKSON	77	60	85	56	68	-6	0.09	-0.94	0.05	14.09	268	38.00	147	90	57	0	0	2	0
KY LEXINGTON	78	62	87	60	70	-5	0.26	-0.80	0.26	6.72	129	26.78	109	80	57	0	0	1	0
KY LOUISVILLE	79	65	87	62	72	-5	0.23	-0.64	0.23	12.41	291	28.62	119	78	53	0	0	1	0
LA PADUCAH	87	64	92	60	76	-1	1.56	0.43	1.55	4.40	85	24.59	93	88	41	3	0	2	1
LA BATON ROUGE	99	77	102	73	88	7	0.00	-1.31	0.00	0.59	10	18.38	55	85	35	7	0	0	0
LA LAKE CHARLES	97	77	99	74	87	5	1.14	-0.17	1.14	1.35	20	22.71	79	91	47	7	0	1	1
LA NEW ORLEANS	97	78	98	76	87	5	1.22	-0.45	1.18	2.15	28	21.97	65	82	49	7	0	2	1
LA SHREVEPORT	99	74	102	70	87	5	0.00	-1.09	0.00	1.25	22	22.91	81	85	36	7	0	0	0
ME CARIBOU	71	61	75	58	66	2	1.30	0.52	0.54	3.38	90	18.69	108	97	78	0	0	6	1
ME PORTLAND	65	57	78	56	61	-5	2.71	1.97	1.41	10.01	270	26.96	116	100	88	0	0	5	2
MD BALTIMORE	83	61	87	59	72	-3	0.48	-0.31	0.37	5.91	152	25.18	119	84	45	0	0	2	0
MA BOSTON	70	60	80	58	65	-7	1.17	0.45	0.61	3.86	106	18.48	86	93	78	0	0	5	1
MA WORCESTER	70	58	76	56	64	-4	1.45	0.54	1.10	7.82	172	22.79	94	99	71	0	0	5	1
MI ALPENA	69	53	79	45	61	-4	1.26	0.66	0.88	3.91	136	15.61	120	95	66	0	0	4	1
MI GRAND RAPIDS	71	58	78	53	64	-6	1.09	0.21	0.94	7.91	190	23.86	139	88	60	0	0	3	1
MI HOUGHTON LAKE	67	51	76	39	59	-6	0.45	-0.17	0.23	3.26	99	15.54	119	96	68	0	0	3	0
MI LANSING	70	56	78	53	63	-6	0.34	-0.44	0.19	5.21	129	22.23	146	89	65	0	0	3	0
MI MUSKOGON	70	58	76	55	64	-4	0.13	-0.37	0.11	4.10	143	20.00	134	86	67	0	0	3	0
MI TRAVERSE CITY	67	53	78	46	60	-8	2.21	1.40	0.81	3.94	104	14.81	95	97	60	0	0	5	3
MN DULUTH	69	51	78	48	60	-3	0.03	-0.99	0.01	1.63	34	9.50	70	84	60	0	0	3	0
MN INT'L FALLS	66	48	76	38	57	-7	0.31	-0.60	0.27	2.06	46	11.74	108	90	62	0	0	2	0
MN MINNEAPOLIS	76	59	80	55	68	-3	0.19	-0.79	0.15	3.80	78	8.91	63	78	56	0	0	2	0
MN ROCHESTER	73	56	79	50	65	-4	0.38	-0.62	0.20	3.95	86	12.25	83	84	63	0	0	4	0
MN ST. CLOUD	77	57	81	54	67	-1	0.00	-0.94	0.00	4.85	96	13.85	107	85	45	0	0	0	0
MS JACKSON	98	71	101	64	85	5	0.38	-0.60	0.38	0.59	13	24.80	80	86	32	7	0	1	0
MS MERIDIAN	99	67	102	61	83	2	0.00	-1.12	0.00	0.27	6	25.64	77	89	33	7	0	0	0
MS TUPELO	94	69	98	65	81	2	0.14	-0.83	0.14	1.26	23	26.50	82	81	41	7	0	1	0
MO COLUMBIA	84	62	88	58	73	-3	8.03	7.17	4.17	13.12	291	29.53	143	86	45	0	0	3	2
MO KANSAS CITY	84	65	89	60	74	-3	1.83	0.82	1.33	11.58	231	27.10	145	88	49	0	0	3	1
MO SAINT LOUIS	85	67	91	64	76	-3	2.41	1.51	1.78	10.23	239	25.15	125	77	53	1	0	3	2
MO SPRINGFIELD	85	64	89	58	75	-1	0.41	-0.68	0.24	6.27	111	26.92	118	89	55	0	0	5	0
MT BILLINGS	85	58	94	53	71	2	0.22	-0.13	0.11	1.66	79	6.28	71	70	31	3	0	3	0
MT BUTTE	80	46	84	38	63	3	0.00	-0.39	0.00	2.59	113	6.37	89	77	21	0	0	0	0
MT CUT BANK	77	48	81	45	63	3	0.00	-0.45	0.00	1.67	61	3.19	45	75	29	0	0	0	0
MT GLASGOW	87	55	94	46	71	4	0.59	0.12	0.57	1.06	43	4.13	69	79	36	3	0	3	1
MT GREAT FALLS	81	50	88	46	66	3	0.17	-0.21	0.17	1.50	61	6.91	80	71	27	0	0	1	0
MT HAVRE	84	49	92	40	67	1	0.00	-0.39	0.00	1.39	66	4.00	63	76	33	1	0	0	0
MT MISSOULA	89	49	92	44	69	5	0.00	-0.30	0.00	1.14	60	5.19	67	63	25	3	0	0	0
NE GRAND ISLAND	83	60	90	55	72	-2	0.38	-0.37	0.19	11.01	265	16.95	120	89	52	1	0	3	0
NE LINCOLN	84	61	91	54	73	-3	0.47	-0.28	0.47	8.09	205	11.98	82	84	48	1	0	1	0
NE NORFOLK	81	57	89	51	69	-4	0.20	-0.74	0.11	8.46	177	13.00	89	89	54	0	0	2	0
NE NORTH PLATTE	83	57	88	48	70	-2	0.44	-0.28	0.21	5.01	140	12.25	111	92	47	0	0	3	0
NE OMAHA	81	60	88	57	71	-4	0.88	0.00	0.72	6.57	148	12.24	79	90	55	0	0	2	1
NE SCOTTSBLUFF	85	57	92	50	71	0	0.76	0.19	0.53	6.66	223	13.08	134	89	48	2	0	3	1
NE VALENTINE	83	56	93	49	70	-1	1.14	0.41	0.68	5.91	172	12.58	120	91	57	1	0	4	1
NV ELY	81	49	87	44	65	1	0.69	0.61	0.41	2.48	349	6.72	124	74	44	0	0	3	0
NV LAS VEGAS	105	83	108	80	94	5	0.00	-0.02	0.00	0.10	100	0.97	41	29	19	7	0	0	0
NV RENO	93	61	97	58	77	9	0.00	-0.06	0.00	1.07	214	4.27	96	35	16	7	0	0	0
NV WINNEMUCCA	94	52	99	46	73	5	0.39	0.31	0.37	2.09	282	5.78	117	55	21	6	0	3	0
NH CONCORD	72	59	80	57	65	-3	3.49	2.77	1.65	8.38	239	23.99	131	96	74	0	0	6	2
NJ NEWARK	82	66	85	65	74	-1	1.11	0.23	0.80	8.18	209	21.91	93	75	51	0	0	3	1
NM ALBUQUERQUE	87	65	93	61	76	-2	0.64	0.48	0.51	1.44	195	2.46	73	67	29	4	0	2	1
NY ALBANY	77	60	83	57	68	-1	3.58	2.77	2.76	8.25	195	19.50	103	91	56	0	0	5	1
NY BINGHAMTON	73	56	79	53	65	-2	0.86	-0.02	0.26	5.84	136	17.96	93	96	71	0	0	5	0
NY BUFFALO	71	60	77	56	66	-3	1.23	0.42	0.58	3.68	86	16.96	88	92	65	0	0	5	1
NY ROCHESTER	73	57	78	51	65	-4	1.97	1.23	0.69	6.91	183	19.20	118	96	68	0	0	5	2
NY SYRACUSE	75	59	83	53	67	-2	0.83	-0.12	0.37	5.49	129	18.32	98	94	60	0	0	6	0
NC ASHEVILLE	82	58	87	54	70	-2	0.10	-0.81	0.05	6.56	134	27.62	109	85	42	0	0	2	0
NC CHARLOTTE	88	62	92	57	75	-4	0.20	-0.58	0.16	3.96	102	23.68	106	79	38	3	0	2	0
NC GREENSBORO	87	63	90	61	75	-2	0.00	-0.91	0.00	5.91	146	21.26	97	73	37	2	0	0	0
NC HATTERAS	86	75	89	72	81	3	0.20	-0.66	0.10	2.04	47	18.65	71	90	58	0	0	2	0
NC RALEIGH	92	65	97	60	79	1	0.06	-0.79	0.04	2.80	71	19.63	89	73	31	6	0	2	0
NC WILMINGTON	91	72	96	63	81	1	0.01	-1.48	0.01	4.55	73	19.97	77	90	36	4	0	1	0
ND BISMARCK	79	55	84	50	67	-1	0.07	-0.54	0.07	8.07	274	15.11	179	91	56	0	0	1	0
ND DICKINSON	76	52	78	44	64	-2	0.05	-0.66	0.03	4.22	114	9.17	99	99	53	0	0	3	0
ND FARGO	79	55	84	52	67	-1	0.00	-0.76	0.00	3.78	96	12.67	121	80	40	0	0	0	0
ND GRAND FORKS	76	53	80	51	65	-2	0.00	-0.71	0.00	4.38	127	10.35	115	93	45	0	0	0	0
ND JAMESTOWN	79	53	84	50	66	-2	0.00	-0.75	0.00	1.63	47	7.50	83	92	40	0	0	0	0
ND WILLISTON	82	53	85	46	68	2	0.90	0.35	0.76	3.63	136	7.71	106	90	53	0	0	3	1
OH AKRON-CANTON	75	58	83	53	66	-4	0.12	-0.73	0.08	4.40	109	18.15	94	87	61	0	0	2	0
OH CINCINNATI	76	61	85	58	69	-6	0.63	-0.28	0.52	7.94	161	22.49	98	87	60	0	0	4	1
OH CLEVELAND	75	60	85	56	68	-2	0.41	-0.48	0.20	2.93	67	17.08	90	86	56	0	0	5	0
OH COLUMBUS	77	62	87	58	70	-4	0.20	-0.82	0.15	3.68	79	16.14	83	77	53	0	0	2	0
OH DAYTON	76	60	84	58	68	-5	0.04	-0.89	0.03	5.34	113	18.22	86	80	50	0	0	2	0
OH MANSFIELD	74	57	83	53	65	-5	0.14	-0.86	0.07	3.78	74	19.44	89	80	51	0	0	3	0

Weather Data for the Week Ending July 4, 2009

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 JUN01	PCT. NORMAL SINCE JUN01	TOTAL IN. SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
OK TOLEDO	76	58	85	53	67	-5	0.07	-0.74	0.07	3.90	92	21.56	126	85	51	0	0	1	0
OK YOUNGSTOWN	74	56	82	53	65	-4	1.12	0.13	0.42	3.12	70	17.84	96	88	75	0	0	5	0
OK OKLAHOMA CITY	96	70	102	65	83	3	0.51	-0.34	0.42	1.84	36	15.13	78	81	34	7	0	2	0
OR TULSA	95	70	99	64	82	1	1.27	0.41	1.18	4.70	90	23.81	106	80	40	7	0	2	1
OR ASTORIA	69	50	80	44	59	1	0.00	-0.46	0.00	0.54	19	32.63	91	86	61	0	0	0	0
OR BURNS	88	48	90	41	68	6	0.00	-0.08	0.00	3.22	454	8.07	131	63	31	1	0	0	0
OR EUGENE	86	47	93	43	67	4	0.00	-0.23	0.00	0.87	52	15.19	55	82	41	3	0	0	0
OR MEDFORD	95	57	100	50	76	7	0.00	-0.09	0.00	1.14	156	7.68	79	63	20	6	0	0	0
OR PENDLETON	90	52	98	45	71	2	0.35	0.24	0.14	1.43	170	8.56	120	48	23	3	0	4	0
OR PORTLAND	86	56	96	52	71	5	0.01	-0.24	0.01	1.55	90	16.61	84	65	43	3	0	1	0
OR SALEM	86	51	93	45	69	5	0.00	-0.24	0.00	1.73	109	15.60	72	77	39	4	0	0	0
PA ALLENTOWN	81	61	85	58	71	-1	2.33	1.42	1.44	8.76	194	20.50	92	92	59	0	0	4	1
PA ERIE	71	60	78	55	66	-4	3.15	2.23	2.26	6.68	139	22.22	114	89	73	0	0	5	1
PA MIDDLETOWN	81	63	83	62	72	-2	1.25	0.40	0.66	7.11	164	21.66	104	88	46	0	0	6	1
PA PHILADELPHIA	85	66	89	65	75	-1	0.18	-0.68	0.15	4.83	127	18.84	89	81	45	0	0	2	0
PA PITTSBURGH	74	59	79	57	66	-5	0.36	-0.60	0.19	4.58	98	16.99	86	86	56	0	0	4	0
PA WILKES-BARRE	77	58	82	54	68	-2	1.60	0.64	0.73	5.48	121	16.47	88	90	54	0	0	6	1
PA WILLIAMSPORT	78	61	83	57	70	-1	0.85	-0.22	0.27	3.66	72	15.92	76	86	53	0	0	5	0
RI PROVIDENCE	75	62	79	60	68	-3	4.50	3.78	1.92	7.88	208	25.84	108	86	73	0	0	5	3
SC BEAUFORT	95	75	97	72	85	4	0.01	-1.32	0.01	4.93	76	24.31	104	84	39	7	0	1	0
SC CHARLESTON	93	73	96	69	83	3	0.00	-1.43	0.00	5.05	75	22.22	91	89	43	7	0	0	0
SC COLUMBIA	95	68	100	62	82	1	0.04	-1.20	0.04	3.66	64	19.35	78	66	31	7	0	1	0
SC GREENVILLE	90	65	93	61	78	1	0.01	-0.90	0.01	3.31	74	24.73	93	75	32	5	0	1	0
SD ABERDEEN	80	56	85	52	68	-2	0.07	-0.69	0.07	4.23	108	9.71	90	87	53	0	0	1	0
SD HURON	81	56	87	51	69	-2	1.00	0.27	0.84	4.65	126	10.64	91	92	46	0	0	2	1
SD RAPID CITY	81	54	90	44	68	0	0.26	-0.28	0.18	3.60	115	11.50	117	88	48	1	0	5	0
SD SIOUX FALLS	79	56	84	53	67	-4	0.98	0.25	0.63	4.15	106	9.65	76	87	59	0	0	2	1
TN BRISTOL	82	57	87	51	70	-3	0.06	-0.87	0.05	3.36	76	20.77	91	96	45	0	0	2	0
TN CHATTANOOGA	92	67	98	63	80	2	0.00	-1.03	0.00	0.73	16	24.70	84	76	35	6	0	0	0
TN KNOXVILLE	84	64	91	60	74	-2	0.50	-0.51	0.49	5.34	115	29.17	108	89	44	1	0	2	0
TN MEMPHIS	93	73	96	68	83	2	0.00	-1.04	0.00	2.13	43	25.94	87	71	37	7	0	0	0
TN NASHVILLE	87	67	92	62	77	-1	0.75	-0.11	0.75	5.27	115	28.21	108	77	42	1	0	1	1
TX ABILENE	94	73	100	68	83	1	1.30	0.78	0.87	3.11	93	9.38	83	78	52	6	0	2	1
TX AMARILLO	90	65	96	61	78	1	0.32	-0.34	0.32	2.75	75	6.52	67	82	34	5	0	1	0
TX AUSTIN	100	73	105	71	87	4	0.61	0.04	0.40	1.59	39	11.61	66	84	49	7	0	3	0
TX BEAUMONT	97	75	100	72	86	4	0.49	-0.94	0.49	2.05	28	23.65	79	98	43	7	0	1	0
TX BROWNSVILLE	96	77	100	76	87	4	0.15	-0.45	0.15	0.64	20	5.85	52	90	65	7	0	1	0
TX CORPUS CHRISTI	98	76	102	73	87	4	0.14	-0.47	0.14	1.18	31	3.64	25	93	51	7	0	1	0
TX DEL RIO	100	77	103	72	89	5	0.54	0.02	0.37	5.41	205	9.35	102	75	44	7	0	3	0
TX EL PASO	92	70	94	67	81	-3	2.47	2.21	1.87	2.68	260	3.53	129	80	36	7	0	5	1
TX FORT WORTH	98	78	103	74	88	5	0.00	-0.48	0.00	5.38	154	20.39	106	70	37	6	0	0	0
TX GALVESTON	93	81	95	80	87	3	0.00	-0.89	0.00	0.32	7	10.87	54	88	56	7	0	0	0
TX HOUSTON	100	78	103	75	89	6	0.00	-0.98	0.00	0.27	5	17.13	69	87	44	7	0	0	0
TX LUBBOCK	90	69	97	65	79	0	0.90	0.29	0.48	3.20	96	6.63	75	83	57	4	0	3	0
TX MIDLAND	92	71	98	67	82	1	0.20	-0.19	0.11	1.92	99	3.48	58	83	45	5	0	2	0
TX SAN ANGELO	97	73	102	68	85	4	0.36	-0.01	0.19	1.91	70	8.92	86	77	47	5	0	2	0
TX SAN ANTONIO	101	77	104	75	89	6	0.00	-0.69	0.00	0.46	10	7.52	43	75	30	7	0	0	0
TX VICTORIA	101	76	102	74	89	6	0.00	-0.93	0.00	0.01	0	5.37	26	96	44	7	0	0	0
TX WACO	100	77	105	72	88	4	0.81	0.25	0.73	0.81	24	13.62	77	78	47	6	0	2	1
TX WICHITA FALLS	97	73	104	69	85	2	0.57	-0.01	0.29	2.80	70	14.35	93	84	48	6	0	2	0
UT SALT LAKE CITY	90	64	97	53	77	4	0.05	-0.06	0.05	2.71	327	11.32	119	60	24	3	0	1	0
VT BURLINGTON	76	60	80	57	68	-1	1.73	0.89	0.61	5.95	152	18.53	113	96	67	0	0	5	1
VA LYNCHBURG	83	57	86	53	70	-4	0.40	-0.54	0.40	4.10	94	21.51	96	85	46	0	0	1	0
VA NORFOLK	87	70	93	67	78	0	0.00	-0.98	0.00	5.81	134	21.22	93	76	37	2	0	0	0
VA RICHMOND	88	64	92	61	76	-1	0.37	-0.52	0.37	4.69	116	17.45	80	74	44	2	0	1	0
VA ROANOKE	84	62	87	57	73	-2	0.00	-0.86	0.00	4.54	109	22.03	99	69	41	0	0	0	0
WA WASH/DULLES	83	62	87	58	73	-1	0.11	-0.74	0.08	6.72	148	26.52	124	79	48	0	0	2	0
WA OLYMPIA	81	45	90	40	63	3	0.05	-0.27	0.03	0.43	22	24.20	90	89	45	1	0	3	0
WA QUILLAYUTE	71	45	81	41	58	1	0.00	-0.62	0.00	1.26	33	34.26	64	89	59	0	0	0	0
WA SEATTLE-TACOMA	79	55	88	49	67	4	0.00	-0.27	0.00	0.28	17	18.32	96	68	44	0	0	0	0
WA SPOKANE	85	54	93	49	70	5	0.00	-0.20	0.00	1.27	98	8.33	92	50	14	2	0	0	0
WA YAKIMA	91	54	97	50	72	6	0.00	-0.09	0.00	0.55	82	4.04	92	56	22	3	0	0	0
WV BECKLEY	73	56	78	54	64	-5	0.09	-0.90	0.05	2.74	61	20.93	95	86	63	0	0	3	0
WV CHARLESTON	78	61	86	59	70	-3	0.36	-0.64	0.22	5.02	107	25.14	111	94	55	0	0	3	0
WV ELKINS	74	57	80	52	65	-3	1.18	0.11	0.99	5.24	100	26.30	109	97	58	0	0	5	1
WV HUNTINGTON	78	60	87	57	69	-5	0.47	-0.42	0.35	6.26	142	25.95	117	92	55	0	0	2	0
WI EAU CLAIRE	72	56	79	51	64	-5	0.02	-0.92	0.02	4.29	89	10.60	70	90	57	0	0	1	0
WI GREEN BAY	72	58	78	53	65	-3	0.05	-0.75	0.05	2.65	68	13.09	97	83	55	0	0	1	0
WI LA CROSSE	75	58	81	53	66	-6	0.06	-0.93	0.02	3.34	73	12.68	82	90	54	0	0	4	0
WI MADISON	71	58	78	53	65	-5	0.02	-0.92	0.02	4.56	100	21.31	133	85	63	0	0	1	0
WI MILWAUKEE	72	60	81	54	66	-4	0.12	-0.73	0.08	7.04	174	21.11	124	77	56	0	0	2	0
WY CASPER	84	49	94	41	67	0	2.54	2.26	1.62	4.86	306	9.70	127	76	43	2	0	4	2
WY CHEYENNE	79	52	85	49	66	1	0.92	0.45	0.46	5.18	217	12.62	151	78	38	0	0	3	0
WY LANDER	80	54	87	48	67	-1	0.75	0.56	0.44	4.36	346	10.90	136	74	31	0	0	4	0
WY SHERIDAN	84	51	94	43	68	3	0.04	-0.33	0.04	3.62	163	7.81	89	83	39	2	0	1	0

Based on 1971-2000 normals

*** Not Available

Crop Progress and Condition

Week Ending July 5, 2009

Weekly U.S. Progress and Condition Tables provided by USDA/NASS

Soybeans Percent Emerged				
	Jul 5	Prev	Prev	5-Yr
	2009	Week	Year	Avg
AR	93	84	87	94
IL	94	76	95	99
IN	95	88	96	98
IA	97	97	95	99
KS	96	89	85	92
KY	92	82	93	96
LA	100	98	99	98
MI	100	97	100	99
MN	100	100	100	100
MS	99	98	99	100
MO	88	76	73	93
NE	100	100	99	100
NC	88	79	82	85
ND	100	97	100	100
OH	100	100	100	100
SD	100	98	99	99
TN	85	70	85	93
WI	100	98	99	98
18 Sts	96	91	94	98
These 18 States planted 95% of last year's soybean acreage.				

Corn Percent Silking				
	Jul 5	Prev	Prev	5-Yr
	2009	Week	Year	Avg
CO	5	0	5	5
IL	5	2	1	31
IN	2	0	0	17
IA	0	0	0	4
KS	27	6	24	36
KY	24	3	15	50
MI	0	0	0	3
MN	0	0	0	4
MO	30	8	13	49
NE	6	0	1	9
NC	88	66	69	76
ND	0	0	1	2
OH	2	0	1	5
PA	1	0	1	7
SD	0	0	0	0
TN	66	27	56	73
TX	63	62	60	66
WI	0	0	0	1
18 Sts	8	4	5	16
These 18 States planted 92% of last year's corn acreage.				

Cotton Percent Squaring				
	Jul 5	Prev	Prev	5-Yr
	2009	Week	Year	Avg
AL	66	37	65	62
AZ	60	39	69	78
AR	69	52	95	96
CA	60	35	63	70
GA	56	41	65	69
KS	28	14	49	32
LA	93	84	82	90
MS	79	42	75	86
MO	54	17	67	75
NC	78	59	83	80
OK	36	18	40	37
SC	49	30	38	52
TN	69	40	63	86
TX	57	22	44	46
VA	39	25	49	58
15 Sts	61	32	56	60
These 15 States planted 99% of last year's cotton acreage.				

Soybeans Percent Blooming				
	Jul 5	Prev	Prev	5-Yr
	2009	Week	Year	Avg
AR	26	17	18	33
IL	4	1	10	29
IN	3	0	4	20
IA	23	4	13	28
KS	17	0	9	18
KY	6	3	7	21
LA	70	54	58	66
MI	6	3	18	10
MN	5	0	8	17
MS	74	59	75	84
MO	6	1	3	15
NE	13	2	7	25
NC	1	1	4	4
ND	4	0	9	16
OH	16	6	10	24
SD	18	2	5	15
TN	17	5	21	30
WI	4	0	7	12
18 Sts	14	5	12	24
These 18 States planted 95% of last year's soybean acreage.				

Winter Wheat Percent Harvested				
	Jul 5	Prev	Prev	5-Yr
	2009	Week	Year	Avg
AR	100	95	99	99
CA	90	70	95	90
CO	10	3	15	34
ID	0	0	0	0
IL	62	46	52	82
IN	55	32	36	60
KS	83	47	73	84
MI	0	0	0	3
MO	84	58	65	85
MT	0	0	0	0
NE	11	0	5	31
NC	98	86	97	93
OH	17	4	3	24
OK	98	89	97	91
OR	1	0	1	3
SD	0	0	0	7
TX	90	70	91	90
WA	1	0	0	1
18 Sts	56	40	52	59
These 18 States harvested 87% of last year's winter wheat acreage.				

Cotton Percent Setting Bolls				
	Jul 5	Prev	Prev	5-Yr
	2009	Week	Year	Avg
AL	9	2	13	12
AZ	35	15	35	34
AR	8	2	7	26
CA	11	6	12	21
GA	10	4	14	21
KS	0	0	0	0
LA	41	9	39	38
MS	12	6	19	30
MO	0	0	15	15
NC	19	2	8	10
OK	0	0	1	1
SC	0	0	4	6
TN	0	0	3	12
TX	17	12	17	17
VA	0	0	0	6
15 Sts	14	8	15	18
These 15 States planted 99% of last year's cotton acreage.				

Crop Progress and Condition

Week Ending July 5, 2009

Weekly U.S. Progress and Condition Tables provided by USDA/NASS

Peanuts Percent Pegging				
	Jul 5	Prev	Prev	5-Yr
	2009	Week	Year	Avg
AL	21	1	29	23
FL	49	47	52	49
GA	24	14	38	40
NC	74	54	50	47
OK	21	11	63	60
SC	50	30	38	46
TX	18	3	39	29
VA	30	16	42	31
8 Sts	30	17	40	38
These 8 States planted 98% of last year's peanut acreage.				

Sorghum Percent Planted				
	Jul 5	Prev	Prev	5-Yr
	2009	Week	Year	Avg
AR	100	100	100	100
CO	88	77	92	98
IL	57	47	95	98
KS	98	93	96	97
LA	100	100	100	100
MO	97	95	90	97
NE	100	100	100	100
NM	90	74	80	92
OK	89	81	83	90
SD	100	97	100	99
TX	97	95	97	96
11 Sts	97	93	96	96
These 11 States planted 96% of last year's sorghum acreage.				

Sorghum Percent Headed				
	Jul 5	Prev	Prev	5-Yr
	2009	Week	Year	Avg
AR	35	6	21	44
CO	9	1	9	5
IL	0	0	11	7
KS	0	0	0	1
LA	81	51	84	68
MO	1	1	1	8
NE	0	0	0	0
NM	1	1	4	1
OK	0	0	6	6
SD	1	0	0	1
TX	55	50	53	57
11 Sts	26	23	25	27
These 11 States planted 96% of last year's sorghum acreage.				

Sorghum Percent Coloring				
	Jul 5	Prev	Prev	5-Yr
	2009	Week	Year	Avg
AR	0	NA	0	1
CO	1	NA	3	1
IL	0	NA	0	0
KS	0	NA	0	0
LA	2	NA	18	13
MO	0	NA	0	0
NE	0	NA	0	0
NM	0	NA	0	0
OK	0	NA	1	0
SD	0	NA	0	0
TX	46	NA	43	45
11 Sts	20	NA	19	20
These 11 States planted 96% of last year's sorghum acreage.				

Oats Percent Headed				
	Jul 5	Prev	Prev	5-Yr
	2009	Week	Year	Avg
IA	92	86	83	95
MN	70	51	65	79
NE	94	86	94	96
ND	17	0	52	60
OH	95	90	99	97
PA	93	72	86	88
SD	74	64	71	88
TX	100	100	100	100
WI	84	72	68	85
9 Sts	77	68	79	87
These 9 States planted 65% of last year's oat acreage.				

Oats Percent Harvested				
	Jul 5	Prev	Prev	5-Yr
	2009	Week	Year	Avg
IA	0	NA	0	1
MN	0	NA	0	0
NE	5	NA	0	9
ND	0	NA	0	0
OH	1	NA	0	1
PA	0	NA	0	0
SD	0	NA	0	0
TX	98	NA	99	94
WI	0	NA	0	0
9 Sts	10	NA	10	10
These 9 States harvested 68% of last year's oat acreage.				

Rice Percent Headed				
	Jul 5	Prev	Prev	5-Yr
	2009	Week	Year	Avg
AR	3	0	0	1
CA	0	0	0	5
LA	28	26	38	42
MS	1	0	0	7
MO	0	0	0	3
TX	60	37	39	41
6 Sts	9	6	8	11
These 6 States planted 100% of last year's rice acreage.				

Spring Wheat Percent Headed				
	Jul 5	Prev	Prev	5-Yr
	2009	Week	Year	Avg
ID	40	24	37	57
MN	30	15	52	68
MT	18	14	34	47
ND	17	0	56	63
SD	79	58	78	92
WA	95	70	81	89
6 Sts	30	15	54	65
These 6 States planted 98% of last year's spring wheat acreage.				

Barley Percent Headed				
	Jul 5	Prev	Prev	5-Yr
	2009	Week	Year	Avg
ID	38	21	43	53
MN	35	18	51	67
MT	28	17	43	53
ND	14	0	61	65
WA	92	67	82	89
5 Sts	27	12	54	61
These 5 States planted 81% of last year's barley acreage.				

Crop Progress and Condition

Week Ending July 5, 2009

Weekly U.S. Progress and Condition Tables provided by USDA/NASS

Corn Crop Condition by Percent					
	VP	P	F	G	EX
CO	0	5	20	45	30
IL	3	9	31	48	9
IN	2	8	26	52	12
IA	1	3	14	55	27
KS	2	5	25	52	16
KY	1	4	21	55	19
MI	2	5	26	53	14
MN	0	2	16	59	23
MO	3	8	35	44	10
NE	1	3	12	60	24
NC	4	18	37	34	7
ND	1	2	21	64	12
OH	1	4	18	53	24
PA	1	3	15	57	24
SD	0	13	25	49	13
TN	8	14	25	44	9
TX	18	13	29	34	6
WI	1	3	18	62	16
18 Sts	2	6	21	53	18
Prev Wk	2	5	21	54	18
Prev Yr	3	8	27	48	14

Cotton Crop Condition by Percent					
	VP	P	F	G	EX
AL	1	9	46	44	0
AZ	0	0	16	42	42
AR	4	9	31	43	13
CA	0	0	5	65	30
GA	2	11	37	44	6
KS	0	2	23	62	13
LA	1	23	31	34	11
MS	3	9	38	44	6
MO	0	16	38	43	3
NC	1	9	43	44	3
OK	0	9	33	56	2
SC	0	0	48	51	1
TN	0	5	30	59	6
TX	11	22	35	24	8
VA	0	2	29	56	13
15 Sts	7	16	35	34	8
Prev Wk	9	17	32	35	7
Prev Yr	7	12	36	38	7

Peanuts Crop Condition by Percent					
	VP	P	F	G	EX
AL	0	2	53	43	2
FL	0	3	18	66	13
GA	1	7	37	48	7
NC	2	5	34	57	2
OK	0	1	19	76	4
SC	0	1	53	45	1
TX	0	0	35	45	20
VA	0	0	12	76	12
8 Sts	1	4	37	49	9
Prev Wk	0	3	35	54	8
Prev Yr	2	7	35	49	7

Rice Crop Condition by Percent					
	VP	P	F	G	EX
AR	2	12	40	37	9
CA	5	10	25	45	15
LA	1	4	30	55	10
MS	0	8	32	56	4
MO	0	2	25	52	21
TX	0	3	29	53	15
6 Sts	2	9	34	44	11
Prev Wk	2	9	34	44	11
Prev Yr	1	4	26	56	13

Soybeans Crop Condition by Percent					
	VP	P	F	G	EX
AR	3	14	41	34	8
IL	2	6	32	52	8
IN	2	8	26	54	10
IA	1	3	16	59	21
KS	0	3	27	59	11
KY	1	3	17	53	26
LA	9	24	37	21	9
MI	2	6	29	51	12
MN	1	3	22	58	16
MS	5	10	37	39	9
MO	2	8	36	46	8
NE	1	2	14	62	21
NC	2	9	38	48	3
ND	1	2	16	67	14
OH	1	4	23	55	17
SD	0	15	30	45	10
TN	2	6	22	59	11
WI	1	4	25	58	12
18 Sts	2	6	26	53	13
Prev Wk	1	5	26	55	13
Prev Yr	3	8	30	49	10

Sorghum Crop Condition by Percent					
	VP	P	F	G	EX
AR	1	13	48	35	3
CO	0	0	24	66	10
IL	0	3	50	42	5
KS	1	2	18	71	8
LA	6	23	39	32	0
MO	1	6	39	50	4
NE	1	3	20	67	9
NM	0	39	47	14	0
OK	0	5	39	54	2
SD	0	1	23	59	17
TX	24	15	37	22	2
11 Sts	11	9	29	46	5
Prev Wk	11	9	28	48	4
Prev Yr	3	11	35	46	5

Spring Wheat Crop Condition by Percent					
	VP	P	F	G	EX
ID	0	1	6	73	20
MN	1	11	29	49	10
MT	2	11	27	54	6
ND	0	2	14	68	16
SD	1	14	23	50	12
WA	2	15	35	44	4
6 Sts	1	7	20	59	13
Prev Wk	1	5	18	64	12
Prev Yr	2	5	24	58	11

Crop Progress and Condition

Week Ending July 5, 2009

Weekly U.S. Progress and Condition Tables provided by USDA/NASS

Winter Wheat Crop Condition by Percent					
	VP	P	F	G	EX
AR	8	17	41	32	2
CA	0	5	20	25	50
CO	1	9	21	46	23
ID	0	0	6	66	28
IL	5	10	36	45	4
IN	1	8	25	51	15
KS	3	9	25	45	18
MI	1	5	23	56	15
MO	3	12	39	40	6
MT	3	9	30	47	11
NE	2	5	19	54	20
NC	1	4	28	59	8
OH	1	4	20	50	25
OK	30	34	25	11	0
OR	9	21	37	30	3
SD	3	9	35	43	10
TX	44	21	24	10	1
WA	7	18	29	36	10
18 Sts	13	14	26	36	11
Prev Wk	13	15	27	35	10
Prev Yr	NA	NA	NA	NA	NA

Oats Crop Condition by Percent					
	VP	P	F	G	EX
IA	0	4	21	57	18
MN	3	6	28	53	10
NE	0	5	8	68	19
ND	0	1	10	77	12
OH	0	3	33	53	11
PA	0	2	17	60	21
SD	0	4	27	53	16
TX	51	18	19	12	0
WI	1	2	15	63	19
9 Sts	15	7	19	48	11
Prev Wk	15	7	18	50	10
Prev Yr	2	7	25	56	10

Barley Crop Condition by Percent					
	VP	P	F	G	EX
ID	0	1	6	68	25
MN	1	10	33	48	8
MT	1	8	31	46	14
ND	0	1	14	69	16
WA	3	13	36	46	2
5 Sts	0	4	19	61	16
Prev Wk	0	3	15	69	13
Prev Yr	1	4	26	60	9

Pasture and Range Crop Condition by Percent												
Week Ending Jul 5, 2009												
	VP	P	F	G	EX		VP	P	F	G	EX	
AL	0	6	56	36	2		NH	0	1	31	66	2
AZ	16	15	36	25	8		NJ	0	0	20	60	20
AR	0	4	37	56	3		NM	12	31	46	11	0
CA	50	40	5	5	0		NY	0	2	16	61	21
CO	1	7	25	48	19		NC	1	8	33	54	4
CT	0	0	33	67	0		ND	2	5	19	64	10
DE	1	4	18	75	2		OH	1	2	30	54	13
FL	1	3	26	45	25		OK	3	8	38	45	6
GA	4	21	42	31	2		OR	2	7	31	50	10
ID	0	0	20	40	40		PA	3	4	22	49	22
IL	0	1	20	54	25		RI	0	0	19	81	0
IN	1	4	20	55	20		SC	0	11	43	46	0
IA	1	6	21	51	21		SD	2	4	18	61	15
KS	2	5	22	58	13		TN	6	14	27	46	7
KY	1	3	28	50	18		TX	29	24	30	16	1
LA	11	29	41	18	1		UT	0	2	13	67	18
ME	0	17	40	25	18		VT	9	31	31	29	0
MD	0	4	11	66	19		VA	1	2	22	58	17
MA	0	0	5	95	0		WA	3	18	40	37	2
MI	1	5	35	44	15		WV	0	8	26	60	6
MN	5	9	28	52	6		WI	2	8	29	55	6
MS	24	36	22	14	4		WY	0	0	18	61	21
MO	0	4	29	57	10		48 Sts	9	12	26	42	11
MT	5	14	29	37	15							
NE	1	2	13	63	21		Prev Wk	8	11	24	45	12
NV	0	4	27	42	27		Prev Yr	10	14	27	40	9

VP - Very Poor; P - Poor; F - Fair; G - Good; EX - Excellent
 NA - Not Available; *Revised

National crop conditions for selected States are weighted based on the year 2008 planted acres.

National Agricultural Summary

June 29 – July 5, 2009

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Another wet week with below-average temperatures prevailed in the central Corn Belt. A few locations in Illinois and Iowa received as much as 4 inches of rainfall on already soggy fields, limiting the amount of fieldwork late in the week. In contrast, unseasonably dry

conditions continued along the Pacific Coast, in the upper Mississippi Valley, and in a band stretching from south Texas through much of the Southeast. Above-average temperatures were recorded across much of the southern and western parts of the country.

Corn: By week's end, 8 percent of the 2009 corn crop was at or beyond the silking stage, 3 points ahead of last year, but 8 points behind the 5 year average. Crop development was at or behind the average pace in all states except North Carolina. Ideal growing conditions in Tennessee allowed 39 percent of the crop to begin silking during the week. Overall, 71 percent of the corn crop was rated in good to excellent condition, down slightly from a week ago but 9 points better than last year.

Soybeans: Nationally, 96 percent of the soybean crop had emerged, 2 points ahead of the pace a year ago but 2 points slower than normal. In Iowa, the largest soybean-producing state, emergence was stagnant as producers in the southeastern part of the state continued to battle soggy fields in their efforts to plant the intended acreage. Blooming had begun in all estimating states and had reached 14 percent nationally by July 5, two points ahead of last year but 10 points behind the 5 year average. Sixty six percent of the nation's crop was rated in good to excellent condition, compared with 68 percent a week ago and 59 percent a year ago.

Winter Wheat: Nationwide, winter wheat producers harvested 16 percent of their crop during the week, leaving progress (56 percent complete) 4 points ahead of last year's pace but 3 points behind the average. A rapid harvest pace continued in Kansas, where producers had more than 5 days suitable for fieldwork and for the second consecutive week experienced mostly sunny skies. Overall, 47 percent of the winter wheat crop was rated in good to excellent condition.

Cotton: Warm, sunny conditions throughout most of the cotton-growing regions allowed for brisk crop development during the week. Squaring advanced 29 points during the week to 61 percent complete by July 5, five points ahead of last year and 1 point ahead of the 5 year average. Meanwhile, 14 percent of the 2009 cotton acreage was setting bolls, compared with 15 percent last year and 18 percent for the average. Progress equaled or was ahead of normal in Arizona, Louisiana, North Carolina, and Texas, but lagged in the northern Delta and Southeast. Nationally, 42 percent of the cotton crop was rated in good to excellent condition, unchanged from a week ago but 3 points below last year.

Sorghum: Planting was nearly complete, with 97 percent of this year's sorghum crop in the ground, 1 point ahead of last year and the 5 year average. Heading advanced 3 points during the week to 26 percent complete, 1 point ahead of last year but 1 point behind the average. Above-average temperatures allowed for rapid development in the Delta States of Arkansas and Louisiana. Driven mostly by the

crop in Texas, coloring had reached 20 percent by week's end, 1 point ahead of last year and on par with the 5 year average. Overall, 51 percent of the crop was rated in good to excellent condition, down slightly from last week but on par with a year ago.

Rice: Acreage at or beyond the heading stage reached 9 percent, 1 point ahead of last year but 2 points behind normal. In Arkansas, the largest rice producing state, 3 percent of this year's crop had advanced to the heading stage, leaving progress ahead of last year's and the average pace. Nationally, 55 percent of the rice crop was rated in good to excellent condition, unchanged from a week ago but 14 points below last year.

Small Grains: Heading of this year's spring wheat crop advanced to 30 percent complete by July 5, twenty four points slower than a year ago and 35 points behind the 5 year average pace. Heading was behind normal in all states except Washington, where progress was nearly complete. Overall, 72 percent of the spring wheat crop was rated in good to excellent condition, down 4 points from last week but 3 points better than a year ago.

Heading was evident in 27 percent of the 2009 barley crop, 27 points below last year and 34 points below the average. Significant advancement occurred in all states, with 25 percent of Washington's crop developing heads during the week. Nationally, 77 percent of the barley crop was rated in good to excellent condition, compared with 82 percent last week and 69 percent a year ago. In Montana, the second largest barley producing state, above-average temperatures and insect damage caused a 13-point decline in the crop's condition.

Nationally, 77 percent of the oat crop had reached the heading stage, 2 points slower than last year's pace and 10 points slower than normal. Ten percent of this year's crop was harvested, on par with last year and the 5 year average. Harvest was nearly complete in Texas, the largest oat producing state, and was just beginning in Nebraska and Ohio. Overall, 59 percent of the oat crop was rated in good to excellent condition, down slightly from last week and 7 points below last year.

Other Crops: Pegging was evident in 30 percent of the nation's peanut crop, 10 points behind last year and 8 points behind the 5 year average. Crop development was behind normal in all states except South Carolina and Florida. Nationally, 58 percent of the peanut crop was rated in good to excellent condition, compared with 62 percent a week ago and 56 percent a year ago. Dry conditions depleted soil moisture reserves in South Carolina and Alabama, where the crop's condition declined significantly during the week.

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 Crop Progress and Condition Reports published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service. The crop reports are available on the Internet through the NASS Home Page on the World Wide Web at <http://www.nass.usda.gov>.

ALABAMA: Days suitable for fieldwork 6.5. Topsoil moisture 15% very short, 48% short, 37% adequate, and 0% surplus. Corn 78% silked, 88% 2008, and 82% avg.; 25% dough, 41% 2008, 30% avg.; conditions 4% very poor, 20% poor, 43% fair, 30% good, and 3% excellent. Cotton 66% squaring, 65% 2008, 62% avg.; 9% setting bolls, 13% 2008, 12% avg.; conditions 1% very poor, 9% poor, 46% fair, 44% good, 0% excellent. Peanuts 21% pegged, 29% 2008, 23% avg.; conditions 0% very poor, 2% poor, 53% fair, 43% good, 2% excellent. Soybeans 96% planted, 95% 2008, 95% avg.; 83% emerged, 88% 2008, 86% avg.; blooming 15%, 26% 2008, 22% avg.; conditions 1% very poor, 9% poor, 49% fair, 41% good, 0% excellent. Hay harvested-1st cutting 97%, N/A 2008, and N/A average. Winter wheat 92% harvested, 56% 2008, 54% avg.; condition 2% very poor, 9% poor, 46% fair, 42% good, and 1% excellent. Livestock condition 0% very poor, 1% poor, 43% fair, 51% good, and 5% excellent. Pasture and range condition 0% very poor, 6% poor, 56% fair, 36% good and 2% excellent. Although hot, dry weather continued into the beginning of last week, the late rain that occurred at the beginning of this week had producers optimistic over the condition of crops and pastures. The US Drought Monitor from June 30 illustrated daytime highs for the week ranging from 92 degrees in Sand Mountain, to a scorching 105 degrees in Dothan. Overnight lows varied from 57 degrees in Hamilton, Sand Mountain, and Opelika to 72 degrees in Mobile-Bates. Precipitation totals for the week ranged from 0 inches in all reporting weather stations in District 40, to 1.49 inches in Belle Mina over a period of 1 day. This year's corn crop has been slow to develop phenologically, and remained behind last year and the five-year average for corn dough and corn silked. The hot weather caused fruits and vegetables to be damaged by harmful diseases and insects such as bacterial spot infections as well as stink and leaf footed bugs. Pasture conditions declined last week, with fractions of the state once again encountering small amounts of drought.

ALASKA: Days suitable for fieldwork 6.0. Topsoil moisture 20% short, 80% adequate. Subsoil moisture 10% short, 90% adequate. Barley 60% headed, condition 5% fair, 55% good, 40% excellent. Oats 40% headed, condition 70% good, 30% excellent. Potatoes 95% emerged, condition 15% fair, 60% good, 25% excellent. First cutting of hay was reported as 60% complete. Condition of the hay crop was rated as 10% poor, 30% fair, 45% good, 15% excellent. Rate of crop growth was reported as 55% moderate, 45% rapid. No wind and rain damage was reported. The main farm activities were harvesting hay, irrigation, machinery maintenance.

ARIZONA: Temperatures were above normal across the State for the week ending July 5. Precipitation was reported at 18 of the 22 reporting stations. Small grain harvesting remains active across the State with at least 70 percent complete. Cotton squaring is completed on 60 percent of the acreage, behind last year and the 5-year average. Alfalfa harvest remains active on over three-quarters of the State's acreage. Alfalfa conditions remain good to excellent. Range and pasture conditions vary from very poor to good, depending on location and elevation.

ARKANSAS: Days suitable for fieldwork 6.6. Topsoil moisture 5% very short, 48% short, 46% adequate, 1% surplus. Subsoil moisture 4% very short, 41% short, 53% adequate, 2% surplus. Corn 80% silked, 80% 2008, 91% avg.; 15% dough, 11% 2008, 20% avg.; condition 2% very poor, 13% poor, 37% fair, 35% good, 13% excellent. Even with some much-needed rain, irrigation was the main activity for corn, cotton, and soybeans last week. Corn silked increased 15% last week, equal to last year's progress but 1 week behind the five-year average. The dough stage was 4% ahead of last year but 5% behind the five-year average. Cotton squaring jumped 17% by the end of the week, a little over a week behind 2008 and two weeks behind the five-year average. Cotton setting bolls was 1% ahead of last year but 18% behind the five-year average. Rice was just beginning to head by week's end as mid-season nitrogen and herbicides were being applied to the crop. The sorghum crop was 14% ahead of 2008 but 9% behind the five-year average. Despite the dry field conditions, soybean farmers planted an additional 4% of their crop, 2% ahead of 2008 but 1% behind the five-year average. Soybeans emerged was 6% ahead of last year but 1% behind the five-year average. Soybeans blooming was a week ahead of 2008 but slightly less than a week behind the five-year average. The soybean crop was just beginning to set pods last week. Livestock

remained in fair to good condition. Pasture and range and hay crops were also in fair to good condition as hay harvest continued in some areas of the state.

CALIFORNIA: Wheat harvest was completed in most areas. Alfalfa moved into the third and fourth cutting, with some beginning fifth cutting. Cotton hasn't been affected by the recent heat. Fields continued to be treated for lygus. Herbicide treatments continued for rice fields. Sunflowers were headed out. Corn continued to be planted and sprayed in some areas. Dry and Lima bean planting continued. Safflower and sorghum fields also continued to develop. The harvest of broccoli for seed was completed. Apricot, nectarine, peach, plum, and fig harvests continued normally in the Sacramento Valley. Some prune orchards experienced fruit drop in the Sacramento Valley. Thinning to optimize light penetration for maturation and coloring of table grapes continued in the San Joaquin Valley, while the flame grapes harvest had begun. Higher temperatures aided grapevine development along the Central Coast, though mildew concerns remain. The blueberry harvest was completed as the blackberry and boysenberry harvests continued. The navel orange harvest was completed while the valencia orange harvest continued. Spraying continued in San Joaquin orchards and vineyards. Codling moth, mites, and worm treatments continued for walnuts; hull split spraying began for almonds in the Sacramento and San Joaquin valleys. Most almond growers were also including a miticide in their hull split spray. Tulare County's harvest of various summer vegetables was ongoing and included peppers, squash, eggplant, cucumbers, and tomatoes. The harvests of commercial tomatoes, melon and sweet corn were also underway. In Colusa County, processing tomatoes were not far from being harvested, good yields were expected. Some sweet corn was being harvested in Sacramento County. Kern County farmers harvested peppers, carrots, fresh market onions and processing tomatoes. Fresh market and processing tomato fields were planted in Merced County, while the harvests of watermelon and fresh market tomatoes progressed. Fresno County's fresh market tomato harvest began along with yellow onions, organic garlic, and carrots. Fire hazard remained high in some areas due to the extremely dry conditions. Cattle on rangeland and dry-land pasture in many central and southern areas continued to receive supplemental protein and other feeds due to the mostly poor quality of available forage which has resulted from the severe drought conditions. Irrigated pasture was in good condition. Dairy herd reduction continued, with some leveling-off reported. Sheep were grazing on harvested grain, alfalfa fields and retired farmland. Honeybees were pollinating sunflower and vineseed fields in Sutter County; seed alfalfa, melon and some vegetable plantings in other central areas. Leaf cutter bees were pollinating most alfalfa seed fields in Imperial.

COLORADO: Days suitable for field work 5.7. Topsoil moisture 1% very short, 9% short, 78% adequate 12% surplus. Subsoil moisture 3% very short, 19% short, 70% adequate 8% surplus. Alfalfa 89% 1st cutting, 93% 2008, 93% avg.; 11% 2nd cutting 14% 2008, 16% avg.; condition 2% poor 18% fair, 56% good, 24% excellent. Dry Beans 97% planted, 84% 2008, 97% avg.; 79% emerged, 65% 2008, 89% avg.; 1% flowered, 5% 2008, 3% avg.; condition 6% fair, 81% good, 13% excellent. Spring barley 60% headed, 78% 2008, 86% avg.; 3% turning color 10% 2008, 20% avg.; condition 22% fair, 49% good, 29% excellent. Dry onions condition 1% poor, 6% fair, 68% good, 25% excellent. Sugarbeets condition 1% poor, 13% fair, 55% good, 31% excellent. Summer potatoes 96% emerged, 95% 2008, 98% avg.; condition 90% good, 10% excellent. Fall potatoes condition 29% fair, 50% good, 21% excellent; Spring wheat 59% headed, 63% 2008, 77% avg.; 3% turning color, 6% 2008, 17% avg.; condition 25% fair, 40% good, 35% excellent. Winter wheat 93% turning color, 89% 2008, 97% avg.; 35% ripe, 62% 2008, 74% avg. The warm temperatures continued across Colorado last week. Most areas across the State reported average temperatures above normal for this time of year. This, along with an increase in moisture received, has led to the most favorable crop conditions in several years.

DELAWARE: Days suitable for fieldwork 6.0. Topsoil moisture 2% very short, 12% short, 79% adequate, 7% surplus. Subsoil moisture 1% very short, 6% short, 91% adequate, 2% surplus. Hay supplies 0% very short, 8% short, 86% adequate, 6% surplus. Other Hay first cutting 100%, 93%

2008, 99% avg.; second cutting 27%, 57% 2008, 56% avg. Alfalfa Hay first cutting 100%, 100% 2008, 100% avg.; second cutting 46%, 70% 2008, 76% avg. Pasture condition 1% very poor, 4% poor, 18% fair, 75% good, 2% excellent. Corn condition 5% very poor, 12% poor, 35% fair, 37% good, 11% excellent; 100% emerged, 99% 2008, 99% avg.; 15% silked, 10% 2008, 33% avg. Soybeans 92% planted, 80% 2008, 88% avg.; condition 2% very poor, 11% poor, 34% fair, 44% good, 9% excellent; 67% emerged, 72% 2008, 80% avg.; blooming 1%, 2% 2008, 3% avg. Winter wheat condition 3% very poor, 6% poor, 32% fair, 55% good, 4% excellent. Barley condition 2% very poor, 11% poor, 52% fair, 32% good, 3% excellent; 95% harvested, 56% 2008, 64% avg. Apple condition 2% very poor, 6% poor, 14% fair, 72% good, 6% excellent. Peach condition 7% very poor, 13% poor, 8% fair, 71% good, 1% excellent; 22% harvested, 4% 2008, 6% avg. Winter wheat 69% harvested, 62% 2008, 63% avg. Cantaloup 96% planted, 90% 2008, 94% avg.; 3% harvested, 2% 2008, 4% avg. Cucumbers 66% planted, 79% 2008, 72% avg.; 6% harvested, 11% 2008, 9% avg. Green peas 90% harvested, 84% 2008, 91% avg. Lima beans 77% planted, 70% 2008, 70% avg. Potatoes 5% harvested, 1% 2008, 2% avg. Snap beans 83% planted, 95% 2008, 94% avg. Sweet corn 91% planted, 91% 2008, 90% avg. Tomatoes 99% planted, 99% 2008, 97% avg.; 1% harvested, 3% 2008, 2% avg. Watermelons 98% planted, 92% 2008, 97% avg.; 1% harvested, 3% 2008, 5% avg. Apples 2% harvested, 0% 2008, 0% avg. Strawberries 100% harvested, 100% 2008, 100% avg. Farmers are taking advantage of the good weather and harvesting wheat and barley. Corn and Soybeans are progressing well.

FLORIDA: Topsoil moisture 2% very short, 13% short, 71% adequate, 14% surplus. Subsoil moisture 16% short, 73% adequate, 11% surplus. Peanuts 49% planted, 52% 2008, 49% 5-yr avg.; condition 3% poor, 18% fair, 66% good, 13% excellent. Soybeans, cotton, peanuts drought stressed, Panhandle. Cotton, good condition, Okaloosa County. Grasshoppers took toll on soybeans, some replanted. Some soybean fields seedling death, Holmes County. Corn growers concerned about pollination during hot, dry weeks, Washington, Holmes counties. Yield may be significantly reduced some field corn. Potatoes harvested, activity declining. Soil moisture short, Panhandle; adequate, southern, central Peninsula. Some vegetable growers treated fields for weeds, southern Peninsula. Light tomato harvest, Panhandle, central Florida. Highlands County, few late watermelons. Pumpkins, heavy rainfall reduced quality, Highlands County. Blackberries harvested, Hernando County. Okra, avocados also marketed. Summer weather patterns normal, citrus-producing areas. Growers in most areas reported trees in good condition. Cultural practices continued, included limited fertilizations, hedging, resetting of young trees. Some summer sprays applied as rainfall permitted. Fresh fruit packinghouses closed for season. Valencia orange harvest nearly over, remaining processing plants closed for season. Growers focused on psyllid control using both aerial, ground spraying. Pasture Feed 1% very poor, 3% poor, 26% fair, 45% good, 25% excellent. Cattle Condition 1% very poor, 4% poor, 30% fair, 50% good, 15% excellent. Panhandle, north pasture condition very poor to excellent, most fair to good. High temperatures oppressive for cattle, especially difficult for dairies. Cattle condition mostly fair to good. Central summer rainfall pattern beneficial to pastures, range; pasture mostly good. Stock ponds water levels low. Southwest pasture mostly good to excellent, some in poor condition due to localized flooding in low lying areas. Cattle condition very poor to excellent with most fair. Statewide cattle condition very poor to excellent, most fair to good.

GEORGIA: Days suitable for fieldwork 6.5. Soil moisture 24% very short, 47% short, 28% adequate, and 1% surplus. Topsoil moisture 24% very short, 47% short, 28% adequate, 1% surplus. Corn 1% very poor, 10% poor, 36% fair, 42% good, 11% excellent; 92% silked, 93% 2008, 91% avg.; 54% dough, 54% 2008, 56% avg.; 18% dent, 17% 2008, 18% avg. Soybeans 1% very poor, 12% poor, 46% fair, 37% good, 4% excellent; 97% planted, 97% 2008, 96% avg.; 90% emerged, 88% 2008, 91% avg.; blooming 8%, 9% 2008, 15% avg. Sorghum 1% very poor, 6% poor, 57% fair, 35% good, 1% excellent; 78% planted, 82% 2008, 88% avg. Apples 0% very poor, 4% poor, 14% fair, 31% good, 51% excellent. Hay 3% very poor, 17% poor, 42% fair, 34% good, 4% excellent. Peaches 0% very poor, 8% poor, 11% fair, 81% good, 0% excellent; 51% harvested, 57% 2008, 55% avg. Pecans 0% very poor, 1% poor, 39% fair, 44% good, 16% excellent. Tobacco 11% very poor, 25% poor, 32% fair, 27% good, 5% excellent. Watermelons 3% very poor, 20% poor, 46% fair, 28% good, 3% excellent; 54% harvested, 61% 2008, 61% avg. Peanuts blooming 62%, 74% 2008, 73% avg. Hot and dry weather helped hay harvesting, but stopped forage production. Some soybean fields were stressed from the dry weather and some planting has been delayed. Tobacco fields were sprayed for worms and leaf diseases. Tobacco growers began topping tobacco. Some corn fields experienced high population of army worms. Weeds have appeared in cotton and peanut crops.

HAWAII: Days suitable for fieldwork 7. Soil moisture levels were adequate in many areas, but getting short in more locations, especially leeward sectors of all islands. Most banana and papaya orchards were in fair to good condition. Harvesting of fruits was at moderate to heavy levels. Warm temperatures has aided in fruit development. The head cabbage crop was in fair to good condition with controlled heavy irrigation. Light and variable winds prevailed during the majority of the week. Light trade winds returned on Friday and gradually strengthen to moderate levels on Sunday. High temperatures ranged from the low 80's to the upper 80's. Showers were generally light and scattered, with windward sectors receiving much of the precipitation. Some leeward locations received some moisture from afternoon convective activities, but conditions were still mostly dry. Water conservation measures are still in place for several agricultural sectors around the State. The light winds moved some of the volcanic haze into the Puna Sectors, with the major concentration still in the Ka'u and Kona sectors of the island of Hawaii. In general, skies were partly cloudy to mostly sunny.

IDAHO: Days suitable for field work 6.6. Topsoil moisture 1% very short, 15% short, 77% adequate, 7% surplus. Winter wheat turning color 26%, 6% 2008, 26% avg. Spring wheat jointed 96%, 95% 2008, 97% avg.; boot stage 82%, 69% 2008, 86% avg. Barley jointed 96%, 96% 2008, 96% avg.; boot stage 77%, 69% 2008, 81% avg. Potatoes 12 inches high 73%, 55% 2008, 72% avg.; closing middles 29%, 9% 2008, 32% avg. Cherries 80% harvested, 27% 2008, 59% avg. Alfalfa hay 1st cutting harvested 83%, 79% 2008, 89% avg.; 2nd cutting harvested 15%, 5% 2008, 15% avg. Irrigation water supply 0% very poor, 0% poor, 1% fair, 58% good, 41% excellent. Potato condition 0% very poor, 0% poor, 5% fair, 88% good, 7% excellent. Winter wheat 91% headed, 94% 2008, 96% avg. Range and pasture 0% very poor, 0% poor, 20% fair, 40% good, 40% excellent. Hay farm operators used the week's favorable weather to work their hay fields. All regions reported advances in the first cutting of alfalfa and several districts are well into the second cutting. The Caribou County extension educator reports that moisture has caused damage to the hay crop. Warm temperatures have left cereal crops and potatoes in mostly good to excellent condition. Nez Perce County reports dry weather has caused some cereal crop damages at lower elevations. Many areas are beginning to see winter wheat turning color. Eastern and South-Central districts reported crop damage from hail.

ILLINOIS: Days suitable for fieldwork 5.3. Topsoil moisture 3% short, 75% adequate, 22% surplus. Corn 5% silk, 1% 2008, 31% avg.; condition 3% very poor, 9% poor, 31% fair, 48% good, 9% excellent. Soybeans 4% blooming, 10% 2008, 29% avg.; condition 2% very poor, 6% poor, 32% fair, 52% good, 8% excellent. Wheat 91% ripe, 91% 2008, 96% avg. Oats 95% headed, 98% 2008, 99% avg.; 62% filled, 85% 2008, 92% avg. Alfalfa 36% second crop cut, 33% 2008, 59% avg.; condition 1% very poor, 2% poor, 26% fair, 60% good, 11% excellent. Red clover 85% cut, 90% 2008, 94% average. The summer weather continued with its variable patterns across Illinois. Last week temperatures averaged 68.8 degrees, 5.8 degrees below average statewide. This slowed crop progress in many areas. Precipitation was 1.24 inches statewide last week, .25 inches above normal, adding to some already soggy fields. With 5.3 days suitable for fieldwork, many farmers were able to harvest their winter wheat, although many of the farmers who waited until the weekend got rained out and were unable to finish it in many parts of the state. Wheat is reported at 62% harvested, compared to 52% last year and a five year average of 82%. The average height of corn is 41 inches, compared to 45 inches last year and a five year average of 61 inches. Soybeans are 94% emerged, on pace with last year but below the five year average of 99%.

INDIANA: Days suitable for fieldwork 5.8. Topsoil moisture 1% very short, 14% short, 67% adequate, 18% surplus. Subsoil moisture 1% very short, 7% short, 78% adequate, 14% surplus. Corn 2% silked, 0% 2008, 17% avg.; condition 2% very poor, 8% poor, 26% fair, 52% good, 12% excellent. Soybeans 95% emerged, 96% 2008, 98% avg.; blooming 3%, 4% 2008, 20% avg.; condition 2% very poor, 8% poor, 26% fair, 54% good, 10% excellent. Winter wheat 55% harvested, 36% 2008, 60% avg.; condition 1% very poor, 8% poor, 25% fair, 51% good, 15% excellent. Pasture condition 1% very poor, 4% poor, 20% fair, 55% good, 20% excellent. Alfalfa second cutting 28% complete, 18% 2008, 35% avg. Temperatures ranged from 40 to 100 below normal with a low of 52o and a high of 92o. Precipitation averaged from 0.05 inches to 1.87 inches. A week of unseasonably cool temperatures slowed crop growth across most of the state. Irrigation systems were active as soils were becoming dry in some fields. Dry weather did allow farmers to make progress in the hay fields and nearly finish up all first cuttings. Wheat harvest finished up in southern and some central counties while farmers in the north spent the week preparing to start their harvest. Farmers were busy planting double crop soybeans, baling straw, applying herbicides to soybean fields and preparing for county fairs.

IOWA: Days suitable for fieldwork 5.2. Topsoil moisture 0% very short, 7% short, 80% adequate, and 13% surplus. Subsoil moisture 1% very short, 4% short, 80% adequate, and 15% surplus. Corn 2% tasseled, 11% average, 0% last year. Corn condition 1% very poor, 3% poor, 14% fair, 55% good, and 27% excellent. Corn stand was rated 95% of normal with 100% being normal. Soybeans 97% emerged, 99% average, 95% last year. Soybeans 23% blooming, 28% average, 13% last year. Soybean condition 1% very poor, 3% poor, 16% fair, 59% good, 21% excellent. Oats 92% headed, 95% average, 83% last year. Oats turning color 32%, 48% average, 22% last year. Oat condition rated 0% very poor, 4% poor, 21% fair, 57% good, and 18% excellent. Alfalfa first harvest 94%, 97% average, 91% last year. Alfalfa second harvest 21%, 27% average, 6% last year. All Hay condition rated 3% very poor, 9% poor, 28% fair, 48% good, 12% excellent. Pasture and range condition rated 1% very poor, 6% poor, 21% fair, 51% good, 21% excellent. Just as many were gearing up for fireworks, rain began to fall over the holiday weekend on some areas. Many farmers were finally able to enter fields to finish herbicide applications. Temperatures were slightly below normal for what was a good week for Iowa crops and livestock.

KANSAS: Days suitable for field work 5.6. Topsoil moisture 2% very short, 14% short, 80% adequate, and 4% surplus. Subsoil moisture 2% very short, 13% short, 83% adequate, and 2% surplus. Wheat ripe 98%, 97% 2008, 99% avg. Sorghum 89% emerged, 85% 2008, 90% avg. Sunflowers 90% planted, 79% 2008, 90% avg. 58% emerged, 72% 2008, 78% avg. Alfalfa 63% second cutting, 64% 2008, 70% avg. Range and pasture condition 2% very poor, 5% poor, 22% fair, 58% good, and 13% excellent. Feed grain supplies 1% very short, 6% short, 91% adequate, and 2% surplus. Hay and forage supplies 1% very short, 5% short, 86% adequate, and 8% surplus. Stock water supplies 1% very short, 4% short, 90% adequate, and 5% surplus.

KENTUCKY: Days suitable for field work 5.6. Topsoil moisture 2% very short, 18% short, 75% adequate, 5% surplus. Subsoil moisture 13% short, 78% adequate, 9% surplus. Tobacco condition 1% very poor, 7% poor, 24% fair, 51% good, and 17% excellent. Tobacco transplants less than 12 inches high 40%, 39% between 12-24 inches high, and 21% over 24 inches high. Wheat 92% harvested. Pasture conditions 1% very poor, 3% poor, 28% fair, 50% good, 18% excellent. Throughout the State, temperatures were below normal for the first time in 3 weeks and below normal rainfall was reported for the first time in 6 weeks.

LOUISIANA: Days suitable for fieldwork 6.8. Soil moisture 55% very short, 33% short, 12% adequate. Corn 100% silked, 100% 2008, 100% avg.; 82% dough, 79% 2008, and 69% avg.; 6% very poor, 17% poor, 33% fair, 31% good, 13% excellent. Cotton 100% emerged, 100% 2008, 100% avg.; 93% squaring, 82% 2008, 90% avg.; 41% setting bolls, 39% 2008, and 38% avg.; 1% very poor, 23% poor, 31% fair, 34% good, 11% excellent. Hay 97% first cutting, 95% 2008, 92% avg.; 26% second cutting, 33% 2008, and 19% avg. Peaches 55% harvested, 71% 2008, 61% avg. Rice 100% emerged, 100% 2008, and 100% avg.; 28% headed, 38% 2008, and 42% avg.; 1% very poor, 4% poor, 30% fair, 55% good, and 10% excellent. Sorghum 100% emerged, 100% 2008, 100% avg.; 81% headed, 84% 2008, 68% avg.; 2% turning color, 18% 2008, and 13% avg.; 6% very poor, 23% poor, 39% fair, 32% good, 0% excellent. Soybeans 100% planted, 100% 2008, 100% avg.; 100% emerged, 98% 2008, and 98% avg.; 70% blooming, 58% 2008, and 66% avg.; 57% setting pods, 34% 2008, and 44% avg.; 9% very poor, 24% poor, 37% fair, 21% good, and 9% excellent; Sweet Potatoes 100% planted, 98% 2008, 94% avg. Winter Wheat 100% harvested, 100% 2008, 100% avg. Sugarcane 2% very poor, 25% poor, 40% fair, 30% good, 3% excellent. Livestock 1% very poor, 12% poor, 49% fair, 37% good, 1% excellent. Vegetable 8% very poor, 26% poor, 46% fair, 19% good, 1% excellent. Range and pasture 11% very poor, 29% poor, 41% fair, 18% good, 1% excellent.

MARYLAND: Days suitable for fieldwork 6.0. Topsoil moisture 1% very short, 16% short, 76% adequate, 7% surplus. Subsoil moisture 0% very short, 8% short, 84% adequate, 8% surplus. Hay supplies 6% very short, 0% short, 89% adequate, 5% surplus. Other Hay first cutting 95%, 92% 2008, 95% avg.; second cutting 39%, 21% 2008, 40% avg. Alfalfa Hay first cutting 96%, 99% 2008, 98% avg.; second cutting 66%, 54% 2008, 68% avg.; third cutting 1%, 3% 2008, 4% avg. Pasture condition 0% very poor, 4% poor, 11% fair, 66% good, 19% excellent. Corn condition 2% very poor, 5% poor, 21% fair, 51% good, 21% excellent; 100% emerged, 100% 2008, 99% avg.; 16% silked, 14% 2008, 26% avg. Soybean condition 2% very poor, 3% poor, 32% fair, 51% good, 12% excellent; 88% planted, 89% 2008, 92% avg.; 72%, emerged 77% 2008, 90% avg.; blooming 1%, 3% 2008, 4% avg. Barley 98% harvested, 93% 2008, 79% avg.; condition 1% very poor, 2% poor, 18% fair, 72% good, 7% excellent. Winter wheat condition 1% very poor, 4% poor, 23% fair, 66% good, 6% excellent; 62%

harvested, 58% 2008, 62% avg. Apple condition 0% very poor, 0% poor, 11% fair, 88% good, 1% excellent. Peach condition 0% very poor, 6% poor, 16% fair, 74% good, 4% excellent. Cantaloup 90% planted, 99% 2008, 91% avg.; 4% harvested, 10% 2008, 8% avg. Cucumbers 83% planted, 74% 2008, 65% avg.; 17% harvested, 8% 2008, 13% avg. Green peas 98% harvested, 98% 2008, 91% avg. Lima beans 68% planted, 81% 2008, 73% avg.; 2% harvested, 9% 2008, 10% avg. Potatoes 16% harvested, 4% 2008, 11% avg. Snap beans 94% planted, 91% 2008, 74% avg. Sweet corn 94% planted, 94% 2008, 96% avg. Tomatoes 95% planted, 99% 2008, 96% avg.; 6% harvested, 7% 2008, 6% avg. Watermelons 95% planted, 99% 2008, 97% avg. Peaches 3% harvested, 3% 2008, 3% avg. Strawberries 100% harvested, 100% 2008, 100% avg. Farmers are taking advantage of the good weather and harvesting wheat and barley. Corn and Soybeans are progressing well.

MICHIGAN: Days suitable for fieldwork 5. Topsoil 3% very short, 17% short, 70% adequate, 10% surplus. Subsoil 2% very short, 10% short, 79% adequate, 9% surplus. Corn height 26 inches. Winter Wheat turning 71%, 87% 2008, 90% avg. Barley 7% poor, 36% fair, 48% good, 9% excellent. Oats 2% poor, 26% fair, 59% good, 13% excellent; 85% headed, 87% 2008, 88% avg.; turning 15%, 9% 2008, 15% avg. All hay 1% very poor, 7% poor, 22% fair, 51% good, 19% excellent. First cutting hay 82%, 85% 2008, 90% avg. Second cutting hay 13%, 16% 2008, 18% avg. Dry beans 3% very poor, 9% poor, 41% fair, 41% good, 6% excellent; 95% emerged, 83% 2008, 91% avg. Strawberries 76% harvested, 77% 2008, 85% avg. Blueberries 8% harvested, 5% 2008, 3% avg. Tart cherries 3% harvested, 6% 2008, 20% avg. Precipitation varied from 0.11 inches south west Lower Peninsula to 0.90 inches eastern Upper Peninsula. Average temperatures ranged from 6 degrees below normal eastern Upper Peninsula, and central Lower Peninsula to 8 degrees below normal northwest, southwest, and south central Lower Peninsula. Warm temperatures helped crops but some still behind. Lighter soils beginning to stress and could use a light rain. Spraying began across State for corn and soybeans. Warmer temperatures, combined with wet, cooler temperatures, continued crop progression. Wheat continued to turn yellow. Oats, barley and soybean development progressed. Oats enjoyed cooler temperatures. However, soybeans have not reached their rapid growth spurt. Corn progression and side-dressing continued. Some northern areas of State, corn did not reach ankle height by July 4. Alfalfa harvest continued. Harvest impeded in some areas due to random bouts of rain. Southeast, a second cutting of alfalfa may begin next week. Sugarbeets progressing, slowly. Re-plantings of dry beans continued where necessary. Apples 1.75 inches diameter southwest and ranged from 23 to 28 mm northwest. Apple scab infections expected to increase with recent round of rainfall. Blueberries 13 mm diameter southeast; harvest of early varieties began southwest. Peaches ranged from 1.75 inches southeast to 2 inches diameter southwest; growers thinning fruit west central. Pears ranged from 21 to 26 mm diameter northwest and 1.125 inches southeast. Plums 1 inch diameter southern Michigan and 19 mm northwest. Southeast, growers preparing to harvest summer red and black raspberries; fall red raspberries ranged from 24 to 30 inches length. Sawfly damage evident. Strawberry harvest full swing northwest; renovation began southwest. Sweet cherries ranged from 17 to 19 mm northwest, while harvest underway southwest. Brown rot and cherry leaf spot infections a concern. Tart cherries coloring southwest; 14 mm northwest. Vinifera grape bloom ended southwest; juice grapes close to berry touch northwest. Most vegetable crops benefitted from warmer, drier conditions. Across State, producers harvesting pickles, yellow squash, zucchini and cabbage fields that were under row tunnels while more fields coming into production. Growers kept busy scouting fields for cucumber beetles and downy mildew. Early planted sweet corn tasseling last week, while Grand Rapids area, some fields silking. Producers continued to monitor for European corn borer and corn earworm. Tomatoes grown under low tunnels had mature green fruit and nearly ready for harvest. Non-tunneled tomatoes have been tied twice, while some on their third tie, showing 1.5 to 2.0 inch fruit. South, potato fields full bloom, and peppers flowering; early planted peppers have set fruit. Southwest, watermelon and cantaloup flowering and developing runners; fruit softball-size. Eggplant growth had improved with warmer conditions, but slowed as temperatures cooled at week's end. On muck soils, radishes not hurt by flooding progressed well and celery continued progressing toward maturity. A few celery producers began harvest this week. Onions began bulb initiation and expansion. East central region, cole crops continued to make good progress this week with relatively little pest pressure. West central region, asparagus harvest completed in all but a few fields.

MINNESOTA: Days suitable for fieldwork 6.10. Topsoil moisture 8% very short, 23% short, 62% adequate, 7% surplus. Corn 42 in. height, 32. 2008, 43. avg. Soybeans 11 in. height, 9. 2008, 12. avg. Spring wheat 86% jointed, 90% 2008, 94% avg.; 0% ripening, 0% 2008, 5% avg. Oats % jointed, 93% 2008, 96% avg.; 4% ripening, 0% 2008, 13% avg. Barley 85% jointed, 86% 2008, 91% avg.; 1% ripening, 0% 2008, 7% avg. Alfalfa 95%

1st cutting, 96% 2008, 95% avg.; condition 2% very poor, 7% poor, 31% fair, 53% good, 7% excellent. Pasture condition 5% very poor, 9% poor, 28% fair, 52% good, 6% excellent. Potatoes condition 0% very poor, 1% poor, 21% fair, 62% good, 16% excellent. Sugarbeet condition 0% very poor, 3% poor, 26% fair, 59% good, 12% excellent. Canola condition 0% very poor, 18% poor, 59% fair, 23% good, 0% excellent. Sunflower condition 0% very poor, 10% poor, 36% fair, 47% good, 7% excellent. Dry Bean condition 1% very poor, 3% poor, 27% fair, 59% good, 10% excellent. Green pea condition 1% very poor, 3% poor, 20% fair, 64% good, 12% excellent. Clouds and below normal temperatures prevailed across much of the east Monday through Wednesday. Highs ranged from the mid-50s in the Arrowhead to the mid 70s across the southeast. Western Minnesota was relatively warmer with highs ranging from the mid 70s to low 80s. Warmer weather, particularly in the northeast, returned by week's end. Topsoil moisture remains short to very short across central Minnesota where precipitation amounts since April 1 range from 2 to over 5 inches below normal. Some oats was baled for hay last week. Alfalfa weevil remains an issue in western Minnesota. Livestock producers were turning bulls out last week.

MISSISSIPPI: Days suitable for fieldwork 6.6. Soil moisture 62% very poor, 17% short, and 21% adequate. Corn 96% silked, 95% 2008, 96% avg.; 43% dough, 59% 2008, 63% avg.; 3% dent, 3% 2008, 16% avg.; 5% silage harvested, 0% 2008, 3% avg.; 4% very poor, 15% poor, 35% fair, 40% good, 6% excellent. Cotton 100% emerged, 100% 2008, 100% avg.; 79% squaring, 75% 2008, 86% avg.; 12% setting bolls, 19% 2008, 30% avg.; 3% very poor, 9% poor, 38% fair, 44% good, 6% excellent. Peanuts 38% pegging, 27% 2008, 0% very poor, 6% poor, 52% fair, 34% good, 8% excellent. Rice 1% heading, 0% 2008, 7% avg.; 0% very poor, 8% poor, 32% fair, 56% good, 4% excellent. Sorghum 100% emerged, 100% 2008, 100% avg.; 25% heading, 45% 2008, 63% avg.; 1% turning color, 0% 2008, 2% avg.; 0% very poor, 3% poor, 50% fair, 47% good, 0% excellent. Soybeans 100% planted, 100% 2008, 100% avg.; 99% emerged, 99% 2008, 100% avg.; 74% blooming, 75% 2008, 84% avg.; 42% setting pods, 37% 2008, 54% avg.; 5% very poor 10% poor, 37% fair, 39% good, 9% excellent. Winter Wheat 100% harvested, 100% 2008, 99% avg.; 5% very poor, 7% poor, 48% fair, 36% good, 4% excellent. Hay (harvested-warm) 59%, 55% 2008, 44% avg.; 14% very poor, 10% poor, 41% fair, 25% good, 10% excellent. Sweetpotatoes 99% planted, 93% 2008, 87% avg.; 0% very poor, 3% poor, 15% fair, 65% good, 17% excellent. Watermelons 58% harvested, 67% 2008, 53% avg.; 3% very poor, 2% poor, 63% fair, 32% good, 0% excellent. Blueberries 0% very poor, 1% poor, 64% fair, 30% good, 5% excellent. Cattle 3% very poor, 8% poor, 48% fair, 35% good, 6% excellent. Pasture 24% very poor, 36% poor, 22% fair, 14% good, 4% excellent. Despite a wet spring, there are currently drought-like conditions across much of the state. Many producers are hopeful that light rains over the weekend will lead to greater precipitation for the rest of the summer.

MISSOURI: Days suitable for fieldwork 5.4. Topsoil moisture 1% very short, 14% short, 68% adequate, 17% surplus. Subsoil moisture 0% very short, 10% short, 79% adequate, 11% surplus. Alfalfa hay 2nd cutting 37%, 20% 2008, 57% normal. Other hay cut 72%, 63% 2008, 80% normal. Topsoil dryness is appearing in southern parts. A few non-irrigated fields are showing some stress in the southeast after last week's high temperatures. Wheat yields have been highly variable. Pasture condition 4% poor, 29% fair, 57% good, and 10% excellent. Stockwater supplies are adequate statewide. Temperatures were mostly 2 to 4 degrees below normal. Rainfall averaged 1.00 inches.

MONTANA: Days suitable for field work 6.4. Topsoil moisture 15% very short, 8% last year; 45% short, 38% last year; 39% adequate, 52% last year; 1% surplus, 2% last year. Subsoil moisture 13% very short, 12% last year; 46% short, 36% last year; 40% adequate, 51% last year; 1% surplus, 1% last year. Winter wheat condition 3% very poor, 1% last year; 9% poor, 8% last year; 30% fair, 49% last year; 47% good, 34% last year; 11% excellent, 8% last year. Barley condition 1% very poor, 1% last year; 8% poor, 4% last year; 31% fair, 33% last year; 46% good, 50% last year; 14% excellent, 12% last year. Spring wheat condition 2% very poor, 3% last year; 11% poor, 7% last year; 27% fair, 27% last year; 54% good, 57% last year; 6% excellent, 6% last year. Oats condition 1% very poor, 3% last year; 4% poor, 4% last year; 26% fair, 44% last year; 58% good, 43% last year; 11% excellent, 6% last year. Durum Wheat condition 1% very poor, 2% last year; 1% poor, 22% last year; 18% fair, 32% last year; 63% good, 40% last year; 17% excellent, 4% last year. Barley 74% boot, 84% last year; 28% headed, 43% last year. Camelina 96% blooming, 98% last year; 3% turning, 41% last year. Dry Peas 49% blooming, 85% last year. Durum Wheat 56% boot, 74% last year; 7% headed, 32% last year. Lentils 37% blooming, 62% last year. Oats 85% boot, 84% last year; 34% headed, 45% last year. Potatoes 89% emerged, 96% last year. Spring Wheat 68% boot stage, 87% last year; 18% headed, 34% last year. Winter Wheat 94% boot stage, 92% last year; 7% headed, 8% last year. Alfalfa hay first cutting,

52% complete, 50% last year. Other hay first cutting 47% complete, 42% last year. Montana saw high temperatures and low precipitation for the week ending July 5th. Olney had the low temperature at 34 degrees. Miles City had the high temperature at 97 degrees. Sidney received the greatest amount of precipitation with 1.81 inches last week. Range and pasture feed condition 5% very poor, 4% last year; 14% poor, 11% last year; 29% fair, 30% last year; 37% good, 38% last year; 15% excellent, 17% last year.

NEBRASKA: Days suitable for fieldwork 5.8. Topsoil moisture 1% very short, 9% short, 83% adequate, and 7% surplus. Subsoil moisture 1% very short, 7% short, 87% adequate, and 5% surplus. Corn conditions 1% very poor, 3% poor, 12% fair, 60% good, and 24% excellent; irrigated conditions 1% very poor, 3% poor, 11% fair, 61% good, and 24% excellent; dryland conditions 1% very poor, 3% poor, 12% fair, 60% good, and 24% excellent; 6% silked, 1% 2008, 9% avg. Soybean conditions 1% very poor, 2% poor, 14% fair, 62% good, and 21% excellent; 100% emerged, 99% 2008, 100% avg.; 13% blooming, 7% 2008, 25% avg. Sorghum conditions 1% very poor, 3% poor, 20% fair, 67% good, and 9% excellent; 100% planted, 100% 2008, 100% avg.; 99% emerged, 96% 2008, 98% avg.; 0% headed, 0% 2008, 0% avg.; 0% turning color, 0% 2008, 0% avg. Winter wheat conditions 2% very poor, 5% poor, 19% fair, 54% good, and 20% excellent. Wheat 93% turning color, 93% 2008, 97% avg.; 35% ripe, 28% 2008, 59% avg.; 11% harvested, 5% 2008, 31% avg. Proso millet 85% planted, 95% 2008, 93% avg. Oats conditions 0% very poor, 5% poor, 8% fair, 68% good, and 19% excellent. Oats 94% headed, 94% 2008, 96% avg.; 5% harvested, 0% 2008, 9% avg. Dry beans conditions 1% very poor, 12% poor, 20% fair, 61% good, and 6% excellent; 96% emerged, 95% 2008, 98% avg.; 0% blooming, 3% 2008, 3% avg. Alfalfa conditions rated 2% very poor, 5% poor, 20% fair, 58% good, 15% excellent; 96% 1st cutting, 97% 2008, 99% avg.; 29% 2nd cutting, 11% 2008, 41% avg. Pasture and Range conditions 1% very poor, 1% poor, 10% fair, 72% good, and 16% excellent. Wild hay conditions rated 1% very poor, 2% poor, 13% fair, 63% good, and 21% excellent. Wheat harvest is over halfway complete in the southeast and moving west. Some producers began irrigating this week. Producers were harvesting hay and applying herbicides. The cooler weather gave some relief to stressed livestock. Temperatures averaged five degrees below normal. Temperatures ranged from highs near 90 degrees to lows in the 50's across the state. Precipitation was widespread with all districts receiving over a half inch or more of rain except for the North East and Central and East Central Districts.

NEVADA: Days suitable for fieldwork 7. Warm temperatures dominated the State this week. Temperatures ranged between one to seven degrees above normal. Las Vegas recorded the highest temperature across the State reporting 108 degrees while Winnemucca was second reporting a high of 99 degrees. Ely reported the lowest temperature at 46 degrees. Ely recorded the most precipitation with 0.74 inches. Eureka was second with .43 inches. Pasture and range conditions are in fair to good condition. First cutting of alfalfa and other hay continued. Warming temperatures have improved grass growth. Cattle generally look in good condition. Creek water used for irrigation is in short supply. Main farm and ranch activities include irrigation, weed control, fertilizing, haying, equipment maintenance, and some insect control.

NEW ENGLAND: Days suitable for field work 2.4. Topsoil moisture 34% adequate, 66% surplus. Subsoil moisture 39% adequate, 61% surplus. Pasture condition 4% very poor, 16% poor, 30% fair, 46% good, 4% excellent. Maine Potatoes condition good. Rhode Island Potatoes condition N/A. Massachusetts Potatoes condition good. Maine Oats condition good. Maine Barley condition good. Field Corn 99% planted, 99% 2008, 99% average; 99% emerged, 99% 2008, 95% average; condition fair/good. Sweet Corn 95% planted, 99% 2008, 95% average; 90% emerged, 95% 2008, 90% average; condition good/fair. Shade Tobacco 100% transplanted, 100% 2008, 100% average; condition good/fair. Broadleaf Tobacco 99% transplanted, 99% 2008, 100% average; condition good/fair. First Crop Hay 70% harvested, 75% 2008, 75% average; condition fair/poor in Massachusetts and New Hampshire, good/fair elsewhere. Second Crop Hay 5% harvested, 10% 2008, 10% average; condition good/fair. Apples Fruit Set average/below average in Connecticut, average elsewhere; Fruit Size average; condition good/fair in Connecticut and New Hampshire, good elsewhere. Peaches Fruit Set average/below average in New Hampshire, average elsewhere; Fruit Size average/above average in New Hampshire, average elsewhere; condition good/fair in Connecticut, good elsewhere. Pears Fruit Set average; Fruit Size average; condition good/fair. Strawberries 80% harvested, 75% 2008, 70% average; Fruit Set average; Fruit Size average; condition good/fair. Massachusetts Cranberries Full Bloom to Petal Fall; condition good. Highbush Blueberries 5% harvested, 5% 2008, <5% average; Fruit Set average; Fruit Size average; condition good/fair in Connecticut and Maine, good elsewhere. Maine Wild Blueberries Fruit Set above average; Fruit Size average; condition good. The first part of last week was once again cool and rainy. Daytime

temperatures for the week were mostly below average, ranging in the upper 60s to low 80s. Nighttime temperatures were average, ranging in the mid-50s to low 60s. Rain fell Monday through Friday in the southern states and Monday through Saturday in the northern states. Thunderstorms raged through the area on Wednesday and Friday, providing the heaviest rainfall of the week, as well as hail and tornadoes in Connecticut and New Hampshire. Damage was reported on broadleaf and shade tobacco, peaches, and apples. Total precipitation for the week ranged from 0.56 to 4.34 inches. The holiday weekend provided the first glimpse of relief from the rain, though most locations were still too wet to complete much fieldwork. Farmers were busy finishing up vegetable and field crop planting, applying pesticides and fungicides to vegetable and fruit crops, scouting for pests, and harvesting early season vegetables and dry hay/haylage.

NEW JERSEY: Days suitable for field work 4.0. Topsoil moisture 2% short, 75% adequate and 23% surplus. Subsoil moisture 5% adequate and 25% surplus. There were measurable amounts of rainfall for the week in most localities. Temperatures were near normal for the central and south, and below normal for the north. Wheat harvest began in some localities. Some reporters in the north noted concerns about wheat quality. The sunny weather has helped with hay harvest. The delay in harvest has resulted in a loss of quantity for hay crops. Field corn began to tassel in the south. Late planting of pumpkins continued. Peaches and apples were sizing nicely. Blueberry harvest continued.

NEW MEXICO: Days suitable for fieldwork 5.7. Topsoil moisture 16% very short, 43% short, 37% adequate, 4% surplus. Wind damage 20% light, 3% moderate; 2% of cotton crop affected, 33% of winter wheat crop affected. Alfalfa 4% poor, 20% fair, 68% good, 8% excellent; 95% of the second cut completed, 34% of the third cut completed. Cotton 12% poor, 27% fair, 42% good, 19% excellent; 58% squaring, 11% setting bolls. Corn 2% poor, 19% fair, 62% good, 17% excellent; 39% silked. Irrigated sorghum 60% fair, 40% good; 4% headed. Dry sorghum 60% poor, 40% fair; 84% planted. Total sorghum 39% poor, 47% fair, 14% good; 90% planted, 1% headed. Irrigated winter wheat 9% poor, 25% fair, 55% good, 11% excellent; 84% harvested. Dry winter wheat 41% very poor, 52% poor, 7% fair; 90% harvested. Total winter wheat 25% very poor, 35% poor, 14% fair, 22% good, 4% excellent; 88% harvested. Peanuts 89% fair, 11% good; 45% pegging. Chile 42% fair, 40% good, 18% excellent. Onion 32% fair, 40% good, 28% excellent; 75% harvested. Apples 25% poor, 43% fair, 32% good with 70% light fruit set, 30% average fruit set. Pecans 24% fair, 48% good, 28% excellent with 10% light nut set, 90% average nut. Cattle 1% very poor, 29% poor, 47% fair, 14% good, 9% excellent. Sheep 16% very poor, 37% poor, 27% fair, 20% good. Range and pasture 12% very poor, 31% poor, 46% fair, 11% good.

NEW YORK: Days suitable for fieldwork 2.4. Soil moisture 50% adequate and 50% surplus. Pastures 2% poor, 16% fair, 61% good, and 21% excellent. Winter wheat condition 10% poor, 15% fair, 57% good, 18% excellent. Oats 3% poor, 13% fair, 64% good, 20% excellent. Hay 5% poor, 31% fair, 49% good, 15% excellent. Soybeans 99% planted, 100% 2008, 99% average. Dry beans 83% planted, 85% 2008, 86% average. Alfalfa 1st cutting 89%, 87% 2008. Clover-timothy hay 73% harvested, 74% 2008, 79% average. Grass silage 89% harvested, 91% 2008, 88% average. Apples 5% poor, 10% fair, 54% good, 31% excellent. Grapes 7% poor, 34% fair, 46% good, 13% excellent. Peaches 2% poor, 26% fair, 58% good, 14% excellent. Pears 3% poor, 10% fair, 51% good, 36% excellent. Sweet cherries 54% poor, 16% fair, 22% good, 8% excellent. Tart cherries 31% poor, 50% fair, 12% good, 7% excellent. Strawberries 17% poor, 37% fair, 35% good, 11% excellent. In the Lake Ontario fruit region, rain severely damaged the strawberry crop. In the Hudson Valley, fruit continues to take a hit due to excessive moisture. In Long Island vineyards, everything made it into fruit set, but clusters were generally loose. Lettuce 78% planted; Onions 100%; Sweet corn 92%; Snap beans 87%; Cabbage 94%; Tomatoes 98%. Lettuce condition 40% poor, 11% fair, 49% good. Onions 49% poor, 49% fair, 2% good. Sweet corn 4% poor, 26% fair, 64% good, 6% excellent. Temperatures were below normal throughout the state. Precipitation was above normal throughout most of New York, but below normal on Long Island. In eastern New York, severe thunderstorms hit, bringing torrential rains and flash flooding.

NORTH CAROLINA: Days suitable for fieldwork 6.5. Topsoil moisture 17% very short, 43% short, 39% adequate, 1% surplus. The majority of the state received very little rain last week, ranging from no rain to 2.13 inches in Elizabeth City. Average temperatures ranged from 63 to 82 degrees. Heat and a lack of rainfall continued to stress crops, especially corn and late planted soybeans. Activities during the week included cutting hay and harvesting potatoes.

NORTH DAKOTA: Days suitable for fieldwork 6.0. Topsoil moisture 13% short, 74% adequate, 13% surplus. Subsoil moisture 1% very short, 10%

short, 72% adequate, 17% surplus. Durum wheat 76% jointed, 83% 2008, 82% avg.; 38% boot, 59% 2008, 59% avg.; 8% headed, 36% 2008, 36% avg.; condition 2% poor, 26% fair, 66% good, 6% excellent. Spring wheat 52% booted, 82% 2008, 84% average. Barley 52% booted, 84% 2008, 85% average. Oats 59% booted, 82% 2008, 82% average. Canola 81% rosette, 93% 2008, 95% avg.; 28% blooming, 55% 2008, 71% avg.; condition 1% very poor, 1% poor, 23% fair, 57% good, 18% excellent. Dry edible peas 62% flowering, 78% 2008, average not available; condition 20% fair, 75% good, 5% excellent. Flaxseed 12% blooming, 29% 2008, 45% avg.; condition 3% poor, 31% fair, 61% good, 5% excellent. Dry edible beans 2% blooming, 5% 2008, 16% avg.; condition 2% very poor, 3% poor, 20% fair, 61% good, 14% excellent. Potatoes 10% blooming, 20% 2008, 36% avg.; condition 7% very poor, 10% poor, 25% fair, 46% good, 12% excellent. Sugarbeets condition 3% very poor, 5% poor, 25% fair, 58% good, 9% excellent. Sunflowers 98% emerged, 100% 2008, 99% avg.; condition 1% poor, 14% fair, 74% good, 11% excellent. Pasture and range conditions 2% very poor, 5% poor, 19% fair, 64% good, 10% excellent. Stockwater supplies 2% short, 87% adequate, 11% surplus. First cutting alfalfa 54% complete, 50% 2008, 65% average. Hay condition 1% very poor, 5% poor, 26% fair, 59% good, 9% excellent. Broadleaf spraying 88% complete and wild oats spraying 92% complete. Below normal precipitation across much of the state allowed for increased field activities while small grain crop development made good progress. Field activities included scouting for insects and disease, haying and finishing up spraying.

OHIO: Days suitable for fieldwork 4.8. Soil moisture 1% very short, 15% short, 74% adequate, 10% surplus. Hay 1% very poor, 7% poor, 28% fair, 49% good, 15% excellent. Livestock condition 0% very poor, 1% poor, 15% fair, 68% good, 16% excellent. Corn 1% very poor, 4% poor, 18% fair, 53% good, 24% excellent; silked (tasseled) 2%, 1% 2008, 5% avg. Oats 0% very poor, 3% poor, 33% fair, 53% good, 11% excellent; 95% headed, 99% 2008, 97% avg.; ripe 6%, 10% 2008, 10% avg. Pasture and Range 1% very poor, 2% poor, 30% fair, 54% good, 13% excellent. Soybeans 1% very poor, 4% poor, 23% fair, 55% good, 17% excellent; blooming 16%, 10% 2008, 24% avg. Strawberries 0% very poor, 3% poor, 23% fair, 58% good, 16% excellent; 95% harvested. 95% 2008, 96% avg. Winter wheat 1% very poor, 4% poor, 20% fair, 50% good, 25% excellent; ripe 61%, 58% 2008, 69% avg.; 17% harvested, 3% 2008, 24% avg. Alfalfa hay second cutting 51%, 25% 2008, 34% avg. Other hay first cutting 93%, 84% 2008, 93% avg.; second cutting 20%, 9% 2008, 16% avg. Peaches 1% harvested, 0% 2008, 4% avg. Apples % summer varieties harvested 10%, 2% 2008, 7% avg.

OKLAHOMA: Days suitable for fieldwork 6.2. Topsoil moisture 25% very short, 41% short, 34% adequate, 0% surplus. Subsoil moisture 18% very short, 44% short, 38% adequate, 0% surplus. Wheat plowed 50% this week, 20% last week, 41% last year, 47% average. Rye condition 33% very poor 33% poor, 20% fair, 14% good; 99% harvested this week, 80% last week, 94% last year, 87% average; 44% plowed this week, N/A last week, 41% last year, 49% average. Oats condition 20% very poor 19% poor, 39% fair, 20% good 2% excellent; 98% harvested this week, 75% last week, 86% last year, 83% average; 51% plowed this week, N/A last week, 37% last year, 47% average. Corn condition 9% poor, 27% fair, 30% good, 34% excellent; 56% silking this week, 35% last week, 43% last year, 51% average. Sorghum emerged 59% this week, 50% last week, 53% last year, 72% average. Soybeans condition 9% poor, 35% fair, 52% good, 4% excellent; 98% planted this week, 92% last week, 77% last year, 83% average; 88% emerged this week, 82% last week, 66% last year, 75% average; blooming 12% this week, N/A last week, N/A last year, 15% average. Peanuts 100% emerged this week, 100% last week, 100% last year, 100% average. Cotton 89% emerged this week, 90% last week, 100% last year, 98% average. Alfalfa hay condition 2% very poor, 9% poor, 39% fair, 43% good, 7% excellent; 2nd cutting 93% this week, 73% last week, 95% last year, 90% average; 3rd cutting 13% this week, 0% last week, 46% last year, 33% average. Other hay condition 5% very poor, 17% poor, 40% fair, 33% good, 5% excellent; 1st cutting 72% this week, 66% last week, 68% last year, 76% average. Watermelons running 92% this week, 91% last week, 95% last year, 99% average; setting fruit 66% this week, 55% last week, 69% last year, 83% average. Livestock condition 5% poor, 34% fair, 55% good, 6% excellent. Pasture and range condition 3% very poor, 8% poor, 38% fair, 45% good, 6% excellent. Livestock Prices for feeder steers less than 800 pounds averaged \$102 per cwt. Prices for heifers less than 800 pounds averaged \$96 per cwt. Livestock conditions continued to rate in the mostly good to fair range. Average livestock Marketings were reported last week.

OREGON: Days suitable for fieldwork 6.8. Topsoil moisture 10% very short, 41% short, 48% adequate, 1% surplus. Subsoil moisture 10% very short, 32% short, 55% adequate, 3% surplus. Alfalfa Hay 92% first cutting, 95% 2008, 63% avg.; 22% second cutting, 37% 2008, 26% average. Spring Wheat 90% headed, 91% 2008, 90% avg.; Condition 6% very poor, 13% poor, 34% fair,

40% good, 7% excellent. Winter Wheat Condition 9% very poor, 21% poor, 37% fair, 30% good, 3% excellent. Corn Condition 0% very poor, 2% poor, 17% fair, 68% good, 13% excellent. Barley Condition 0% very poor, 5% poor, 41% fair, 46% good, 8% excellent. Range, Pasture 2% very poor, 7% poor, 31% fair, 50% good, 10% excellent. Weather Conditions were very warm with little moisture reported. High temperatures ranged from 101 degrees in Echo, Hermiston, down to 62 degrees in Crescent City. Low temperatures ranged from 34 degrees in Christmas Valley, to 56 degrees in Ontario. Only nine of the forty three stations reported a measurable amount of precipitation last week. The Joseph station reported the most with 0.50 total inches. Field Crops Lots of haying activity underway after plenty of dry weather. Grass seed harvest continued, including swathing of tall fescue, annual ryegrass, bluegrass seed, crimson clover. Red clover was in various stages of early bloom. Wheat was turning color in some areas but still has some green tinges in fields in north central Oregon. Alfalfa first cutting was nearly complete with second cutting just getting underway. Vegetables Good growing weather for vegetables throughout the week. Irrigation has been ongoing. Farmers markets were busy with abundant local produce. Fruits, Nuts; Sweet cherry harvest continued this week, fruit quality was reportedly excellent. Growers in Wasco County are in the middle of Bing cherry harvest. In Washington County Royal Ann, black cherries were ready for harvest. Strawberry harvest was ending while blueberry, caneberry harvest was underway. Early varieties of raspberries, blackberries were ripe. Routine summer orchard operations continued in the Hood River Valley; elsewhere in the State pear orchards seemed to be in good condition. Vineyards were looking good. Yamhill County reported that unseasonably hot weather put more water demand on fruit, nut trees. A good rain would be welcome for crops. Nurseries, Greenhouses; Greenhouses continued with clean-up, maintenance activities such as placing hanging baskets. Nurseries were still busy with potted, balled, burlaped stock. Livestock, Range, Pasture; Livestock across the state continue to do well. Pastures in the Eastern part of the State held up well despite the high temperatures last week. Livestock in the western part of the State were moved to irrigated pastures or higher ranges as pastures dried up.

PENNSYLVANIA: Days suitable for fieldwork 4. Soil moisture 3% short, 78% adequate, 19% surplus. Corn crop condition 1% very poor, 3% poor, 15% fair, 57% good, 24% excellent. Corn height 35 inches, 36 inches 2008, 44 inches avg. Soybean crop condition 3% poor, 18% fair, 58% good, 21% excellent; 96% planted, 99% 2008, 100% avg.; 89% emerged, 85% 2008, 94% avg. Wheat crop condition 1% very poor, 7% poor, 29% fair, 49% good, 14% excellent; turning yellow 96% complete, 98% 2008, 98% avg.; ripe 69% complete, 64% 2008, 69% avg.; 14% harvested, 19% 2008, 25% avg. Barley ripe 94% complete, 98% 2008, 97% avg.; 85% harvested, 80% 2008, 80% avg. Oat crop condition 2% poor, 17% fair, 60% good, 21% excellent; 93% heading, 86% 2008, 88% avg.; yellow 7% complete, 12% 2008, 19% avg. Alfalfa crop conditions 1% very poor, 2% poor, 12% fair, 66% good, 19% excellent; second cutting 43% complete, 37% 2008, 45% avg. Timothy clover crop condition is 1% poor, 18% fair, 67% good, 14% excellent; clover first cutting 87% complete, 81% 2008, 84% avg.; second cutting 8% complete, 6% 2008, 7% avg. Quality of hay made 2% very poor, 12% poor, 28% fair, 46% good, 12% excellent. Peach crop conditions 7% poor, 7% fair, 54% good, 32% excellent. Apple crop conditions 4% fair, 56% good, 40% excellent. Pasture conditions 3% very poor, 4% poor, 22% fair, 49% good, 22% excellent. Favorable weather conditions seemed to be hit-or-miss across the state. Primary field activities included haymaking, harvesting, spraying, planting double-crop soybeans, and baling straw. The wheat harvest is starting to take place, while the barley harvest is rapidly approaching completion. The cherry and peach harvest has begun, with the first sweet corn soon ready, and pumpkins being planted as weather conditions allow.

SOUTH CAROLINA: Days suitable for fieldwork 6.5. Soil moisture 15% very short, 52% short, 33% adequate, 0% surplus. Corn 0% very poor, 6% poor, 45% fair, 40% good, 9% excellent. Soybeans 0% very poor, 0% poor, 55% fair, 45% good, 0% excellent. Tobacco 0% very poor, 2% poor, 49% fair, 46% good, 3% excellent. Hay 0% very poor, 0% poor, 18% fair, 80% good, 2% excellent. Peaches 0% very poor, 3% poor, 43% fair, 54% good, 0% excellent. Snapbeans, fresh 0% very poor, 0% poor, 40% fair, 60% good, 0% excellent. Cucumbers, fresh 0% very poor, 0% poor, 25% fair, 75% good, 0% excellent. Watermelons 0% very poor, 0% poor, 33% fair, 67% good, 0% excellent. Tomatoes, fresh 0% very poor, 3% poor, 3% poor, 16% fair, 81% good, 0% excellent. Cantaloupes 0% very poor, 0% poor, 53% fair, 47% good, 0% excellent. Livestock condition 0% very poor, 2% poor, 24% fair, 73% good, 1% excellent. Corn silked (tasseled 99%, 88% 2008, 93% avg.; 34% doughed, 28% 2008, 40% avg. Soybeans 99% planted, 98% 2008, 98% avg.; 92% emerged, 85% 2008, 92% avg.; bloomed 3%, 3% 2008, 8% avg. Winter wheat 100% harvested, 99% 2008, 97% avg. Oats 100% harvested, 100% 2008, 96% avg. Tobacco topped 75%, 38% 2008, 57% avg.; 10% harvested, 2% 2008, 3% avg. Hay other hay 35%, 30% 2008, 34% avg. Peaches 38% harvested, 40% 2008, 36% avg. Snapbeans, fresh harvested 88%, 89% 2008, 86% avg. Cucumbers, fresh harvested 97%, 98% 2008, 96% avg. Watermelons 48% harvested, 48% 2008, 51% avg. Tomatoes, fresh harvested 75%, 63% 2008, 70% avg. Cantaloupes 60% harvested, 53% 2008, 62% avg. South Carolina producers saw very little rainfall again this past week. Dry conditions have continued for nearly two weeks in several areas of the State. Warm, sunny weather allowed many producers to complete grain harvesting and get their last soybeans planted, however many crop conditions declined rapidly as moisture supplies declined. South Carolina's soil moisture ratings continued to decline and were 15% very short, 52% short, and 33% adequate. Nearly all corn had tasseled and 34% had continued to dough this past week. The lack of rain

has put the corn crop under a great deal of stress and yields are likely to decline rapidly if rain does not arrive soon. Tobacco continued to progress ahead of schedule for this time of year. Seventy-five percent of the crop had been topped and 10% had been harvested. Sunny days helped growers to complete winter wheat and oat harvesting for 2009. Forty-nine percent of cotton had squared. Ninety-two percent of soybeans had emerged; the crop continued to bloom at a somewhat delayed pace. Half of the peanut crop had pegged. Growers harvested cucumbers at a rapid pace this past week. Tomatoes harvested made significant gains as well. Watermelon and cantaloupe harvesting continued at a steady pace. Thirty-eight percent of peaches had been harvested.

SOUTH DAKOTA: Days suitable for fieldwork 4.7. Topsoil moisture 3% very short, 26% short, 64% adequate, 7% surplus. Subsoil moisture 6% very short, 28% short, 63% adequate, 3% surplus. Winter wheat turning color 73%, 57% 2008, 81% avg.; ripe 0%, 1% 2008, 21% avg. Barley in boot 96%, 88% 2008, 97% avg.; 71% headed, 57% 2008, 82% avg.; turning color 4%, 4% 2008, 17% avg.; 4% poor, 25% fair, 59% good, 12% excellent. Oats in boot 98%, 93% 2008, 98% avg.; turning color 5%, 11% 2008, 24% avg.; ripe 0%, 0% 2008, 2% avg. Spring wheat in boot 96%, 97% 2008, 99% avg.; turning color 5%, 3% 2008, 22% avg.; ripe 0%, 0% 2008, 1% avg. Corn cultivated or sprayed once 92%, 95% 2008, 98% avg.; cultivated or sprayed twice 39%, 43% 2008, 61% avg. Average corn height (inches) 25 in., 24 in. 2008, 35 in. avg. Corn tasseled 0%, 0% 2008, 3% avg. Sorghum 97% emerged, 94% 2008, 94% avg. Sunflower 97% planted, 99% 2008, 98% avg.; 15% poor, 20% fair, 57% good, 8% excellent. Alfalfa hay 1st cutting harvested 88%, 76% 2008, 85% avg.; 2nd cutting harvested 9%, 5% 2008, 14% avg.; 2% very poor, 9% poor, 19% fair, 57% good, 13% excellent. Other hay 47% harvested, 46% 2008, 51% avg. Feed supplies 4% short, 89% adequate, 7% surplus. Stock water supplies 4% short, 86% adequate, 10% surplus. Cattle condition 2% poor, 16% fair, 62% good, 20% excellent. Sheep condition 1% poor, 14% fair, 61% good, 24% excellent. Corn development advanced with the warmer weather last week, while soybeans still remain slow to develop.

TENNESSEE: Days suitable for fieldwork 6. Topsoil moisture 17% very short, 26% short, 54% adequate, and 3 surplus. Subsoil moisture 12% very short, 24% short, 60% adequate, and 4% surplus. Wheat 97% harvested, 98% 2008, 97% average. Pastures 6% very poor, 14% poor, 27% fair, 46% good, 7% excellent. The finishing touches to the 2009 wheat harvest and soybean planting highlighted the farm activities this past week. Other farm activities included pesticide applications, hay harvest and scouting cotton and corn fields. Despite the dry spell, most crops remained in fair-to-good condition. Tobacco diseases have been detected in some fields. Crop growth and development was near a stand-still until the late week's rainfall. Some areas of the State missed this past weekend's rainfall and are becoming very dry. Temperatures across the state averaged below normal last week. Rainfall amounts averaged near to above normal across the state.

TEXAS: Top soil moisture was mostly very short to adequate across the state. Wheat condition was mostly very poor to fair. Oat condition was mostly very poor to fair. Cotton condition was mostly fair to good statewide. Corn condition was mostly fair to good statewide. Sorghum condition was mostly very poor to fair statewide. Peanut condition was mostly fair to good statewide. Rice condition was mostly fair to good statewide. Soybean condition was mostly fair to good statewide. Range and Pasture condition was mostly very poor to fair statewide. The Plains and the Edwards Plateau received up to 2 inches of rainfall, while isolated showers brought up to 5 inches to specific areas. The rest of the state experienced scattered showers receiving up to 0.5 inches of moisture. Wheat harvest neared completion in the Plains. In the High Plains, cotton blooming progressed slowly. Dryland cotton planting continued in the Edwards Plateau while irrigated cotton progressed well. In South Texas, cotton boll setting continued, corn progressed well under heavy irrigation, peanuts have emerged, and watermelon harvest was active. Irrigated corn in the Northern High Plains was in the pre-tassel stage and grain sorghum planting neared completion. Corn in the Blacklands was turning color and ready to harvest. Much corn in South Central Texas was baled for hay. Grain sorghum was heading out in the Northern Low Plains and Blacklands. Supplemental feeding of livestock continued in localized parts of the state. Pastures and hay meadows suffered due to hot, dry conditions across the state. Producers continued to cut hay across the state.

UTAH: Days suitable for field work 6. Subsoil moisture 0% very short, 16% short, 83% adequate, 1% surplus. Irrigation water supplies 6% very short, 12% short, 81% adequate, 1% surplus. Winter wheat 5% harvested, condition 0% very poor, 9% poor, 17% fair, 58% good, 16% excellent. Spring wheat 51% headed, 72% 2008, 82% avg.; 0% very poor, 2% poor, 20% fair, 58% good, 20% excellent. Barley 85% headed, 79% 2008, 85% avg.; harvested (grain) 0%. Barley condition 0% very poor, 0% poor, 9% fair, 71% good, 20% excellent. Oats 73% headed, 53% 2008, 61% avg.; harvested for Hay or Silage 42%, 44% 2008. Corn silked (tasseled) 2%. Corn condition 0% very poor, 1% poor, 14% fair, 65% good, 20% excellent. Corn height 26 inches, 24 inches 2008, 27 inches avg. Alfalfa height 15%, 26% 2008, 25% avg. Alfalfa Hay 1st Cutting 93%, 86% 2008, 95% avg. Alfalfa hay 2nd Cutting 7%. Other Hay Cut 64%, 66% 2008, 68% avg. Cattle and calves condition 0% very poor, 0% poor, 11% fair, 77% good, 12% excellent. Sheep condition 0% very poor, 0% poor, 9% fair, 77% good, 14% excellent. Stock water supplies 1% very short, 12% short, 86% adequate, 1% surplus. Apricots 48% harvested, 9% 2008, 27% avg. Sweet cherries 60% harvested, 3% 2008, 45% avg. Tart cherries 25% harvested, 0% 2008, 13% avg.

The state of Utah had another week of warmer and dryer temperatures with even fewer showers. Small grains look to be having a good year. Livestock around the state continues to do well. Box Elder County reports a drier week with a few isolated thundershowers in some areas. Temperatures for the week were in the low to mid 90's. The major activity this week was getting the final acres of first crop hay baled and hauled. Much of first crop was lost or damaged, and will go for feeder hay. Some producers reported just chopping the black windrows, and blowing them back onto the fields to allow second crop to grow. Producers report heavy infestations of weevil in the hay as cutting was delayed in some fields due to wet weather. Crops continue to progress towards harvest. Some of the fall barley and fall wheat are beginning ripen. Farmers are busy irrigating corn and alfalfa. The corn has really started to grow with more sunshine and warmer weather. It has changed color from a yellow cast to a healthy dark green. Producers in some areas of the county are spraying or preparing to spray due to a large number of grasshoppers that are hatching. Cache County farmers have enjoyed a very busy week in the fields. Most alfalfa hay has been harvested, though it is too old for maximum quality. Grass hay is also being harvested with exceptional yields resulting from the cool wet spring. A few warm days have really helped the corn growth. Growers have been cultivating and spraying herbicides so corn can be irrigated this week. Small grains continue to look good. Some will be harvested in a few weeks without any irrigation this year. Safflower is starting to branch and looks very good. There is evidence of some grasshoppers this week. Cereal leaf beetle and alfalfa weevil problems appear to have run their course. Morgan County reports the 2nd crop hay harvest will be later than normal because the rain prolonged the 1st crop hay harvest. The majority of 1st crop hay was damaged by rain. Tooele County reports that the spraying for grasshoppers did not have a significant effect, possibly due to all the rainfall around the time they sprayed. Weber County reports crops are growing well, and there are high hopes of a 2nd crop hay harvest without rain. Carbon County reports many hay growers have been waiting for dry weather to put up hay; so much of 1st crop hay got cut this week. The Growth rate of crops has started to pick up with warmer nighttime temperatures. Emery County reports some rain showers this past week continued to cause problems with completing 1st cutting of alfalfa. All irrigated crops are doing very well. Many reservoirs in the area are nearing capacity, or water is flowing over spillways. Mountain pastures are in excellent condition with all of the rain over the past month. Sevier County reports on-going major problems with grasshoppers, on range and cropland. Box Elder County reports that both cattle and sheep are doing well on summer ranges. Cache County reports livestock are somewhat troubled by flies and mosquitoes, but are all doing well on pastures and rangelands. Carbon County reports summer range looks really good this season.

VIRGINIA: Days suitable for fieldwork 5.9. Topsoil moisture 1% very short, 23% short, 68% adequate, 8% surplus. Subsoil moisture 15% short, 78% adequate, 7% surplus. Pasture 1% very poor, 2% poor, 22% fair, 58% good, 17% excellent. Livestock 1% very poor, 3% poor, 17% fair, 64% good, 15% excellent. Hay Other 1% very poor, 8% poor, 24% fair, 51% good, 16% excellent. Hay Alfalfa 2% poor, 23% fair, 57% good, 18% excellent. Corn 31% silked, 31% 2008; 35% 5-yr avg.; 2% dough; 1% 2008; 2% 5-yr avg.; condition 2% very poor, 4% poor, 19% fair, 50% good, 25% excellent. Soybeans 90% planted, 85% 2008; 88% 5-yr avg.; 80% emerged, 73% 2008; 76% 5-yr avg.; 3% blooming, 3% 5-yr avg.; condition 1% poor, 17% fair, 69% good, 13% excellent. Winter wheat 87% harvested; 84% 2008; 77% 5-yr avg. Barley 96% harvested, 99% 2008; 97% 5-yr avg. Flue-cured tobacco 4% poor, 23% fair, 69% good, 4% excellent. Burley tobacco 1% fair, 84% good, 15% excellent. Dark fire-cured tobacco 6% poor, 30% fair, 64% good. Peanuts 30% pegged, 42% 2008; 31% 5-yr avg.; 12% condition, fair, 76% good, 12% excellent. Cotton 39% squaring, 49% 2008; 58% 5-yr avg.; condition 2% poor, 29% fair, 56% good, 13% excellent. Summer Potatoes 20% harvested, 34% 2008; 18% 5-yr avg.; condition 10% fair, 68% good, 22% excellent. Summer Apples 10% harvested, 4% 2008; 3% 5-yr avg.; All Apples 1% poor, 22% fair, 75% good, 2% excellent. Peaches 3% poor, 31% fair, 64% good, 2% excellent. Grapes 16% fair, 84% good. Oats 1% poor, 39% fair, 60% good. Wheat and barley harvest neared completion this week, as producers made the most of continued clear, dry weather. Several producers are planting their double cropped soybeans as soon as small grain harvest is complete. Days suitable for fieldwork were 5.9. Both hayfields and pastureland remain in overall good condition, and farmers are finishing either their first or second cuttings, depending on the extent of setback from previous rainfall. Tobacco producers have started making insecticide applications to treat hornworm outbreaks, and in some areas, are preparing for irrigation activities. Both soybeans and corn are coming along well, with adequate topsoil moisture aiding in soybean germination, although some crops are nearing a critical stage for moisture. Near week's end, scattered rainfall across some areas of State benefitted early planted row crops, but more rain is needed to assist in overall crop development.

WASHINGTON: Days suitable for fieldwork 7.0. Topsoil moisture 12% very short, 63% short and 25% adequate. Reports from grain growing counties indicate winter wheat is quickly turning. High temperatures late in the week will

likely have an effect on grain filling and quality. Conditions continued hot and dry in the central part of the State and there were fears that spring wheat harvest in these areas would be hurt. The first cutting of hay was nearly complete and second was going down in several areas. Whitman County reported dry peas were in bloom, and Grant County reported fresh pea harvest continued while Timothy hay harvest was about done. Franklin County reported late season sweet corn was being planted. Christmas tree growers worried the extreme temperatures would result in "annual needle necrosis" in Noble fir. In the Yakima Valley and many other counties, cherry harvest continued as Bing harvest extends to the upper Yakima Valley and Rainier cherry harvest started in the lower Yakima Valley. Hops in many hop yards have crested the trellis system. Blueberry, raspberry and summer squash harvest continued throughout the County. In Pacific County, cranberry growers were encouraged by good fruit development with recent warmer conditions. Range and pasture conditions 3% very poor, 12% poor, 40% fair, 37% good and 2% excellent. On the west side, shellfish growers continued seeding operations for both clams and oysters, along with the harvest of market sized product. On the east side, Klickitat County reported valley pastures are holding up well and cattle were doing fine.

WEST VIRGINIA: Days suitable for field work 4. Topsoil moisture 5% short, 85% adequate and 10% surplus compared with 66% adequate and 34% surplus last year. Corn conditions 2% poor, 24% fair, 68% good, and 6% excellent; 97% emerged, 2008 and 5 yr-avg. not available. Corn silked 7%, 3% 2008, 5-yr avg. not available. Soybean conditions 21% fair, 78% good, and 1% excellent; 98% planted, 99% 2008, and 5-yr avg. not available. Soybeans 88% emerged, 87% 2008, and 5-yr avg. not available. Soybeans were 3% blooming, 4% in 2008, and 5-yr avg. not available. Winter wheat conditions 8% poor, 52% fair and 40% good; harvested for grain was 52%, 35% 2008, 30% 5-yr avg. Oat conditions 5% poor, 34% fair, 58% good and 3% excellent; 87% headed, 83% 2008, 77% 5-yr avg.; 10% harvested, 2008 and 5-yr. avg. not available. Hay was reported 4% poor, 30% fair, 59% good and 7% excellent. Hay first cutting is 79% complete, 75% in 2008, 81% 5-yr avg. Apple conditions 45% fair, 54% good and 1% excellent. Peaches 46% fair, 53% good and 1% excellent. Cattle and calves were 1% poor, 18% fair, 77% good and 4% excellent. Sheep and lambs were 1% poor, 11% fair, 85% good and 3% excellent. Farming activities included making hay and harvesting oats and wheat. The state continues to experience nice weather, allowing for substantial progression in crop maturity and harvesting.

WISCONSIN: Days suitable for fieldwork 5.7. Topsoil moisture 5% very short, 25% short, 67% adequate, and 3% surplus. Temperatures were 3 to 6 degrees below normal. Average high temperatures ranged from 71 to 75 degrees across the state. Lows averaged from 56 to 60 degrees for the week. Precipitation ranged from 0.02 inches in Madison and Eau Claire to 0.12 inches in Milwaukee. Average corn height was 36 inches. Oats 84% headed was complete. First cutting hay was 97% complete. Second cutting hay was 19% complete. Cool temperatures helped slow crop progress this past week. In spite of very little precipitation around the state, crops look good overall.

WYOMING: Days suitable for field work 5.7. Topsoil moisture 9% short, 87% adequate, 4% surplus. Subsoil moisture 1% very short, 13% short, 85% adequate, 1% surplus. Barley 88% jointed, 81% previous week, 94% 2008, 96% avg.; 67% boot, 55% previous week, 65% 2008, 81% avg.; 42% headed, 28% previous week, 43% 2008, 61% avg.; 11% turning color, 3% previous year, 18% avg. Oats 79% jointed, 68% previous week, 88% 2008, 91% avg.; 58% boot, 42% previous week, 57% 2008, 72% avg.; 37% headed, 21% previous week, 36% 2008, 46% avg. Spring Wheat 89% planted, 89% previous week, 100% 2008, 100% avg.; 87% emerged, 85% previous week, 100% 2008, 100% avg.; 62% jointed, 54% previous week, 95% 2008, 96% avg.; 44% boot, 33% previous week, 70% 2008, 80% avg.; 21% headed, 13% previous week, 38% 2008, 58% avg. Winter Wheat 93% headed, 89% previous week, 95% 2008, 98% avg.; 51% turning color, 21% previous week, 57% 2008, 77% avg.; 3% mature, 6% previous year, 26% avg. Dry Beans 93% emerged, 78% previous week, 88% 2008, 96% avg.; 14% bloom, 3% previous week, 21% 2008, 15% avg. Corn 4% tasseled, 2% 2008, 1% avg.; average height 19.0 inches, 14.0 inches previous week. Alfalfa harvested 55% first cutting, 34% previous week, 53% 2008, 66% avg.; 1% second cutting, 0% 2008, 1% avg. Other hay harvested 17% total cut, 10% previous week, 19% 2008, 22% avg. Barley condition 10% fair, 79% good, 11% excellent. Oats condition 14% fair, 84% good, 2% excellent. Spring wheat condition 18% fair, 79% good, 3% excellent. Winter wheat condition 8% fair, 91% good, 1% excellent. Sugarbeets condition 1% poor, 12% fair, 85% good, 2% excellent. Dry beans condition 10% fair, 90% good. Corn condition 6% fair, 94% good. Range and pasture conditions 18% fair, 61% good, 21% excellent. Stock water supplies 3% short, 89% adequate, 8% surplus. Some areas had insect damage in hay and pasture. Hail damage reported in one county. Sunshine in other area helped crops a lot. Activities haying, planting spring wheat.

International Weather and Crop Summary

June 28 - July 4, 2009

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

HIGHLIGHTS

FSU-WESTERN: Unseasonably warm, dry conditions continued from the eastern half of Ukraine into the Southern District in Russia, helping early winter grain harvesting but stressing spring-sown crops.

FSU-NEW LANDS: Showers eased persistent dryness in the Urals District in Russia, while dry weather continued to prevail across major spring grain producing areas in north-central Kazakhstan.

EUROPE: Locally heavy showers persisted in eastern growing areas, boosting prospects for vegetative to reproductive summer crops.

AUSTRALIA: Widespread rain helped winter grain and oilseed establishment across western and southeastern Australia.

EAST ASIA: Rainfall in the northeast and throughout the south benefited summer crop development, while dry weather continued on much of the North China Plain.

SOUTHEAST ASIA: Seasonal showers continued to benefit summer crops across the region.

SOUTH ASIA: The monsoon advanced over central and eastern portions of the subcontinent, but had yet to reach northernmost crop districts.

ARGENTINA: Rain returned to eastern winter wheat areas, but western farming areas stayed unfavorably warm and dry.

BRAZIL: Locally heavy showers lingered over the southern wheat belt, increasing moisture for crop establishment.

CANADA: Cool, showery weather overspread the Prairies, but many western production areas continued to experience problems with drought.

MEXICO: Beneficial rain continued across the southern plateau corn belt and in the monsoon areas of west-central Mexico.

June 2009

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

*** DATA NOT AVAILABLE

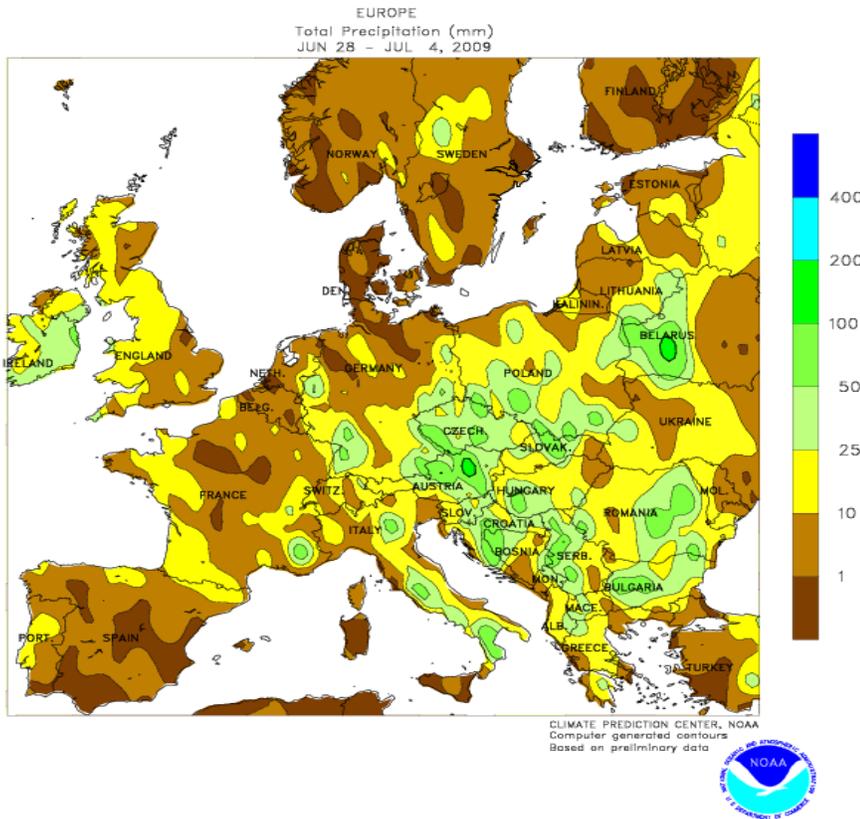
COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
	AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	F/NRM	TOTAL	DPART F/NRM
NORWAY OSLO	19	8	31	3	14	0.2	36	-39
FINLAN HELSINKI	18	10	29	2	14	-0.7	16	-33
UKINGD ABERDEEN	16	9	21	4	12	0.3	58	2
LONDON	22	12	31	8	17	1.4	31	-14
IRELAN DUBLIN	18	9	25	4	13	0	66	5
ICELAN REYKJAVIK	***	***	17	6	***	***	***	***
DENMAR COPENHAGEN	19	11	27	6	15	0.3	93	41
LUXEMB LUXEMBOURG	21	12	29	5	16	1.1	80	6
SWITZE ZURICH	22	13	29	8	17	1.4	185	49
GENEVA	24	13	31	9	19	1.8	94	3
FRANCE PARIS/ORLY	22	12	30	8	17	0.2	56	10
STRASBOURG	24	13	31	7	18	1.1	58	-20
BOURGES	24	13	31	9	18	1.4	66	7
BORDEAUX	26	15	34	11	20	2.4	78	13
TOULOUSE	27	16	34	11	21	2.6	40	-27
MARSEILLE	29	17	34	13	23	2.1	45	19
SPAIN VALLADOLID	28	13	36	7	21	2.8	18	-16
MADRID	32	16	39	11	24	2.8	17	-7
SEVILLE	34	20	41	13	27	2.3	5	-10
PORTUG LISBON	28	18	37	15	23	3.3	50	32
GERMAN HAMBURG	19	10	26	2	15	-0.9	54	-22
BERLIN	21	12	28	5	17	-0.5	76	6
DUSSELDORF	21	11	29	5	16	-0.1	60	-21
LEIPZIG	20	11	27	4	16	-0.6	58	-5
DRESDEN	19	12	26	5	15	-0.8	75	-4
STUTT GART	21	12	28	8	17	0.5	94	12
NURNBERG	21	11	28	5	16	-0.5	69	-5
AUGSBURG	20	10	28	5	15	-0.5	100	8
AUSTRI VIENNA	23	13	32	8	18	0.4	187	125
INNSBRUCK	22	11	32	5	17	0.7	103	-12
CZECHR PRAGUE	20	11	26	4	15	-0.4	96	24
POLAND WARSAW	21	12	30	4	16	-0.1	134	63
LODZ	20	11	29	2	16	-0.5	160	94
KATOWICE	21	11	28	4	16	-0.3	119	39
HUNGAR BUDAPEST	24	14	33	8	19	0.1	78	21
YUGOSL BELGRADE	26	16	35	10	21	0.7	172	78
ROMANI BUCHAREST	29	13	35	6	21	0	91	13
BULGAR SOFIA	26	13	33	7	19	0.8	51	-20
ITALY MILAN	30	17	34	12	24	2.7	26	-43
VERONA	29	16	34	10	23	1.6	53	-47
VENICE	***	***	29	11	***	***	100	21
GENOA	26	19	31	16	23	1.2	8	-46
ROME	27	17	31	13	22	0.6	52	27
NAPLES	***	***	33	14	***	***	***	***
GREECE THESSALONIKA	29	18	34	15	23	-0.8	37	6
LARISSA	32	16	39	13	24	-0.6	7	-15
ATHENS	31	21	37	18	26	0.5	0	-6
TURKEY ISTANBUL	28	19	34	16	24	2.1	6	-22
ANKARA	28	10	33	5	19	2	20	-14
CYPRUS LARNACA	32	21	38	17	27	2.1	0	-1
ESTONI TALLINN	17	9	26	0	13	-1	91	29
RUSSIA ST.PETERSBURG	19	12	27	5	15	-0.6	110	49
LITHUA KAUNAS	19	11	27	5	15	-0.7	107	19
BELARU MINSK	21	13	30	6	17	0.2	184	98
RUSSIA KAZAN	25	15	34	9	20	2.1	38	-32
MOSCOW	22	13	29	7	17	0.2	48	-38
YEKATERINBURG	23	13	34	6	18	1.2	33	-32
OMSK	22	12	33	5	17	-1.1	58	6
KAZAKH KUSTANAY	26	13	37	1	20	0.1	4	-41
RUSSIA BARNAUL	19	10	28	4	14	-3.2	59	7
KHABAROVSK	21	12	25	8	16	-1.3	153	76
VLADIVOSTOK	16	11	26	7	13	0	179	59
UKRAIN KIEV	26	15	33	9	21	2.3	63	-13
LVOV	22	12	29	5	17	0.7	133	41
KIROVOGRAD	28	15	36	8	21	2.6	41	-29
ODESSA	26	18	31	13	22	2.1	15	-33
RUSSIA SARATOV	28	17	35	10	22	3.1	24	-35
UKRAIN KHARKOV	28	16	34	8	22	2.9	44	-19
RUSSIA VOLGOGRAD	30	17	36	9	23	2.4	8	-23
ASTRAKHAN	31	18	36	10	25	1.5	0	-27

Based on Preliminary Reports

June 2009

COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)				COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)			
	AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	F/NRM	TOTAL	F/NRM	AVG MAX		AVG MIN	HI MAX	LO MIN	AVG	F/NRM	TOTAL	F/NRM		
ORENBURG	30	14	37	9	22	1.7	21	-16		JOHANNESBURG	17	6	21	-1	12	1.5	16	9	
KAZAKH TSELINOGRAD	25	13	33	6	19	-0.6	16	-29		BETHAL	18	3	23	-7	11	1.6	37	21	
KARAGANDA	24	11	33	2	17	-1.8	10	-20		DURBAN	24	13	30	7	18	1.4	10	-12	
UZBEKI TASHKENT	31	16	36	9	24	-1.9	21	11		CAPE TOWN	19	10	26	4	14	1.5	126	28	
TURKME ASHKHABAD	35	20	39	12	28	-0.8	2	-5		CANADA TORONTO	22	13	31	7	18	-0.3	70	-4	
SYRIA DAMASCUS	36	16	40	11	26	1.7	0	***		MONTREAL	23	13	31	5	18	-0.2	74	-10	
PAKIST KARACHI	36	29	40	27	32	0.7	2	-3		WINNIPEG	22	9	30	-5	16	-1.4	63	-22	
INDIA AMRITSAR	41	24	45	21	33	0.9	3	-63		REGINA	22	7	32	-2	15	-1.7	0	-73	
NEW DELHI	41	28	44	23	35	1.3	25	-57		SASKATOON	22	8	32	-2	15	-1.1	83	25	
AHMEDABAD	40	28	42	23	34	1.0	6	-111		LETHBRIDGE	22	5	29	-3	13	-1.9	65	4	
INDORE	37	25	40	21	31	0.7	93	-60		CALGARY	20	7	27	-1	13	-0.5	43	-37	
CALCUTTA	37	28	40	23	32	2.0	86	-229		EDMONTON	22	9	29	2	16	0.0	12	-70	
VERAVAL	33	28	35	24	30	0.8	200	20		VANCOUVER	22	13	26	9	17	2.2	11	-43	
BOMBAY	34	28	35	24	31	1.3	220	-227		MEXICO GUADALAJARA	***	***	34	14	***	***	102	-50	
POONA	34	24	37	20	29	1.5	115	-43		TLAXCALA	24	13	28	9	19	0.0	7	-145	
BEGAMPET	37	24	40	20	30	0.9	67	-46		ORIZABA	26	17	29	15	22	0.9	160	-236	
VISHAKHAPATNAM	34	28	40	23	31	0.8	122	16		BERMUD ST GEORGES	27	23	28	21	25	-0.5	351	229	
MADRAS	39	28	41	26	34	1.3	17	-63		BAHAMA NASSAU	32	24	33	22	28	0.9	255	76	
MANGALORE	30	24	34	22	27	0.2	538	-433		CUBA HAVANA	31	22	33	18	27	-0.2	150	5	
HONGKO HONG KONG INT	32	27	34	24	30	1.2	188	-213		JAMAIC KINGSTON	32	26	33	23	29	0.1	47	-10	
N KORE PYONGYANG	27	17	33	10	22	0.7	86	2		P RICO SAN JUAN	32	25	34	23	29	0.7	263	174	
S KORE SEOUL	27	19	32	15	23	0.3	134	-4		GUADEL RAIZET	31	24	31	22	27	-0.4	129	42	
JAPAN SAPPORO	22	15	31	11	18	1.8	52	-1		MARTIN LAMENTIN	31	25	32	22	28	0.6	209	65	
NAGOYA	28	20	32	15	24	1.5	242	38		BARBAD BRIDGETOWN	31	26	32	24	28	0.8	68	-15	
TOKYO	26	20	32	16	23	1.1	230	65		TRINID PORT OF SPAIN	32	24	34	20	28	1.3	121	-115	
YOKOHAMA	25	20	30	16	22	1.0	221	16		COLOMB BOGOTA	19	10	22	5	14	0.9	64	-3	
KYOTO	29	20	33	15	24	0.9	136	-88		VENEZU CARACAS	33	26	35	25	30	2.7	9	-43	
OSAKA	29	21	32	16	25	1.4	123	-78		F GUIA CAYENNE	31	24	33	22	27	1.4	463	25	
THAILA PHITSANULOK	33	23	35	22	28	-1.1	166	-14		BRAZIL FORTALEZA	29	23	30	21	26	-1.5	138	34	
BANGKOK	34	26	36	22	30	0.4	219	70		RECIFE	29	23	29	21	26	-0.6	244	-59	
MALAYS KUALA LUMPUR	34	25	35	21	30	2.1	148	20		CAMPO GRANDE	25	15	30	7	20	-1.3	76	38	
VIETNA HANOI	35	27	39	22	31	1.0	242	14		FRANCA	23	14	26	6	18	-0.6	29	4	
CHINA HARBIN	24	15	30	10	19	-1.4	179	102		RIO DE JANEIRO	25	17	31	11	21	-0.7	43	-7	
HAMI	33	16	38	8	25	-0.2	2	-5		LONDRINA	22	10	26	2	16	-0.8	82	-26	
LANCHOW	***	***	30	13	***	***	***	***		SANTA MARIA	19	8	28	1	13	-1.3	77	-111	
BEIJING	32	20	40	16	26	1.3	99	20		TORRES	19	11	24	4	15	-4.5	41	-103	
TIENTSIN	31	21	38	16	26	1.1	166	97		PERU LIMA	20	17	24	15	19	0.4	0	-2	
LHASA	26	12	30	5	19	3.0	36	-37		BOLIVI LA PAZ	14	-6	16	-9	4	-1.3	0	-6	
KUNMING	26	17	29	13	21	1.4	171	-9		CHILE SANTIAGO	15	4	26	-2	10	1.3	89	20	
CHENGCHOW	35	23	42	19	29	3.0	51	-11		ARGENT IGUAZU	20	10	25	2	15	-1.6	77	-91	
YECHANG	32	23	37	19	28	3.4	202	56		FORMOSA	21	9	31	4	15	-1.7	22	-44	
HANKOW	32	25	38	19	28	2.5	307	84		CERES	21	7	30	0	14	0.9	1	-30	
CHUNGKING	30	23	37	19	26	0.5	264	91		CORDOBA	19	5	30	-1	12	1.2	0	-12	
CHIHKIANG	31	22	36	16	27	2.2	91	-118		RIO CUARTO	18	4	26	-3	11	1.0	0	-19	
WU HU	32	23	38	18	27	2.4	402	207		ROSARIO	18	4	22	-4	11	0.1	1	-38	
SHANGHAI	30	23	36	18	27	2.8	168	-5		BUENOS AIRES	16	5	21	-4	10	-0.2	19	-35	
NANCHANG	32	25	37	19	28	2.5	223	-83		SANTA ROSA	16	2	20	-3	9	1.0	0	-20	
TAIPEI	32	25	37	21	29	0.6	248	-81		TRES ARROYOS	13	4	17	-6	9	0.8	57	22	
CANTON	32	25	37	23	29	1.1	276	0		MARSHA MAJURO	30	27	31	25	29	1.2	91	-184	
NANNING	33	25	36	19	29	0.7	158	-49		NEW CA NOUMEA	24	19	27	16	21	0.4	118	2	
CANARY LAS PALMAS	25	19	28	17	22	0.6	0	-1		FUJI NAUSORI	26	20	31	18	23	-0.1	154	12	
MOROCC CASABLANCA	***	20	37	18	***	***	3	0		SAMOA PAGO PAGO	29	25	31	24	27	0.5	93	-58	
MARRAKECH	35	18	42	14	26	2.9	9	6		TAHITI PAPEETE	30	24	32	22	27	1.8	66	2	
ALGERI ALGER	31	17	43	14	24	2.4	0	-11		PNEWGU PORT MORESBY	29	25	32	22	27	0.6	53	17	
BATNA	33	13	37	8	23	-0.1	0	-16		NZEALA AUCKLAND	14	7	18	0	10	***	62	***	
TUNISI TUNIS	32	20	36	16	26	2.0	0	-11		WELLINGTON	11	7	16	-1	9	***	50	***	
NIGER NIAMEY	38	27	44	23	33	1.1	38	-38		AUSTRA DARWIN	31	21	33	16	26	0.2	0	-1	
MALI TIMBUKTU	42	29	47	24	35	0.9	8	-9		BRISBANE	20	11	23	4	16	-0.1	135	81	
BAMAKO	36	24	41	21	30	1.2	103	-26		PERTH	19	9	25	3	14	-0.1	133	-15	
MAURIT NOUAKCHOTT	34	23	43	19	29	2.2	13	12		CEDUNA	18	9	23	2	13	1.3	58	30	
SENEGA DAKAR	29	24	35	21	26	1.0	1	-14		ADELAIDE	16	9	19	4	12	0.6	81	25	
LIBYA TRIPOLI	34	21	43	16	28	0.7	0	-1		MELBOURNE	15	6	18	2	11	0.6	29	-9	
BENGHAZI	32	20	39	16	26	-0.1	0	***		WAGGA	14	7	17	-1	10	1.6	67	20	
EGYPT CAIRO	36	24	41	18	30	2.5	0	***		CANBERRA	12	4	16	-5	8	1.4	66	28	
ASWAN	42	27	45	23	34	0.9	0	0		INDONE SERANG	33	23	35	22	28	0.2	32	-55	
ETHIOP ADDIS ABABA	24	13	29	11	18	1.1	42	-76		PHILIP MANILA	31	26	33	23	29	-1.0	404	152	
KENYA NAIROBI	25	13	28	10	19	1.2	38	8											
TANZAN DAR ES SALAAM	31	21	33	19	26	1.6	11	-24											
GABON LIBREVILLE	29	24	33	20	26	0.7	27	8											
TOGO LOME	31	25	33	21	28	1.7	244	-35											
BURKIN OUAGADOUGOU	35	26	40	20	31	1.0	142	35											
COTE D ABIDJAN	31	25	34	21	28	1.6	729	230											
MOZAMB MAPUTO	27	15	34	7	21	1.1	25	13											
ZAMBIA LUSAKA	25	10	28	6	17	0.7	0	-1											
S AFRI PRETORIA	20	8	25	0	14	1.8	29	23											

Based on Preliminary Reports



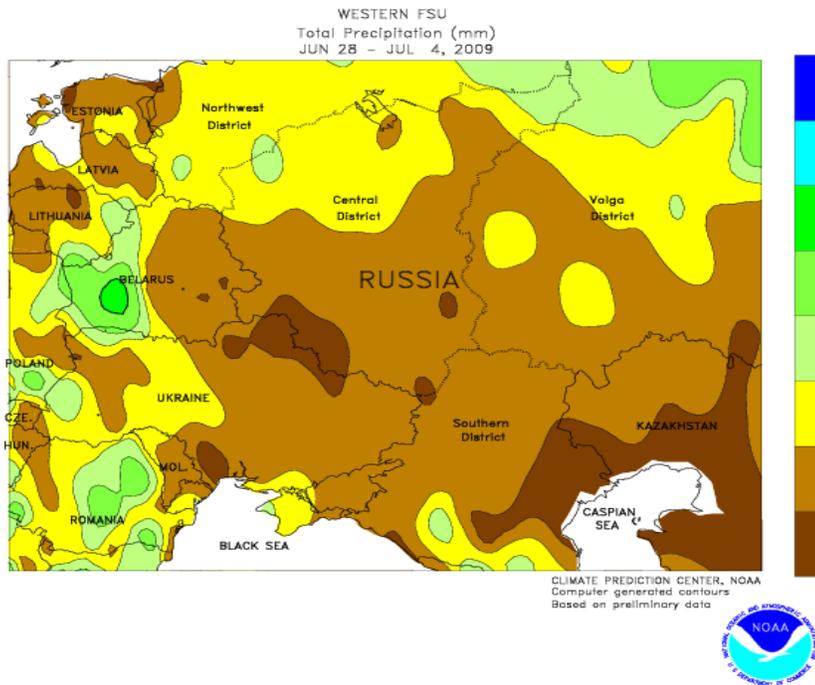
EUROPE

Wet weather persisted over eastern Europe, while dry, hot conditions prevailed on the Iberian Peninsula. A series of weak disturbances triggered locally heavy showers and thunderstorms (10-70 mm, locally more) from southern Germany eastward into Poland and the Balkans; the rainfall boosted prospects for vegetative to reproductive summer crops but was too late to significantly benefit late-filling winter wheat and rapeseed. Showers were also reported in Italy, with up to 50 mm of rain easing irrigation demands for tasseling corn. Showers were scattered and lighter (trace to 40 mm) in northern Europe, where prospects are generally favorable for maturing winter crops. Despite daytime highs in excess of 35 degrees C in western France, 10 to 30 mm of rain eased crop stress and maintained adequate soil moisture for vegetative corn. On the Iberian Peninsula, however, sunny skies and daytime highs in the lower to middle 30s (degrees C) maintained high irrigation requirements for irrigated corn and sunflowers following a much-drier-than-normal June.

MEXICO

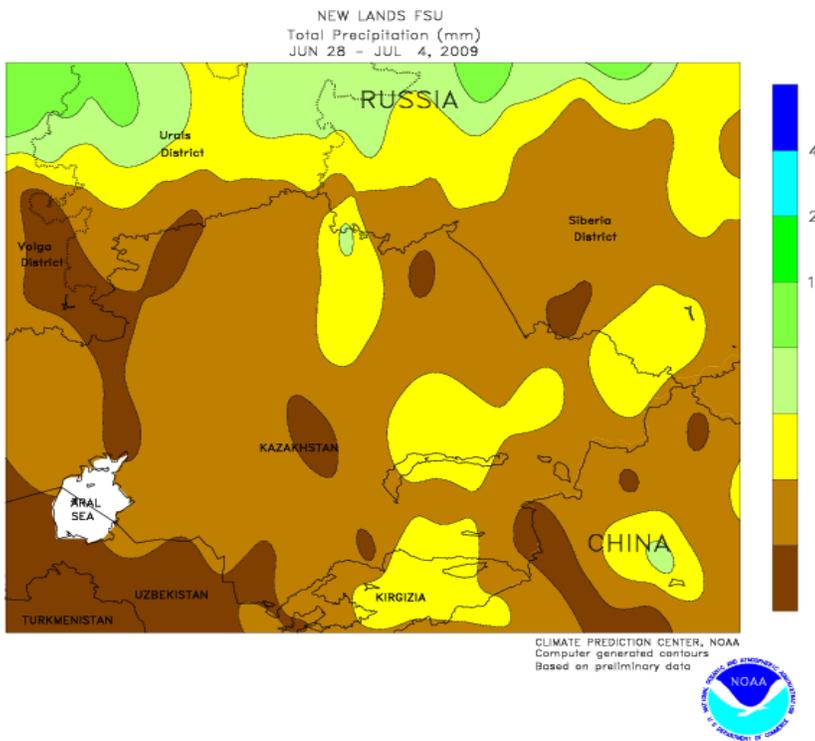
Moderate to heavy rain (25-50 mm or more) benefited corn and other rain-fed summer crops across the southern plateau. It was the third week of seasonal rains throughout the south, including farming areas along the southern Pacific Coast (Guerrero to Chiapas). Showers have also gradually increased over the Yucatan Peninsula. Elsewhere, warm, mostly dry weather hastened development of winter sorghum in the northeast but unseasonable rain (10-25 mm, locally exceeding 50 mm) fell in parts of the northwest, including the winter wheat areas of Sonora, possibly disrupting the late stages of harvesting. Monsoon showers (10-50 mm or more) continued in the west-central Mexico, with locally heavy rain (greater than 100 mm) continuing in coastal areas of Nayarit and Jalisco.





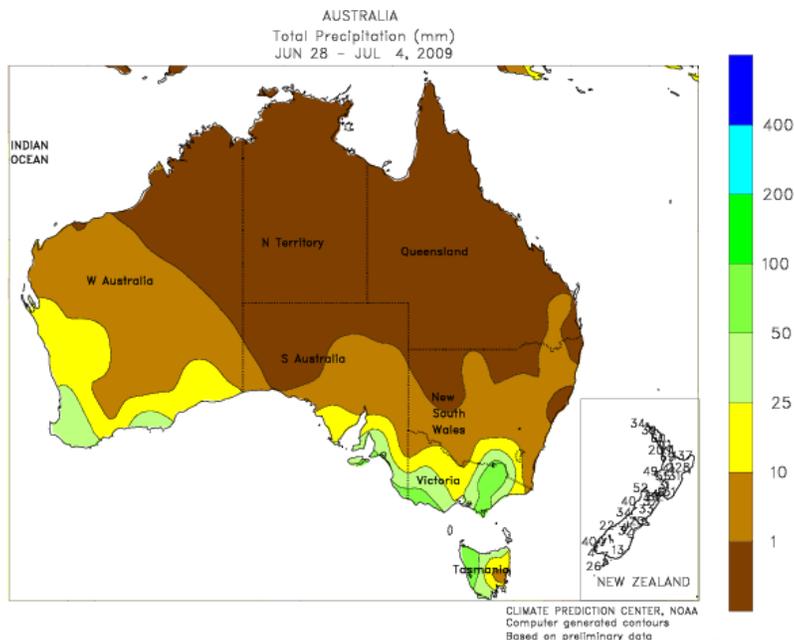
FSU-WESTERN

Unseasonably warm, dry weather continued from the eastern half of Ukraine into the Southern District in Russia, helping early winter grain harvesting but further stressing filling spring grains and vegetative summer crops. Daily maximum temperatures in these areas ranged from 29 to 36 degrees C. Across the remainder of Russia, scattered showers (4-25 mm) and below-normal temperatures in the Volga District brought some relief to parched crop areas. Although dry weather prevailed throughout most of the Central District, adequate soil moisture favored filling winter grains and reproductive spring sown crops. Elsewhere, light showers (10 mm or more) in western Ukraine maintained adequate to abundant moisture conditions for crop development. In Belarus, locally heavy rain (50-100 mm) kept soils saturated in the west, while dry weather prevailed across the eastern half of the country. Weekly temperatures across the region averaged as high as 5 degrees C above normal in western Ukraine to as low as 5 degrees C below normal in the Volga District.



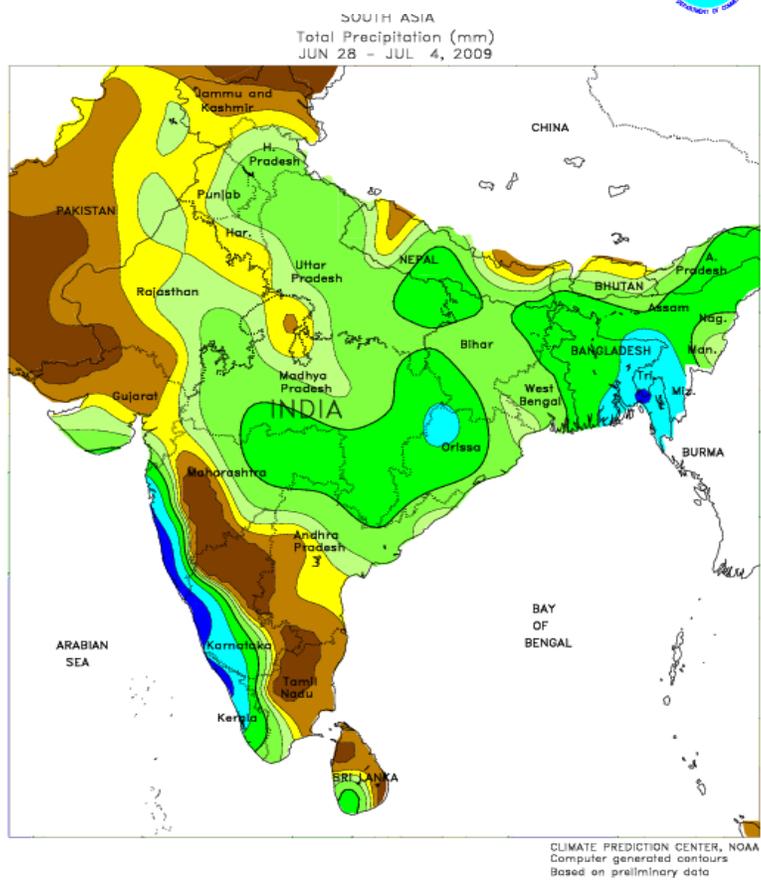
FSU-NEW LANDS

In Russia, light to moderate showers (5-25 mm or more) helped to ease prolonged dryness in the Urals District, improving moisture conditions for jointing spring grains. Drier weather prevailed farther east in the Siberia District, where adequate soil moisture favored crop development. In Kazakhstan, the sixth consecutive week of mostly dry weather further reduced soil moisture for spring grains, in or nearing reproduction. Weekly temperatures averaged 2 to 6 degrees C below normal across Russia and Kazakhstan, lowering crop-water requirements but slowing crop development. In cotton producing areas of Central Asia, below-normal temperatures slowed crop development and reduced seasonal demands on water for irrigation. Weekly temperatures average 2 to 4 degrees C below normal.



AUSTRALIA

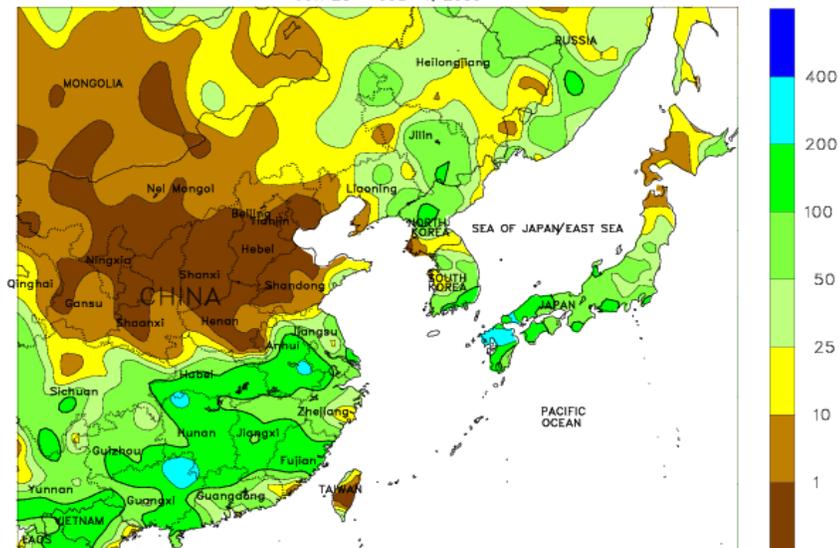
Widespread rains (7-40 mm) maintained adequate to abundant topsoil moisture across western and southeastern Australia, helping winter grain and oilseed establishment. Drier, relatively warm weather (less than 3 mm) overspread northern New South Wales and southern Queensland, aiding fieldwork and accelerating winter wheat development. In eastern and southern Australia temperatures averaged about 1 to 3 degrees C above normal, while in Western Australia temperatures were generally seasonable.



SOUTH ASIA

The monsoon advanced further into central India, while northern growing areas received beneficial showers unrelated to the monsoon. Strong westerly winds aloft (above 15,000 ft) remained entrenched over northern India, inhibiting the monsoon's advancement into key cotton and sugarcane areas of northern India. However, a series of upper-air disturbances triggered up to 85 mm of rain in eastern portions of Punjab and Haryana as well as central and western Uttar Pradesh, providing topsoil moisture for producers anxious to begin sowing summer crops. As of July 6, satellite imagery indicated the nearly-stationary leading edge of the monsoon extended from central Uttar Pradesh southwestward along the Madhya Pradesh-Rajasthan border into eastern and southern Gujarat. Farther east, soybean and cotton areas of Madhya Pradesh and eastern Maharashtra received seasonable rainfall (50-120 mm), providing moisture for summer crop planting and establishment. Rice areas of eastern India and Bangladesh also benefited from a resurgence of the monsoon, with many areas reporting moderate to heavy rain (50-235 mm) during the past week. However, several stations in southeastern Bangladesh saw rainfall totals in excess of 200 mm (one report of 493 mm), causing flooding and damage to infrastructure and standing crops.

EASTERN ASIA
Total Precipitation (mm)
JUN 28 - JUL 4, 2009



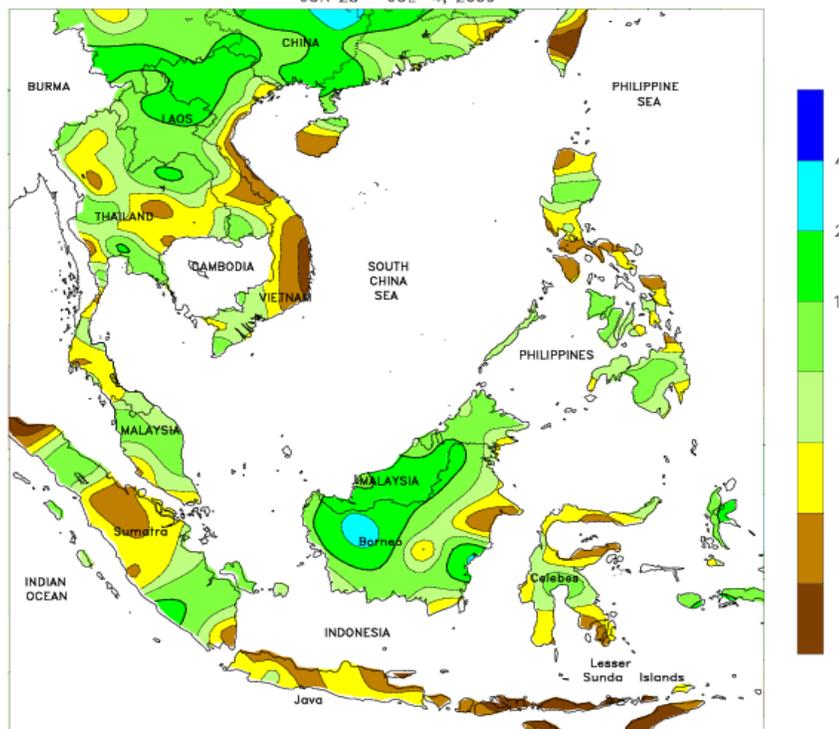
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data



EAST ASIA

Rainfall prevailed throughout the northeast and south, while dry weather continued on the North China Plain. Mid-latitude cyclones continued to sweep through Manchuria, bringing widespread showers (10-100 mm) early in the week to emerging and vegetative grains and oilseeds. The added moisture maintained a near-saturated soil profile in Heilongjiang, a key producer of corn, soybeans, and single-crop rice, while soil moisture in Jilin and Liaoning was adequate to abundant. By mid-week, however, warmer, sunnier weather aided crop establishment and development while also easing some of the excessive wetness occurring in parts on Manchuria. Meanwhile, the persistent progression of mid-latitude cyclones across the northeast has prevented monsoon rains from moving onto much of the North China Plain. Across Hebei, Henan, and Shandong, hot, dry weather once again prevailed with maximum temperatures approaching 40 degrees C. In many parts of Hebei and Shandong, in fact, only 10 mm of rain has accumulated over the last 2 weeks. The prolonged dryness and heat has increased dependency on irrigation to maintain normal crop development. In contrast, 25 to over 100 mm of rain occurred in Anhui and Jiangsu as moisture laden air from the south moved into these provinces. Similarly, heavy showers (25-200 mm) in the Yangtze Valley and across southern China boosted moisture supplies for vegetative summer crops in addition to maturing single-crop rice.

SOUTHEAST ASIA
Total Precipitation (mm)
JUN 28 - JUL 4, 2009

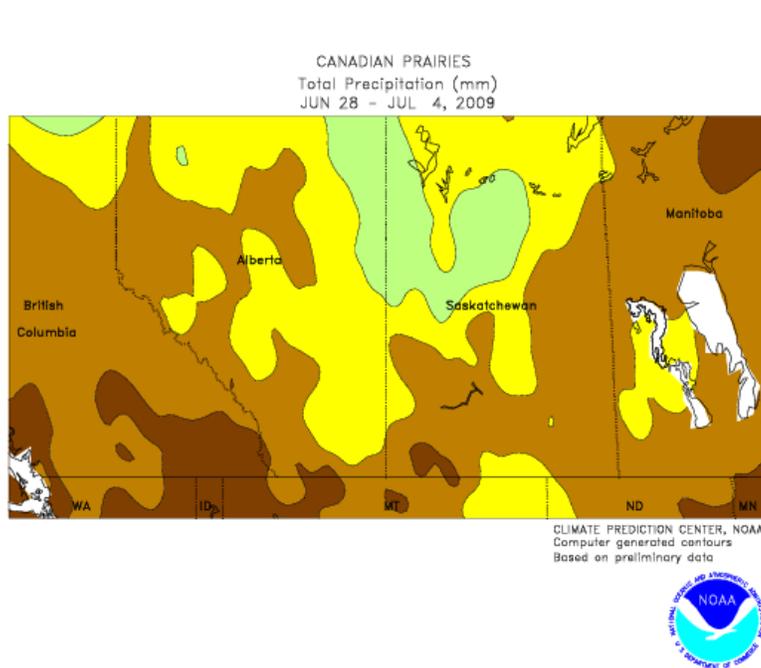


CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data



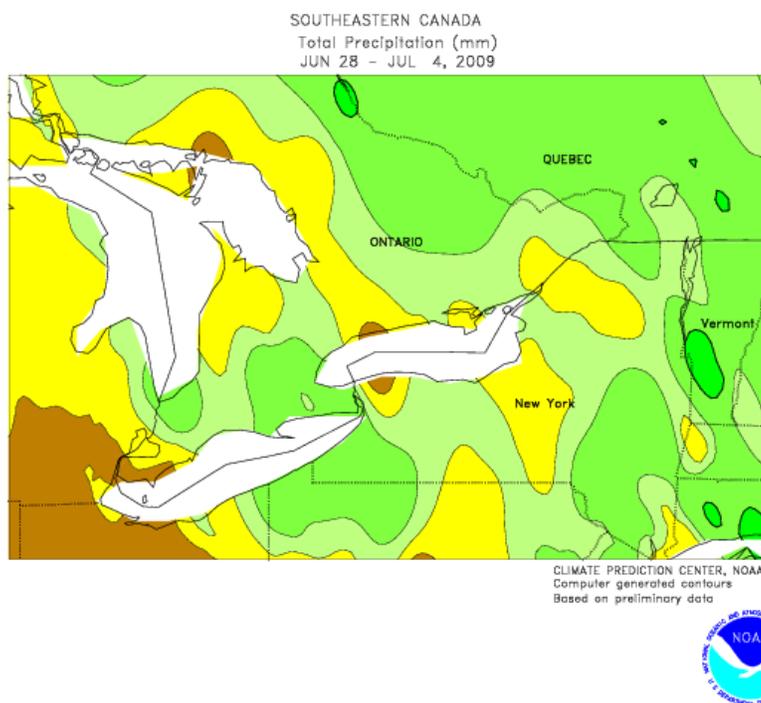
SOUTHEAST ASIA

The monsoon remained well established across Indochina, with rainfall amounts in Thailand ranging from 10 to as much as 100 mm. Soil moisture was favorable for the rainfed corn and rice crops in Thailand. Similarly in southern Vietnam, 25 to 50 mm of rainfall along with adequate irrigation supplies maintained good summer-autumn rice prospects. Meanwhile, after weeks of flooding across portions of the Philippines, more seasonable rainfall amounts (10-100 mm) prevailed. The somewhat drier weather eased severe wetness in the northern and central growing areas, while maintaining favorable soil moisture for rice and corn. In oil palm areas of Malaysia and Indonesia, rainfall continued to increase with 25 to 200 mm occurring in growing areas on the island of Borneo, and 10 to 100 mm of rain on Peninsular Malaysia and Sumatra, Indonesia.

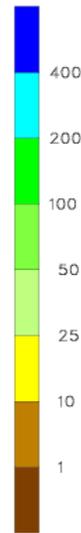
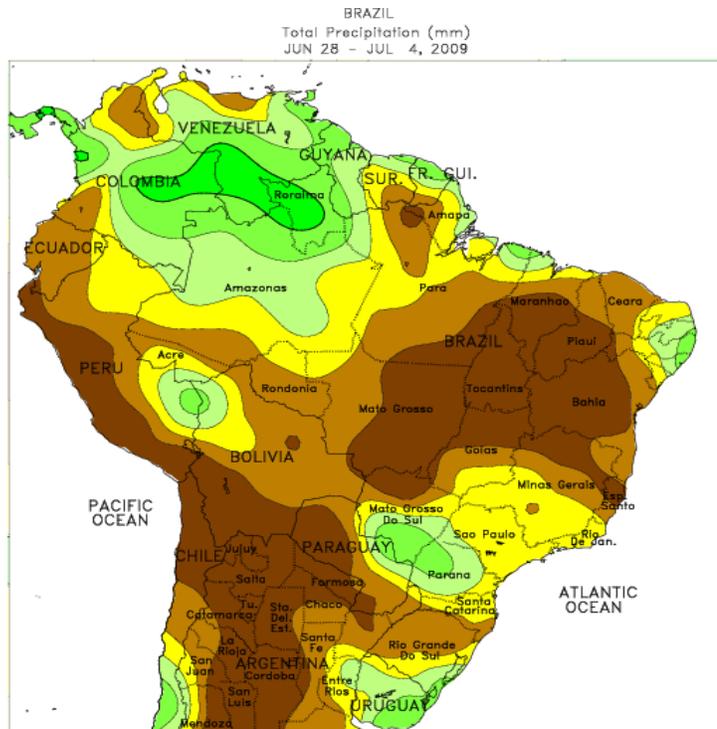


CANADA

On the Prairies, cool, showery weather maintained a generally slow rate of spring crop growth without significantly improving long-term drought conditions in western farming areas. The heaviest rain (10-40 mm) fell in Alberta's central and northern growing areas and in northwestern sections of Saskatchewan, marking the third week of near- to above-normal rainfall in some locations. However, while boosting topsoil moisture for establishment of spring grains and oilseeds, below-normal temperatures (1-3 degrees C below normal, with highs in the lower 20s degrees C) accompanied the rainfall, putting crops farther behind in development. Cool weather also prevailed in the eastern Prairies and Alberta's Peace River Valley, although rain was generally scattered and light. Above-normal temperatures (highs reaching the lower 30s degrees C) were confined to the southwestern Prairies.



In eastern Canada, cool, wet weather (temperatures averaging 1-2 degrees C below normal, with rainfall locally exceeding 50 mm) maintained generally favorable moisture levels for summer crops and pastures in the main production areas of Ontario and Quebec, but may have resulted in some lodging to maturing winter wheat. An exception was in extreme southwestern Ontario, where drier conditions prevailed for a second week after a period of heavy rain. Highs only briefly reached the middle and upper 20s degrees C, and warmer weather would be welcome to boost development rates of summer crops and pastures.

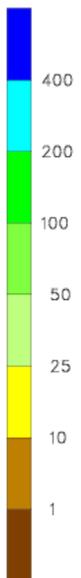
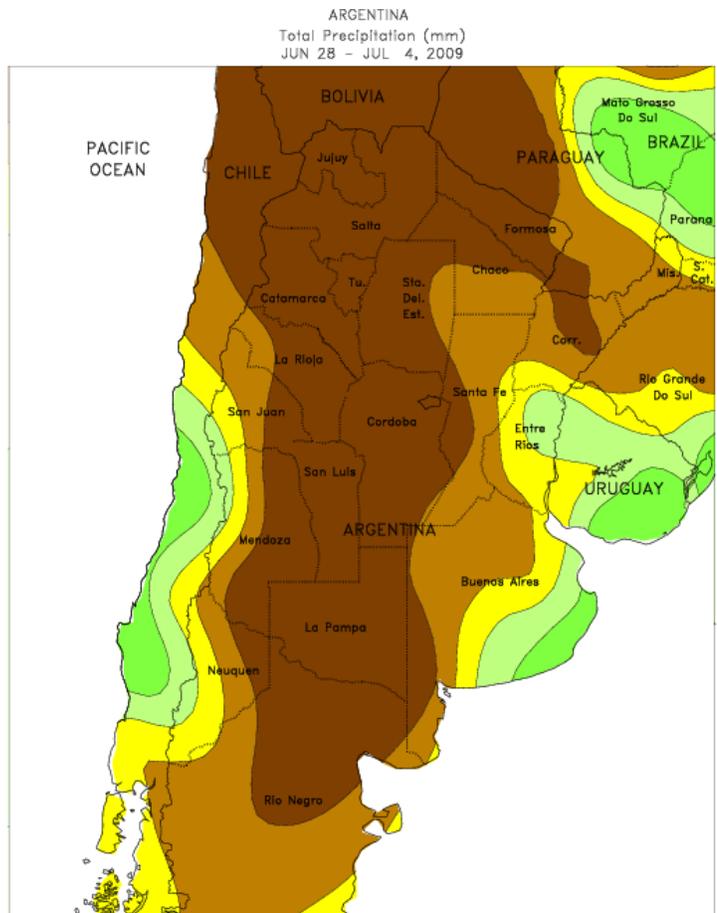


CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data



BRAZIL

Beneficial rain continued in sections of southern Brazil, further increasing moisture reserves for vegetative development of winter wheat. The heaviest rain (25-50 mm or more) was recorded in Parana and southern growing areas of Mato Grosso do Sul, with lower amounts in Rio Grande do Sul (less than 10 mm). Temperatures averaged 1 to 2 degrees C above normal in these areas, with highs reaching the middle 20s degrees C; freezing temperatures were confined to the traditionally cooler high-elevation areas outside of the main agricultural districts. Farther north, unseasonable rain (10-25 mm) likely hampered fieldwork in sugarcane, citrus, and coffee areas of the southeast (Sao Paulo and southern Minas Gerais) but warm, seasonably dry weather dominated Brazil's central interior, aiding cotton harvesting and other seasonal fieldwork. In contrast, moderate showers (10-50 mm) increased moisture reserves for sugarcane and other crops along Brazil's northeastern tip.



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



ARGENTINA

Beneficial rain (10-25 mm or more) returned to eastern farming areas of Buenos Aires and Entre Rios, providing needed moisture for emerging winter grains. However, unfavorable dryness persisted elsewhere, maintaining generally poor prospects for winter wheat and barley establishment and sustaining planting delays caused by the lingering long-term drought. Temperatures averaged 1 to 2 degrees C above normal in the east, including the aforementioned eastern farming areas where rain fell, and 2 to 4 degrees C above normal in the drier central and western sections of the country. Freezing temperatures (-3 to 0 degrees C) occurred at midweek throughout the main winter wheat areas of central Argentina, temporarily slowing germination and emergence. According to Argentina's ministry of agriculture (SAGPyA), wheat planting continued to lag the normal pace due to the affects of the nationwide drought, although summer crop harvesting was nearing completion. Corn was 94 percent harvested as of July 2, comparable to last year.

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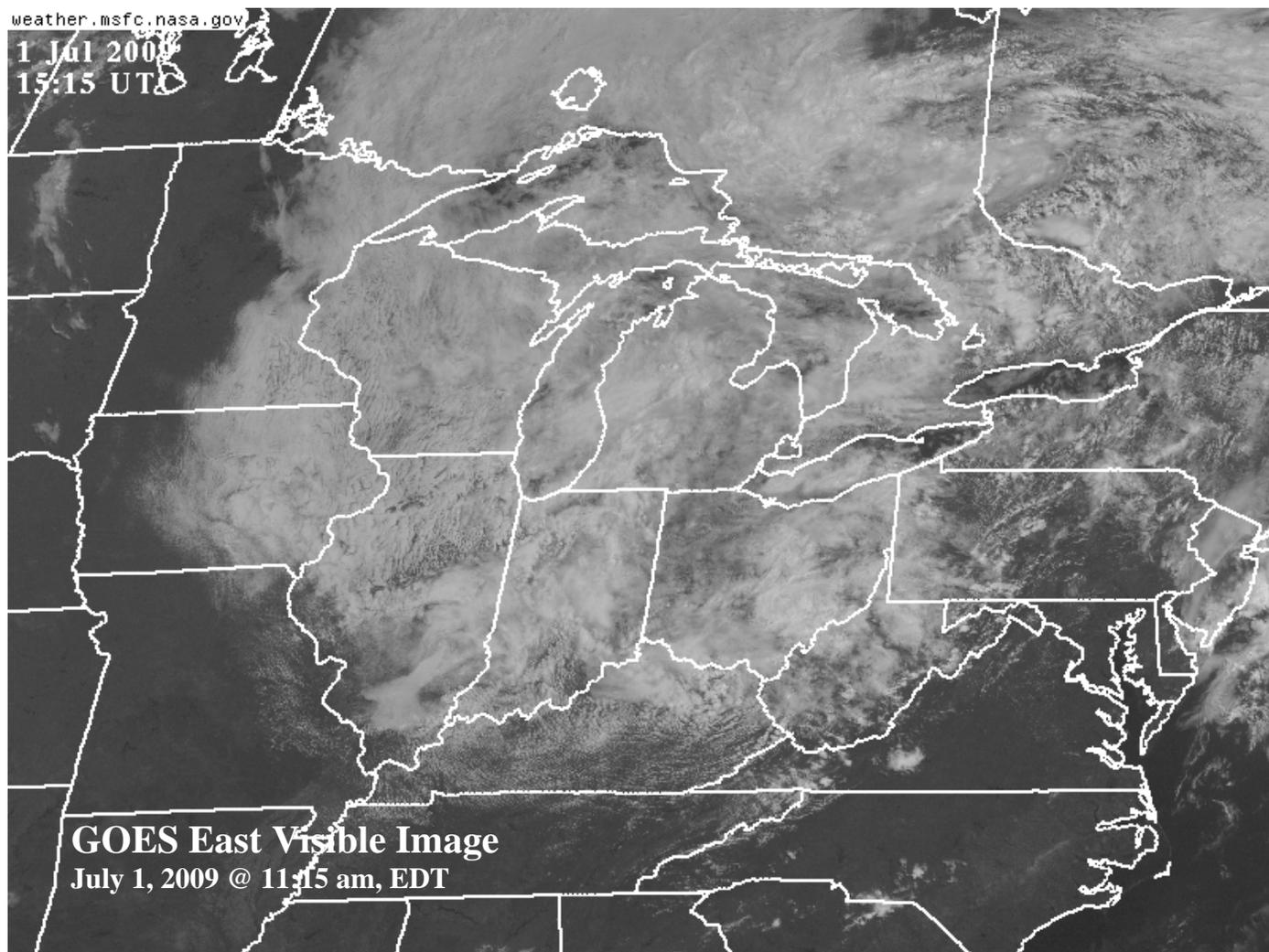
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Cool, showery weather affected the Great Lakes and Northeastern States for several days in late June and early July. On June 30, for example, high temperatures failed to reach 60°F in Marquette, MI (55°F), and Eau Claire, WI (59°F). A day later, high temperatures were the lowest on record for July 1 in locations such as Dubuque, IA (66°F), and Peoria, IL (69°F). Farther east, Atlantic City, NJ, completed its third-wettest June in the last century (7.05 inches, or 265 percent of normal, behind only 8.45 inches in 1920 and 7.57 inches in 1935), but eclipsed a 2003 record for the greatest number of June days with measurable rain. Atlantic City recorded rainfall totaling at least 0.01 inch on 17 days in June 2009, versus 15 days in June 2003.