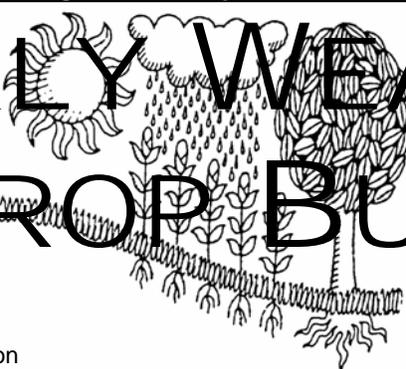


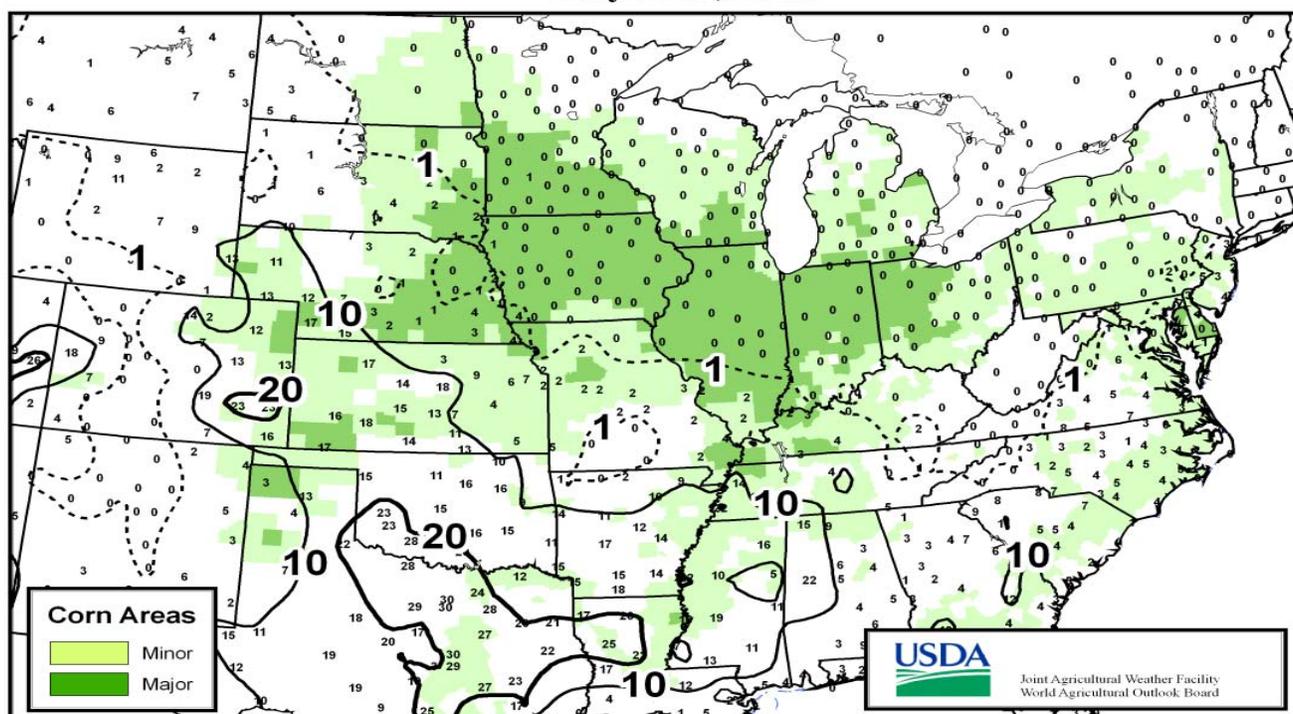
# WEEKLY WEATHER AND CROP BULLETIN



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

## Number of Days 95°F or Greater July 1-31, 2008



### HIGHLIGHTS

#### July 27 - August 2, 2008

Highlights provided by USDA/WAOB

A broad ridge of high pressure brought the hottest weather of the year to parts of the nation's mid-section and boosted temperatures above 100°F as far north as **Montana**. A few readings of 110°F or higher were noted from **northern Texas into southwestern Nebraska**. The extreme heat increased stress on pastures and immature summer crops, especially in areas with soil moisture shortages. However, significant rain also dotted the **Plains**, particularly across **Kansas and North Dakota**. In the latter state, rain aided immature summer crops but

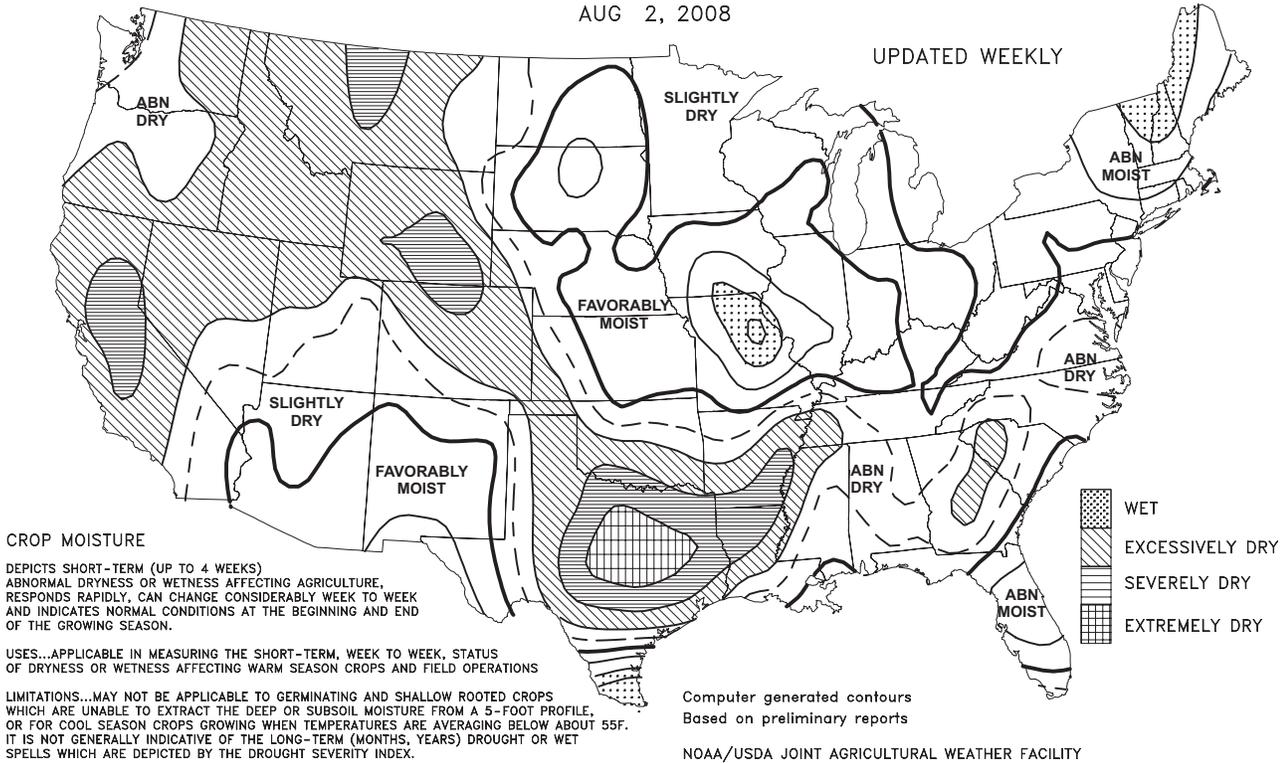
(Continued on page 5)

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Crop Moisture  
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE  
AUG 2, 2008

UPDATED WEEKLY



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

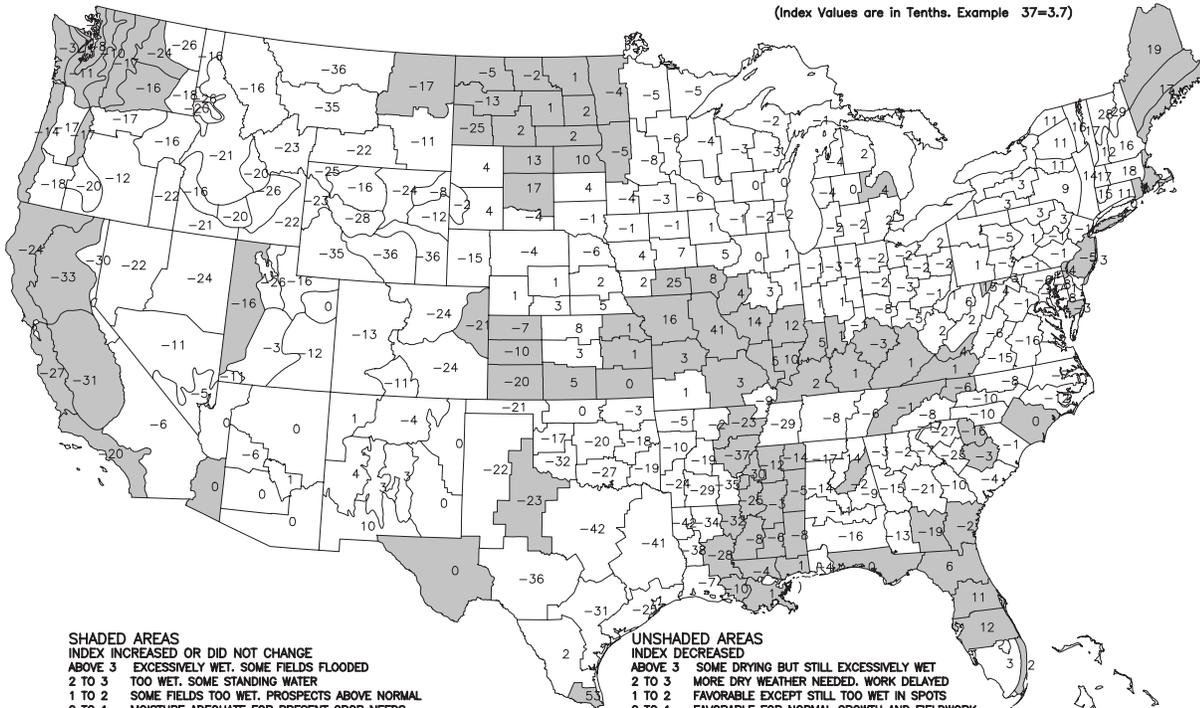
LIMITATIONS...MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A 5-FOOT PROFILE, OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55F. IT IS NOT GENERALLY INDICATIVE OF THE LONG-TERM (MONTHS, YEARS)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

Computer generated contours  
Based on preliminary reports

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

Crop Moisture Index  
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE  
AUG 2, 2008

(Index Values are in Tenths. Example 37=3.7)

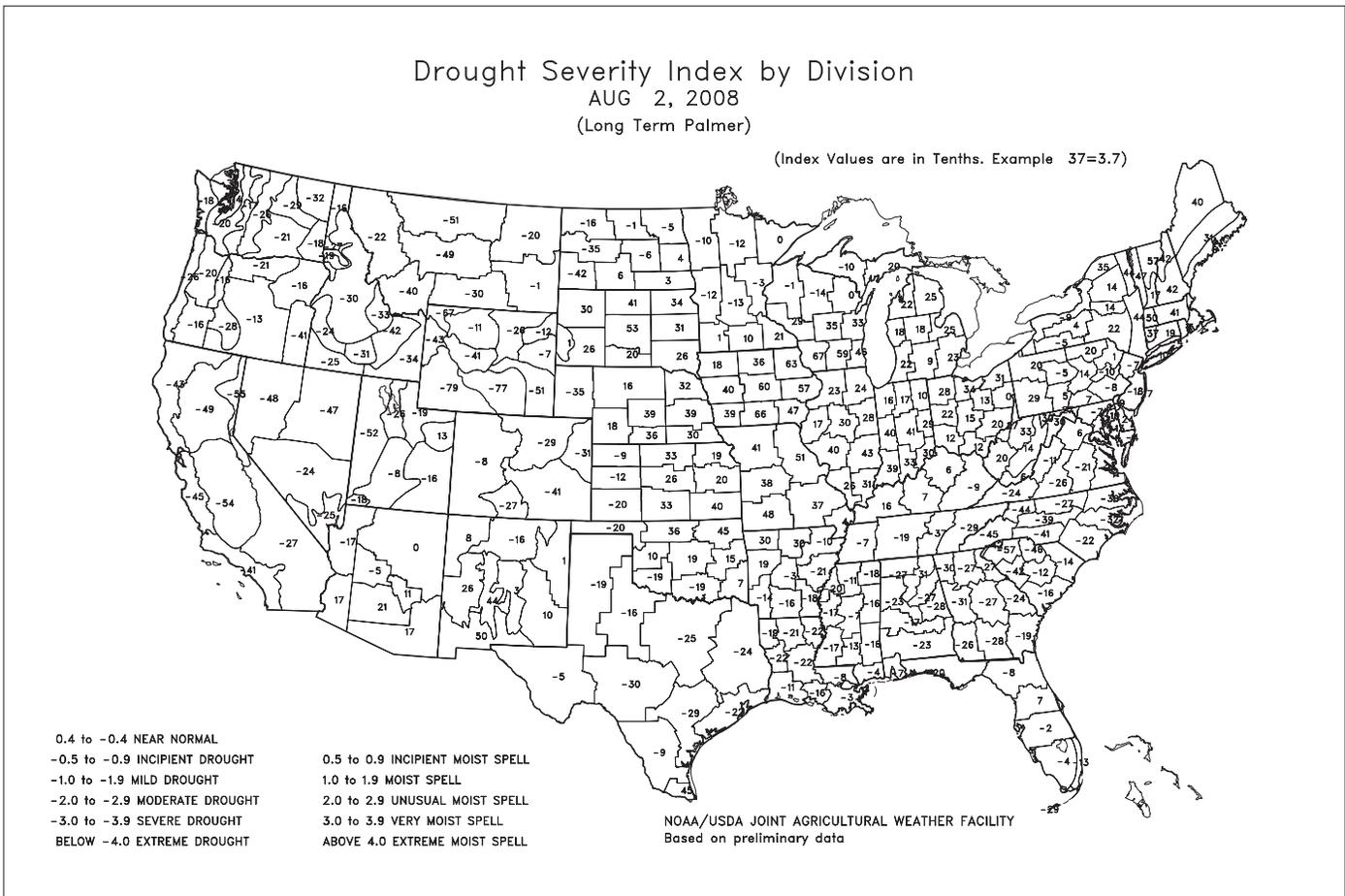
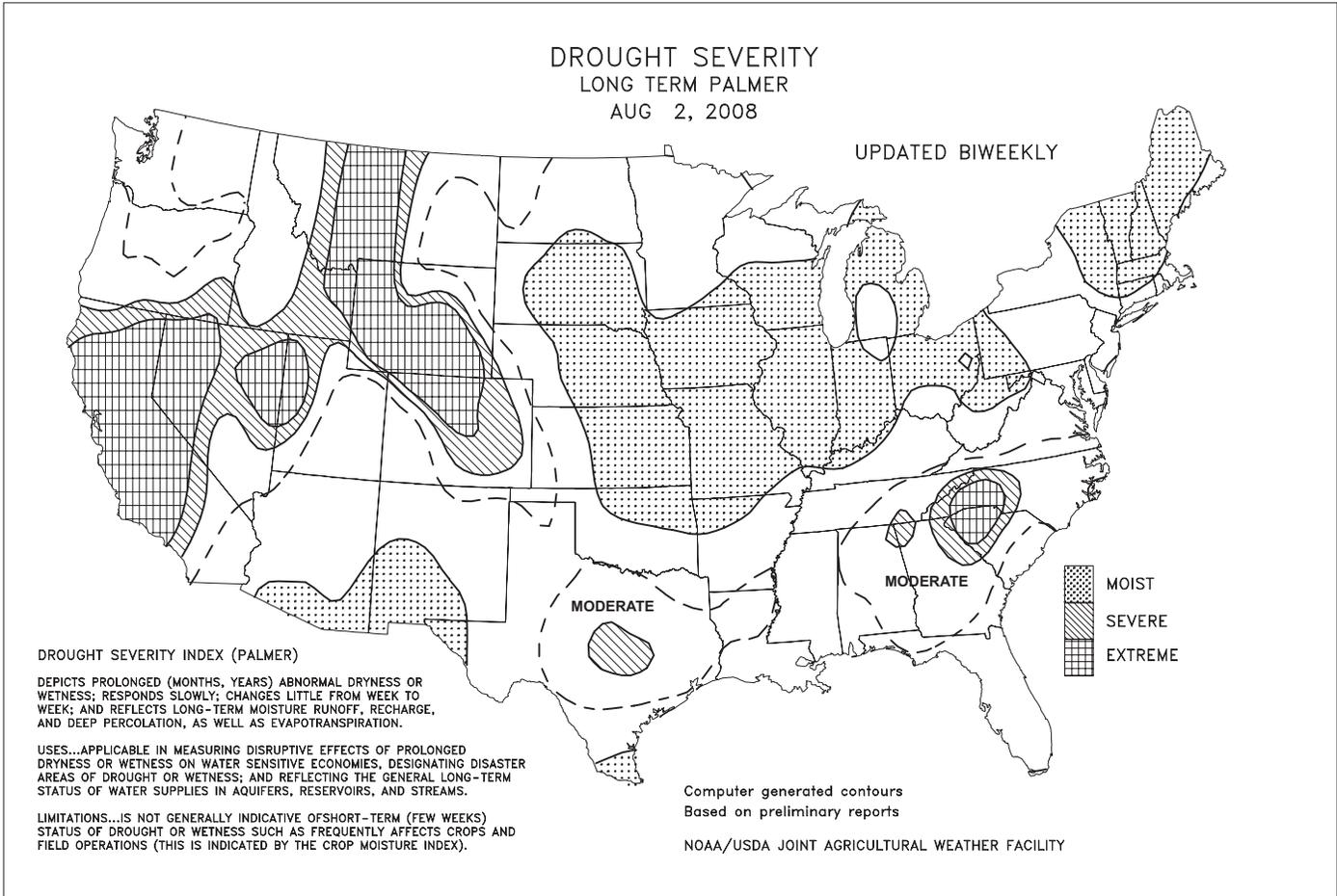


**SHADED AREAS**  
INDEX INCREASED OR DID NOT CHANGE  
ABOVE 3 EXCESSIVELY WET. SOME FIELDS FLOODED  
2 TO 3 TOO WET. SOME STANDING WATER  
1 TO 2 SOME FIELDS TOO WET. PROSPECTS ABOVE NORMAL  
0 TO 1 MOISTURE ADEQUATE FOR PRESENT CROP NEEDS  
0 TO -1 PROSPECTS IMPROVED BUT RAIN STILL NEEDED  
-1 TO -2 SOME IMPROVEMENT BUT STILL ABNORMALLY DRY  
-2 TO -3 DRYNESS EASED BUT FIELDS STILL EXCESSIVELY DRY  
-3 TO -4 SEVERE DRYNESS CONTINUES. MORE RAIN URGENTLY NEEDED  
BELOW -4 NOT ENOUGH RAIN. STILL EXTREMELY DRY

**UNSHADED AREAS**  
INDEX DECREASED  
ABOVE 3 SOME DRYING BUT STILL EXCESSIVELY WET  
2 TO 3 MORE DRY WEATHER NEEDED. WORK DELAYED  
1 TO 2 FAVORABLE EXCEPT STILL TOO WET IN SPOTS  
0 TO 1 FAVORABLE FOR NORMAL GROWTH AND FIELDWORK  
0 TO -1 TOPSOIL MOISTURE SHORT. GERMINATION SLOW  
-1 TO -2 ABNORMALLY DRY. PROSPECTS DETERIORATING  
-2 TO -3 EXCESSIVELY DRY. YIELD PROSPECTS REDUCED  
-3 TO -4 POTENTIAL YIELDS SEVERELY CUT BY DRYNESS  
BELOW -4 EXTREMELY DRY. MOST CROPS RUINED

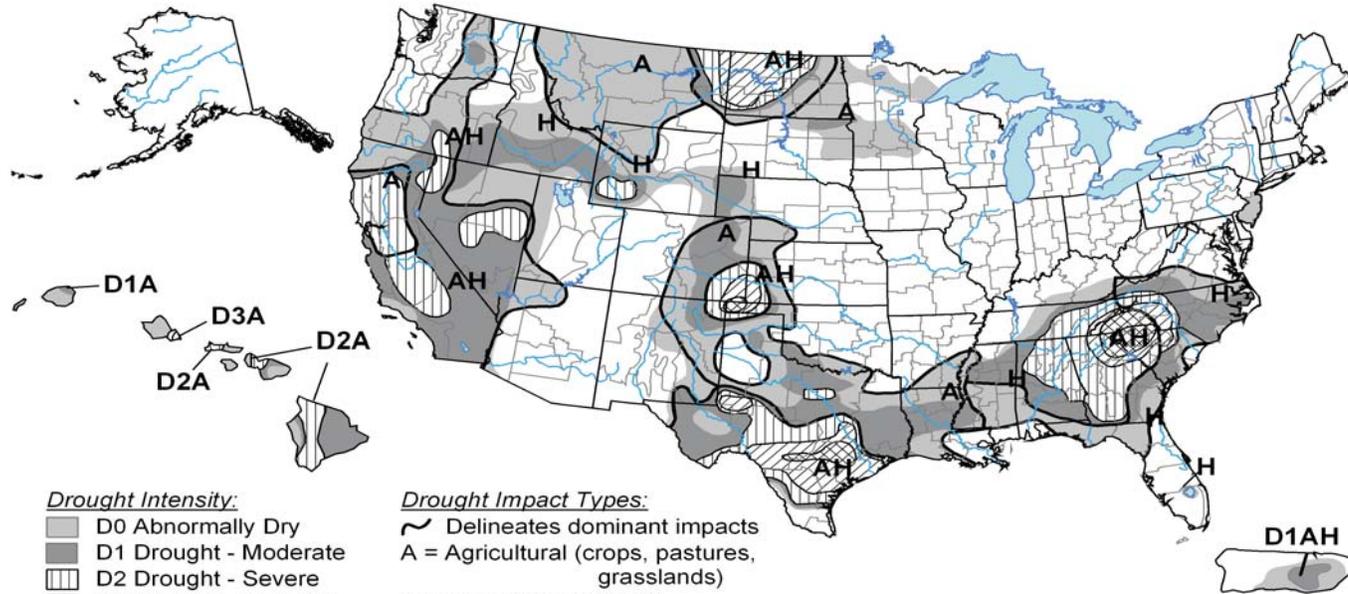
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

BASED ON PRELIMINARY DATA



# U.S. Drought Monitor

July 29, 2008  
Valid 8 a.m. EDT



**Drought Intensity:**

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

**Drought Impact Types:**

- Delineates dominant impacts
- A = Agricultural (crops, pastures, grasslands)
- H = Hydrological (water)

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary.

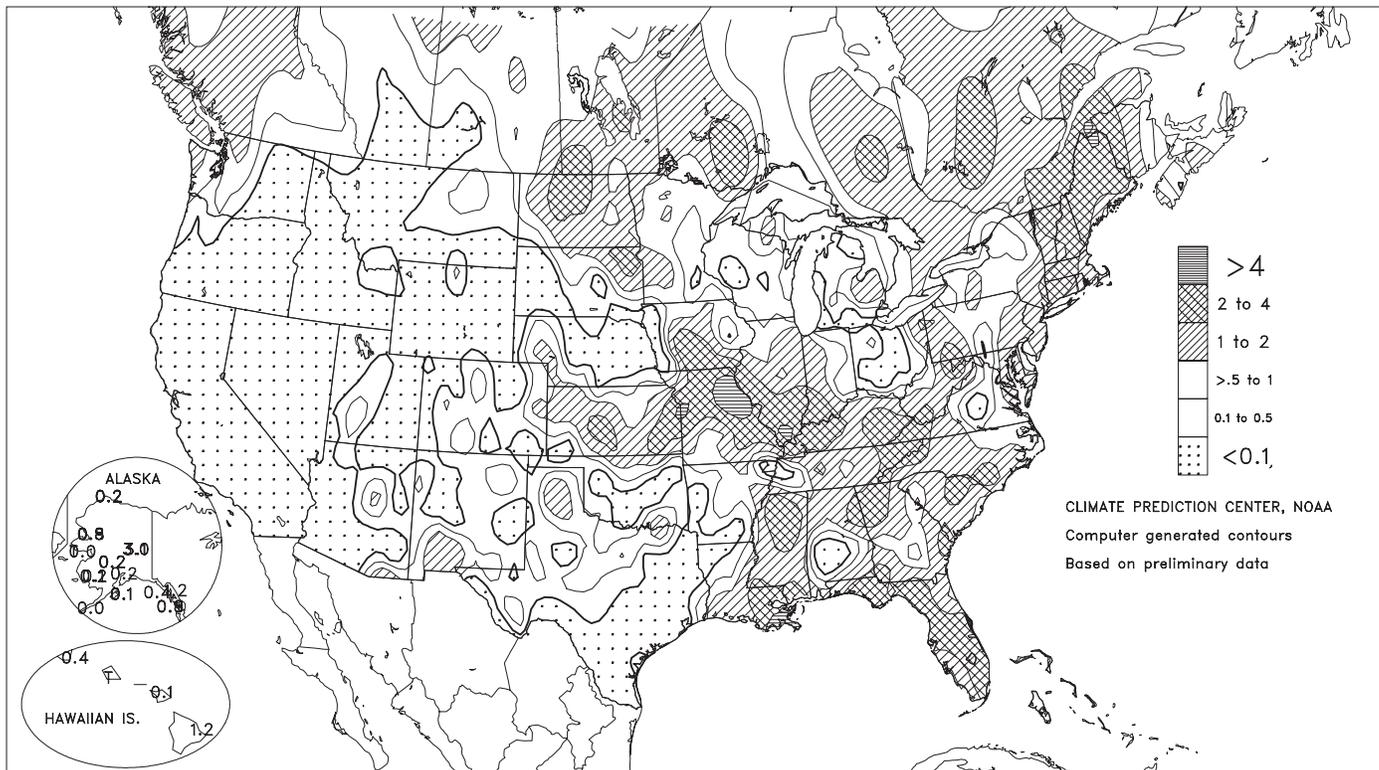
<http://drought.unl.edu/dm>



Released Thursday, July 31, 2008  
Author: Brian Fuchs, NDMC/Laura Edwards, WRCC

## Total Precipitation (Inches)

JUL 27 - AUG 2, 2008



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

(Continued from front cover)

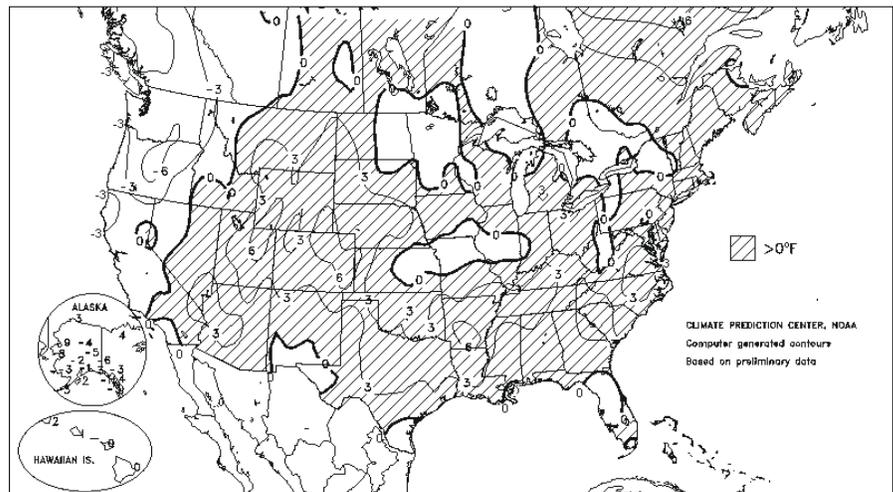
slowed early-season spring wheat harvesting. Meanwhile, hot, mostly dry weather prevailed in the **West**, favoring fieldwork and rapid crop development. **Western** showers were confined to the **Pacific Northwest** and the **Four Corners States**, although rainfall in the latter region diminished due to a lull in the monsoon. Farther east, hot weather also began to expand into the **Midwest**, where corn and soybeans have generally experienced a summer without drought and heat stress. However, late-week temperatures climbed to 95°F or higher only in the **southwestern fringe of the Corn Belt**. In addition, heavy showers (locally in excess of 4 inches) preceded the hot weather across the **middle Mississippi and lower Ohio Valleys**, maintaining pockets of excessive wetness and tempering the effects of late-week heat. Elsewhere, heavy rain soaked **New England**, while scattered showers provided local drought relief for pastures and immature summer crops in the **Southeast**. **Florida's peninsula** remained an exception, with wet weather continuing through the end of a second consecutive month.

Early in the week, remnant moisture associated with former Hurricane Dolly contributed to locally heavy showers across the **central and southern Plains**. On July 28, **Amarillo, TX**, netted a daily-record rainfall of 2.79 inches. Meanwhile, heavy showers associated with a cold front dotted the **Midwest**, resulting in daily-record totals in locations such as **Des Moines, IA** (1.40 inches on July 27), and **Columbia, MO** (1.52 inches on July 28). Elsewhere in **Missouri**, **Springfield** surpassed its normal annual precipitation of 44.95 inches by July 26, while **St. Louis** completed its wettest January-July period on record. Precipitation during the first 7 months of the year totaled 38.96 inches (166 percent of normal) in **St. Louis**, edging its January-July 1898 standard of 37.66 inches. Later, unusually heavy showers developed in both the **Northeast** and **Pacific Northwest**. In **western Washington**, **Quillayute** posted daily-record rainfall totals on July 29 and 31 (1.24 and 0.50 inches, respectively). In **Vermont**, record-high July rainfall amounts included 8.06 inches in **Montpelier** and 9.59 inches in **St. Johnsbury**. **Montpelier** also opened August with consecutive daily-record totals (1.05 inches on both August 1 and 2). Farther south, scattered daily rainfall records were broken in the **Southeast**, where **Knoxville, TN** (1.56 inches), had its wettest July 28. Elsewhere, locally heavy showers also erupted across the **Dakotas**, where **Sisseton, SD** (1.77 inches), notched a daily-record amount for the last day of July.

Although hot weather expanded across much of the nation, heat was concentrated across the **Rockies, High Plains, and South**. **Vicksburg, MS**, noted 4 consecutive days of triple-digit heat from July 26-29, including daily-record highs of 102°F on July 27-28. With a high of 110°F on July 28, **Wichita Falls, TX**, experienced its hottest day since August 7, 2003. Farther north, **Cheyenne, WY** (98°F on August 1 and 2), noted a monthly record high, previously established with a reading of 96°F on August 6, 1979, and several earlier dates. In **Colorado**,

Departure of Average Temperature from Normal (°F)

JUL 27 - AUG 2, 2008

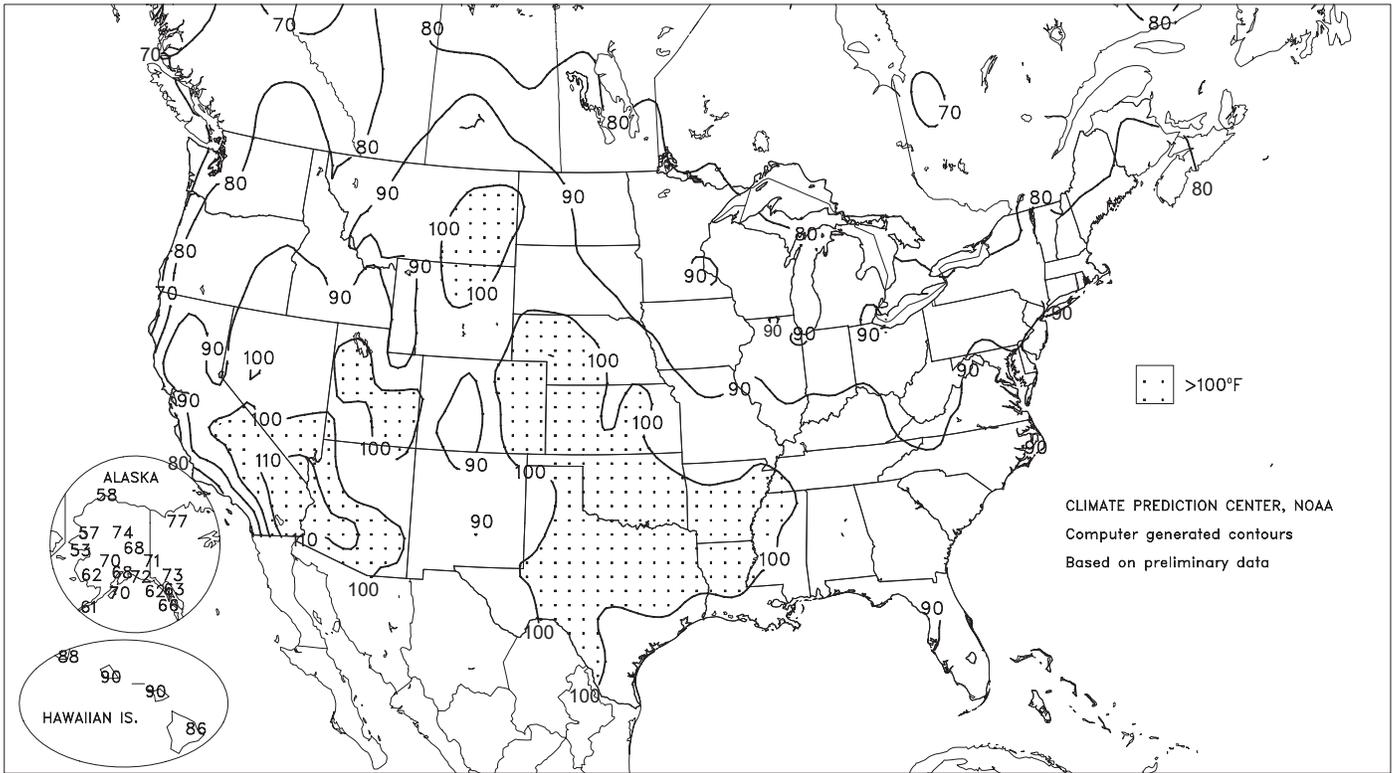


**Denver** (104°F on August 1) narrowly missed its all-time-record high of 105°F, established on August 8, 1878, and July 20, 2005. However, **Denver** easily set a record for its longest streak of 90-degree heat (previously, 18 days from July 1-18, 1874, and July 6-23, 1901). By week's end, **Denver's** stretch with highs of 90°F or above reached 21 consecutive days (July 13 - August 2). Farther north, highs topped 100°F on August 1 as far north as **Billings** (102°F) and **Miles City, MT** (104°F). A day later, **Imperial, NE** (111°F on August 2), edged its monthly record of 110°F, set in 1934. Toward week's end, extreme heat also reached the **Mid-South**, where daily-record highs for August 2 included 106°F in **El Dorado, AR**, and 103°F in **Monroe, LA**. In contrast, **Midwestern** locations such as **Rochester, MN**, and **Madison, WI**, completed the first 7 months of the year without a 90-degree reading. The last time **Rochester** went an entire year without a high of 90°F or greater was 1993, and for **Madison** it was 2004.

Unusually cool weather prevailed in **Alaska**, accompanied by heavy rain at some interior locations. Weekly temperatures averaged as much as 5 to 10°F below normal, aided by daily-record lows in locations such as **Nome** (32°F on July 27) and **King Salmon** (36°F on July 28). Meanwhile in the **middle Tanana River basin**, rainfall totaled 2 to 4 inches, with locally higher amounts, on July 27-28. Additional rain fell thereafter in some areas. The late-month downpours boosted July totals to 6.77 inches in **Delta Junction** and 6.70 inches in **North Pole**. **Fairbanks** (4.12 inches, or 238 percent of normal) experienced its sixth-wettest July in more than 100 years. **Eielson Air Force Base** (7.30 inches) reported its wettest July and second-wettest month on record behind 7.47 inches in August 1967. The **Tanana River at Fairbanks** (more than 2 feet above flood stage on July 30) climbed to its highest level since the record-setting flood of August 16, 1967, when the river crested 3.3 feet above flood stage. Meanwhile, **Hawaii's** drought situation remained virtually unchanged, despite some locally heavy showers during the early- to mid-week period. On July 28-29, 24-hour rainfall totals on the **Big Island** reached 3.16 inches in **Honokaa** and 2.93 inches in **Glenwood**. On **Kauai**, meanwhile, **Lihue** posted daily record-tying highs of 88°F on July 29 and 31.

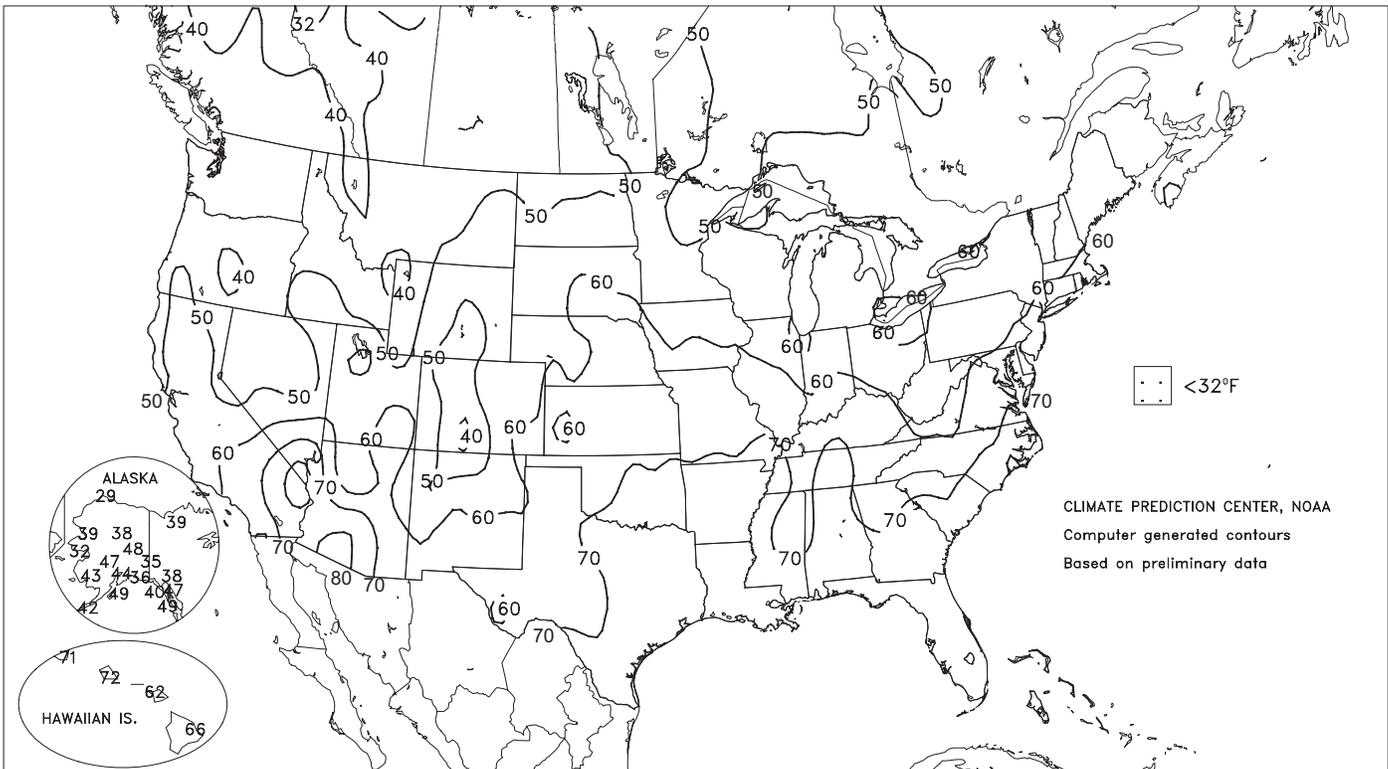
Extreme Maximum Temperature (°F)

JUL 27 - AUG 2, 2008

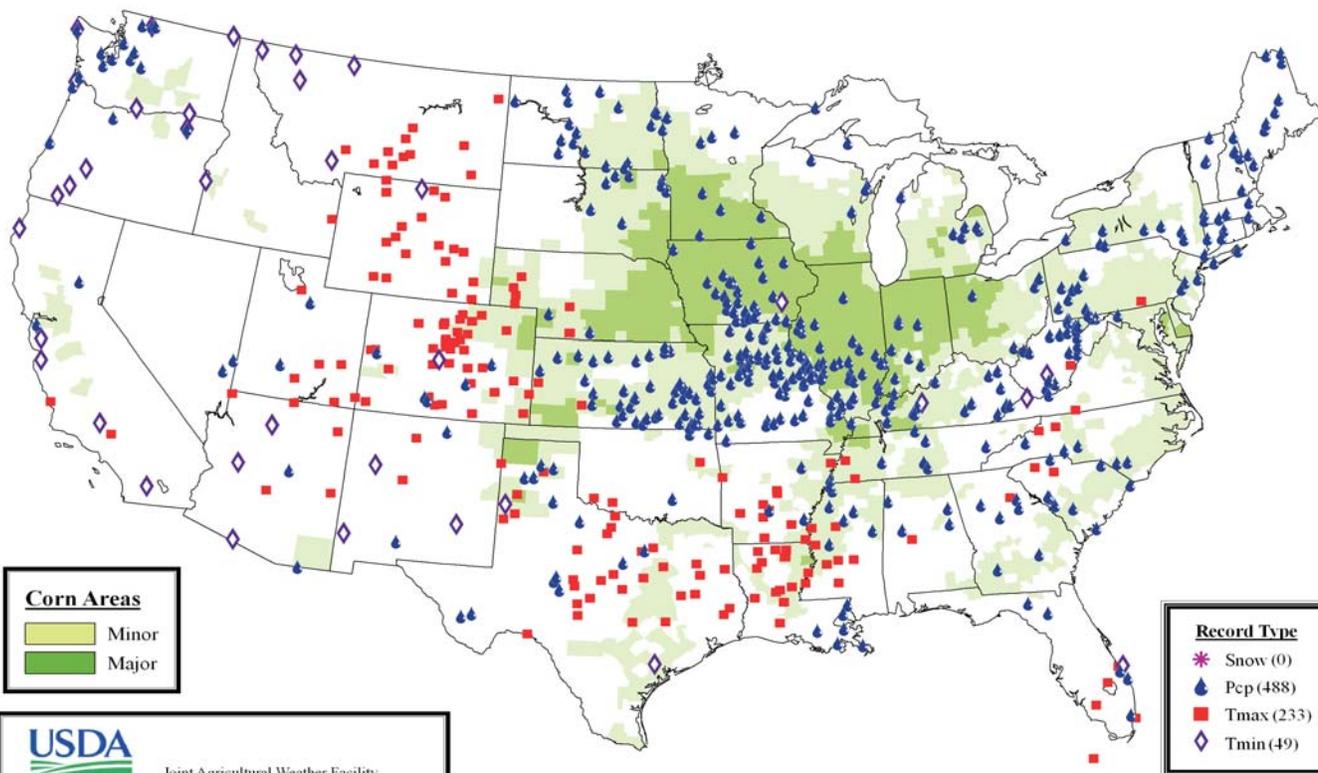


Extreme Minimum Temperature (°F)

JUL 27 - AUG 2, 2008



## Daily Weather Records (ASOS & COOP) July 27-August 2, 2008

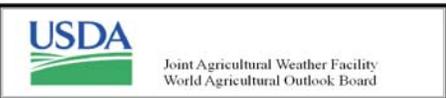


**Corn Areas**

- Minor
- Major

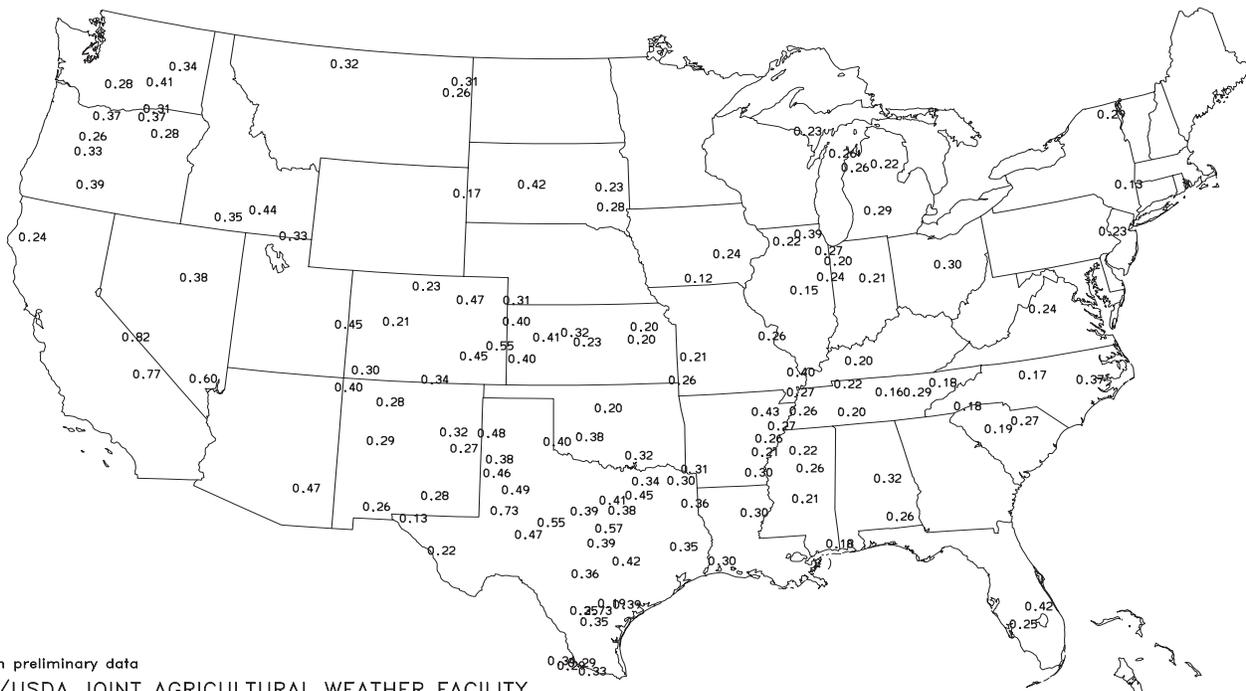
**Record Type**

- \* Snow (0)
- Pcp (488)
- Tmax (233)
- ◆ Tmin (49)



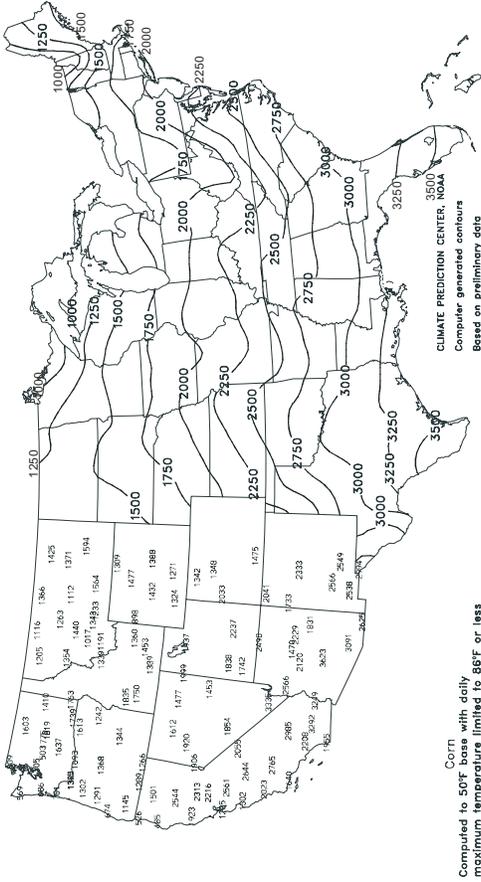
Data courtesy of the U.S. National Climatic Data Center (NCDC)

### Average Pan Evaporation (Inches/Day) JUL 27 - AUG 2, 2008



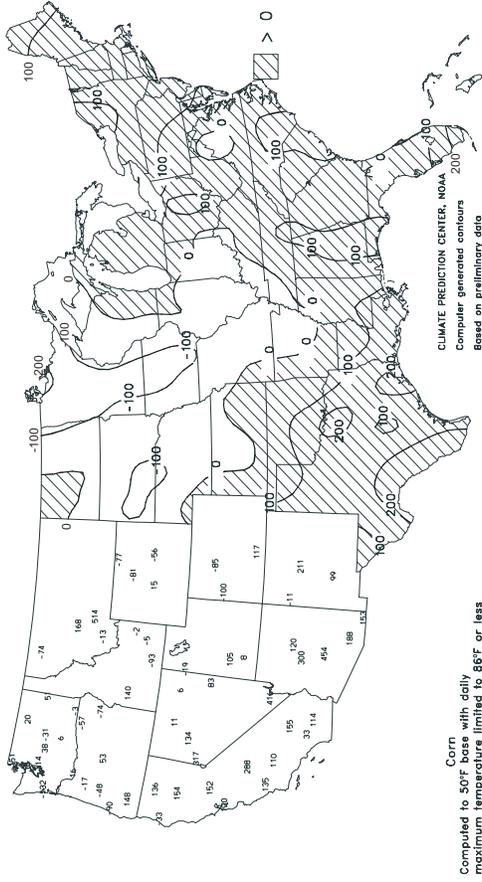
Based on preliminary data  
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

Total Growing Degree Days  
APR 1 - AUG 2, 2008



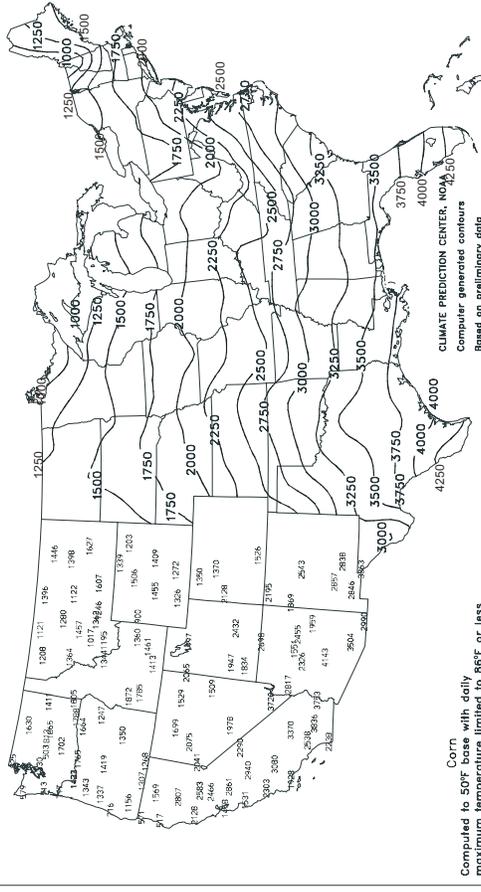
Corn  
Computed to 50°F base with daily  
maximum temperature limited to 86°F or less  
and daily minimum to 50°F or more.

Departure From Normal Growing Degree Days  
APR 1 - AUG 2, 2008



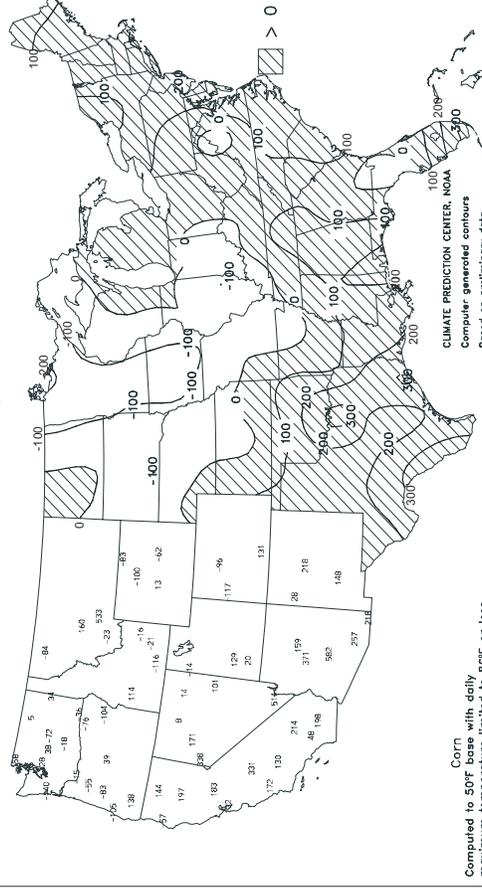
Corn  
Computed to 50°F base with daily  
maximum temperature limited to 86°F or less  
and daily minimum to 50°F or more.

Total Growing Degree Days  
MAR 1 - AUG 2, 2008



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 - AUG 2, 2008



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 August 2, 2008**

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	TEMP. °F		PRECIP.	
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	5.0 INCH OR MORE
MISSISSIPPI																			
ND TUNICA 1W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LYON	97	73	99	70	85	-	0.30	-	0.28	2.57	-	-	-	99	84	7	0	3	0
VANCE	94	72	97	68	83	-	1.91	-	1.91	4.39	-	-	-	95	82	7	0	1	1
PERTSHIRE	96	73	99	70	84	-	0.00	-	0.00	3.56	-	-	-	92	84	7	0	0	0
SCOTT	98	74	100	72	86	-	2.34	-	1.42	-	-	-	-	96	87	7	0	2	2
SANDY RIDGE	97	73	99	71	85	-	0.55	-	0.32	-	-	-	-	-	-	7	0	3	0
NE VERONA	95	72	98	69	84	-	1.27	-	0.86	3.42	-	22.40	-	-	-	7	0	4	1
SD STONEVILLE x	98	75	101	73	86	3	0.03	-0.62	0.03	2.08	26	28.90	84	101	88	7	0	1	0
INDIANOLA 1S*	96	73	99	71	84	-	0.60	-	0.31	2.79	-	24.46	-	93	84	7	0	3	0
INVERNESS 5E	96	73	100	70	84	-	0.88	-	0.83	1.99	-	23.22	-	99	86	7	0	2	1
SIDON	97	72	101	70	85	-	4.12	-	3.23	5.25	-	-	-	99	-	6	0	4	1
NORTH ISSAQUENA	98	75	101	69	86	-	0.58	-	0.48	3.09	-	-	-	99	88	7	0	2	0
SILVER CITY	97	73	101	69	85	-	0.89	-	0.75	2.99	-	27.66	-	98	86	7	0	3	1
ONWARD	97	74	99	70	86	-	0.83	-	0.82	1.74	-	-	-	100	87	7	0	2	1
MAYDAY	96	73	101	70	85	-	1.22	-	0.63	-	-	-	-	97	86	7	0	2	2
MISSOURI																			
NW CORNING	88	70	92	67	78	2	0.15	-0.44	0.15	7.39	76	19.57	91	-	-	3	0	1	0
ALBANY	87	68	91	65	77	1	0.56	-0.15	0.48	10.86	111	24.44	109	82	74	2	0	2	0
ST. JOSEPH	84	69	91	67	76	0	1.14	0.53	0.62	11.94	128	25.25	116	-	-	1	0	3	2
NC LINNEUS	86	68	89	66	76	0	1.28	0.52	0.52	23.35	248	39.06	174	79	74	0	0	3	1
BRUNSWICK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NE NOVELTY	85	67	88	64	75	-1	3.11	2.29	1.31	20.80	263	37.56	174	84	74	0	0	5	3
MONROE CITY	85	68	90	67	76	-1	2.07	1.59	0.85	18.71	250	35.32	164	83	73	1	0	4	3
WC GREEN RIDGE	88	69	94	66	78	5	2.52	2.01	2.04	13.66	145	33.16	136	86	75	3	0	3	1
C AUXVASSE	86	68	91	65	76	-1	5.27	4.78	2.26	21.42	262	41.16	176	80	74	2	0	5	3
SANBORN FIELD	87	69	92	66	78	0	4.06	3.44	2.38	16.33	196	38.14	156	87	75	2	0	4	3
WILLIAMSBURG	87	68	92	66	76	0	2.53	2.01	1.41	12.88	145	34.83	129	76	71	3	0	4	2
COLUMBIA	86	69	91	66	77	-1	3.88	3.26	1.98	14.88	181	37.29	153	-	-	2	0	4	3
VERSAILLES	88	70	94	66	78	0	1.79	1.17	1.25	13.72	164	37.09	151	85	76	4	0	2	2
EC COOK STATION	91	69	96	66	79	1	0.84	-0.09	0.70	7.03	91	35.41	141	84	77	4	0	3	1
SW LAMAR	91	72	97	69	81	2	0.37	-0.41	0.36	15.30	145	43.24	152	89	78	4	0	2	0
SC MOUNTAIN GROVE	91	71	95	69	80	3	1.82	0.79	1.57	7.90	90	36.11	126	88	74	3	0	2	1
SE DELTA	92	71	96	69	80	1	1.43	0.78	0.87	7.54	109	43.63	165	93	80	5	0	4	1
CHARLESTON	92	72	98	70	82	3	0.97	0.01	0.65	6.29	77	31.57	112	97	80	6	0	2	1
GLENNONVILLE	94	73	99	70	83	3	0.21	-0.85	0.20	2.85	40	26.46	103	96	81	6	0	2	0
CLARKTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PORTAGEVILLE DC	94	75	99	73	84	4	0.00	-1.00	0.00	4.04	54	29.31	106	96	80	6	0	0	0
PORTAGEVILLE LF	94	75	99	72	84	4	0.00	-1.08	0.00	4.22	56	28.88	104	97	81	7	0	0	0
STEELE	96	75	99	72	84	4	0.00	-1.19	0.00	4.32	55	27.13	93	101	87	7	0	0	0
CARDWELL	96	73	100	70	83	3	0.01	-1.15	0.01	2.13	29	26.22	92	84	79	6	0	1	0

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

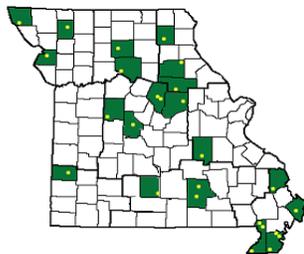
Data are preliminary and subject to revision.

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.

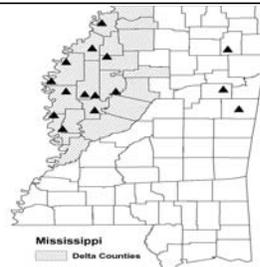
**Weather and Crop Summary for the Mississippi Delta:** Scorching heat continued. Temperatures often reached 100 degrees F or higher, with excessive heat advisories from the National Weather Service common in the Delta. A few rounds of thunderstorms brought periodic, much-needed rainfall to many locations. Most areas reported between 0.50 and 1.50 inches of precipitation, but extremes varied from no rain to more than 4 inches. Crops increasingly browned during the heat wave.

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](http://www.deltaweather.msstate.edu/maps/weather_station_map.htm)

National Weather Data for Selected Cities

Weather Data for the Week Ending August 2, 2008

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			
																90 AND ABOVE	82 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	93	74	95	72	83	2	1.88	0.91	1.69	9.02	99	35.96	105	93	47	7	0	2	1
AL HUNTSVILLE	93	73	96	72	83	3	0.69	-0.14	0.54	3.96	45	24.29	68	94	60	7	0	3	1
AL MOBILE	90	74	95	71	82	0	1.31	-0.12	0.59	11.93	100	40.44	98	91	64	5	0	5	1
AK MONTGOMERY	93	75	96	74	84	2	0.07	-0.89	0.07	10.17	105	28.90	82	91	52	7	0	1	0
AK ANCHORAGE	62	52	68	44	57	-2	0.17	-0.34	0.09	4.03	138	8.91	144	86	69	0	0	4	0
AK BARROW	42	32	58	29	37	-3	0.21	-0.01	0.07	1.84	147	3.18	176	99	82	0	5	4	0
AK FAIRBANKS	61	50	68	48	55	-5	3.03	2.64	1.22	6.40	197	9.41	179	90	82	0	0	7	2
AK JUNEAU	57	49	63	47	53	-4	1.21	0.17	0.52	10.16	130	33.19	125	96	90	0	0	6	1
AK KODIAK	63	52	70	49	57	1	0.11	-0.69	0.04	17.84	183	55.50	137	84	68	0	0	3	0
AK NOME	49	41	53	32	45	-8	0.03	-0.60	0.01	4.24	122	8.85	124	92	86	0	1	3	0
AZ FLAGSTAFF	85	55	89	53	70	4	0.00	-0.69	0.00	2.38	79	10.11	81	63	22	0	0	0	0
AZ PHOENIX	108	87	113	82	98	5	0.00	-0.26	0.00	2.16	188	4.58	108	25	18	7	0	0	0
AZ PRESCOTT	93	64	98	61	79	6	0.76	-0.07	0.76	3.07	87	10.24	100	56	17	6	0	1	1
AZ TUCSON	101	76	106	72	88	2	0.01	-0.59	0.01	3.63	146	5.46	96	55	28	7	0	1	0
AR FORT SMITH	102	77	105	75	89	6	0.20	-0.36	0.16	8.89	117	36.75	143	84	33	7	0	2	0
AR LITTLE ROCK	100	76	105	73	88	5	0.24	-0.38	0.15	6.36	86	33.67	113	85	38	7	0	2	0
CA BAKERSFIELD	96	71	98	67	84	0	0.00	0.00	0.00	0.00	0	1.56	34	47	27	7	0	0	0
CA FRESNO	98	66	99	64	82	0	0.00	0.00	0.00	0.01	4	5.77	73	49	26	7	0	0	0
CA LOS ANGELES	74	64	75	62	69	-1	0.00	0.00	0.00	0.00	0	7.01	74	85	68	0	0	0	0
CA REDDING	95	63	98	62	79	-2	0.00	-0.01	0.00	0.11	15	14.33	65	58	30	7	0	0	0
CA SACRAMENTO	90	58	95	55	74	-2	0.00	0.00	0.00	0.00	0	8.57	72	80	27	4	0	0	0
CA SAN DIEGO	74	67	75	66	70	-2	0.00	0.00	0.00	0.02	17	5.06	66	76	69	0	0	0	0
CA SAN FRANCISCO	68	55	77	55	62	-1	0.00	0.00	0.00	0.00	0	10.21	76	90	72	0	0	0	0
CA STOCKTON	93	59	98	56	76	-2	0.03	0.03	0.01	0.15	107	6.86	76	66	36	6	0	3	0
CO ALAMOSA	87	47	90	43	67	3	0.07	-0.18	0.04	0.54	34	2.15	57	84	31	1	0	2	0
CO CO SPRINGS	94	62	99	56	78	8	0.00	-0.81	0.00	1.00	18	3.34	30	59	14	6	0	0	0
CO DENVER INTL	98	65	104	59	81	8	0.00	-0.54	0.00	0.98	24	3.28	36	48	12	7	0	0	0
CO GRAND JUNCTION	98	65	102	62	81	4	0.00	-0.19	0.00	0.52	46	3.92	77	39	18	7	0	0	0
CO PUEBLO	99	61	105	56	80	4	0.71	0.15	0.36	2.49	71	5.48	70	69	25	7	0	2	0
CT BRIDGEPORT	83	69	90	67	76	1	1.68	0.83	0.97	9.15	121	27.44	104	82	61	1	0	4	2
CT HARTFORD	85	65	88	63	75	1	2.60	1.77	1.50	14.25	184	37.06	139	83	55	0	0	3	2
DC WASHINGTON	90	74	93	69	82	3	1.19	0.38	0.95	8.66	123	32.58	141	77	48	4	0	3	1
DE WILMINGTON	87	68	89	62	78	1	0.45	-0.42	0.26	7.67	95	24.64	95	92	51	0	0	2	0
FL DAYTONA BEACH	90	74	92	73	82	0	0.60	-0.51	0.53	13.16	118	21.74	81	93	55	5	0	2	1
FL JACKSONVILLE	90	74	92	72	82	1	2.75	1.47	1.26	17.17	147	31.52	108	95	63	3	0	4	2
FL KEY WEST	89	80	90	78	85	1	0.09	-0.77	0.09	2.62	32	9.27	48	78	64	3	0	1	0
FL MIAMI	91	77	93	75	84	0	1.42	0.03	0.61	20.26	137	36.35	121	87	56	6	0	5	1
FL ORLANDO	90	74	92	73	82	0	0.64	-0.73	0.40	17.19	115	34.78	118	89	69	5	0	4	0
FL PENSACOLA	91	77	93	75	84	1	0.58	-1.11	0.27	12.00	81	33.19	84	85	64	6	0	4	0
FL TALLAHASSEE	91	74	93	72	83	1	0.91	-0.83	0.54	10.19	66	31.40	78	92	63	5	0	6	1
FL TAMPA	87	76	88	74	81	-2	3.83	2.32	1.20	18.54	149	32.40	130	91	70	0	0	5	3
FL WEST PALM BEACH	91	76	92	75	84	1	2.30	1.16	1.88	15.90	115	37.07	113	81	62	7	0	5	1
GA ATHENS	95	71	99	70	83	3	0.59	-0.34	0.53	5.22	61	20.09	67	90	49	7	0	3	1
GA ATLANTA	91	71	93	67	81	1	1.76	0.76	0.93	8.38	93	27.03	85	89	57	5	0	3	2
GA AUGUSTA	95	73	97	71	84	3	1.18	0.23	1.11	5.12	60	22.01	79	94	53	7	0	3	1
GA COLUMBUS	93	74	95	73	84	2	0.82	-0.22	0.82	5.18	59	28.33	90	92	45	7	0	1	1
GA MACON	94	73	98	69	84	3	1.78	0.87	1.62	10.99	136	27.09	94	94	51	7	0	4	1
GA SAVANNAH	93	74	95	73	84	2	4.42	2.93	2.56	11.09	93	24.00	82	95	58	7	0	6	3
HI HILO	84	69	86	66	76	0	1.20	-1.10	0.64	8.37	45	76.91	106	83	72	0	0	6	1
HI HONOLULU	89	76	90	72	82	1	0.03	-0.10	0.02	1.38	142	2.82	29	65	58	1	0	2	0
HI KAHULUI	88	71	90	62	79	0	0.07	-0.04	0.05	0.55	73	3.66	32	76	66	1	0	3	0
HI LIHUE	86	76	88	71	81	2	0.40	-0.06	0.19	2.89	71	8.65	40	74	62	0	0	4	0
ID BOISE	92	62	98	61	77	1	0.00	-0.03	0.00	0.82	72	4.43	58	49	25	6	0	0	0
ID LEWISTON	88	60	93	51	74	-1	0.00	-0.14	0.00	0.92	48	4.30	54	49	28	2	0	0	0
ID POCATELLO	91	54	93	45	72	1	0.00	-0.14	0.00	0.81	49	4.26	54	54	22	6	0	0	0
IL CHICAGO/O'HARE	86	67	89	62	77	3	2.29	1.40	1.19	10.48	142	25.39	124	84	50	0	0	3	2
IL MOLINE	86	66	90	59	76	1	0.95	0.02	0.93	13.86	155	29.36	128	88	57	1	0	3	1
IL PEORIA	85	68	88	62	77	2	0.46	-0.33	0.24	8.87	110	25.99	119	91	58	0	0	2	0
IL ROCKFORD	87	66	89	59	76	3	0.12	-0.74	0.12	17.07	187	32.32	147	88	53	0	0	1	0
IL SPRINGFIELD	84	66	89	60	75	-1	0.70	-0.07	0.33	16.95	225	36.89	172	100	65	0	0	3	0
IN EVANSVILLE	90	70	95	67	80	2	2.19	1.45	0.82	8.06	100	43.50	156	88	55	4	0	5	3
IN FORT WAYNE	86	64	89	55	75	2	0.02	-0.75	0.01	8.72	111	26.43	120	88	46	0	0	2	0
IN INDIANAPOLIS	85	68	88	62	77	2	0.31	-0.64	0.16	15.34	174	36.45	145	89	50	0	0	3	0
IN SOUTH BEND	86	64	90	58	75	2	0.01	-0.78	0.01	5.64	69	22.02	98	87	43	1	0	1	0
IA BURLINGTON	86	68	89	61	77	1	1.81	0.89	1.11	13.44	146	28.54	124	95	60	0	0	4	2
IA CEDAR RAPIDS	84	63	86	58	74	0	0.10	-0.78	0.07	17.54	200	35.94	178	99	60	0	0	4	0
IA DES MOINES	86	68	88	65	77	1	1.69	0.72	1.40	22.20	246	36.37	171	87	64	0	0	2	1
IA DUBUQUE	84	65	86	59	74	2	0.52	-0.39	0.46	13.59	168	35.90	171	93	63	0	0	3	0
IA SIOUX CITY	87	68	89	61	77	2	0.00	-0.69	0.00	7.88	111	18.66	111	93	65	0	0	0	0
IA WATERLOO	85	65	88	56	75	2	0.40	-0.51	0.40	15.41	166	37.40	181	95	63	0	0	1	0
KS CONCORDIA	87	69	97	66	78	-2	0.45	-0.43	0.45	11.24	134	20.86	111	99	75	3	0	1	0
KS DODGE CITY	88	68	106	62	83	3	0.66	-0.03	0.56	2.78	43	9.28	62	78	30	6	0	2	1
KS GOODLAND	97	66	105	60	82	6	0.30	-0.45	0.26	3.91	55	7.15	51	80	34	6	0	2	0
KS TOPEKA	88	70	98	68	79	0	1.26	0.46	1.16	11.41	128	24.45	113	91	70	2	0	3	1

Based on 1971-2000 normals

\*\*\* Not Available

Weather Data for the Week Ending August 2, 2008

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	
KY WICHITA	91	72	99	70	82	0	0.60	-0.06	0.47	11.29	146	31.25	164	87	60	4	0	3	0	
KY JACKSON	85	68	88	65	76	1	1.50	0.52	0.63	10.08	106	27.35	91	97	56	0	0	3	1	
KY LEXINGTON	88	68	91	65	78	2	1.23	0.24	0.51	7.73	80	34.50	118	92	65	2	0	3	1	
KY LOUISVILLE	92	73	95	69	82	3	2.20	1.29	0.84	7.30	88	35.88	128	83	43	7	0	3	3	
LA PADUCAH	92	71	96	68	82	4	4.41	3.64	2.35	12.02	131	42.32	139	92	50	5	0	2	2	
LA BATON ROUGE	94	76	98	74	85	3	1.21	-0.11	1.01	7.90	68	33.83	87	91	52	6	0	3	1	
LA LAKE CHARLES	93	77	96	76	85	2	0.03	-0.94	0.03	8.55	75	27.21	81	92	57	6	0	1	0	
LA NEW ORLEANS	91	77	97	74	84	1	1.22	0.02	1.01	8.68	65	30.93	78	90	68	4	0	4	1	
LA SHREVEPORT	101	76	105	72	89	5	0.00	-0.69	0.00	4.94	54	29.98	94	83	30	7	0	0	0	
ME CARIBOU	74	60	79	56	67	1	3.23	2.29	1.17	12.57	168	31.02	148	98	73	0	0	6	3	
ME PORTLAND	79	63	85	59	71	2	1.57	0.87	0.96	9.56	141	31.92	122	93	63	0	0	3	1	
MD BALTIMORE	87	69	91	62	78	2	1.28	0.43	0.65	9.71	129	29.74	120	86	57	1	0	4	2	
MA BOSTON	82	67	86	64	74	0	0.78	0.10	0.55	10.01	154	31.02	127	83	57	0	0	3	1	
MA WORCESTER	81	64	83	62	72	1	2.64	1.71	1.28	14.25	168	38.69	137	91	52	0	0	4	3	
MI ALPENA	79	58	84	50	69	2	0.50	-0.27	0.47	9.59	162	20.05	125	93	50	0	0	2	0	
MI GRAND RAPIDS	86	63	88	61	75	3	0.98	0.26	0.59	11.71	158	27.79	136	87	42	0	0	2	1	
MI HOUGHTON LAKE	81	57	82	52	69	2	0.36	-0.33	0.32	11.56	197	21.21	136	89	51	0	0	2	0	
MI LANSING	85	62	87	59	74	4	0.16	-0.39	0.08	8.12	126	19.44	110	87	47	0	0	2	0	
MI MUSKOGON	82	62	86	57	72	1	0.00	-0.63	0.00	8.68	171	25.61	150	89	52	0	0	0	0	
MI TRAVERSE CITY	81	60	85	55	70	0	0.05	-0.59	0.05	6.56	99	19.03	103	91	44	0	0	1	0	
MN DULUTH	78	57	81	51	67	1	0.86	0.01	0.43	10.30	119	18.11	104	86	52	0	0	2	0	
MN INT'L FALLS	78	50	81	45	64	-3	0.08	-0.56	0.04	8.19	109	16.02	115	94	50	0	0	2	0	
MN MINNEAPOLIS	87	67	94	60	77	4	0.13	-0.76	0.12	4.85	56	13.02	73	82	52	1	0	2	0	
MN ROCHESTER	83	61	88	56	72	2	0.85	-0.17	0.80	10.53	118	20.98	110	91	59	0	0	5	1	
MN ST. CLOUD	86	57	89	50	72	2	0.27	-0.47	0.11	5.89	73	14.83	93	94	38	0	0	3	0	
MS JACKSON	96	73	101	71	85	3	1.39	0.43	1.14	5.82	66	29.68	84	88	48	6	0	3	1	
MS MERIDIAN	94	72	97	70	83	1	1.09	0.07	0.61	6.23	64	31.19	81	98	57	7	0	7	1	
MS TUPELO	96	73	99	69	84	3	2.78	2.13	1.51	7.79	90	30.75	87	91	52	7	0	2	2	
MO COLUMBIA	86	69	91	66	78	0	4.40	3.57	2.00	17.56	218	39.81	164	96	63	3	0	4	3	
MO KANSAS CITY	86	70	95	68	78	-1	0.99	0.14	0.96	11.03	121	26.31	116	90	68	2	0	3	1	
MO SAINT LOUIS	89	72	96	69	80	0	3.59	2.84	1.82	9.64	123	39.20	166	89	67	3	0	4	2	
MO SPRINGFIELD	91	73	96	70	82	3	0.09	-0.47	0.09	16.52	189	45.81	177	93	58	3	0	1	0	
MT BILLINGS	93	62	102	55	78	4	0.00	-0.20	0.00	1.08	33	7.00	70	46	17	5	0	0	0	
MT BUTTE	83	45	88	36	64	0	0.07	-0.23	0.07	3.50	96	6.92	81	69	14	0	0	1	0	
MT CUT BANK	79	50	85	44	65	0	0.00	-0.33	0.00	5.05	122	9.94	117	62	19	0	0	0	0	
MT GLASGOW	89	58	100	49	73	1	1.25	0.94	0.63	5.38	132	10.29	135	65	33	2	0	4	1	
MT GREAT FALLS	88	52	94	46	70	2	0.09	-0.24	0.09	4.29	113	11.31	114	57	12	3	0	1	0	
MT HAVRE	89	55	98	43	72	2	0.02	-0.26	0.01	4.02	115	7.92	102	64	23	3	0	2	0	
MT MISSOULA	87	52	92	42	69	0	0.02	-0.20	0.02	3.04	106	7.22	83	55	27	2	0	1	0	
NE GRAND ISLAND	92	68	101	63	80	4	0.05	-0.64	0.05	12.61	179	26.41	155	87	56	4	0	1	0	
NE LINCOLN	92	71	99	69	82	4	0.00	-0.78	0.00	12.17	167	22.21	124	84	58	6	0	0	0	
NE NORFOLK	91	68	95	62	80	5	0.00	-0.71	0.00	5.63	69	17.87	99	92	57	6	0	0	0	
NE NORTH PLATTE	95	64	108	59	80	5	0.02	-0.61	0.01	5.11	78	17.26	124	90	35	6	0	2	0	
NE OMAHA	89	70	93	68	80	3	0.24	-0.53	0.24	12.69	158	25.46	133	89	63	5	0	1	0	
NE SCOTTSBLUFF	96	62	101	58	79	5	0.00	-0.34	0.00	3.54	73	8.23	71	86	34	7	0	0	0	
NE VALENTINE	96	65	101	60	81	6	0.22	-0.44	0.20	8.40	128	15.09	111	89	44	6	0	2	0	
NV ELY	91	50	93	45	71	3	0.01	-0.16	0.01	1.30	99	3.18	53	51	15	6	0	1	0	
NV LAS VEGAS	108	85	110	82	96	5	0.00	-0.11	0.00	0.12	22	0.95	34	22	12	7	0	0	0	
NV RENO	94	58	96	56	76	4	0.00	-0.03	0.00	0.34	47	4.55	98	38	14	7	0	0	0	
NV WINNEMUCCA	93	50	97	46	72	-1	0.01	-0.03	0.01	0.83	85	3.93	76	37	12	6	0	1	0	
NH CONCORD	82	60	86	56	71	1	1.65	0.91	0.86	12.17	182	33.91	158	95	57	0	0	4	2	
NJ NEWARK	87	70	91	65	78	1	0.65	-0.36	0.43	9.21	110	27.59	99	74	46	3	0	2	0	
NM ALBUQUERQUE	94	68	97	64	81	3	0.05	-0.32	0.05	3.97	196	5.06	108	55	21	6	0	1	0	
NY ALBANY	81	64	84	61	73	2	0.49	-0.28	0.37	12.76	172	28.95	131	90	58	0	0	2	0	
NY BINGHAMTON	79	62	81	59	70	1	0.14	-0.55	0.14	5.98	80	23.15	103	91	58	0	0	1	0	
NY BUFFALO	80	64	82	62	72	1	0.78	0.08	0.53	7.93	111	23.98	108	87	57	0	0	4	1	
NY ROCHESTER	81	63	82	62	72	1	0.60	-0.05	0.34	6.86	106	19.83	104	84	57	0	0	2	0	
NY SYRACUSE	80	64	82	57	72	1	0.38	-0.39	0.24	8.27	104	24.12	107	90	56	0	0	3	0	
NC ASHEVILLE	89	64	92	60	77	4	0.53	-0.36	0.48	4.87	57	19.91	69	93	55	3	0	3	0	
NC CHARLOTTE	93	71	96	68	82	2	0.45	-0.40	0.26	6.26	84	21.39	82	91	43	7	0	2	0	
NC GREENSBORO	93	71	94	68	82	4	0.29	-0.62	0.25	4.47	54	19.43	74	83	41	7	0	3	0	
NC HATTERAS	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	0	0	0	0
NC RALEIGH	93	72	95	70	83	4	0.24	-0.67	0.10	10.16	128	27.16	104	86	51	7	0	3	0	
NC WILMINGTON	93	75	95	73	84	3	1.62	-0.07	0.65	17.27	128	33.98	102	94	52	6	0	7	1	
ND BISMARCK	89	60	93	52	75	3	0.86	0.33	0.61	7.21	136	10.18	94	89	49	3	0	6	1	
ND DICKINSON	91	58	97	49	74	3	0.31	0.00	0.30	4.27	77	6.39	58	85	21	4	0	2	0	
ND FARGO	84	60	85	53	72	0	0.42	-0.16	0.12	8.12	124	14.08	108	87	47	0	0	5	0	
ND GRAND FORKS	82	55	86	50	69	-1	2.70	2.04	2.51	7.16	114	9.85	83	94	49	0	0	2	1	
ND JAMESTOWN	82	57	85	50	69	-3	0.44	-0.19	0.19	10.45	162	12.43	103	91	48	0	0	4	0	
ND WILLISTON	91	58	101	49	75	4	0.84	0.44	0.35	3.77	79	6.01	64	81	37	4	0	4	0	
OH AKRON-CANTON	83	63	86	58	73	1	0.16	-0.69	0.16	10.34	132	28.32	123	86	55	0	0	1	0	
OH CINCINNATI	87	68	91	65	78	2	0.09	-0.75	0.08	8.37	100	34.65	131	89	52	2	0	2	0	
OH CLEVELAND	85	65	88	60	75	3	0.05	-0.67	0.03	8.27	109	29.01	131	87	45	0	0	2	0	
OH COLUMBUS	87	68	91	61	77	2	0.00	-0.94	0.00	12.04	135	30.46	129	79	47	2	0	0	0	
OH DAYTON	84	66	86	59	75	1	0.00	-0.80	0.00	12.53	153	32.28	131	86	50	0	0	0	0	
OH MANSFIELD	83	63	87	56	73	2	0.04	-0.92	0.02	9.97	111	31.09	121	89	46	0	0	2	0	

Weather Data for the Week Ending August 2, 2008

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	0.1 INCH OR MORE	5.0 INCH OR MORE
OK TOLEDO	88	64	90	58	76	3	0.00	-0.58	0.00	10.00	148	26.68	136	85	45	2	0	0	0
OK YOUNGSTOWN	82	61	85	57	72	2	1.31	0.55	1.06	10.58	129	31.65	141	87	52	0	0	2	1
OK OKLAHOMA CITY	100	74	105	71	87	4	0.03	-0.48	0.03	6.92	90	22.47	103	75	35	7	0	1	0
OR TULSA	99	76	103	72	87	3	0.00	-0.52	0.00	14.07	180	40.63	163	78	44	7	0	0	0
OR ASTORIA	65	52	67	45	58	-3	0.48	0.35	0.24	3.25	86	33.98	92	92	74	0	0	4	0
OR BURNS	86	45	90	42	66	-1	0.00	-0.08	0.00	0.53	49	4.85	74	64	32	1	0	0	0
OR EUGENE	78	51	85	45	65	-2	0.00	-0.09	0.00	0.68	31	17.31	61	83	54	0	0	0	0
OR MEDFORD	88	57	93	54	73	-1	0.00	-0.06	0.00	0.09	9	8.14	82	68	26	1	0	0	0
OR PENDLETON	83	56	87	49	69	-5	0.29	0.21	0.08	1.68	139	6.90	92	60	36	0	0	6	0
OR PORTLAND	75	57	84	51	66	-3	0.04	-0.07	0.03	1.61	69	16.47	81	78	57	0	0	2	0
OR SALEM	76	53	83	48	64	-4	0.03	-0.03	0.03	0.77	38	16.94	77	81	60	0	0	1	0
PA ALLENTOWN	84	64	87	62	74	1	0.78	-0.16	0.55	9.28	109	30.07	114	89	62	0	0	2	1
PA ERIE	82	66	83	63	74	2	0.15	-0.55	0.15	9.05	116	26.90	120	79	59	0	0	1	0
PA MIDDLETOWN	87	67	90	61	77	1	0.60	-0.13	0.55	6.12	80	26.94	111	91	45	1	0	2	1
PA PHILADELPHIA	87	71	90	65	79	1	0.42	-0.52	0.38	6.37	80	22.45	88	82	47	2	0	2	0
PA PITTSBURGH	84	64	86	60	74	1	0.61	-0.17	0.56	8.81	106	25.02	107	91	44	0	0	2	1
PA WILKES-BARRE	83	62	86	59	73	1	0.24	-0.43	0.24	7.32	93	26.78	121	87	48	0	0	1	0
PA WILLIAMSPORT	86	61	88	57	74	1	0.14	-0.59	0.14	9.92	114	28.14	114	88	47	0	0	1	0
RI PROVIDENCE	84	67	87	63	75	1	1.09	0.34	0.90	7.90	117	30.35	113	85	54	0	0	3	1
SC BEAUFORT	95	76	97	74	85	3	0.34	-1.08	0.20	7.07	60	19.84	69	90	54	7	0	3	0
SC CHARLESTON	93	74	94	73	84	3	0.38	-1.01	0.24	7.59	61	21.94	73	90	57	6	0	2	0
SC COLUMBIA	95	73	98	71	84	2	0.41	-0.83	0.37	6.69	61	21.88	73	88	49	7	0	2	0
SC GREENVILLE	86	71	99	69	84	5	1.89	0.85	1.52	4.95	56	21.41	69	91	38	7	0	4	1
SD ABERDEEN	95	61	87	55	73	0	2.54	1.96	0.80	11.41	173	15.64	117	90	61	0	0	5	2
SD HURON	86	64	89	59	75	1	0.80	0.27	0.48	6.61	105	12.83	90	90	54	0	0	3	0
SD RAPID CITY	92	62	95	59	77	4	0.02	-0.39	0.01	6.11	123	16.32	140	77	33	5	0	2	0
SD SIOUX FALLS	86	65	89	61	76	2	0.24	-0.39	0.11	6.56	99	14.76	95	86	60	0	0	4	0
TN BRISTOL	88	65	91	60	77	3	1.08	0.27	0.79	7.01	84	22.27	83	97	50	3	0	5	1
TN CHATTANOOGA	93	72	94	71	83	3	0.35	-0.54	0.22	7.20	80	26.86	79	92	54	7	0	3	0
TN KNOXVILLE	90	71	91	68	80	2	1.68	0.81	1.56	9.26	103	28.66	91	92	53	4	0	3	1
TN MEMPHIS	97	75	101	72	86	3	1.12	0.37	1.07	5.46	63	38.93	115	87	49	7	0	2	1
TN NASHVILLE	93	74	95	73	83	4	0.34	-0.41	0.31	6.54	81	32.13	109	91	51	6	0	2	0
TX ABILENE	101	74	106	70	88	4	0.29	-0.13	0.29	2.83	58	12.60	98	66	34	7	0	1	0
TX AMARILLO	94	66	98	63	80	2	1.89	1.27	1.89	7.65	125	11.24	92	79	31	6	0	1	1
TX AUSTIN	100	74	102	68	87	2	0.00	-0.45	0.00	2.17	37	12.16	62	85	43	7	0	0	0
TX BEAUMONT	94	74	97	72	84	1	0.47	-0.49	0.47	5.02	42	20.91	61	97	49	6	0	1	0
TX BROWNSVILLE	91	78	91	75	84	0	0.00	-0.33	0.00	13.87	289	19.49	153	92	61	7	0	0	0
TX CORPUS CHRISTI	90	75	92	73	83	-1	0.00	-0.48	0.00	10.21	180	17.37	106	98	64	5	0	0	0
TX DEL RIO	99	76	102	72	87	1	0.00	-0.37	0.00	3.96	89	5.28	48	79	52	7	0	0	0
TX EL PASO	93	71	98	68	82	-1	0.22	-0.14	0.21	4.93	200	5.27	126	64	32	5	0	2	0
TX FORT WORTH	103	80	105	76	92	6	0.36	-0.14	0.36	1.65	30	16.35	77	64	27	7	0	1	0
TX GALVESTON	91	80	93	78	86	1	0.00	-0.69	0.00	3.43	45	13.35	57	85	59	7	0	0	0
TX HOUSTON	98	76	101	74	87	3	0.00	-0.65	0.00	3.19	37	20.25	74	89	45	7	0	0	0
TX LUBBOCK	97	69	101	64	83	3	0.32	-0.10	0.16	5.01	96	12.29	114	77	37	7	0	2	0
TX MIDLAND	98	72	100	66	85	3	0.83	0.44	0.47	3.38	91	4.58	59	76	40	7	0	5	0
TX SAN ANGELO	102	72	106	65	87	4	0.20	-0.07	0.15	2.54	69	9.51	84	74	31	7	0	3	0
TX SAN ANTONIO	96	77	98	74	87	2	0.00	-0.43	0.00	3.89	60	7.82	41	86	40	7	0	0	0
TX VICTORIA	98	72	100	67	85	0	0.00	-0.50	0.00	2.33	29	13.06	57	96	46	7	0	0	0
TX WACO	102	77	104	74	89	3	0.44	0.00	0.22	3.65	67	20.40	104	77	36	7	0	3	0
TX WICHITA FALLS	105	77	110	73	91	6	0.18	-0.15	0.18	4.54	85	14.16	84	63	33	7	0	1	0
UT SALT LAKE CITY	97	69	103	64	83	5	0.00	-0.17	0.00	0.89	58	6.54	64	44	16	7	0	0	0
VT BURLINGTON	80	62	84	58	71	0	1.80	0.92	1.16	13.80	180	27.53	137	91	54	0	0	5	1
VA LYNCHBURG	91	66	96	61	79	4	0.01	-0.86	0.01	3.02	36	17.10	65	89	37	5	0	1	0
VA NORFOLK	90	73	93	70	82	3	0.75	-0.43	0.42	7.12	77	24.10	87	90	52	6	0	2	0
VA RICHMOND	93	72	96	69	83	5	0.85	-0.20	0.82	7.70	90	28.99	110	84	49	6	0	2	1
VA ROANOKE	88	68	93	61	78	2	0.26	-0.59	0.14	8.32	105	20.43	79	81	56	3	0	3	0
WA WASH/DULLES	89	68	93	59	79	3	0.19	-0.59	0.09	6.51	83	28.56	116	85	55	4	0	3	0
WA OLYMPIA	71	49	80	41	60	-4	0.36	0.25	0.14	1.95	74	20.30	74	89	62	0	0	3	0
WA QUILLAYUTE	61	49	64	39	55	-5	2.21	1.71	1.24	5.77	96	41.02	73	95	84	0	0	5	2
WA SEATTLE-TACOMA	71	54	78	51	62	-4	0.33	0.21	0.13	2.21	95	14.34	73	85	60	0	0	3	0
WA SPOKANE	78	54	84	50	66	-4	0.00	-0.14	0.00	1.00	51	9.17	94	59	23	0	0	0	0
WA YAKIMA	82	48	88	42	65	-5	0.00	-0.03	0.00	0.54	64	2.47	54	73	35	0	0	0	0
WV BECKLEY	80	61	83	54	71	0	1.95	0.99	1.02	10.67	119	28.46	107	93	61	0	0	4	2
WV CHARLESTON	86	66	90	58	76	2	1.25	0.21	0.71	11.45	124	32.26	119	92	53	1	0	4	1
WV ELKINS	***	***	***	***	***	***	***	***	***	***	***	30.56	108	***	***	***	***	***	***
WV HUNTINGTON	87	66	91	58	76	1	0.86	-0.15	0.58	7.44	86	28.47	107	93	50	3	0	2	1
WI EAU CLAIRE	86	57	90	51	71	-1	0.05	-0.87	0.04	8.92	105	20.15	107	95	39	1	0	2	0
WI GREEN BAY	83	60	86	56	72	2	1.55	0.78	0.98	11.02	155	25.53	153	88	49	0	0	2	2
WI LA CROSSE	87	62	90	57	75	1	0.09	-0.82	0.07	13.99	164	28.84	148	95	44	1	0	2	0
WI MADISON	85	61	87	56	73	1	0.04	-0.85	0.04	16.56	201	33.49	170	92	52	0	0	1	0
WI MILWAUKEE	81	65	88	61	73	1	0.00	-0.81	0.00	15.52	210	31.36	154	87	55	0	0	0	0
WY CASPER	95	57	99	48	76	5	0.00	-0.23	0.00	1.23	44	8.12	92	46	19	6	0	0	0
WY CHEYENNE	92	60	98	56	76	8	0.00	-0.46	0.00	2.35	52	6.33	60	44	13	5	0	0	0
WY LANDER	95	60	98	56	77	5	0.00	-0.14	0.00	1.03	51	9.54	109	36	9	7	0	0	0
WY SHERIDAN	94	55	103	48	74	3	0.00	-0.15	0.00	3.09	97	10.92	113	64	20	7	0	0	0

Based on 1971-2000 normals

\*\*\* Not Available

## National Agricultural Summary

July 28 - August 3, 2008

Weekly National Agricultural Summary provided by USDA/NASS

**Corn:** Acreage at or beyond silking reached 83 percent, 12 points behind last year and 8 points behind the 5-year average. Nearly one-fourth of the crop reached the silking stage during the week, with major development occurring in North Dakota, Minnesota, South Dakota, and Wisconsin. Iowa's corn development was well behind normal, with only 73 percent at or beyond silking, 20 points behind the 5-year average. Development was delayed in all States except Colorado, Michigan, North Carolina, and Pennsylvania. Silking was complete in North Carolina, but was still ongoing elsewhere. Nationally, corn acreage was 17 percent at or beyond the dough stage, 20 points behind last year and 15 points behind the normal pace. No corn acreage had reached the dough stage in Minnesota and Wisconsin, but more than half had reached the dough stage in North Carolina, Tennessee, and Texas. Condition of the corn crop was rated 66 percent good to excellent, unchanged from a week ago.

**Soybeans:** Seventy-eight percent of the soybean acreage was at or beyond the blooming stage, 12 points behind last year and 10 points behind normal. Most of the soybean-producing areas received some moisture during the week, except Minnesota and Wisconsin. Portions of Iowa, Missouri, and Illinois received 2 to 4 inches of rain, with some areas in Missouri receiving more than 4 inches. Arkansas, Illinois, Indiana, and Iowa were all 12 or more points behind the 5-year average pace for blooming. However, Missouri continued to lag the furthest behind, with only 48 percent blooming, compared with 71 percent last year and 75 percent for the 5-year average. All States lagged the normal pace except Michigan, North Carolina and Tennessee. Pod-setting had occurred on 37 percent of the nation's soybean acreage, 27 points behind last year and 21 points behind normal. Pod-setting was delayed in all States except Michigan, North Carolina, and Tennessee. Condition of the crop was rated 63 percent good to excellent, up 1 point from last week.

**Winter Wheat:** Eighty-six percent of the winter wheat crop was harvested, 7 points behind last year and 6 points behind the 5-year average. Harvest was virtually complete in all States except Idaho, Montana, Oregon, South Dakota, and Washington. In Montana, South Dakota, and Idaho, harvest progress was 46, 29 and 22 points behind normal, respectively.

**Cotton:** Acreage at or beyond the squaring stage reached 92 percent, 1 point behind last year and 3 points behind the 5-year average. Squaring was complete or nearly complete in all States except Oklahoma and Texas. The most rapid squaring advancement occurred in Oklahoma, where 13 percent of the acreage reached or exceeded squaring during the week. Sixty-seven percent of the cotton acreage was setting bolls, 2 points ahead of last year but 5 points behind the 5-year average. In Arizona and Oklahoma, boll-setting was delayed by 19 or more points. Elsewhere, progress ranged from 11 points behind normal in Kansas to 10 points ahead of normal in Missouri. Cotton bolls were opening on 8 percent of the nation's cotton acreage. The most significant progress was in Texas, at 16 percent, and Arizona, at 10 percent. Cotton condition was rated 47 percent good to excellent nationally, unchanged from the previous week.

**Sorghum:** Fifty-one percent of the national sorghum crop reached heading by week's end, 13 points behind last year and 9 points behind the 5-year average. Delays were evident in all States when compared with normal, except in Colorado and New Mexico, where heading was ahead of the 5-year average by 26 and 9 points, respectively. Coloring, at 30 percent nationally, was 5 points behind last year but 1 point ahead of the 5-year average. Development in Arkansas significantly lagged the 5-year average, while Colorado's progress was 38 points ahead. In Louisiana, where coloring advanced 16 points during the week, progress was 14 points ahead of the normal pace. Nationally, 22 percent of the sorghum acreage had reached maturity, the same as last year but 3 points ahead of the 5-year average. Texas acreage was 56 percent mature and Louisiana acreage was 42 percent mature. Condition of the crop was rated 50 percent good to excellent, down 1 point from last week.

**Rice:** Rice acreage at or beyond the heading stage reached 39 percent, 22 points behind last year and 20 points behind the 5-year average. In Louisiana and Texas, 87 percent or more of the acreage was at or beyond heading. Development advanced 10 or more points during the week in all States except Louisiana. In the Delta, heading in Arkansas and Mississippi lagged 33 and 31 points behind the respective 5-year average paces. Rice condition was rated 71 percent good to excellent, an increase of 1 point when compared with the previous week.

**Small Grains:** Barley harvest was 8 percent complete, 24 points behind last season and 12 points behind the 5-year average. Barley harvest was underway in all States. In Washington, harvest was 15 percent complete by week's end, 14 points behind last year and 8 points behind the 5-year average. In Minnesota, harvest was 5 percent complete, 48 points behind last year and 27 points behind the 5-year average. Barley condition was rated 53 percent good to excellent, 4 points lower than last week.

Oat harvest was 34 percent complete, 28 points behind last year and 18 points behind the 5-year average. Texas harvest was complete, 3 points ahead of last year and 1 point ahead of the 5-year average. All other areas were behind the normal pace. Oat condition was rated 57 percent good to excellent, unchanged from the previous week.

Spring wheat harvest was 6 percent complete, 17 points behind last year and 13 points behind the 5-year average. Washington led the way with 10 percent harvested, followed by South Dakota at 9 percent. However, those states trailed their respective 5-year averages by 16 and 47 points. Spring wheat condition was rated 56 percent good to excellent, 4 points below the previous week.

**Other Crops:** Peanut pegging reached 89 percent by week's end, 4 points ahead of last year's pace but 1 point behind the 5-year average. Development was within 6 points of normal in all States. Condition of the crop was rated 60 percent good to excellent, a 2 point decline from the previous week.

## Crop Progress and Condition

### Week Ending August 3, 2008

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

Corn Percent Silking				
	Aug 3	Prev	Prev	5-Yr
	2008	Week	Year	Avg
CO	80	57	81	69
IL	92	79	100	98
IN	86	68	97	93
IA	73	45	94	93
KS	94	88	99	98
KY	90	82	95	94
MI	86	68	85	79
MN	82	34	99	95
MO	86	76	95	97
NE	92	72	96	95
NC	100	100	99	98
ND	67	18	92	83
OH	85	62	94	92
PA	80	65	82	77
SD	60	20	81	72
TN	99	96	100	100
TX	95	91	98	97
WI	62	32	86	72
18 Sts	83	59	95	91
These 18 States planted 91% of last year's corn acreage.				

Soybeans Percent Blooming				
	Aug 3	Prev	Prev	5-Yr
	2008	Week	Year	Avg
AR	73	61	84	85
IL	74	53	96	93
IN	73	52	90	85
IA	83	67	96	95
KS	77	63	79	82
KY	64	48	79	69
LA	93	90	100	94
MI	84	79	85	80
MN	88	71	94	93
MS	98	97	100	99
MO	48	28	71	75
NE	83	64	90	92
NC	55	43	54	55
ND	93	83	97	95
OH	86	72	94	90
SD	86	67	93	90
TN	80	70	86	80
WI	77	60	91	79
18 Sts	78	62	90	88
These 18 States planted 95% of last year's soybean acreage.				

Winter Wheat Percent Harvested				
	Aug 3	Prev	Prev	5-Yr
	2008	Week	Year	Avg
AR	100	100	100	100
CA	99	99	100	99
CO	100	88	100	100
ID	9	4	42	31
IL	100	100	100	100
IN	100	98	100	100
KS	100	100	100	100
MI	97	85	100	95
MO	100	99	100	100
MT	16	2	78	62
NE	98	90	100	99
NC	100	100	100	100
OH	100	100	100	100
OK	100	100	96	99
OR	65	45	76	63
SD	67	22	99	96
TX	100	100	96	99
WA	42	18	52	46
18 Sts	86	79	93	92
These 18 States harvested 90% of last year's winter wheat acreage.				

Corn Percent Dough				
	Aug 3	Prev	Prev	5-Yr
	2008	Week	Year	Avg
CO	16	5	16	13
IL	27	11	66	54
IN	8	0	40	35
IA	2	0	22	19
KS	46	24	57	55
KY	31	18	46	46
MI	14	2	10	8
MN	0	0	14	6
MO	30	11	64	69
NE	20	4	42	33
NC	88	79	85	78
ND	1	0	26	13
OH	9	1	25	23
PA	16	7	21	22
SD	6	0	16	11
TN	82	56	85	86
TX	69	64	69	78
WI	0	0	13	8
18 Sts	17	7	37	32
These 18 States planted 91% of last year's corn acreage.				

Soybeans Percent Setting Pods				
	Aug 3	Prev	Prev	5-Yr
	2008	Week	Year	Avg
AR	50	37	66	66
IL	31	15	73	62
IN	18	10	54	49
IA	48	26	76	70
KS	41	22	43	47
KY	24	10	53	43
LA	80	73	94	82
MI	50	36	59	47
MN	34	10	71	58
MS	89	86	94	94
MO	17	6	40	41
NE	37	16	57	58
NC	24	13	25	21
ND	57	32	81	72
OH	39	19	65	55
SD	24	9	53	47
TN	61	47	69	61
WI	32	17	58	47
18 Sts	37	21	64	58
These 18 States planted 95% of last year's soybean acreage.				

Peanuts Percent Pegging				
	Aug 3	Prev	Prev	5-Yr
	2008	Week	Year	Avg
AL	70	60	66	73
FL	95	90	84	94
GA	92	84	88	95
NC	97	93	96	94
OK	92	85	94	97
SC	95	89	91	92
TX	88	81	84	87
VA	90	84	87	84
8 Sts	89	82	85	90
These 8 States planted 98% of last year's peanut acreage.				

**Crop Progress and Condition**

**Week Ending August 3, 2008**

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

<b>Cotton Percent Squaring</b>				
	Aug 3	Prev	Prev	5-Yr
	2008	Week	Year	Avg
AL	98	95	92	96
AZ	97	90	100	99
AR	100	100	100	100
CA	97	95	99	98
GA	96	93	94	98
KS	100	100	100	86
LA	98	97	100	100
MS	100	99	100	100
MO	100	98	100	100
NC	100	100	100	99
OK	79	66	77	88
SC	96	88	94	95
TN	100	99	100	100
TX	85	81	88	91
VA	93	90	98	98
15 Sts	92	89	93	95
These 15 States planted 99% of last year's cotton acreage.				

<b>Cotton Percent Bolls Opening</b>				
	Aug 3	Prev	Prev	5-Yr
	2008	Week	Year	Avg
AL	2	NA	0	1
AZ	10	NA	17	11
AR	0	NA	0	0
CA	2	NA	1	2
GA	0	NA	0	0
KS	0	NA	0	0
LA	4	NA	0	1
MS	0	NA	1	1
MO	0	NA	3	1
NC	0	NA	0	0
OK	0	NA	1	0
SC	0	NA	1	1
TN	0	NA	1	0
TX	16	NA	6	12
VA	0	NA	5	3
15 Sts	8	NA	3	6
These 15 States planted 99% of last year's cotton acreage.				

<b>Sorghum Percent Coloring</b>				
	Aug 3	Prev	Prev	5-Yr
	2008	Week	Year	Avg
AR	41	24	72	65
CO	40	30	2	2
IL	2	0	16	11
KS	2	1	2	4
LA	88	72	72	74
MO	5	0	11	14
NE	0	0	0	0
NM	8	0	3	1
OK	13	8	8	14
SD	1	0	7	9
TX	62	59	77	58
11 Sts	30	27	35	29
These 11 States planted 95% of last year's sorghum acreage.				

<b>Cotton Percent Setting Bolls</b>				
	Aug 3	Prev	Prev	5-Yr
	2008	Week	Year	Avg
AL	73	61	62	73
AZ	70	60	87	89
AR	98	91	99	96
CA	82	75	92	79
GA	78	66	67	84
KS	40	5	61	51
LA	88	84	98	98
MS	93	81	94	93
MO	93	80	84	83
NC	82	74	87	86
OK	27	19	27	50
SC	58	43	37	53
TN	83	74	92	86
TX	50	41	45	57
VA	71	62	92	80
15 Sts	67	58	65	72
These 15 States planted 99% of last year's cotton acreage.				

<b>Barley Percent Harvested</b>				
	Aug 3	Prev	Prev	5-Yr
	2008	Week	Year	Avg
ID	3	1	12	9
MN	5	1	53	32
MT	8	0	31	17
ND	10	3	39	24
WA	15	1	29	23
5 Sts	8	2	32	20
These 5 States harvested 85% of last year's barley acreage.				

<b>Sorghum Percent Mature</b>				
	Aug 3	Prev	Prev	5-Yr
	2008	Week	Year	Avg
AR	1	NA	9	5
CO	0	NA	0	0
IL	0	NA	0	0
KS	0	NA	0	0
LA	42	NA	24	29
MO	0	NA	0	0
NE	0	NA	0	0
NM	0	NA	0	0
OK	0	NA	0	0
SD	0	NA	0	0
TX	56	NA	55	49
11 Sts	22	NA	22	19
These 11 States planted 95% of last year's sorghum acreage.				

<b>Sorghum Percent Headed</b>				
	Aug 3	Prev	Prev	5-Yr
	2008	Week	Year	Avg
AR	89	80	100	96
CO	64	41	39	38
IL	39	36	87	69
KS	34	21	39	45
LA	98	97	99	98
MO	46	33	62	70
NE	18	5	46	47
NM	30	8	14	21
OK	30	25	44	43
SD	30	5	76	61
TX	70	67	91	74
11 Sts	51	42	64	60
These 11 States planted 95% of last year's sorghum acreage.				

<b>Oats Percent Harvested</b>				
	Aug 3	Prev	Prev	5-Yr
	2008	Week	Year	Avg
IA	42	15	87	88
MN	19	4	69	47
NE	86	49	92	92
ND	12	5	24	22
OH	52	16	88	61
PA	40	17	45	36
SD	29	8	84	70
TX	100	100	97	99
WI	24	4	61	46
9 Sts	34	18	62	52
These 9 States harvested 71% of last year's oat acreage.				

## Crop Progress and Condition

### Week Ending August 3, 2008

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

Rice Percent Headed				
	Aug 3 2008	Prev Week	Prev Year	5-Yr Avg
AR	25	11	60	58
CA	20	10	29	25
LA	87	79	88	88
MS	50	37	86	81
MO	44	34	56	51
TX	93	77	92	91
6 Sts	39	27	61	59
These 6 States planted 100% of last year's rice acreage.				

Spring Wheat Percent Harvested				
	Aug 3 2008	Prev Week	Prev Year	5-Yr Avg
ID	2	0	9	6
MN	2	0	24	16
MT	8	0	17	13
ND	5	2	18	14
SD	9	0	63	56
WA	10	3	30	26
6 Sts	6	1	23	19
These 6 States harvested 99% of last year's spring wheat acreage.				

Corn Crop Condition by Percent					
	VP	P	F	G	EX
CO	9	15	32	31	13
IL	2	5	20	53	20
IN	3	8	22	49	18
IA	2	8	26	48	16
KS	3	10	34	46	7
KY	1	7	18	41	33
MI	3	6	25	47	19
MN	2	6	20	54	18
MO	3	11	35	41	10
NE	2	4	19	58	17
NC	14	28	39	18	1
ND	2	7	25	53	13
OH	4	9	27	42	18
PA	0	6	21	43	30
SD	1	5	13	57	24
TN	3	10	32	42	13
TX	14	23	40	21	2
WI	3	6	22	50	19
18 Sts	3	7	24	49	17
Prev Wk	3	7	24	49	17
Prev Yr	6	12	26	40	16

Soybeans Crop Condition by Percent					
	VP	P	F	G	EX
AR	5	13	34	36	12
IL	3	6	27	53	11
IN	3	8	26	49	14
IA	2	7	29	48	14
KS	1	5	32	56	6
KY	2	10	22	42	24
LA	4	13	35	44	4
MI	3	7	29	45	16
MN	1	4	21	57	17
MS	4	10	30	44	12
MO	3	12	42	36	7
NE	2	4	19	61	14
NC	2	11	44	41	2
ND	1	5	17	63	14
OH	5	11	30	40	14
SD	0	4	13	58	25
TN	7	14	30	41	8
WI	2	5	21	55	17
18 Sts	3	7	27	50	13
Prev Wk	3	8	27	49	13
Prev Yr	4	11	29	43	13

Cotton Crop Condition by Percent					
	VP	P	F	G	EX
AL	1	11	44	39	5
AZ	0	0	26	64	10
AR	1	5	34	46	14
CA	0	1	4	25	70
GA	5	9	36	41	9
KS	5	15	45	30	5
LA	4	16	34	45	1
MS	3	4	27	53	13
MO	3	8	20	62	7
NC	1	5	26	62	6
OK	1	12	47	39	1
SC	12	21	35	31	1
TN	1	8	30	57	4
TX	11	23	34	25	7
VA	0	9	37	49	5
15 Sts	6	15	32	37	10
Prev Wk	6	14	33	36	11
Prev Yr	4	11	31	40	14

Sorghum Crop Condition by Percent					
	VP	P	F	G	EX
AR	1	6	43	39	11
CO	12	18	52	17	1
IL	0	3	40	48	9
KS	3	11	29	54	3
LA	2	7	42	48	1
MO	1	6	46	43	4
NE	1	3	19	64	13
NM	20	0	33	43	4
OK	2	33	38	23	4
SD	3	3	17	53	24
TX	6	17	37	36	4
11 Sts	4	13	33	45	5
Prev Wk	4	12	33	44	7
Prev Yr	1	6	25	54	14

Oats Crop Condition by Percent					
	VP	P	F	G	EX
IA	2	8	33	46	11
MN	1	3	21	55	20
NE	1	1	9	62	27
ND	8	20	45	25	2
OH	0	4	22	56	18
PA	2	0	12	64	22
SD	3	3	13	61	20
TX	21	22	20	36	1
WI	1	4	17	60	18
9 Sts	8	12	23	46	11
Prev Wk	8	11	24	47	10
Prev Yr	2	9	26	50	13

Peanuts Crop Condition by Percent					
	VP	P	F	G	EX
AL	2	6	38	47	7
FL	0	0	16	46	38
GA	2	7	34	46	11
NC	0	1	19	69	11
OK	0	1	29	63	7
SC	8	3	37	50	2
TX	3	6	44	44	3
VA	0	6	20	56	18
8 Sts	2	5	33	48	12
Prev Wk	1	5	32	51	11
Prev Yr	3	8	35	45	9

**Crop Progress and Condition**

**Week Ending August 3, 2008**

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

Spring Wheat Crop Condition by Percent					
	VP	P	F	G	EX
ID	1	3	23	69	4
MN	0	1	15	60	24
MT	7	12	38	40	3
ND	5	14	31	41	9
SD	2	5	21	51	21
WA	5	29	44	20	2
6 Sts	4	11	29	45	11
Prev Wk	4	9	27	46	14
Prev Yr	4	7	20	55	14

Rice Crop Condition by Percent					
	VP	P	F	G	EX
AR	1	5	26	52	16
CA	1	5	27	51	16
LA	0	3	20	72	5
MS	0	3	13	47	37
MO	0	1	10	45	44
TX	1	2	43	44	10
6 Sts	1	4	24	54	17
Prev Wk	1	4	25	53	17
Prev Yr	0	3	24	53	20

Barley Crop Condition by Percent					
	VP	P	F	G	EX
ID	2	6	18	71	3
MN	1	2	16	53	28
MT	2	7	40	39	12
ND	4	14	34	41	7
WA	4	14	54	28	0
5 Sts	3	10	34	45	8
Prev Wk	3	9	31	50	7
Prev Yr	7	9	22	53	9

Pasture and Range Crop Condition by Percent												
Week Ending Aug 3, 2008												
	VP	P	F	G	EX		VP	P	F	G	EX	
AL	7	22	40	29	2		NH	0	4	19	64	13
AZ	24	14	25	28	9		NJ	0	0	30	70	0
AR	1	16	39	40	4		NM	4	15	45	36	0
CA	80	20	0	0	0		NY	1	8	20	51	20
CO	31	27	29	11	2		NC	14	30	34	20	2
CT	0	2	27	71	0		ND	17	32	27	23	1
DE	3	22	56	17	2		OH	1	7	29	49	14
FL	0	0	20	65	15		OK	6	18	38	34	4
GA	11	22	38	28	1		OR	13	26	40	20	1
ID	2	12	35	45	6		PA	4	17	31	41	7
IL	1	1	19	63	16		RI	0	20	30	50	0
IN	3	8	28	46	15		SC	25	29	31	15	0
IA	1	5	26	53	15		SD	1	3	22	52	22
KS	11	9	29	44	7		TN	8	21	40	28	3
KY	3	16	40	38	3		TX	24	33	32	10	1
LA	7	27	36	25	5		UT	5	12	27	46	10
ME	0	17	24	56	3		VT	0	8	16	71	5
MD	4	10	32	45	9		VA	6	20	37	33	4
MA	0	0	9	91	0		WA	10	23	24	43	0
MI	3	14	41	36	6		WV	0	3	14	73	10
MN	3	11	31	50	5		WI	3	8	21	52	16
MS	11	22	27	32	8		WY	1	13	39	37	10
MO	1	5	27	56	11		48 Sts	12	17	29	35	7
MT	8	23	38	24	7							
NE	1	8	24	54	13		Prev Wk	11	15	30	37	7
NV	2	16	62	18	2		Prev Yr	15	18	27	30	10

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 2007 planted acres.

## 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 5.8. Topsoil moisture 16% very short, 38% short, 46% adequate, 0% surplus. Corn condition 14% very poor, 21% poor, 34% fair, 27% good, 4% excellent; 95% dough stage, 90% 2007, 87% avg.; 70% dented, 57% 2007, 61% avg.; 17% mature, 38% 2007, 30% avg.; harvested, 11% 2007, 9% avg. Soybean condition 10% very poor, 23% poor, 42% fair, 24% good, 1% excellent; 73% blooming, 83% 2007, 72% avg.; 41% setting pods, 42% 2007, 43% avg.; 0% dropping leaves, 2% 2007, 2% avg. Livestock condition 1% very poor, 13% poor, 35% fair, 49% good, 2% excellent. Pasture and range condition 7% very poor, 22% poor, 40% fair, 29% good, 2% excellent. Although rainfall has been somewhat frequent during recent weeks, the quantity has not been enough to recharge the reservoirs, streams, or water table. Average temperatures during the past week reached as many as six degrees above normal. Crop conditions continued to vary, with crops burning up in areas that have not received much rain while crops in locations that have been lucky enough to see adequate rainfall look fair to good. Producers spent the week preparing their equipment for the corn harvest, and making fungicide and insecticide applications to cotton and peanuts. Rainfall during the past week helped to improve pasture and hayfield performance in isolated locations. Some producers were advertising and selling surplus hay. Armyworms were reported in Baldwin and Mobile County pastures. The majority of the state's livestock remained in mostly good to excellent condition during the past week. Some producers sold part of their herds to help stretch the supply of available pasture grass.

**ALASKA:** Days suitable for fieldwork 3.0. Topsoil moisture 75% adequate, 25% surplus. Subsoil moisture 100% adequate. Barley 15% turning color, condition 30% fair, 45% good, 25% excellent. Oats 25% in dough, condition 20% fair, 60% good, 20% excellent. Potatoes 25% in bloom. Hay harvest 70% complete. Hay condition 15% poor, 25% fair, 50% good, 10% excellent. Crop growth 30% slow, 60% moderate, 10% rapid. Wind or rain damage to crops was reported as 80% none, 10% light, 10% moderate. Over 2 inches of rain fell in the Tanana Valley causing flooding along the river. The main farm activities for the week were cutting hay, weed control, general maintenance.

**ARIZONA:** Temperatures were mostly above normal across the State for the week ending August 3, ranging from 2 degrees below normal to 7 degrees above normal. Precipitation was reported at 6 of the 22 reporting stations. Cotton squaring is virtually complete across the State. Seventy percent of the cotton acreage has set bolls, with 10 percent of the bolls opening. Cotton condition in the State varies from fair to excellent. Alfalfa harvest remains active on over half of the State's acreage. Range and pasture conditions across the State are very poor to good, depending on location and elevation.

**ARKANSAS:** Days suitable for fieldwork 6.8. Topsoil moisture 25% very short, 50% short, 24% adequate, 1% surplus. Subsoil moisture 21% very short, 42% short, 36% adequate, 1% surplus. Corn 90% dough, 97% 2007, 94% avg.; 63% dent, 83% 2007, 67% avg.; 4% mature, 19% 2007, 12% avg. condition 5% poor, 25% fair, 48% good, 22% excellent; in the dough stage and beyond increased 15% from the previous week. The dent stage was 20% behind last year and 4% behind the 5-year average. Corn reaching maturity was 15% behind last year and 8% behind the 5-year average. Even with the dry and hot conditions, 22% of the corn was rated in excellent condition. Only 2% of the cotton crop was left to set bolls. Last week was the first time this season that any of the cotton crop was rated in very poor condition. Rice headed advanced 14% by week's end. Sorghum headed was 11% behind 2007 and 7% behind the 5-year average. Sorghum coloring increased 17% by week's end, and the crop started to mature. Soybeans blooming was a week behind last year and the 5-year average. Setting pods was 16% behind 2007 and the 5-year average. The condition of rice, sorghum, and soybeans was mostly fair to good. Persistent dry and hot conditions forced producers to continue to irrigate row crops. Armyworms have been a common problem in soybean and cotton fields, and producers have been treating for them. Producers applied fungicides to rice and insecticides to rice, soybeans, and cotton. Farmers continued to harvest peaches last week, and melon harvest was in full swing. Heat stress on livestock continued to be a major concern for producers last week, but livestock remained in fair to good condition. At least 12% of pasture and range and hay crops were in very poor to poor condition for the first time this year as the hot and dry conditions were taking a toll. Producers were still harvesting hay where growth allowed.

**CALIFORNIA:** Wheat fields were being harvested for feed, grain. Alfalfa was still being cut, baled, but quality was down due to hot weather. Harvest of corn was still in progress for silage, grain. Barley fields continued to be windrowed, baled as straw. Cotton fields were blooming with bolls developing on the lower portion of the stalk. Growers continued to look for aphid, mite, lygus in cotton. Rice fields continued to grow nicely. Safflower was being dried down before harvest. Blackeye bean plantings continued to mature. Some earlier planted blackeye bean fields were receiving final irrigations before harvest. Grape

harvest continued. Flame and Thompson Seedless, Diamond Muscat, Black Emerald, Red Globe, Summer Royal varieties were harvested. Picking of the Perlette variety was nearly complete in Tulare County. Zante currants were being harvested. Autumn Snow, Brittany Lane, Diamond Princess, Early Saturn, Elegant Lady, Honey Giant, Ivory Princess, Jasper Gem, Jasper Treasure, July Flame, Late Saturn, Magenta Queen, O'Henry, O'Henry II, Pink Giant, Prima 20, Rich Lady, Snow Angel, Snow Blaze, Snow Giant, Snow King, Spring Flame, Spring Snow, Spring Treat, Strawberry Heirloom, Summer Flame 29, Summer Sweet, Summer Zee, Sweet Dreams, Sweet Kay, Sweet Sun, Vista Gem peaches; Black Beaut, Black Splendor, Catalina, Cherry Bomb, Crimson Gold, Fortune, Friar, Grand Rosa, Kelsey, Lone Star, Red Beaut, Red Crimson, Royal Diamond, Ruby Rosa, Simka, Yummy Beaut plums; Apple Fire, Dinosaur Egg, Emerald Sweet, Flavor Grenade, Flavor Heart, Flavor Queen pluots; Arctic Belle, Arctic Queen, August Bright, August Pearl, Candy Pearl, Diamond Bright, Diamond Pearl, Fire Pearl, June Pearl, Red Lion, Red Roy, Ruby Bright, Summer Bright, Summer Fire, Sunny Gun, Zee Fire nectarines; figs and Asian pears were being harvested. Boysenberries, blackberries were harvested in Tulare County. Field fumigations were underway for strawberries in Stanislaus County. Valencia orange harvest remained slow due to decreased demand. Some growers were holding fruit for late summer, fall when demand was expected to increase. Lemons were picked. Olives with fair to good fruit set were sizing well. Other groves appeared too light to harvest. Grove maintenance continued in citrus and olive groves. Irrigation was necessary in many areas due to hot weather. Almond harvest continued. Hull-split was still occurring in many groves; some trees were still being sprayed for mites. Walnuts were still being propped in groves with heavy sets. Treatments for codling moth and husk fly continued. Yields were looking low in groves damaged by frost earlier in the season. Pistachios looked good. Imperial Valley ground continued to be prepared for fall vegetables. High temperatures continued to mature summer vegetables faster than normal. Quality and size of some of the vegetables have been hindered because of the heat. Processing tomatoes were growing well as long as water was deliverable. In southern San Joaquin Valley, harvest of tomatoes, peppers, melons continued. Carrot harvest slowed. In central San Joaquin Valley, commercial tomato harvest was slowed by recent hot weather, affecting fruit volume on plants. Harvest of okra, long beans, squash, sweet corn, cilantro, cucumbers, watermelon, garlic, cantaloupe, various Oriental vegetables continued. Strawberry harvest was complete. In northern San Joaquin Valley carrots were being harvested with excellent yields. Garlic yields were good. Current vegetables harvested were lettuce, carrots, canning tomatoes. Yields on canning tomatoes continued to be disappointing, with poor color due to extreme high temperatures. Harvests of fresh market onion, summer squash, bell pepper, melon crops continued. In southern and central Sacramento Valley fresh market and processing tomatoes were being harvested. Heat increased the presence of insects, army worms with insecticide application ongoing in many fields. Rangeland forage grasses and non-irrigated pasture, already in very poor condition, continued to deteriorate at all elevations. The drying of some lower-elevation water sources added to producer concerns. Fire danger remained high in some areas. Cattle were receiving supplements of hay, other nutrients. Dairy and poultry production benefited from a break in temperatures in some areas of the central valley, while the seasonal decline in milk production continued in most areas. Sheep were grazing on idle farmland, harvested grain fields, and some rangeland in the central part of the state. Honeybees continued to pollinate melon, squash, cucumber crops. Pollination continued in sunflower, vineseed crops in the northern valley. Leafcutter bees were placed in alfalfa seed fields; some hives remained in holding areas.

**COLORADO:** Days suitable for fieldwork 6.7 Topsoil moisture 29% very short, 43% short, 28% adequate. Subsoil moisture 39% very short, 44% short, 17% adequate. Spring barley 87% turning color, 96% 2007, 93% avg.; condition 1% very poor, 7% poor, 24% fair, 43% good, 25% excellent. Dry onions condition 3% very poor, 3% poor, 22% fair, 58% good, 14% excellent. Sugarbeets condition 3% very poor, 5% poor, 25% fair, 46% good 21% excellent. Summer potatoes condition 8% very poor, 8% poor, 15% fair, 53% good, 16% excellent. Fall potatoes condition 7% poor, 25% fair, 47% good, 21% excellent. Dry Beans 72% flowered, 67% 2007, 62% avg.; condition 1% very poor, 1% poor, 24% fair, 62% good 12% excellent. Spring wheat 75% turning color, 87% 2007, 87% avg.; condition 1% very poor, 10% poor, 28% fair, 37% good, 24% excellent. Alfalfa 78% 2nd cutting, 83% 2007, 71% avg.; 8% 3rd cutting, 1% avg.; condition 1% very poor, 8% poor, 31% fair, 41% good, 19% excellent. Most of the state continued to experience below average amounts of moisture and well above average temperatures last week. Only a few areas, such as Pueblo, received measurable amounts of precipitation. The areas that obtained moisture showed improvement in their crops but the rest of the state still suffers from the extremely dry and hot conditions. Producers were allowed 6.7 days in the field for operations.

**DELAWARE:** Days suitable for fieldwork 6.7. Topsoil moisture 14% very short, 48% short, 38% adequate, 0% surplus. Subsoil moisture 15% very short, 51% short, 34% adequate, 0% surplus. Hay supplies 0% very short, 10% short, 60% adequate, 30% surplus. Other Hay 2nd cutting 98%, 94% 2007, 92% avg.; 3rd cutting 17%, 16% 2007, 17% avg. Alfalfa Hay 3rd cutting 61%, 66% 2007, 49% avg. Pasture condition 3% very poor, 22% poor, 56% fair, 17% good, 2% excellent. Corn condition 4% very poor, 15% poor, 44% fair, 27% good, 10% excellent. Soybean condition 2% very poor, 12% poor, 51% fair, 27% good, 8% excellent; 43% blooming, 60% 2007, 46% avg.; 22% setting pods, 18% 2007, 16% average Apple condition 1% very poor, 3% poor, 15% fair, 71% good, 10% excellent. Peach condition 1% very poor, 3% poor, 11% fair, 63% good, 22% excellent. Corn progress 90% silked, 94% 2007, 93% avg.; 35% dough, 50% 2007, 52% avg.; 3% dent, 28% 2007, 12% avg. Winter wheat 100% harvested, 100% 2007, 99% avg. Cantaloupes 44% harvested, 37% 2007, 37% avg. Cucumbers 50% harvested, 40% 2007, 47% avg. Lima Beans 14% harvested, 4% 2007, 17% avg. Potatoes 49% harvested, 20% 2007, 30% avg. Snap beans 59% harvested, 49% 2007, 60% avg. Sweet Corn 53% harvested, 53% 2007, 44% avg. Tomatoes 30% harvested, 30% 2007, 28% avg. Watermelons 43% harvested, 41% 2007, 39% avg. Apples 5% harvested, 9% 2007, 7% avg. Peaches 44% harvested, 60% 2007, 52% avg. Hay harvest is progressing on schedule, with most hay fields on their third cutting and hay supplies mostly adequate. Corn and soybeans are both rated mostly fair and nearly all of the corn crop has silked and is progressing to the dough stage. Soybeans are maturing quickly, as 43 percent of the soybean crop has now bloomed, and some early soybeans are setting pods. Harvest of fruits and vegetables is in full swing.

**FLORIDA:** Topsoil moisture 1% very short, 5% short, 85% adequate, 9% surplus. Subsoil moisture 4% very short, 21% short, 73% adequate, 2% surplus. Peanuts 95% pegged, 84% 2007, 94% 5-yr avg. Soil moisture, mostly adequate in all areas. Vegetable producers busy preparing land for fall planting. Citrus activities applications of summer oils, cleaning ditches, fertilizing, mowing, some hedging. Growers combined efforts to address canker and psyllid control. Some growers abandoning or pushing groves severely infected. Where caretakers spent ample time maintaining groves, oranges progressed well with varying sizes between golf ball and baseball size. Grapefruit, between baseball and softball size. Overall, conditions good in well-managed groves. Pasture feed 20% fair, 65% good, 15% excellent. Cattle condition 25% fair, 65% good, 10% excellent. Pasture, cattle conditions fair or better throughout State for first time in many months. Panhandle, north pasture condition fair to excellent. Above average temperatures, frequent showers provided ideal conditions for forage growth, Escambia, Santa Rosa, Washington counties. Central pasture, cattle conditions mostly good. Southwest pasture condition mostly good. Cattle condition fair to good. Statewide cattle condition fair to excellent.

**GEORGIA:** Days suitable for fieldwork 6. Topsoil moisture 16% very short, 40% short, 42% adequate, 2% surplus. Corn 7% very poor, 17% poor, 31% fair, 37% good, 8% excellent; 80% dent, 76% 2007, 80% avg.; 30% mature, 34% 2007, 42% avg. 1% harvested for grain, 0% 2007, 3% avg.; 95% dough, 92% 2007, 95% avg. Soybeans 7% very poor, 17% poor, 42% fair, 31% good, 3% excellent. Sorghum 4% very poor, 12% poor, 45% fair, 38% good, 1% excellent. Apples 0% very poor, 0% poor, 13% fair, 24% good, 63% excellent; 4% harvested, 3% 2007, 6% avg. Hay 10% very poor, 25% poor, 42% fair, 22% good, 1% excellent. Pecans 2% very poor, 10% poor, 41% fair, 42% good, 5% excellent. Tobacco 2% very poor, 7% poor, 29% fair, 45% good, 17% excellent; 36% harvested, 38% 2007, 48% avg. Soybeans 65% blooming, 53% 2007, 70% avg.; 28% setting pods, 24% 2007, 41% avg. Peaches 89% harvested, 92% 2007, 89% avg. Watermelons 96% harvested, 97% 2007, 97% avg. Recent rains continued in helping farmers grow their pastures and hayfield. Dry conditions continue in some parts of the state. Cattlemen have reduced their herds due to a lack of grazing and hay. Fall armyworms are appearing in pastures and hayfields. The high heat and humidity has caused some heat stress on livestock. Other activities included spraying fungicides and boron on peanuts, spraying cotton for stink bugs and harvesting hay.

**HAWAII:** Days suitable for fieldwork 7. Soil moisture was at adequate to surplus level in windward areas and adequate to short in leeward areas. Banana fields were in fair to good condition. Banana Bunchy Top disease continued to be a problem on Oahu and the Big Island. Farmers were rouging infected trees. Papaya trees were in fair to good condition. Most orchards are located in windward areas and as a result received some much needed showers during the week. Spraying to slow insect infestations was on a regular schedule. The head cabbage crop was in fair to good condition. Insect control programs were increased. Dry onion plantings were in fair condition. The fall crop continued to be planted. Sweetpotato fields benefited from showers. Field preparation, planting, and harvesting were ongoing in the Big Island's eastern sections. Windward areas of most islands received some welcomed showers carried-in by the trade winds. Some of these showers were from the remnants of former hurricanes Fausto and Genevieve. The added showers, however, were not enough to offset months of lower than normal rainfall as all voluntary and mandatory water restrictions remained in effect. All Hawaii Counties were designated a natural disaster area on July 30, 2008 by the U.S. Department of Agriculture (USDA) due to losses caused by the drought that began on January 1, 2008 and is ongoing. All qualified farm operators in the designated area are eligible for low interest Emergency Loans from the USDA's Farm Service Agency, provided eligibility requirements are met. In addition, the Federal government, on July 30, approved a disaster declaration to cover losses Big

Island farmers have suffered as a result of volcanic emissions or vog. Eligible producers may borrow up to \$500,000 to cover actual production or physical losses due to the vog.

**IDAHO:** Days suitable for field work 6.9. Topsoil moisture 14% very short, 51% short, 35% adequate, 0% surplus. Winter wheat turning color 95%, 100% 2007, 99% avg. Spring wheat turning color 74%, 93% 2007, 84% avg. Barley turning color 80%, 96% 2007, 83% avg. Potatoes closing middles 95%, 100% 2007, 99% avg. Potato vines killed 1%, 6% 2007, 2% avg. Oats harvested for grain 12%, 31% 2007, 13% avg. Dry peas 27% harvested, 38% 2007, 25% avg. Lentils 8% harvested, 14% 2007, 11% avg. Alfalfa hay 2nd cutting harvested 57%, 82% 2007, 71% avg.; 3rd cutting harvested 5%, 20% 2007, 16% avg. Irrigation water supply 0% very poor, 5% poor, 24% fair, 66% good, 5% excellent. Potato condition 0% very poor, 1% poor, 13% fair, 80% good, 6% excellent. Winter wheat condition 0% very poor, 1% poor, 18% fair, 72% good, 9% excellent. Closing middles for potatoes is essentially finished at 95% complete. Potato vines have just begun dying at 1% complete statewide. In Northern Idaho, there are concerns of drought stress lowering yields. The Gooding County extension educator reported that corn is starting to tassel. The Power County extension educator reported that dryland wheat harvest is underway. Other reports from Southeast Idaho reported concerns of dry weather impacting crops. Range and pasture conditions continue to decline. With very little precipitation, the conditions for harvesting hay were ideal.

**ILLINOIS:** Days suitable for fieldwork 4.8. Topsoil moisture 1% very short, 9% short, 80% adequate, 10% surplus. Oats 63% harvested, 90% 2007, 86% avg. Alfalfa hay second cutting 92%, 99% 2007, 98% avg.; third cutting 24%, 44% 2007, 40% avg. Corn 27% dough, 66% 2007, 54% avg.; 2% very poor, 5% poor, 20% fair, 53% good, 20% excellent. Soybeans 74% blooming, 96% 2007, 93% avg.; 31% setting pods, 73% 2007, 62% avg.; 3% very poor, 6% poor, 27% fair, 53% good, 11% excellent. Warm temperatures throughout Illinois earlier in the week allowed producers to continue spraying fields, cutting hay, and harvesting oats. Showers toward the end of the week were prevalent and aided in crop progress across the state. The average temperature this past week was 1.8 degrees above normal. The average weekly precipitation was 0.72 inch above normal. Other activities include attending county fairs and summer vacations.

**INDIANA:** Days suitable for fieldwork 5.8. Topsoil moisture 3% very short, 26% short, 66% adequate, 5% surplus. Subsoil moisture 3% very short, 18% short, 72% adequate, 7% surplus. Corn 86% silked, 97% 2007, 93% avg.; 8% in dough, 40% 2007, 35% avg.; condition 3% very poor, 8% poor, 22% fair, 49% good, 18% excellent. Soybeans 73% blooming, 90% 2007, 85% avg.; 18% setting pods, 54% 2007, 49% avg.; condition 3% very poor, 8% poor, 26% fair, 49% good, 14% excellent. Alfalfa second cutting 90% complete, 98% 2007, 95% avg. Pasture condition 3% very poor, 8% poor, 28% fair, 46% good, 15% excellent. Livestock remain in mostly good condition. Average temperatures ranged from 3o below normal to 4o above normal with a high of 95o and low of 50o. Precipitation averaged from 0.0 inches to 2.73 inches. Only spotty rains fell across the state bringing little relief to drying soils. Most irrigation systems have been running as crops and pastures are beginning to show signs of drought stress. Aphids and spider mites remain at low thresholds in the soybean crop. The second cutting of hay is nearing completion with some producers already working on third cuttings. Hay has been slow to dry down due to the high humidity.

**IOWA:** Days suitable for fieldwork 5.4. Topsoil moisture 1% very short, 7% short, 76% adequate, 16% surplus. Subsoil moisture 1% very short, 4% short, 73% adequate, 22% surplus. Tasseled corn 89%. Corn 73% silked, 20% in the milk stage, 2% in the dough stage, condition 2% very poor, 8% poor, 26% fair, 48% good, 16% excellent. Soybean 83% blooming, 48% setting pods, condition 2% very poor, 7% poor, 29% fair, 48% good, 14% excellent. Oats 42% harvested for grain, condition 2% very poor, 8% poor, 33% fair, 46% good, 11% excellent. Second cutting of alfalfa is 71% complete. Hay condition 2% very poor, 6% poor, 31% fair, 48% good, 13% excellent. Pasture condition 1% very poor, 5% poor, 26% fair, 53% good, 15% excellent. Hot and humid weather has helped crops to mature. Aphids are beginning to show up in the soybeans, thus causing spraying to occur.

**KANSAS:** Days suitable for field work 5.5. Topsoil moisture 14% very short, 28% short, 56% adequate, 2% surplus. Subsoil moisture 12% very short, 24% short, 61% adequate, 3% surplus. Corn 7% dented, 14% 2007, 16% avg. Sunflowers 22% blooming, 42% 2007, 38% avg.; condition 7% poor, 25% fair, 62% good, 6% excellent. Third cutting of alfalfa is 97% completed, 57% 2007, 65% avg. Feed grain supplies 3% very short, 9% short, 87% adequate, 1% surplus. Hay and forage supplies 2% very short, 8% short, 82% adequate, 8% surplus. Stock water supplies are 5% very short, 7% short, 85% adequate, and 3% surplus. Primary farm activity involved herbicide spraying and irrigating row crops, and cutting hay.

**KENTUCKY:** Days suitable for fieldwork 5.0. Topsoil moisture 8% very short, 37% short, 53% adequate, 2% surplus. Subsoil moisture 14% very short, 35% short, 50% adequate, 1% surplus. Burley tobacco 46% blooming, 21% topped, dark tobacco 76% blooming, and 53% topped. Tobacco set condition 1% very poor, 7% poor, 28% fair, 49% good, 15% excellent. Pasture condition 3% very poor, 16% poor, 40% fair, 38% good, 3% excellent. Hay crop condition 3% very poor, 11% poor, 40% fair, 41% good, 5% excellent.

**LOUISIANA:** Days suitable for fieldwork 6.0. Soil moisture 25% very short, 36% short, 34% adequate, and 5% surplus. Corn 100% dough, 100% 2007, 100% avg.; 93% mature, 78% 2007, 79% avg.; 12% harvested, 0% 2007, 6% avg.; very poor 2%, 7% poor, 38% fair, 52% good, and 1% excellent. Hay 79% second cutting, 67% 2007, 64% avg. Hay growth slowed by hot, dry weather. Peaches 98% harvested, 92% 2007, 95% avg. Sugarcane very poor 3%, 9% poor, 24% fair, 44% good, 20% excellent. Livestock very poor 3%, 9% poor, 38% fair, 45% good, 5% excellent. Vegetable very poor 8%, 26% poor, 45% fair, 20% good, 1% excellent. Range and Pasture very poor 7%, 27% poor, 36% fair, 25% good, and 5% excellent.

**MARYLAND:** Days suitable for fieldwork 6.7. Topsoil moisture 10% very short, 34% short, 55% adequate, 1% surplus. Subsoil moisture 8% very short, 30% short, 62% adequate, 0% surplus. Hay supplies 6% very short, 4% short, 84% adequate, 6% surplus. Other Hay 2nd cutting 78%, 63% 2007, 77% avg.; 3rd cutting 25%, 18% 2007, 14% avg. Alfalfa Hay 3rd cutting 58%, 71% 2007, 54% avg.; 4th cutting 6%, 1% 2007, 3% avg. Pasture condition 4% very poor, 10% poor, 32% fair, 45% good, 9% excellent. Corn condition 3% very poor, 6% poor, 23% fair, 55% good, 13% excellent; Progress 96% silked, 95% 2007, 91% avg.; 46% dough, 47% 2007, 40% avg.; 2% dent, 6% 2007, 6% avg. Soybean condition 4% very poor, 9% poor, 27% fair, 52% good, 8% excellent; 64% blooming, 56% 2007, 49% avg.; 23% setting pods, 32% 2007, 24% avg. Apple condition 0% very poor, 0% poor, 18% fair, 78% good, 4% excellent. Peach condition 0% very poor, 8% poor, 14% fair, 62% good, 16% excellent. Winter wheat 100% harvested, 93% 2007, 97% avg. Cantaloupes 57% harvested, 61% 2007, 46% avg. Cucumbers 55% harvested, 57% 2007, 55% avg. Lima Beans 40% harvested, 28% 2007, 44% avg. Potatoes 56% harvested, 58% 2007, 47% avg. Snap beans 70% harvested, 58% 2007, 64% avg. Sweet Corn 57% harvested, 65% 2007, 58% avg. Tomatoes 44% harvested, 38% 2007, 36% avg. Watermelons 44% harvested, 46% 2007, 32% avg. Apples 17% harvested, 26% 2007, 15% avg. Peaches 38% harvested, 40% 2007, 38% avg. Hay harvest is progressing on schedule, with most hay fields on their third cutting and hay supplies mostly adequate. Corn and soybeans are both rated good. Nearly all of the corn crop has silked and is progressing to the dough stage. Soybeans are maturing quickly, as two-thirds of the crop has now bloomed and some early soybeans are setting pods. Harvest of fruits and vegetables is in full swing.

**MICHIGAN:** Days suitable for fieldwork 6. Topsoil 15% very short, 37% short, 44% adequate, 4% surplus. Subsoil 9% very short, 36% short, 52% adequate, 3% surplus. Corn height 76 inches, 70 inches 2007, 71 inches avg. Barley 1% very poor, 3% poor, 44% fair, 50% good, 2% excellent. Oats 1% very poor, 4% poor, 23% fair, 54% good, 18% excellent; 85% turning, 89% 2007, 92% avg. Potatoes 9% harvested, 2% 2007, 2% avg. All hay 3% very poor, 6% poor, 24% fair, 50% good, 17% excellent. Second cutting hay 74%, 83% 2007, 75% avg. Third cutting hay 19%, 19% 2007, 13% avg. Dry beans 7% very poor, 8% poor, 24% fair, 47% good, 14% excellent; 63% blooming, 65% 2007, 65% avg.; 11% setting pods, 26% 2007, 30% avg. Blueberries 47% harvested, 54% 2007, 48% avg. Tart cherries 91% harvested, 78% 2007, 86% avg. Precipitation varied from 0.07 inches west central and southwestern Lower Peninsula to 0.81 inches central Lower Peninsula. Average temperatures ranged from 1 degree above normal western Upper Peninsula and northeastern and east central Lower Peninsula to 3 degrees above normal central and southeastern Lower Peninsula. Following a spring with elevated moisture levels, much of State experienced a dry week. Crops many areas of State reported to be need of rain. Although some soils dry, excess moisture did exist some locations. Corn looking good most locations. For crop to continue good condition, many fields will need to receive moisture. Soybeans continued to bloom, and a number of fields setting pods. Some locations reported to need rain. Harvest of winter wheat all but completed. Dry conditions good for harvest of alfalfa but poor for regrowth. Humidity made harvest difficult some areas. Moisture levels and rains have damaged some dry bean fields, but crop continues to progress. Sugarbeet crop continued to do well. Cercospora infestation very light. Oat harvest underway. Majority of barley crop fair to good condition. Apples grew to 3 inches southwest; fire blight infections moving and oozing from cankers reported. Southeast, harvest of early summer apple varieties began; deer browsing damage more prevalent than previous years. Apricot harvest winding down southwest; quality generally good with little brown rot. Blackberry harvest continued. Cranberries at small green fruit. Blueberry harvest continued southwest, where quality and volume reportedly excellent. Southeast, berry size issue on farms with dry soils. Peaches 2.5 inches diameter; harvest of early variety peaches continued across State. Pears 2 inches southwest. Southeast, pears 1.75 inches; finish problems found, resulting from freezing temperatures during spring. Plums 1.25 inches southeast; harvest of Early Magic and Shiro varieties began southwest. Strawberries rebounded well from renovation where soil moisture adequate southeast; newly planted strawberries continued to runner well. Southeast, insect pest activity found many sweet cherry blocks. Tart cherry harvest completed southeast, neared completion west central, and continued northwest. Raspberry harvest neared completion southeast and continued northwest and southwest. Some early grape varieties began to change color southwest; phomopsis lesions fruit clusters found. Dry conditions persisted for much of State while a few areas received rain from thunderstorms. Asparagus, heavy dews and warm weather kept disease pressure high despite lack of rain west central. Cabbage harvest continued and appeared to be progressing well. Carrot crop had increased leaf blight pressure and leafhopper activity. Irrigation being used where it available. Celery harvest for fresh and processing markets continued. Reports ranged from good to fair depending on area. Viruses appearing zucchini and yellow squash although they

did not seem severe or widespread. Muskmelon crop appeared to be plentiful this year. Pumpkins and hard squash setting fruit and fields looked excellent. Onions sizing out considerably. Bacterial and fungal diseases reported a number of fields. Vine crops doing well, but some powdery mildew, downy mildew, and phytophthora present. Tomatoes and peppers progressing well. Eggplant harvest began. Potatoes started to mature. Snap bean fields growing well with some fields being irrigated. Sweet corn harvest full swing with excellent crop. Thrips present damaging numbers leek fields. Newly planted radish fields growing well. Fruit set began fields of butternut squash for processing.

**MINNESOTA:** Days suitable for fieldwork 5.8. Topsoil moisture 8% very short, 21% short, 68% adequate, 3% surplus. Spring Wheat 63% ripening, 97% 2007, 87% avg. Oats 81% ripening, 98% 2007, 94% avg. Barley 70% ripening, 98% 2007, 92% avg. Corn 11% milk, 65% 2007, 40% avg. Potatoes 1% harvested, 8% 2007, 3% avg.; condition 2% poor, 13% fair, 56% good, 29% excellent. Canola condition 8% poor, 30% fair, 40% good, 22% excellent. Sweet Corn 5% harvested, 27% 2007, 11% avg. Pasture condition 3% very poor, 11% poor, 31% fair, 50% good, 5% excellent. Sugarbeet condition 2% poor, 23% fair, 61% good, 14% excellent. Dry Bean condition 2% poor, 26% fair, 60% good, 12% excellent. Sunflower condition 6% poor, 25% fair, 53% good, 16% excellent. Sweet corn harvest started as five percent of the crop was harvested during the past week. Ripening of small grain crops advanced 17 to 22 percentage points during the week and corn silking advanced 48 percentage points, aided by warm weather. The average temperature for the week was 71.1°, 0.9° above normal.

**MISSISSIPPI:** Days suitable for fieldwork 5.3. Soil moisture 13% very short, 37% short, 47% adequate 3% surplus. Corn 100% silked, 100% 2007, 100% avg.; 99% dough, 99% 2007, 97% avg.; 90% dent, 93% 2007, 84% avg.; 36% mature, 46% 2007, 33% avg.; 1% harvested, 1% 2007, 2% avg.; 51% silage harvested, 73% 2007, 70% avg.; 2% very poor, 8% poor, 20% fair, 47% good, 23% excellent. Cotton 100% squaring, 100% 2007, 100% avg.; 93% setting bolls, 94% 2007, 93% avg.; 0% open bolls, 1% 2007, 1% avg.; 3% very poor, 4% poor, 27% fair, 53% good, 13% excellent. Peanuts 100% pegging, 96% 2007, avg.; 0% very poor, 0% poor, 13% fair, 74% good, 13% excellent. Rice 50% heading, 86% 2007, 81% avg.; 0% very poor, 3% poor, 13% fair, 47% good, 37% excellent. Sorghum 94% heading, 100% 2007, 99% avg.; 61% turning color, 51% 2007, 72% avg.; 6% mature, 6% 2007, 16% avg.; 1% very poor, 7% poor, 20% fair, 50% good, 22% excellent. Soybeans 98% blooming, 100% 2007, 99% avg.; 89% setting pods, 94% 2007, 94% avg.; 4% turning color, 15% 2007, 24% avg.; 4% very poor, 10% poor, 30% fair, 44% good, 12% excellent. Winter Wheat 100% harvested, 100% 2007, 100% avg. Hay (harvested-warm) 72%, 57% 2007, 67% avg.; 2% very poor, 10% poor, 36% fair, 50% good, 2% excellent. Sweetpotatoes 100% planted, 100% 2007, 100% avg.; 0% very poor, 0% poor, 20% fair, 80% good, 0% excellent. Watermelons 98% harvested, 96% 2007, 96% avg. Rainfall was recorded in Mississippi this week bringing much needed relief to some producers across the state. Although the state is still abnormally dry, the recent precipitation has improved crop and pasture prospects in localized areas.

**MISSOURI:** Days suitable for fieldwork 4.9. Topsoil moisture 2% very short, 17% short, 66% adequate, 15% surplus. Pasture condition 1% very poor, 5% poor, 27% fair, 56% good, 11% excellent. A week of excessive heat stressed crops, pastures, and livestock throughout the state. Some areas experienced temperatures in the 90's. Low land producers along the Salt River have pastures and crops underwater. Temperatures during the past week ranged from near normal to 6 degrees above normal over most of the state. Rainfall for the week averaged 1.77 inches, ranging from 0.28 inches in the southwest district to 2.85 inches in the east-central district. Only the southwest district received less than 1 inch. Activities 3rd cutting alfalfa, other hay harvest; care of livestock.

**MONTANA:** Days suitable for field work 6.7. Topsoil moisture 38% very short, 43% last year, 45% short, 44% last year, 17% adequate, 13% last year, 0% surplus, 0% last year. Subsoil moisture 35% very short, 33% last year, 39% short, 43% last year, 26% adequate, 24% last year, 0% surplus, 0% last year. Barley 95% headed, 99% last year, 70% turning, 99% last year, 8% harvested, 31% last year. Barley condition 2% very poor, 18% last year, 7% poor, 19% last year, 40% fair, 25% last year, 39% good, 31% last year, 12% excellent, 7% last year. Oats 97% headed, 99% last year, 85% turning, 96% last year, 12% harvested, 29% last year. Oats condition 3% very poor, 2% last year, 9% poor, 12% last year, 48% fair, 29% last year, 38% good, 49% last year, 2% excellent, 8% last year. Spring wheat 87% turning, 95% last year, 8% harvested, 17% last year. Spring wheat condition 7% very poor, 15% last year, 12% poor, 17% last year, 38% fair, 23% last year, 40% good, 40% last year, 3% excellent, 5% last year. Winter wheat 99% turning, 100% last year, 16% harvested, 78% last year. Winter wheat condition 1% very poor, 7% poor, 32% fair, 42% good, 18% excellent. Durum wheat 94% headed, 99% last year, 79% turning, 72% last year, 2% harvested, 10% last year. Durum wheat condition 17% very poor, 4% last year, 24% poor, 18% last year, 34% fair, 21% last year, 24% good, 53% last year, 1% excellent, 4% last year. Dry peas 35% harvested, 71% last year. Lentils 96% blooming, 100% last year, 14% harvested, 57% last year. Alfalfa hay first cutting 99% complete, 100% last year, second cutting 13% complete, 43% last year. All other hay first cutting 94% complete, 99% last year, second cutting 4% complete, 22% last year. Hot weather experienced in the past two weeks has crop fields turning fast although progress of most crops is still behind last year. Sawfly damage in both winter and spring wheat fields is evident in the north central district. Reports in the northeast district indicate some of the spring planted crops have been hayed and those that are too short to be harvested will

be grazed. Most pulse crop and oilseed farmers have started harvest during the past two weeks. Most of Montana received below normal precipitation for the week ending August 3rd. Glasgow received the most moisture of 1.33 inches. Temperatures were above normal. Roundup had the high temperature at 105 degrees, and Olney and Wisdom shared the low of 31 degrees. Range and pasture feed condition 8% very poor, 11% last year, 23% poor, 14% last year, 38% fair, 30% last year, 24% good, 36% last year, 7% excellent, 9% last year. Cattle and calves moved from summer ranges 1% complete. Sheep and lambs moved from summer ranges 2% complete. Ranchers have begun moving livestock from summer pastures due to the typical late summer shortage of grass.

**NEBRASKA:** Days suitable for fieldwork 6.7. Topsoil moisture 11% very short, 38% short, 51% adequate, and 0% surplus. Subsoil moisture 9% very short, 28% short, 62% adequate, and 1% surplus. Overall corn conditions 2% very poor, 4% poor, 19% fair, 58% good, and 17% excellent. Irrigated corn conditions 2% very poor, 3% poor, 18% fair, 61% good, and 16% excellent. Dryland corn conditions 2% very poor, 5% poor, 20% fair, 54% good, and 19% excellent; 92% silked, 96% 2007, 95% avg.; 20% dough, 42% 2007, 33% avg. Soybean conditions 2% very poor, 4% poor, 19% fair, 61 good, and 14% excellent; 83% blooming, 90% 2007, 92% avg.; 37% setting pods, 57% 2007, 58% avg. Sorghum conditions 1% very poor, 3% poor, 19% fair, 64% good, and 13% excellent; 18% headed, 46% 2007, 47% avg.; 0% turning color, 0% 2007, 0% avg. Wheat 98% harvested, 100% 2007, 99% avg. Oats conditions 1% very poor, 1% poor, 9% fair, 62% good, 27% excellent; 86% harvested, 92% 2007, 92% avg. Dry Bean conditions 1% very poor, 4% poor, 38% fair, 51% good, 6% excellent; 87% blooming, 75% 2007, 78% avg.; 37% setting pods, 26% 2007, 40% avg. Alfalfa conditions 1% very poor, 5% poor, 24% fair, 58% good, 12% excellent; 92% 2nd cutting, 99% 2007, 97% avg.; 12% 3rd cutting, 35% 2007, 30% avg. Wild Hay conditions 0% very poor, 3% poor, 16% fair, 57% good, 24% excellent. Pasture and Range conditions 1% very poor, 8% poor, 24% fair, 54% good, and 13% excellent. A hot and dry week allowed producers to wrap up wheat harvest but the weather stressed some of the dryland crops and livestock. Producer activities across the state included harvesting hay, oats, wheat and straw, as well as irrigation and spraying for late summer pests. There have been reports of grasshoppers, soybean aphids and bean leaf beetles and rootworm beetles around the state. Temperatures averaged 3 degree above normal across the state with many districts recording triple digit heat. The Panhandle and Southwest District saw just over a half of inch of precipitation, while the rest of the state remained fairly dry.

**NEVADA:** Days suitable for fieldwork 7. Alfalfa is in generally good condition throughout the state as second cutting continues. Livestock are in predominately good condition. Onions and garlic are in good to very good condition. Potatoes are showing flowers and in very good condition. No fires are currently burning in Nevada. Main farm and ranch activities include irrigation, harvest of hay, weed control and equipment maintenance. High temperatures continued through the week. Temperatures averaged from one degree below normal to five degrees above normal across the state. The week's high temperatures ranged from 93 degrees in Ely to 110 degrees in Las Vegas. The week's low temperatures ranged from 43 degrees in Eureka to 82 degrees in Las Vegas. Ely and Eureka each received 0.01 inches of precipitation.

**NEW ENGLAND:** Days suitable for field work 3.8. Topsoil moisture 1% very short, 2% short, 60% adequate, 37% surplus. Subsoil moisture 1% very short, 2% short, 70% adequate, 27% surplus. Pasture condition 8% poor, 19% fair, 69% good, 4% excellent. Maine Potatoes condition good/fair. Rhode Island Potatoes condition good/excellent. Massachusetts Potatoes condition good/fair. Maine Oats condition good. Maine Barley condition good. Field Corn condition good/fair in Connecticut and Vermont, good in Massachusetts, and good/excellent elsewhere. Sweet Corn 30% harvested, 30% 2007, 20% average; condition good in Connecticut, Massachusetts, and Vermont and good/excellent elsewhere. Shade Tobacco 35% harvested, 30% 2007, 25% average; condition good/excellent. Broadleaf Tobacco 10% harvested, 15% 2007, 10% average; condition good. First Crop Hay 90% harvested, 95% 2007, 95% average; condition good/fair in Connecticut and Maine and poor elsewhere. Second Crop Hay 45% harvested, 55% 2007, 45% average; condition good in Rhode Island and Connecticut and good/fair elsewhere. Third Crop Hay 0% harvested, 5% 2007, 5% average; condition good. Apples Fruit Set average/above average in Rhode Island and average elsewhere; Fruit Size average/above average in Rhode Island and Maine and average elsewhere; condition good in Massachusetts and Vermont, good/excellent in Rhode Island, and good/fair elsewhere. Peaches 20% harvested, 20% 2007, 15% average; Fruit Set average; Fruit Size average; condition good/fair in Connecticut and New Hampshire and good elsewhere. Pears Fruit Set average/below average in Connecticut and New Hampshire and average elsewhere; Fruit Size average; condition good/fair in Connecticut and good elsewhere. Massachusetts Cranberries Fruit Set average; Fruit Size average; condition good. Highbush Blueberries 45% harvested, 45% 2007, 45% average; Fruit Set average/above average in Maine, New Hampshire, and Rhode Island and average elsewhere; Fruit Size average/above average in Maine, New Hampshire, and Rhode Island and average elsewhere; condition good/fair in Connecticut and good/excellent elsewhere. Maine Wild Blueberries 10% harvested, 5% 2007, 5% average; Fruit Set average/above average; Fruit Size average/above average; condition good. New England experienced partly cloudy skies at the start of the week. High temperatures were average and in the upper-70s to mid-80s with average to above average lows in the 60s. Far

northern areas of Maine experienced thunderstorms Tuesday night while the rest of the region remained dry. Light rain and scattered thunderstorms arrived Wednesday and Thursday with most of the rain falling in the northern states. Rainfall totals ranged from 0.30 to 1.43 inches. Mid-week temperatures were average to above average with highs in the mid-70s to mid-80s and lows in the low-60s to low-70s. The weather cleared up in the southern states on Friday while the extreme north picked up an additional 0.25 to 1.06 inches of rain. Saturday brought scattered thunderstorms to the region where rainfall totals ranged from 0.16 to 1.20 inches. The south experienced partly cloudy skies and average temperatures on Sunday, while 0.06 to 1.60 inches of rain fell in the north on Sunday and high temperatures were below average in the 70s. Major farm activities included applying fungicides to fruit and vegetable crops, mowing orchard floors and monitoring for pests, harvesting vegetables, harvesting blueberries and raspberries, hoeing vegetable fields, and monitoring damage from prior hail storms and the New Hampshire tornado.

**NEW JERSEY:** Days suitable for field work 6.0. Topsoil moisture 30% short, 70% adequate. Subsoil moisture 20% short, 80% adequate. There were measurable amounts of rainfall for the week in most localities. Temperatures were normal during the week across the Garden State. Drought conditions were lessened by scattered showers and relieved crops throughout New Jersey. Fall cabbage planting was underway as spring cabbage harvesting came to a close. Reports in central Jersey indicated good prospects for summer potatoes. Pumpkins continued growing in spite of crop damage from hail and viruses. Producers continued planting and irrigating fall vegetables. Farmers finished harvesting grain hay and second cuttings of other hay. Elliott blueberries were still being picked in the southern district.

**NEW MEXICO:** Days suitable for fieldwork 6.4. Topsoil moisture 7% very short, 37% short, 55% adequate, 1% surplus. Wind damage 10% light, 3% moderate. Hail damage 1% light. Alfalfa 3% poor, 35% fair, 55% good, 7% excellent; third cutting 74% complete, fourth cutting 26% complete, fifth cutting 4% complete. Cotton 7% fair, 73% good, 20% excellent; 90% squaring, 60% setting bolls. Corn 13% fair, 67% good, 20% excellent; 77% silked, 19% dough. Irrigated sorghum 90% good, 10% excellent; 23% headed, 4% coloring. Dry sorghum 33% very poor, 50% fair, 17% good; 34%headed, 10% coloring. Peanuts 50% fair, 40% good, 10% excellent; 65% pegging. Chile conditions 22% fair, 67% good, 11% excellent; 32% light pod set, 68% average pod set. Apples 50% fair, 50% good. Pecans 1% poor, 1% fair, 81% good, 17% excellent. Cattle 9% poor, 32% fair, 56% good, 3% excellent. Sheep 1% very poor, 7% poor, 41% fair, 50% good, 1% excellent. Range and pasture 4% very poor, 15% poor, 45% fair, 36% good. Farmers spent the week irrigating, harvesting crops as well as, cutting and drying hay. Most ranchers have eased up on the supplemental feeding with little water hauling. An area of high pressure resulted in warmer temperatures, along with decreased shower and thunderstorm activity across most sections of New Mexico last week. Rainfall amounts were generally less than 0.20 of an inch. More significant amounts of rainfall reported during the week included Chama 0.84, Carlsbad 0.83 and 0.52 in Deming. On Sunday showers and thunderstorms increased in coverage across Western, Central and Southern New Mexico. At the same time Ruidoso reported 1.48 inches of rain.

**NEW YORK:** Days suitable for fieldwork 4.0. Soil moisture 3% short, 61% adequate, 36% surplus. Pasture condition 1% very poor, 8% poor, 20% fair, 51% good, 20% excellent. Soybean condition 1% poor, 10% fair, 56% good, 33% excellent. Hay 16% poor, 25% fair, 37% good, 22% excellent. Corn 1% poor, 10% fair, 49% good, 40% excellent. Winter Wheat 66% harvested, 81% 2007. Oats 23%, 20% 2007. Second cutting of alfalfa 69%, 82% 2007. Third cutting of alfalfa 12%, 41% 2007. Second cutting of timothy hay 42%, 62% 2007. Third cutting of timothy hay 15%, 18% 2007. Potatoes 8%, 4% 2007. Apple condition 28% poor, 28% fair, 37% good, 7% excellent. Grapes 6% poor, 21% fair, 55% good, 18% excellent. Peaches 26% poor, 28% fair, 46% good. Pears 35% poor, 36% fair, 29% good. Sweet cherries 36% poor, 9% fair, 22% good, 33% excellent; 80% harvested. Tart cherries 60%. Peaches 18%. Pears 15%. In Lake Ontario fruit region, blueberry harvest is underway. Plum pox virus was found in Williamson, NY. On Long Island, vineyards were seeing some berry moth damage. Sweet corn condition 2% poor, 17% fair, 58% good, 23% excellent. Snap beans 9% poor, 15% fair, 70% good, 13% excellent. Onions 7% poor, 15% fair, 74% good, 4% excellent. Lettuce 23% fair, 73% good, 4% excellent. Cabbage 2% poor, 15% fair, 70% good, 13% excellent. Tomatoes 3% poor, 25% fair, 67% good, 5% excellent; 25% harvest, 29% 2007. Onions 24%, 22% 2007. Sweet corn 20%, 31% 2007. Snap beans 33%, 25% 2007. Cabbage 26%, 19% 2007. Temperatures averaged near normal for the weeks throughout the state with rainfall at or above normal levels.

**NORTH CAROLINA:** Days suitable for field work 6.0. Soil moisture 12% very short, 47% short, 41% adequate, 0% surplus. Activities during the week included the harvesting of hay, peaches, and tobacco, and scouting for pest and disease problems. North Carolina received between 0.02 and 2.49 inches of rain throughout the week. Laurinburg had the most precipitation with 2.49 inches. Average temperatures ranged from 67 to 84 degrees. The Mountain Region received scattered showers during the week and the conditions of the crops remain unchanged. The rest of the state saw similar conditions and farmers are hopeful that the scattered showers will keep the crops from deteriorating.

**NORTH DAKOTA:** Days suitable for fieldwork 5.6 Topsoil moisture 17% very short, 30% short, 52% adequate, 1% surplus. Subsoil moisture 20% very short,

35% short, 44% adequate, 1% surplus. Spring wheat 77% turning, 86% 2007, 76% average. Durum wheat 89% milk, 83% 2007, 80% avg.; 68% turning, 65% 2007, 51% avg.; 5% harvested, 9% 2007, 5% avg.; condition 13% very poor, 23% poor, 39% fair, 25% good. Barley 89% turning, 94% 2007, 86% average. Oats 85% turning, 92% 2007, 84% average. Canola 54% turning, 71% 2007, 68% avg.; 3% swathed, 37% 2007, 25% avg.; 1% harvested, 7% 2007, 3% avg.; condition 2% very poor, 7% poor, 38% fair, 42% good, 11% excellent. Dry edible beans 87% blooming, 91% 2007, 90% avg.; 46% setting pods, 68% 2007, 60% avg.; 5% fully podded, 12% 2007, 12% avg.; condition 5% poor, 30% fair, 55% good, 10% excellent. Dry edible peas 93% mature, 94% 2007, average not available; 17% harvested, 58% 2007, average not available; condition 4% very poor, 13% poor, 45% fair, 36% good, 2% excellent. Flaxseed 50% turning, 52% 2007, 51% avg.; 1% harvested, 1% 2007, 1% avg.; condition 2% very poor, 11% poor, 47% fair, 37% good, 3% excellent. Potatoes 66% rows filled, 85% 2007, 84% avg.; condition 2% poor, 28% fair, 62% good, 8% excellent. Sugarbeets condition 1% very poor, 5% poor, 17% fair, 63% good, 14% excellent. Sunflowers 36% blooming, 55% 2007, 49% avg.; condition 2% very poor, 4% poor, 41% fair, 45% good, 8% excellent. Soybeans 9% fully podded, 16% 2007, 14% average. Hay condition 23% very poor, 36% poor, 30% fair, 10% good, 1% excellent. Stockwater supplies 22% very short, 27% short, 48% adequate, 3% surplus. The second cutting of alfalfa was 38% complete. Other hay cutting was 85% complete. Intermittent rain showers across most areas of the state last week provided needed moisture for late season crops, hayland and pastureland. Although rainfall was welcomed in most areas, small grain harvest was delayed as producers wait for their crop to dry down before resuming.

**OHIO:** Days suitable for field work 6.6. Topsoil moisture 5% very short, 34% short, 58% adequate, 3% surplus. Corn silked (tasseled) 85%, 94% 2007, 92% avg.; in dough 9%, 25% 2007, 23% avg.; condition 4% very poor, 9% poor, 27% fair, 42% good, 18% excellent. Soybeans 86% blooming, 94% 2007, 90% avg.; 39% setting pods, 65% 2007, 55% avg.; condition 5% very poor, 11% poor, 30% fair, 40% good, 14% excellent. Oats 99% ripe, 97% 2007, 95% avg.; 52% harvested, 88% 2007, 61% avg.; condition 0% very poor, 4% poor, 22% fair, 56% good, 18% excellent. Apples harvested (summer) 56%, 46% 2007, 46% avg. Peaches 47% harvested, 36% 2007, 39% avg. Cucumbers 35% harvested, 33% 2007, 27% avg. Potatoes 8% harvested, 5% 2007, 5% avg. Alfalfa hay 2nd cutting 90%, 97% 2007, 85% avg.; 3rd cutting 29%, 45% 2007, 22% avg. Other hay 2nd cutting 73%, 80% 2007, 64% avg.; 3rd cutting 9%, 13% 2007, 8% avg. Hay condition 3% very poor, 9% poor, 26% fair, 48% good, 14% excellent. Livestock condition 0% very poor, 1% poor, 24% fair, 60% good, 15% excellent. Pasture condition 1% very poor, 7% poor, 29% fair, 49% good, 14% excellent. The major field activities for the past week were cutting and baling hay and the oat harvest. Other field activities for the week included baling straw, preparing for fall planting of pasture and hay, manure application, chopping haylage, mowing winter wheat stubble, field application of fungicide insecticide and herbicide, spreading lime and fertilizer, and installing drainage tile. It has been extremely dry for the past week to ten days throughout the State. Producers are concerned that the heat and dry weather will adversely affect soybean pod production and corn pollination unless there is rain soon. Harvest of tomatoes, sweet corn, melons, peppers, and carrot vegetable crops continues throughout the State.

**OKLAHOMA:** Days suitable for fieldwork 6.3. Topsoil moisture 40% very short, 34% short, 26% adequate. Subsoil moisture 27% very short, 35% short, 37% adequate, 1% surplus. Wheat 83% plowed this week, 80% last week, 61% last year, 85% average. Rye 90% plowed this week, 83% last week, 64% last year, 76% average. Oats 89% plowed this week, 80% last week, 63% last year, 88% average. Corn condition 5% poor, 19% fair, 67% good, 9% excellent; 90% silking this week, 86% last week, 97% last year, 94% average; 67% dough this week, 45% last week, 78% last year, 65% average; 30% dent this week, 23% last week, N/A last year, N/A average. Sorghum 86% emerged this week, 86% last week, 99% last year, 99% average. Soybeans condition 1% very poor, 4% poor, 44% fair, 45% good, 6% excellent; 61% blooming this week, 53% last week, 37% last year, 59% average; 20% setting pods this week, 13% last week, 13% last year, 36% average. Peanuts 61% setting pods this week, 56% last week, 66% last year, 70% average. Watermelon 96% setting fruit this week, 95% last week, 100% last year, 100% average; % harvested this week,

54% last week, 60% last year, 72% average. Alfalfa condition 6% very poor, 15% poor, 40% fair, 32% good, 7% excellent; 3rd cutting 91% this week, 83% last week, 75% last year, 89% average; th cutting 34% this week, 12% last week, 13% last year, 18% average. Other hay condition 7% very poor, 15% poor, 39% fair, 33% good, 6% excellent; 1st cutting 90% this week, 86% last week, 89% last year, 93% average; 2nd cutting 22% this week, 14% last week, 22% last year, 31% average. Livestock condition 1% very poor, 5% poor, 29% fair, 58% good, 7% excellent. Pasture and range condition 6% very poor, 18% poor, 38% fair, 34% good, 4% excellent. Livestock; Prices for feeder steers less than 800 pounds averaged \$111 per cwt. Prices for heifers less than 800 pounds averaged \$104 per cwt. Livestock conditions were rated mostly in the good to fair range. Mostly light to moderate insect activity was reported.

**OREGON:** Days suitable for field work 6.8. Top soil moisture 39% very short, 39% short, 22% adequate. Sub soil moisture 29% very short, 48% short, 23% adequate. Winter Wheat condition 4% very poor, 26% poor, 48% fair, 18% good, 4% excellent; 65% harvested, 76% previous year, 63% 5-year average. Spring Wheat condition 4% very poor, 36% poor, 33% fair, 21% good, 6% excellent; 61% harvested, 57% previous year, 48% 5-year average. Barley condition 19% poor, 53% fair, 24% good, 4% excellent; 55% harvested, 67% previous year, 56% 5-year average. Corn condition 25% fair, 54% good, 21% excellent. Range, pasture condition 13% very poor, 26% poor, 40% fair, 20% good, 1% excellent. Alfalfa second cutting 89%, 96% previous year. Alfalfa third cutting 7%. Weather; Conditions became slightly cooler, drier throughout most of the State. High temperatures ranged from 96 degrees in Rome, down to 65 degrees at the Crescent City weather station. Low temperatures ranged from 53 degrees in Medford, Grants Pass, down to 36 degrees in Christmas Valley. The Florence weather station received the most precipitation with 1.03 total inches followed by the Astoria/Clatsop weather station with 0.43 total inches. Only eleven of the forty-two weather stations reported measurable precipitation, all along the coast & in the Willamette Valley. Most stations, again, reported below average precipitation levels, temperatures. Field Crops; The grass seed harvest was active, with average to less than average yields reported so far. Overall weather conditions continued to aid grain crop development as well as grass, hay cutting. The moisture received last week provided good field burning conditions for grass seed fields in Marion County, though it delayed some thrashing. Third cutting of hay started in western Oregon, while the second cutting of hay continued across eastern areas. Wheat yields varied according to soil type, moisture conditions in north central Oregon. Winter wheat, barely conditions were reported to be fair across the State, while spring wheat condition was reported to be fair to poor, corn condition was reported to be good. Vegetables; Despite being about ten days late in development this year, vegetable crops were reported to be growing well throughout the Willamette Valley. Green onions, zucchini, squash, cucumbers, rhubarb, tomatoes, cabbage, green beans, potatoes were available at farmer's markets & roadside stands. Conditions this past week have been excellent for pollination of carrot, onion seed crops in central Oregon. Fruits, Nuts; Summer berry harvest continued; some varieties were starting to wind down. Tart cherry picking continued in the Willamette Valley. Early peaches, Gravenstein apples were also picked. Hazelnut development remains two to three weeks behind normal. Douglas County wine grapes were developing well, were about 50 days past fruit set; they will be at véraison in about two weeks. Some hybrid, vinifera grapes in Jefferson County have very good fruit set for the third year in a row. Summer orchard operations continued throughout the Hood River Valley. Pear growers continued cutting fire blight in many locations throughout the valley. Cherry harvest continued in the mid, upper valley. Southern Oregon apples, pears were starting to size; Bartlett pear harvest will begin soon. Nurseries, Greenhouses Nurseries were busy with plant watering, feeding activities. Greenhouses continued with clean up, fall planting preparation. Livestock, Range, Pasture; Non-irrigated pastures, rangelands were drying up in most areas. Water sources were becoming limited, restricting usage of some pastures. Supplemental feeding was necessary in dryer areas. Cattle, sheep, & buffalo were all still looking good despite grazing conditions.

**PENNSYLVANIA:** Days suitable for fieldwork 6. Soil moisture 3% very short, 29% short, 56% adequate, 12% surplus. Corn 80% silk, 82% 2007, 77% avg.; 16% dough, 21% 2007, 22% avg.; condition 6%

poor, 21% fair, 43% good, 30% excellent. Oats 96% yellow, 99% 2007, 90% avg.; 72% ripe, 84% 2007, 66% avg.; 40% harvested, 45% 2007, 36% avg.; condition 2% very poor, 12% fair, 64% good, 22% excellent. Soybean condition 4% poor, 16% fair, 51% good, 29% excellent. Potatoes 8% harvested, 4% 2007, 5% avg. Alfalfa second cutting 92% complete, 98% 2007, 88% avg.; third cutting 44% complete, 45% 2007, 37% avg. Timothy clover second cutting 50% complete, 47% 2007, 41% avg. Peach condition 1% fair, 44% good, 55% excellent; 30% harvested complete, 31% 2007, 37% avg. Apple condition 17% fair, 53% good, 30% excellent; 10% harvested, 15% 2007, 14% avg. Quality of hay made 2% very poor, 7% poor, 22% fair, 46% good, 23% excellent. Pasture conditions 4% very poor, 17% poor, 31% fair, 41% good, 7% excellent. Principal farm activities included picking fruit, cutting and baling hay and straw, mowing weeds, as well as harvesting oats and sweet corn.

**SOUTH CAROLINA:** Days suitable for fieldwork 6.1. Soil moisture 24% very short, 45% short, 31% adequate, 0% surplus. Corn 49% very poor, 26% poor, 19% fair, 6% good, 0% excellent; silked (tasseled) 100%, 100% 2007, 100% avg.; 83% doughed, 95% 2007, 95% avg.; 26% matured, 36% 2007, 43% avg.; 2% harvested, 1% 2007, 3% avg. Soybeans 14% very poor, 28% poor, 41% fair, 17% good, 0% excellent; 58% bloomed, 52% 2007, 59% avg.; 22% pods set, 22% 2007, 24% avg. Sorghum 28% very poor, 34% poor, 25% fair, 13% good, 0% excellent; 4% matured, 11% 2007, 15% avg.; 70% headed, 78% 2007, 87% avg.; 40% turned color, 49% 2007, 54% avg. Sweet Potatoes 10% very poor, 15% poor, 40% fair, 35% good, 0% excellent. Tobacco 8% very poor, 7% poor, 46% fair, 35% good, 4% excellent. Hay 27% very poor, 37% poor, 31% fair, 5% good, 0% excellent. Peaches 3% very poor, 11% poor, 39% fair, 47% good, 0% excellent; 68% harvested, 68% 2007, 68% avg. Apples 15% very poor, 10% poor, 55% fair, 20% good, 0% excellent. Livestock condition 2% very poor, 23% poor, 45% fair, 30% good, 0% excellent. Tobacco topped 99%, 99% 2007, 100% avg.; 38% harvested, 40% 2007, 47% avg. Hay other hay 74%, 88% 2007, 87% avg. Watermelons 91% harvested, 89% 2007, 92% avg. Tomatoes, fresh 99% harvested, 99% 2007, 99% avg. Cantaloupes 91% harvested, 96% 2007, 97% avg. Scattered thunderstorms continued once again for another week across the state. Many areas that had been missing out on the precipitation were more fortunate this time around. However, higher than average temperatures have been drying out soils not long after the rains have fallen. There are more reports of corn acreage being cut for silage, because of the lack of yield potential. Some growers were finding considerable presence of smut in their fields. Cotton farmers were scouting for pests, but many have not applied any significant control applications yet. Likewise, peanut producers were still scouting for larvae and stink bugs. Soybeans continue to improve where rainfall has fallen. Conversely, areas short of moisture have gone the other way in part due to the increased demand from the heat. Tobacco looks okay, but is not a bumper crop by any means. Hay is in short supply in several Upstate areas. Livestock remain under stress due to the summer heat. Pastures will continue to need more rain with the high temperatures. Peach conditions declined as more producers were realizing damage suffered from earlier cold, and hail. Later vegetable crops have experienced some pollination problems. The state average temperature for the week was two degrees above normal. The state average rainfall for the period was 0.9 inches. July ended with Edisto Beach measuring 12.64 inches of rain while Clemson measured only 1.48 inches.

**SOUTH DAKOTA:** Days suitable for fieldwork 5.5. Topsoil moisture 1% very short, 18% short, 77% adequate, 4% surplus. Subsoil moisture 2% very short, 20% short, 74% adequate, 4% surplus. Winter wheat ripe 98%, 74% 2007, 94% avg.; 1% very poor, 6% poor, 20% fair, 49% good, 24% excellent. Barley turning color 98%, 100% 2007, 97% avg.; ripe 71%, 92% 2007, 75% avg.; 10% harvested, 46% 2007, 41% avg.; 2% very poor, 2% poor, 12% fair, 73% good, 11% excellent. Oats turning color 97%, 100% 2007, 99% avg.; ripe 75%, 97% 2007, 88% avg. Spring wheat turning color 98%, 100% 2007, 99% avg.; ripe 62%, 92% 2007, 85% avg. Corn tasseled 86%, 97% 2007, 92% avg. Sunflower blooming 16%, 31% 2007, 31% avg.; ray flowers dry 0%, 1% 2007, 2% avg.; 1% very poor, 9% poor, 18% fair, 58% good, 14% excellent. Alfalfa hay 2nd cutting harvested 76%, 91% 2007, 85% avg.; hay 3rd cutting harvested 4%, 15% 2007, 14% avg. Alfalfa hay 3% poor, 19% fair, 57% good, 21% excellent. Other hay 87% harvested, 92% 2007, 90% avg. Feed supplies 3% short, 84% adequate, 13%

surplus. Stock water supplies 1% very short, 8% short, 78% adequate, 13% surplus. Cattle condition 1% poor, 9% fair, 69% good, 21% excellent. Sheep condition 7% fair, 61% good, 32% excellent. Warmer temperatures accelerated crop development in South Dakota, while some areas in the north-central and northeast regions of the state saw crop and structural damage from strong wind and hail events.

**TENNESSEE:** Days suitable for fieldwork 6. Topsoil moisture 17% very short, 43% short, 39% adequate, 1% surplus. Subsoil moisture 24% very short, 39% short, 36% adequate, 1% surplus. Tobacco 44% topped, 42% 2007, 50% avg.; 1% very poor, 5% poor, 22% fair, 57% good, 15% excellent. Hay 7% very poor, 16% poor, 35% fair, 38% good, 4% excellent. Pastures 8% very poor, 21% poor, 40% fair, 28% good, 3% excellent. Cattle 4% very poor, 7% poor, 28% fair, 52% good, 9% excellent. Hot, humid weather was the main theme of Tennessee Agriculture last week as temperatures hovered in the mid-to-high 90s. Widely scattered thunderstorms provided some relief, but by week's end, over half of the land in production was experiencing deficit topsoil moisture supplies. Crops continued to hold on, however, and were rated in mostly fair-to-good condition. The main tobacco activity was topping and applying sucker control. Summertime heat and a deficit moisture situation are taking their toll on pastures and cattle, but conditions are still mostly fair-to-good. Temperatures across the State last week averaged 2 to 6 degrees above normal. Precipitation averaged one-tenth to one-half inch below normal across Middle and West Tennessee, while amounts averaged a tenth of an inch above normal across the East.

**TEXAS:** Top soil moisture was mostly very short to short statewide. Corn condition was mostly poor to fair statewide. Cotton condition was mostly fair to good statewide. Peanuts condition was mostly fair to good statewide. Rice condition was mostly fair to good statewide. Sorghum condition was mostly fair to good statewide. Soybean condition was mostly poor to fair statewide. Range and pasture condition was mostly poor to fair statewide. Producers continued to prepare small grains fields for fall planting. Irrigation continued in the Panhandle and South Texas. Dryland cotton continued to reach cutout stage in the Plains. Corn harvest continued in the Upper Coast and South Texas, while irrigation continued in the Northern High Plains. Dryland sorghum continued to suffer due to lack of rain and extreme temperatures in the High Plains. Peanuts continued pegging in South Texas and the Blacklands. Soybeans continued to do well in the Northern High Plains. Pecans were in the water stage in the Blacklands and the Trans-Pecos. Vegetable crops continued to drop in production as the end of the season nears in North East Texas. Stock tanks were drying up in the Low Plains due to lack of moisture.

**UTAH:** Days suitable for field work 7. Subsoil moisture 7% very short, 43% short, 50% adequate, 0% surplus. Winter Wheat 33% harvested, 64% 2007, 54% avg. Spring Wheat 100% headed, 100% 2007, 100% avg.; 14% harvested, 39% 2007, 29% avg. Barley 100% headed, 100% 2007, 100% avg.; harvested (grain) 29%, 43% 2007, 37% avg.; Condition 0% very poor, 1% poor, 7% fair, 69% good, 23% excellent. Oats 93% headed, 95% 2007, 96% avg.; harvested (grain) 15%, 37% 2007, 34% avg.; harvested for Hay or Silage 84%, 81% 2007, 84% avg. Corn silked (tasseled) 54%, 67% 2007, 60% avg. Corn height 74 inches, 80 inches 2007, 76 inches avg. Alfalfa height 34%, 36% 2007, Hay 1st Cutting 100%, 100% 2007, 100% avg.; 2nd Cutting 70%, 88% 2007, 84% avg. Other Hay Cut 84%, 88% 2007, 88% avg. Cattle and calves moved To Summer Range 100%, 100% 2007. Cattle and calves condition 0% very poor, 0% poor, 16% fair, 68% good, 16% excellent. Sheep and lambs moved To Summer Range 100%, 100% 2007, 100% avg.; Condition 0% very poor, 0% poor, 8% fair, 86% good, 6% excellent. Stock Water Supplies 7% very short, 16% short, 77% adequate, 0% surplus. Apricots 83% harvested, 100% 2007, 96% avg. Sweet Cherries 94% harvested, 100% 2007, 100% avg. Tart Cherries 50% harvested, 100% 2007, 89% avg. Peaches 16% harvested, 15% 2007, 9% avg. Crops continue to progress around the state. Weather continues to be hot and dry around the state. Box Elder reports wheat harvest in the county is progressing. Reports of yields vary from 100 to 120 bushel per acre irrigated and 4 bushel to 25 bushels per acre on dry farms. Some of the best dry land grain in Pocatello Valley has not been cut but should average 30 to 35 bushels per acre. Some producers are reporting poor yields with not many kernels in the head due to frost damage earlier in the year. Most

producers are finished with second crop alfalfa and are irrigating 3rd crop. Corn continues to grow well and tasseling has occurred on about 50% of the fields. However, some late corn is still 3 weeks from reaching the tassel stage. The weather in Cache County is still hot and dry. Grain harvest has begun while second crop alfalfa hay is coming in nicely. Pastures and rangeland continue to decline with hotter weather. Grasshopper numbers are significant in some parts of the county. The cereal leaf beetle has been spotted on some corn fields which is unusual in Cache County. In Weber County, grain harvesting has begun and the crop looks very good. Corn stands are showing more variability in height than usual, but still expect good production. Emery County continues to be hot and dry. Summer rainstorms continue to be very spotty. Mountain pastures are getting rather dry and stock water is becoming a bit short. Irrigated crop production is looking very good this year as there is an adequate water supply within the county. Box Elder reports livestock seem to be in good condition. Several producers are very concerned about winter feed supplies. They will be culling heavily because of the high cost of feeding cattle through the winter. Livestock producers report that summer ranges are getting very dry. There has been very little rainfall in the northern part of the state in the last 2 1/2 months. Cache County reports livestock are doing fine. Dairy cows are feeling the effects of heat with slightly lower production and a reduction in reproductive performance.

**VIRGINIA:** Days suitable for fieldwork 6.0. Topsoil moisture 15% very short, 35% short, 49% adequate, 1% surplus. Subsoil moisture 20% very short, 35% short, 45% adequate. Pasture 6% very poor, 20% poor, 37% fair, 33% good, 4% excellent. Livestock 4% poor, 27% fair, 57% good, 12% excellent. Other Hay 3% very poor, 11% poor, 36% fair, 46% good, 4% excellent. Alfalfa Hay 1% very poor, 5% poor, 33% fair, 41% good, 20% excellent. Corn 91% silked; 93% 2007; 90% avg.; 55% dough; 57% 2007; 53% avg.; dent 17%; 27% 2007; 18% avg.; condition 9% very poor, 17% poor, 28% fair, 30% good, 16% excellent. Soybeans 49% Blooming; 63% 2007; 59% avg.; setting pods 18%; 30% 2007; 21% avg.; condition 12% very poor, 16% poor, 36% fair, 31% good, 5% excellent. Flue-cured Tobacco harvested 15%; 18% 2007; 13% avg.; condition 3% very poor, 11% poor, 40% fair, 32% good, 14% excellent. Burley Tobacco 5% poor, 20% fair, 60% good, 15% excellent. Dark Fire-cured tobacco 1% very poor, 20% poor, 20% fair, 40% good, 19% excellent. Peanuts pegged 90%; 87% 2007; 84% avg.; condition 6% poor, 20% fair, 56% good; 18% excellent. Cotton 93% squaring; 98% 2007; 98% avg.; setting bolls 71%; 92% 2007; 80% avg.; condition 9% poor, 37% fair, 49% good, 5% excellent. Summer potatoes 95% harvested; 70% 2007; 80% avg.; condition 1% poor, 10% fair, 40% good, 49% excellent. Summer Apples harvested 30%; 54% 2007; 52% avg.; condition 21% fair, 67% good, 12% excellent. Peaches harvested 44%; 67% 2007; 54% avg.; condition 1% very poor, 2% poor, 37% fair, 51% good, 9% excellent. Grapes 1% poor, 8% fair, 76% good, 15% excellent. Oats 1% very poor, 3% poor, 27% fair, 68% good, 1% excellent. Virginia experienced diverse weather conditions this week. Isolated areas received much needed rainfall. However, most of the State continued to suffer with dry conditions brought on by high temperatures and hot winds. Corn conditions worsened under the heat stress, except for the isolated areas that received rain. In these areas corn conditions improved. Several cattlemen are selling off calves earlier than normal due to poor pastures and costly feed. In some areas, cattlemen are lightly supplementing their cattle to compensate for deteriorating pastures. Other farming activities for the week included harvesting peaches and apples, planting fall vegetable crops, scouting for insect pressure, and irrigating where possible.

**WASHINGTON:** Days suitable for fieldwork 6.8. Topsoil moisture 21% very short, 32% short, 47% adequate. Grain harvest was going well throughout the State. In general, winter wheat yields appeared to be average to below average. Walla Walla County reported spring yields were slightly below average. However, this was better than expected given the late spring planting. Due to the late planting, Whitman County expected harvest to be slow and protracted this year. The second cutting of alfalfa was looking good as farmers were able to get hay cut and baled hay without rain damage. The third crop was being laid down in some areas and hay prices in general were very high. Cannery pea growers were monitoring fields for aphid infestations. Christmas tree growers reported aphid infestations in both Grand and Noble fir. In the Yakima Valley, daytime temperatures remained cool most of the week. Fruit growers were harvesting nectarines and peaches. The anticipated harvest of pears appears to be delayed by 7-10 days, with growers mowing and placing bins in orchards. The apple crop was coloring up nicely and the hops were setting a nice crop of cones. Blueberries in northern Washington were still about 10 days away from machine harvest. Both Duke and Hardblue

varieties were looking good. Raspberry harvest was in full swing with good quality reported but smaller fruit. Production was expected to be down. Range and pasture conditions 10% very poor, 23% poor, 24% fair, 43% good. On the east side, Garfield County reported hay had reached record heights. Stevens County reported high feed prices were driving cattle growers to heavily cull their herds. Walla Walla County reported pastures were drying up, which was to be expected this time of year. On the west side, Pacific County reported shellfish growers completed oyster and clam seed planting and continued limited oyster harvest.

**WEST VIRGINIA:** Days suitable for field work 6. Topsoil moisture 1% very short, 25% short, 71% adequate, 3% surplus compared with 9% very short, 42% short, 48% adequate, 1% surplus last year. Corn conditions 1% poor, 9% fair, 67% good, 23% excellent; 64% silked, 70% 2007, 67% 5-yr avg.; 2% doughing, 3% 2007, 8% 5-yr. avg. Soybean conditions 4% fair, 85% good, 11% excellent; 68% blooming, 75% 2007, 59% 5-yr avg.; 42% setting pods, 14% 2007, 24% 5-yr. avg. Winter wheat conditions 2% poor, 14% fair, 76% good, 8% excellent; 97% harvested, 93% 2007, and 5-yr avg. not available. Oat conditions 17% fair, 66% good, 17% excellent; 30% harvested, 48% 2007, 44% 5-yr avg. Hay 2% poor, 29% fair, 60% good, 9% excellent; second cutting 32% complete, 25% in 2007, 30% 5-yr avg. Apple conditions 15% poor, 60% fair, 25% good. Peach conditions 30% poor, 55% fair, 15% good; 10% harvested, 11% 2007, and 5-yr avg. not available. Cattle and calves were 2% poor, 9% fair, 85% good; 4% excellent. Sheep and lambs were 2% poor, 7% fair, 84% good, 7% excellent. Farming activities included: making hay, working with livestock, harvesting crops and equipment maintenance. Some areas of the state are in need of rain, while others are ready for some dry days. With the State Fair just around the corner, many people are busy getting animals ready to show and exhibits ready to display.

**WISCONSIN:** Days suitable for fieldwork 6.2. Topsoil moisture 8% very short, 23% short, 65% adequate, 4% surplus. Temperatures ranged from 1 degree below to 2 degrees above normal. Average high temperatures ranged from 81 to 87 degrees across the state. Lows averaged from 57 to 65 degrees for the week. Precipitation ranged from 0.00 inches in Milwaukee to 1.55 inches in Green Bay. Average corn height was 79 inches with 62 percent silking. There were 77 percent of soybeans blooming with 32 percent setting pods. Oats were 24 percent harvested. Winter wheat was 60 percent harvested. Second cutting hay was 88 percent complete. Most areas of the state could use some rain. Conditions have been generally much more favorable for hay compared to last year. Winter wheat and oats yields have been reported as very good.

**WYOMING:** Days suitable for fieldwork 7. Topsoil moisture 11% very short, 54% short, 35% adequate. Subsoil moisture 19% very short, 46% short, 35% adequate. Barley 95% headed, 89% previous week, 96% 2007, 98% avg.; 66% turning color, 54% previous week, 87% 2007, 88% avg.; 43% mature, 30% previous week, 72% 2007, 62% avg.; 7% harvested, 3% previous week, 41% 2007, 30% avg.; condition 3% poor, 17% fair, 76% good, 4% excellent. Corn 61% tasseled, 39% previous week, 73% 2007, 75% avg.; 15% silked, 7% previous week, 30% 2007, 39% avg.; 1% milk, 3% 2007, 7% avg.; condition 1% poor, 41% fair, 58% good. Oats 94% headed, 84% previous week, 93% 2007, 93% avg.; 63% turning color, 45% previous week, 73% 2007, 71% avg.; 31% mature, 21% previous week, 53% 2007, 45% avg.; 6% harvested, 4% previous week, 11% 2007, 18% avg.; condition 1% poor, 24% fair, 75% good. Spring wheat 97% headed, 87% previous week, 93% 2007, 96% avg.; 47% turning color, 29% previous week, 67% 2007, 77% avg.; 19% mature, 12% previous week, 40% 2007, 46% avg.; 5% harvested, 4% previous week, 8% 2007, 16% avg.; condition 37% fair, 62% good, 1% excellent. Winter wheat 96% mature, 91% previous week, 95% 2007, 97% avg.; 69% harvested, 61% previous week, 85% 2007, 86% avg. Dry beans 78% bloom, 60% previous week, 84% 2007, 82% avg.; 25% setting pods, 18% previous week, 41% 2007, 46% avg.; condition 1% fair, 99% good. Alfalfa hay 96% first cutting, 92% previous week, 100% 2007, 99% avg.; 29% second cutting, 17% previous week, 42% 2007, 35% avg. Other hay 52% total cut, 43% previous week, 75% 2007, 67% avg. Sugar beet 16% fair, 82% good, 2% excellent. Range and pasture condition 1% very poor, 13% poor, 39% fair, 37% good, 10% excellent. Stock water supplies 1% very short, 26% short, 69% adequate, 4% surplus. The weather remained hot and dry. Stock water supplies are not improving. Hay harvest is moving along. The range is drying out due to hot weather and wind. Crop progress remains slow compared to the average. Activities hay harvest, shearing range sheep, branding and moving livestock, attending fairs.

**International Weather and Crop Summary**

July 27 - August 2, 2008

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

**HIGHLIGHTS**

**FSU-WESTERN:** Mostly dry weather improved conditions for small grain harvesting in western Ukraine, while early-week showers and cooler weather alleviated heat stress on summer crops in eastern Ukraine and southern Russia.

**FSU-NEW LANDS:** Showers and cooler weather improved growing conditions for spring grains in the Urals District in Russia, while extremely hot, dry weather stressed filling crops in the southern portion of the Russian Siberia District.

**EUROPE:** Drier-than-normal conditions stressed filling spring grains in northeastern Europe, while showers slowed fieldwork but maintained favorable summer crop prospects farther west.

**AUSTRALIA:** Showers fell throughout much of the wheat belt, benefiting vegetative winter wheat and barley.

**EAST ASIA:** Showers favored summer crops throughout most growing areas, although flooding from Tropical Cyclone Fung-wong occurred in the southeast.

**SOUTHEAST ASIA:** Seasonal showers continued throughout Indochina, while flooding returned to the northern Philippines.

**SOUTH ASIA:** Heavy rain in central and western India benefited vegetative summer crops, while monsoon showers finally arrived in southern Pakistan.

**ARGENTINA:** Drought-related planting delays continued in winter grain areas of Cordoba and Santa Fe.

**BRAZIL:** Rain continued in major southern wheat areas.

**CANADA:** Wet weather covered the southeastern Prairies as drier conditions returned to the west.

**MEXICO:** Rain intensified over the southern plateau, increasing moisture for corn and other rain-fed summer crops.

**July 2008**

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

\*\*\* DATA NOT AVAILABLE

COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
	AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL	DPART F/NRM
NORWAY OSLO	23	12	31	7	17	1.4	124	50
FINLAN HELSINKI	21	13	26	7	17	0	21	-49
UKINGD ABERDEEN	18	12	25	9	15	0.7	48	-11
LONDON	23	14	30	10	18	-0.4	77	35
IRELAN DUBLIN	19	12	22	5	15	-0.4	111	61
ICELAN REYKJAVIK	***	***	20	9	***	***	***	***
DENMAR COPENHAGEN	23	14	28	10	19	1.4	30	-20
LUXEMB LUXEMBOURG	23	14	32	9	19	1	78	6
SWITZE ZURICH	24	14	30	11	19	0.9	123	-3
GENEVA	26	15	32	10	20	0.5	116	44
FRANCE PARIS/ORLY	26	14	34	8	20	0.1	49	-4
STRASBOURG	26	15	33	9	20	0.6	57	-11
BOURGES	25	14	33	9	20	0.1	40	-20
BORDEAUX	26	15	34	11	21	0.1	26	-29
TOULOUSE	27	16	35	11	22	0.1	63	17
MARSEILLE	30	19	34	15	25	0.5	8	-5
SPAIN VALLADOLID	29	14	37	7	21	-0.4	0	-18
MADRID	34	16	39	12	25	0.1	4	-8
SEVILLE	36	21	40	18	29	0.8	2	***
PORTUG LISBON	28	18	37	15	23	0.7	0	-5
GERMAN HAMBURG	24	14	32	9	19	1.3	131	57
BERLIN	26	15	34	11	20	1.3	28	-27
DUSSELDORF	23	14	33	10	19	-0.4	139	67
LEIPZIG	25	14	33	10	20	1.4	53	-6
DRESDEN	24	14	32	11	19	0.9	75	-14
STUTT GART	24	13	31	9	19	0.3	66	-15
NURNBERG	25	13	32	8	19	0.6	76	2
AUGSBURG	23	12	31	6	18	-0.2	96	-1
AUSTRI VIENNA	26	16	31	11	21	0.4	104	50
INNSBRUCK	24	13	30	9	19	0.6	186	50
CZECHR PRAGUE	24	13	31	9	18	0.8	74	1
POLAND WARSAW	25	14	30	8	20	1.4	89	18
LODZ	25	14	30	8	19	1.3	79	-9
KATOWICE	24	14	30	6	19	0.9	154	53
HUNGAR BUDAPEST	27	16	35	12	22	0.5	124	66
YUGOSL BELGRADE	29	19	37	13	24	1.6	55	-17
ROMANI BUCHAREST	30	15	36	10	22	0	61	0
BULGAR SOFIA	28	15	35	9	21	0.6	69	21
ITALY MILAN	30	18	32	13	24	0.2	26	-35
VERONA	30	18	34	12	24	0.2	48	-14
VENICE	29	19	32	14	24	0.5	80	19
GENOA	27	21	32	17	24	-0.4	0	-22
ROME	30	19	32	15	24	0.2	3	-10
NAPLES	30	21	35	16	25	1	36	9
GREECE THESSALONIKA	32	21	35	16	27	0.6	27	4
LARISSA	34	20	42	17	27	0.3	18	-1
ATHENS	34	24	38	21	29	1	0	-7
TURKEY ISTANBUL	29	21	33	18	25	1.1	27	1
ANKARA	30	14	37	9	22	1.7	0	-18
CYPRUS LARNACA	33	23	36	20	28	1	2	***
ESTONI TALLINN	21	12	25	6	17	0	61	-14
RUSSIA ST.PETERSBURG	22	14	26	9	18	-0.1	70	-8
LITHUA KAUNAS	23	13	29	9	18	0.8	45	-37
BELARU MINSK	23	14	30	11	18	0.7	90	-19
RUSSIA KAZAN	25	17	29	12	21	1.5	90	22
MOSCOW	24	15	31	9	19	0.8	180	93
YEKATERINBURG	27	16	34	9	21	2.9	58	-33
OMSK	28	16	35	7	22	2.1	65	8
KAZAKH KUSTANAY	29	17	38	9	23	2.1	44	-12
RUSSIA BARNAUL	27	15	33	8	21	1.4	64	-3
KHABAROVSK	29	18	35	14	23	2.1	96	-30
VLADIVOSTOK	22	17	31	13	20	1.9	248	115
UKRAIN KIEV	26	16	31	12	21	1.4	82	-3
LVOV	23	13	32	7	18	0.4	129	34
KIROVOGRAD	27	15	33	10	21	0.8	79	24
ODESSA	27	19	31	15	23	1	80	34
RUSSIA SARATOV	27	18	34	13	22	1.3	98	49
UKRAIN KHARKOV	27	16	34	11	22	1.5	47	-17
RUSSIA VOLGOGRAD	31	18	37	12	24	1.2	45	14
ASTRAKHAN	32	20	37	17	26	1.1	27	-5

Based on Preliminary Reports

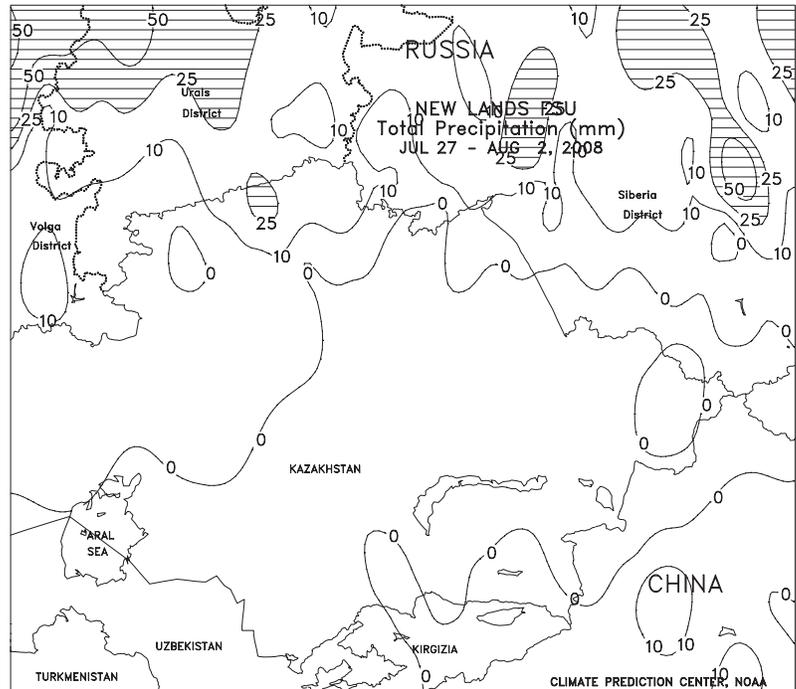
July 2008

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
KRASNODAR	30	18	37	13	24	0.4	47	-3	ZIMBAB KADOMA	***	***	29	6	***	***	***	***
ORENBURG	31	17	36	12	24	1.8	61	21	S AFRI PRETORIA	20	5	25	0	13	0.6	2	0
KAZAKH TSELINOGRAD	29	17	39	11	23	2.1	88	42	JOHANNESBURG	17	6	21	-2	11	1.2	0	-2
KARAGANDA	29	16	39	9	22	1.4	52	16	BETHAL	19	2	23	-5	10	1.4	0	-4
UZBEKI TASHKENT	37	20	43	14	29	1.1	0	-3	DURBAN	23	11	30	8	17	0.1	4	-45
TURKME ASHKHABAD	39	24	43	21	31	0.3	1	-36	CAPE TOWN	17	8	24	2	12	0.3	209	123
SYRIA DAMASCUS	38	19	40	15	28	1.6	0	***	CANADA TORONTO	27	16	31	12	22	0.7	193	119
PAKIST KARACHI	34	28	38	25	31	0.4	59	-13	MONTREAL	26	17	33	13	21	0.5	119	28
INDIA AMRITSAR	34	25	37	22	30	-0.5	214	20	WINNIPEG	25	12	30	7	18	-1.1	54	-15
NEW DELHI	35	27	38	24	31	0.2	165	-48	REGINA	25	11	32	5	18	-0.5	119	53
AHMEDABAD	33	26	36	24	30	0.2	131	-141	SASKATOON	25	11	32	6	18	-0.4	106	46
INDORE	30	22	33	21	26	-0.5	152	-141	LETHBRIDGE	25	9	31	5	17	-0.8	119	72
CALCUTTA	33	26	36	24	30	0.0	307	-39	CALGARY	23	10	30	6	16	0.3	77	12
VERAVAL	31	27	32	24	29	0.2	563	305	EDMONTON	24	12	31	9	18	0.5	80	-5
BOMBAY	30	26	31	24	28	0.1	799	54	VANCOUVER	22	13	26	11	18	0.4	16	-24
POONA	29	22	32	21	26	0.2	79	-97	MEXICO GUADALAJARA	25	18	28	16	22	0.0	137	-120
BEGAMPET	33	23	37	20	28	1.1	98	-55	TLAXCALA	22	12	26	9	17	-0.9	39	-116
VISHAKHAPATNAM	31	26	37	23	29	-0.3	172	50	ORIZABA	25	16	28	12	20	0.6	464	43
MADRAS	36	27	38	24	32	0.9	45	-72	BERMUD ST GEORGES	29	25	30	23	27	-0.8	177	56
MANGALORE	30	23	32	21	26	0.6	605	-411	BAHAMA NASSAU	33	25	34	22	29	1.0	207	70
HONGKO HONG KONG INT	32	27	37	24	30	0.9	382	13	CUBA HAVANA	32	22	34	20	27	0.5	70	-40
N KORE PYONGYANG	28	22	33	19	25	0.5	307	18	JAMAIK KINGSTON	32	26	35	23	29	0.1	156	120
S KORE SEOUL	28	23	33	20	26	0.3	492	158	P RICO SAN JUAN	32	26	33	24	29	0.6	49	-57
JAPAN SAPPORO	26	19	31	13	22	1.6	65	-3	GUADEL RAIZET	31	24	32	23	28	-0.2	142	43
NAGOYA	33	25	38	20	29	2.9	35	-185	MARTIN LAMENTIN	31	25	32	23	28	1.1	165	-14
TOKYO	31	24	35	19	28	2.3	49	-113	BARBAD BRIDGETOWN	31	25	31	24	28	0.5	147	16
YOKOHAMA	31	24	34	18	27	1.9	42	-120	TRINID PORT OF SPAIN	32	24	34	23	28	1.3	229	-24
KYOTO	34	25	38	19	29	2.1	101	-107	VENEZU CARACAS	32	26	33	24	29	2.0	70	17
OSAKA	33	26	36	21	30	2.1	124	-33	F GUIA CAYENNE	30	22	32	21	26	0.3	465	217
THAILA PHITSANULOK	33	23	34	22	28	-0.8	137	-53	BRAZIL FORTALEZA	30	23	32	22	27	-0.1	14	-42
BANGKOK	33	26	35	24	29	0.2	221	60	RECIFE	28	23	29	22	26	-0.4	326	72
MALAYS KUALA LUMPUR	32	24	34	21	28	0.7	87	-43	CAMPO GRANDE	28	16	32	11	22	1.0	0	-21
VIETNA HANOI	34	27	37	24	30	0.4	424	167	FRANCA	25	14	28	11	20	1.0	0	-16
CHINA HARBIN	28	21	33	18	24	1.4	101	-28	RIO DE JANEIRO	27	16	32	14	21	0.1	12	-34
HAMI	35	20	38	16	27	0.7	4	-4	LONDRINA	26	12	30	8	19	2.2	22	-54
LANGCHOW	***	***	22	22	***	***	***	***	SANTA MARIA	21	13	29	4	17	2.6	164	7
BEIJING	32	23	36	18	27	1.0	82	-104	TORRES	20	13	29	8	17	-2.1	51	-44
TIENTSIN	31	24	36	19	28	0.6	148	-9	PERU LIMA	21	17	23	16	19	1.9	0	-5
LHASA	23	11	25	8	17	0.8	186	64	BOLIVI LA PAZ	14	-5	15	-8	4	-1.2	3	-4
KUNMING	24	17	28	14	20	0.3	298	99	CHILE SANTIAGO	15	4	21	0	9	1.2	23	-38
CHENGCHOW	31	23	37	20	27	-0.1	303	146	ARGENT IGUAZU	25	13	30	7	19	3.3	67	-7
YEHCHANG	31	24	36	21	28	0.1	322	110	FORMOSA	27	16	33	7	21	4.5	33	-10
HANKOW	33	27	37	24	30	0.9	149	-39	CERES	23	11	34	1	17	5.4	0	-17
CHUNGKING	34	25	39	22	30	1.5	48	-101	CORDOBA	21	8	30	2	14	4.1	0	-12
CHIHKIANG	32	24	37	21	28	0.7	187	57	RIO CUARTO	18	8	31	3	13	3.7	9	-10
WU HU	34	26	38	24	30	1.6	135	-31	ROSARIO	20	9	32	-2	14	3.9	6	-25
SHANGHAI	34	27	39	25	31	2.4	109	-36	BUENOS AIRES	17	9	29	-1	13	3.2	11	-41
NANCHANG	34	27	38	24	31	1.3	129	-15	SANTA ROSA	16	5	32	-2	10	2.6	7	-13
TAIPEI	33	27	36	25	30	0.1	232	-26	TRES ARROYOS	14	6	23	-2	10	2.3	39	0
CANTON	34	26	39	24	30	1.2	174	-47	MARSHA MAJUJO	29	26	34	24	28	0.4	263	-58
NANNING	32	25	37	22	29	-0.1	272	55	NEW CA NOUMEA	25	18	31	16	22	1.6	32	-38
CANARY LAS PALMAS	27	21	29	20	24	0.2	0	***	FIJI NAUSORI	27	20	30	15	23	0.8	102	-8
MOROCC CASABLANCA	26	20	29	19	23	0.6	0	-1	SAMOA PAGO PAGO	29	25	30	23	27	0.4	113	-33
MARRAKECH	37	21	44	17	29	0.8	0	-1	TAHITI PAPEETE	28	22	29	19	25	0.4	76	22
ALGERI ALGER	32	21	36	16	26	2.1	9	3	PNEWGU PORT MORESBY	29	24	31	22	26	0.7	88	63
BATNA	37	19	43	14	28	2.0	20	9	NZEALA AUCKLAND	15	8	19	0	11	***	211	***
TUNISI TUNIS	35	23	42	19	29	2.2	1	-3	WELLINGTON	13	8	15	0	10	***	193	***
NIGER NIAMEY	34	24	38	20	29	-0.2	155	10	AUSTRA DARWIN	30	19	33	13	25	-0.5	0	***
MALI TIMBUKTU	39	27	45	22	33	0.6	50	-9	BRISBANE	20	10	25	4	15	-0.1	148	90
BAMAKO	31	23	34	21	27	0.1	343	114	PERTH	18	7	20	1	13	-0.6	209	56
MAURIT NOUAKCHOTT	32	26	40	24	29	2.1	1	-12	CEDUNA	17	8	22	-1	12	0.7	28	-12
SENEGA DAKAR	31	26	33	21	29	1.6	115	38	ADELAIDE	14	8	18	1	11	0.0	75	11
LIBYA TRIPOLI	38	23	48	19	30	2.7	0	***	MELBOURNE	13	6	18	0	9	0.1	43	6
BENGHAZI	32	21	36	19	27	0.4	0	***	WAGGA	13	4	18	-1	8	0.8	96	38
EGYPT CAIRO	35	24	38	23	30	1.4	0	***	CANBERRA	11	1	16	-3	6	0.2	76	30
ASWAN	42	28	44	26	35	1.1	0	0	INDONE SERANG	32	22	33	20	27	-0.3	0	-76
ETHIOP ADDIS ABABA	***	***	22	9	***	***	***	***	PHILIP MANILA	31	26	34	24	29	0.5	370	-62
KENYA NAIROBI	22	13	27	7	18	0.8	25	11									
TANZAN DAR ES SALAAM	29	19	31	16	24	0.5	7	-21									
GABON LIBREVILLE	28	23	29	22	25	1.1	0	-1									
TOGO LOME	29	25	32	22	27	1.8	93	-8									
BURKIN OUAGADOUGOU	31	24	36	21	28	-0.1	210	35									
COTE D ABIDJAN	30	25	32	22	27	1.9	119	-16									
MOZAMB MAPUTO	27	14	35	9	21	1.3	14	-1									
ZAMBIA LUSAKA	23	8	29	5	16	-1.2	0	0									

Based on Preliminary Reports

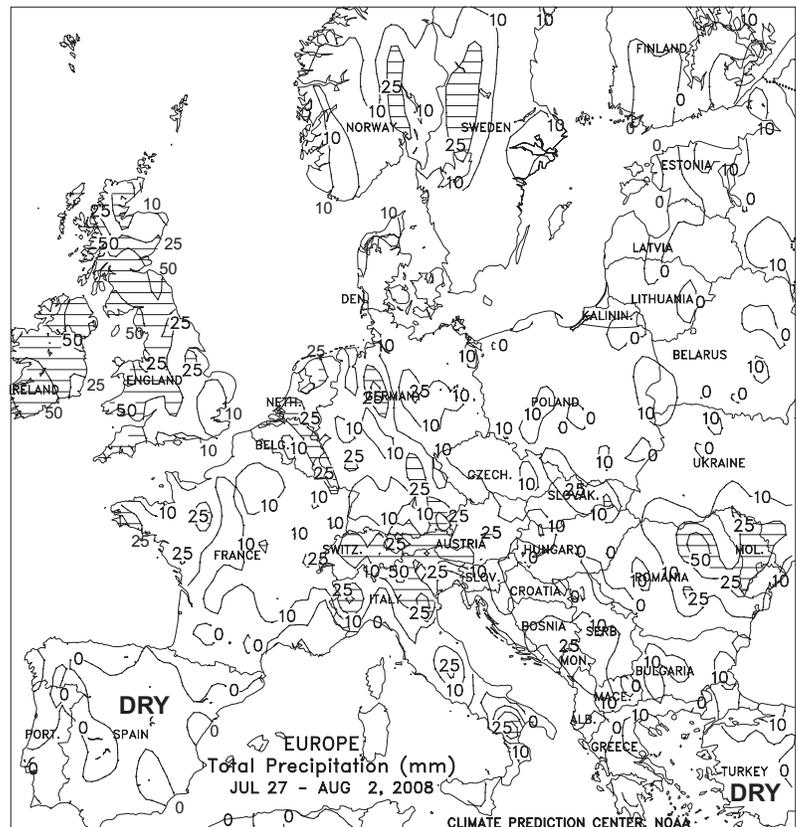
**FSU - NEWLANDS**

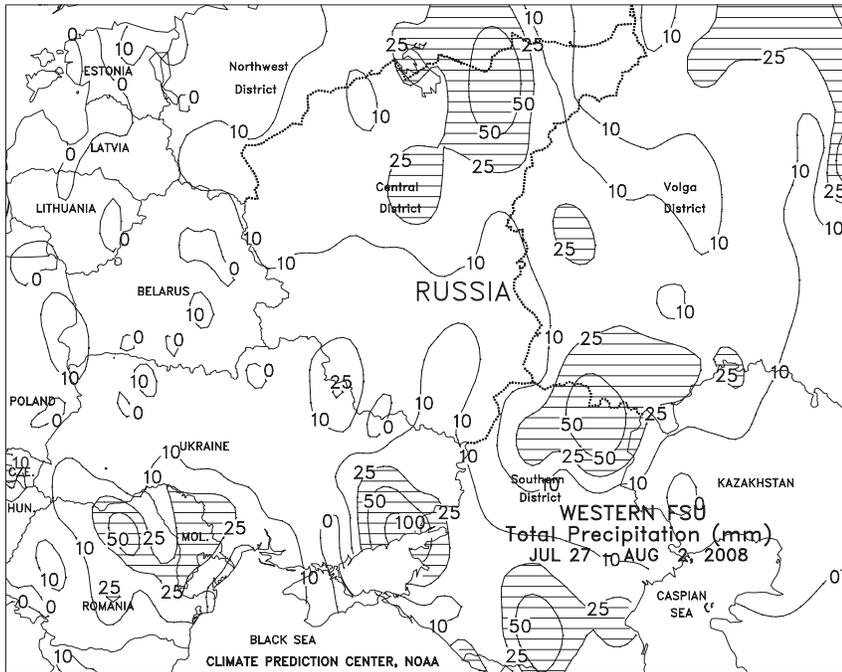
In Russia, much-needed rain (10-25 mm or more) accompanied a cooling trend in the Urals District, ending a prolonged period of unfavorable heat and dryness that had prevailed over the region since the beginning of July. The rain and cooler weather helped to stabilize conditions for spring grains in the filling stage of development. Farther east, extremely hot and dry weather prevailed across the southern portion of the Siberia District, stressing filling spring grains and accelerating crop development. Most locations reported maximum temperatures from 33 to 40 degrees C during the week. In contrast, light to moderate showers (10-25 mm or more) maintained favorable growing conditions for spring grains across northern growing areas in Siberia. Weekly temperatures averaged near to slightly above normal in the Urals District and 1 to 5 degrees C above normal in the Siberia District from north to south, respectively. In Kazakhstan, early-week showers were followed by a cooling trend as the week progressed. Greatest amounts of precipitation (10-25 mm or more) were observed across northernmost grain-producing areas. Weekly temperatures averaged 2 to 4 degrees C above normal in the north-central areas and 4 to 6 degrees C above normal in the east. In cotton-growing areas of Central Asia, above-normal temperatures increased seasonal demands on irrigation and promoted crop development.



**EUROPE**

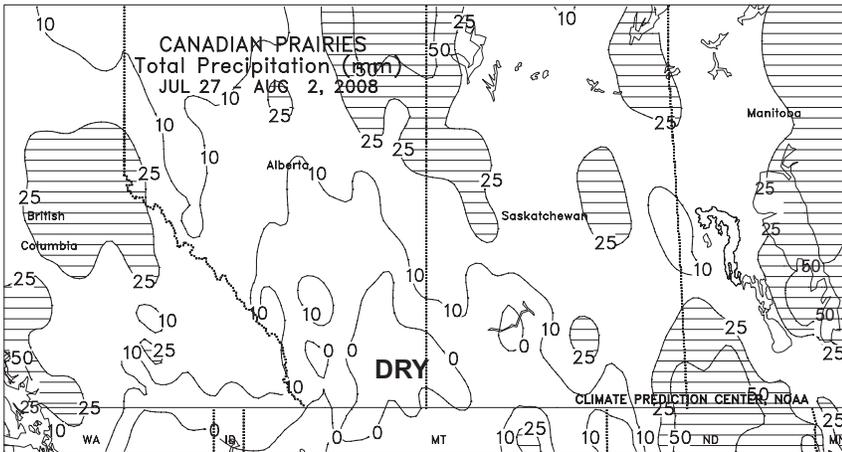
Wet weather in central Europe contrasted with dry, warm conditions across northeastern growing areas. A strong ridge of high pressure anchored over Scandinavia maintained dry, warm conditions (2-6 degrees C above normal) from eastern Germany into Poland and the Baltics; the sunny skies coupled with daytime temperatures in the lower-to-middle 30s (degrees C) further reduced soil moisture for filling spring grains and vegetative summer crops, especially in northwestern Poland and northeastern Germany. Farther west, a pair of slow-moving cold fronts produced showers and occasionally severe thunderstorms (5-50 mm) across England, France, western Germany, and northern Italy; the rain slowed small grain harvesting but maintained favorable prospects for vegetative to reproductive corn and sunflowers. Meanwhile, dry weather returned to the Balkans, promoting fieldwork and crop drydown in the wake of last week's heavy downpours. Despite the mostly favorable growing conditions in southeastern Europe, little if any rain has fallen in northern Greece over the course of several weeks, maintaining high irrigation demands for cotton and other summer crops.





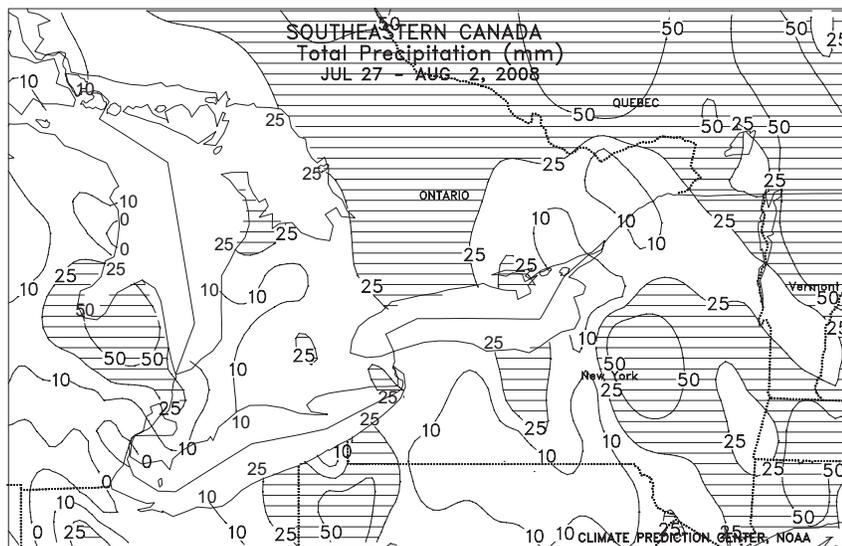
**FSU-WESTERN**

High pressure prevailed across the western portion of the region, ushering in welcome drier weather. The dryness in western Ukraine followed in the wake of last week's heavy rainfall, allowing flood waters to recede and improving conditions for small grain harvesting. Farther east, early-week showers (5-25 mm or more) were followed by a cooling trend in the eastern half of Ukraine and southern Russia, bringing relief to summer crops (corn, sunflowers, and sugar beets) that were stressed by hot, dry weather the previous week. Elsewhere, intermittent showers (5-25 mm or more) and cool weather prevailed from Belarus eastward across northern Russia (Central and Volga Districts), benefiting immature spring grains and causing only brief delays in small grain harvesting. Weekly temperatures averaged near normal in western Ukraine and Belarus and 1 to 3 degrees C below normal across the remainder of Ukraine and Russia. Reports from Russia (July 29) and Ukraine (August 4) indicated that the grain harvest was 20 percent and 60 percent complete, respectively.

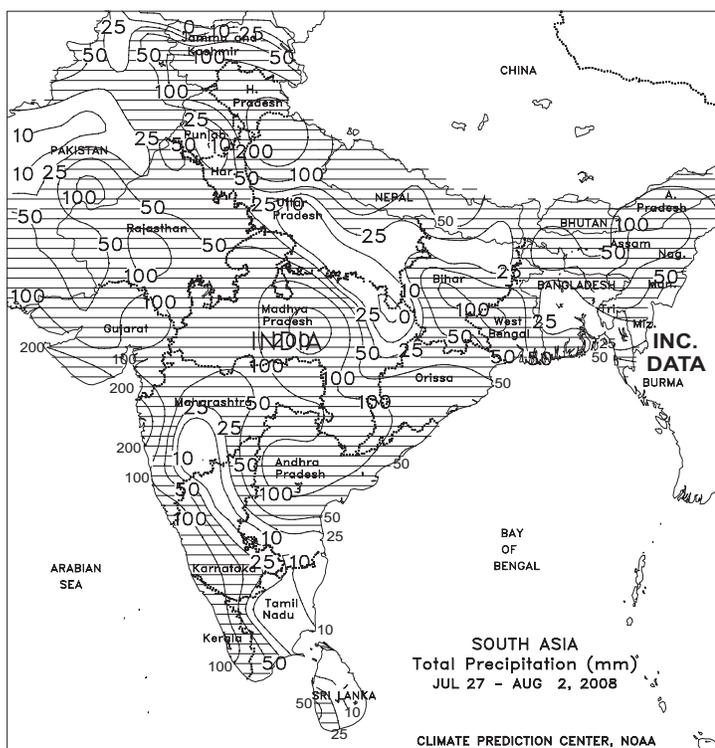


**CANADA**

Showers improved conditions for reproductive to filling spring grains and oilseeds on the Canadian Prairies. The heaviest rain (25-50 mm) was concentrated in the southeast, bringing additional drought relief to parts of southeastern Saskatchewan and southwestern Manitoba. Welcomed rain (10-25 mm) also fell in previously dry northern crop areas near the border of Alberta and Saskatchewan. In contrast, drier weather prevailed on the southwestern Prairies. The sunny weather aided spring grain and oilseed development in southern Alberta, with near-normal temperatures (highs reaching the upper 20s and lower 30s degrees C) promoting crop development in the absence of stressful heat. Above-normal temperatures (highs in the lower and middle 30s degrees C) advanced development of spring crops and forage in southern Saskatchewan. Unfavorably dry conditions persisted in Alberta's Peace River Valley.

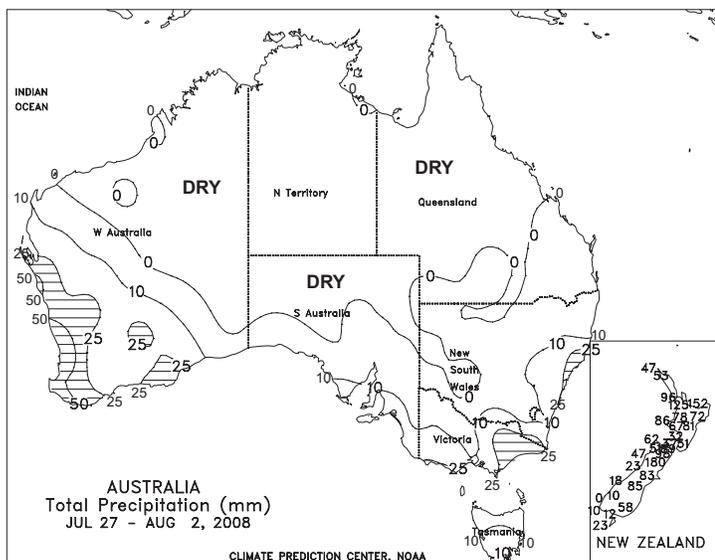


Warm (highs in the upper 20s degrees C), sunny weather aided growth of summer crops and pastures in Ontario's southern farming areas. Conditions also favored harvesting of winter wheat and forage crops. Moderate to heavy rain (10-25 mm or more) and near- to below-normal temperatures continued in the agricultural districts of eastern Ontario and southern Quebec. While maintaining adequate to abundant moisture levels for agriculture, the cooler, wetter conditions slowed summer crop development and disrupted fieldwork, including winter grain harvesting and treatments for pests and diseases.



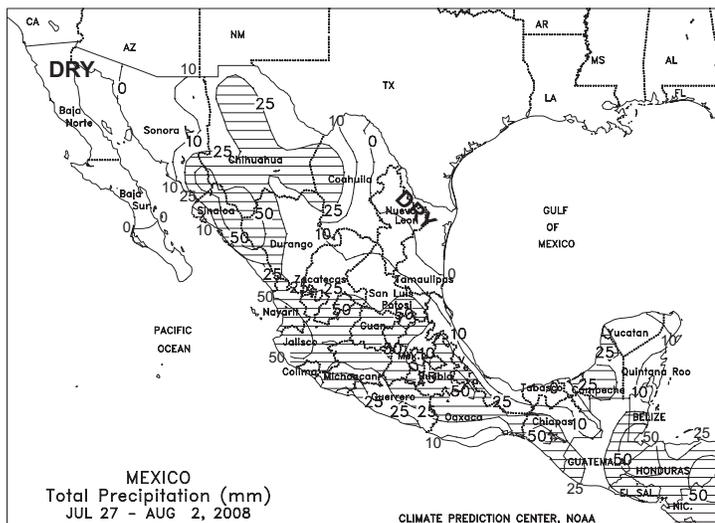
**SOUTH ASIA**

The monsoon persisted, generating widespread rainfall in most major agricultural areas. A monsoon low developed in the central Bay of Bengal and tracked northwestward, producing a broad swath of moderate to heavy rain (50-270 mm) across central and western India as well as southern Pakistan. The moisture was beneficial for vegetative summer crops, and further eased dryness concerns in Maharashtra, India. In southern Pakistan, the showers (50-100 mm) signaled the belated arrival of the monsoon (more than a month later than normal), easing irrigation demands for cotton and rice but likely arriving too late to benefit any non-irrigated summer crops. Rain also returned to northern portions of India and Pakistan, favoring cotton and rice. To date, the monsoon has been near to above normal over much of the subcontinent, maintaining favorable prospects for most summer crops.



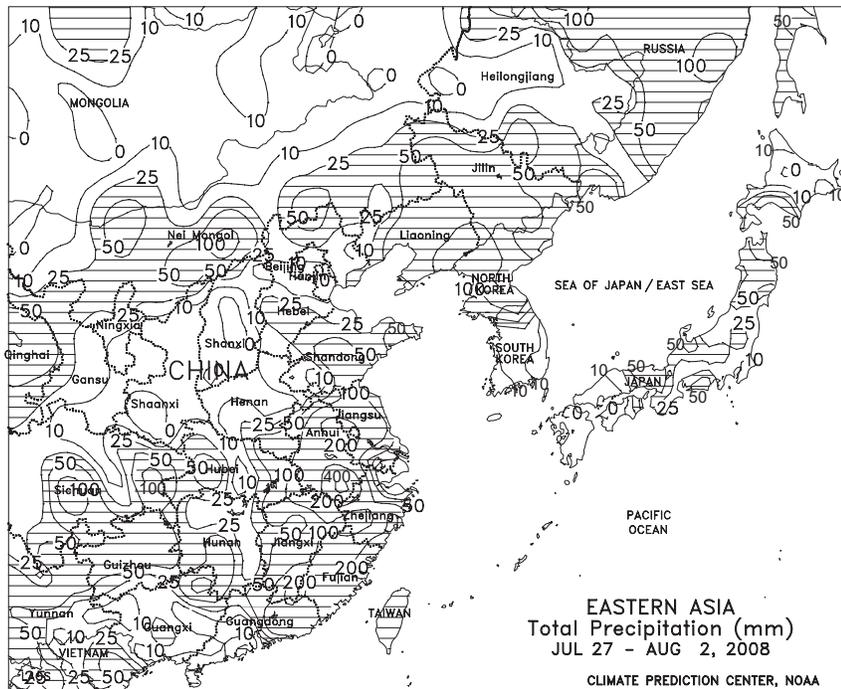
**AUSTRALIA**

Soaking rain (10-35 mm, locally near 50 mm) fell throughout the Western Australia wheat belt, maintaining adequate to abundant topsoil moisture for winter wheat and barley. The wet weather continued the pattern of above-normal rainfall since mid-July, providing favorable growing conditions for vegetative winter grains. Elsewhere across the Australia wheat belt, scattered showers (2-15 mm, locally more) continued to benefit vegetative winter grains in South Australia, Victoria, New South Wales, and southern Queensland. Temperatures in southern and eastern Australia averaged about 1 to 2 degrees C below normal, while in Western Australia temperatures averaged near normal.



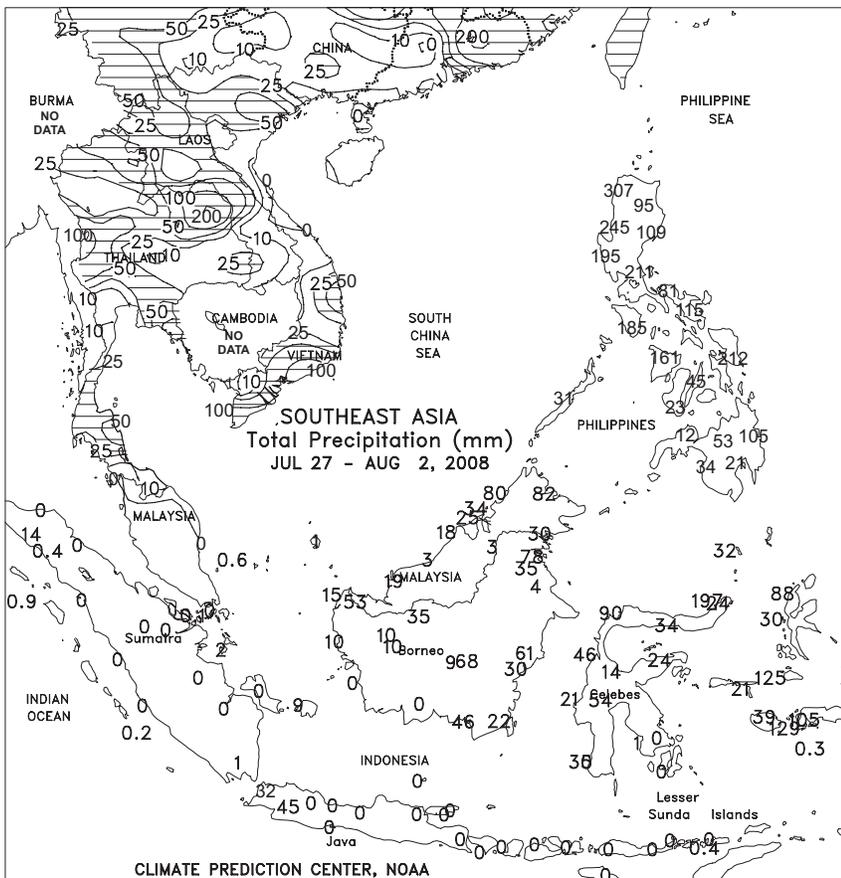
**MEXICO**

Rain (10-25 mm or more) benefited corn and other rain-fed summer crops across the southern plateau. The moisture was especially welcome in central growing areas (in and around Guanajuato) that have trended dry in recent weeks. Locally heavy monsoon showers (10-25 mm, locally exceeding 50 mm) spread northward from Jalisco and Nayarit through Chihuahua, boosting reservoir levels throughout the northwest. In contrast, drier weather returned to the lower Rio Grande Valley, allowing some recovery from heavy rains associated with last week's landfall of Hurricane Dolly. Drier weather also returned to southeastern Mexico, including important southern farming areas of Veracruz, although scattered showers (10-25 mm) were recorded along the southern Pacific Coast and the Yucatan Peninsula.



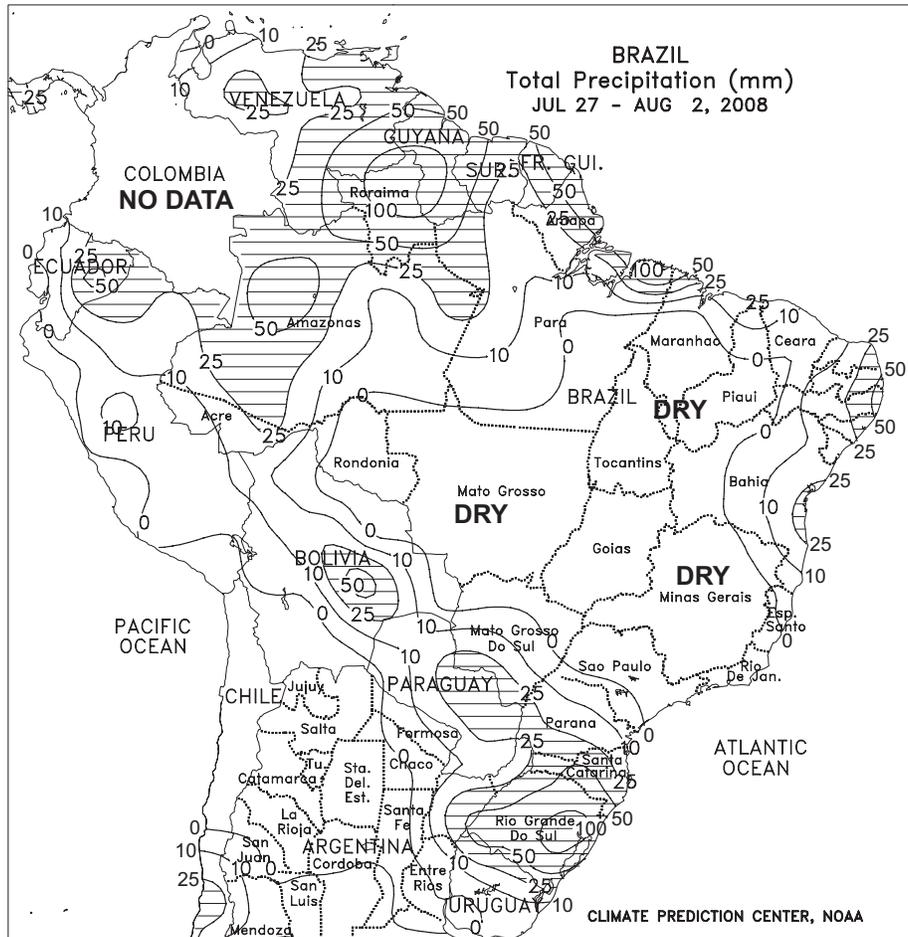
**EASTERN ASIA**

Rainfall prevailed throughout most major growing areas of China, benefiting crops, although excessive amounts in the southeast caused flooding. Southerly monsoon winds brought 25 to 100 mm of rain to most of Manchuria, with the highest amounts occurring in Jilin and Liaoning. Soil moisture in those areas was abundant to possibly excessive for corn and soybeans in the latter stages of reproduction, with similar moisture conditions prevailing in eastern Heilongjiang as well. Although an expanding area of dryness in western Heilongjiang was causing stress to crops progressing through the moisture sensitive reproductive stage of development. Tropical Cyclone Fung-wong made landfall in Fujian province with tropical storm strength winds (34-63 kts). The cyclone rapidly dissipated, but the remnants enhanced monsoon moisture already in place, causing flooding rain (100-200 mm, locally up to 400 mm) across the southeast and into the eastern Yangtze Valley. The downpours were especially detrimental to cotton plants in the southern portions of the North China Plain that were likely setting bolls. Rainfall was lighter (10-100 mm) and more beneficial to crops in surrounding areas, with dry weather in Henan favoring cotton after last week's deluge.

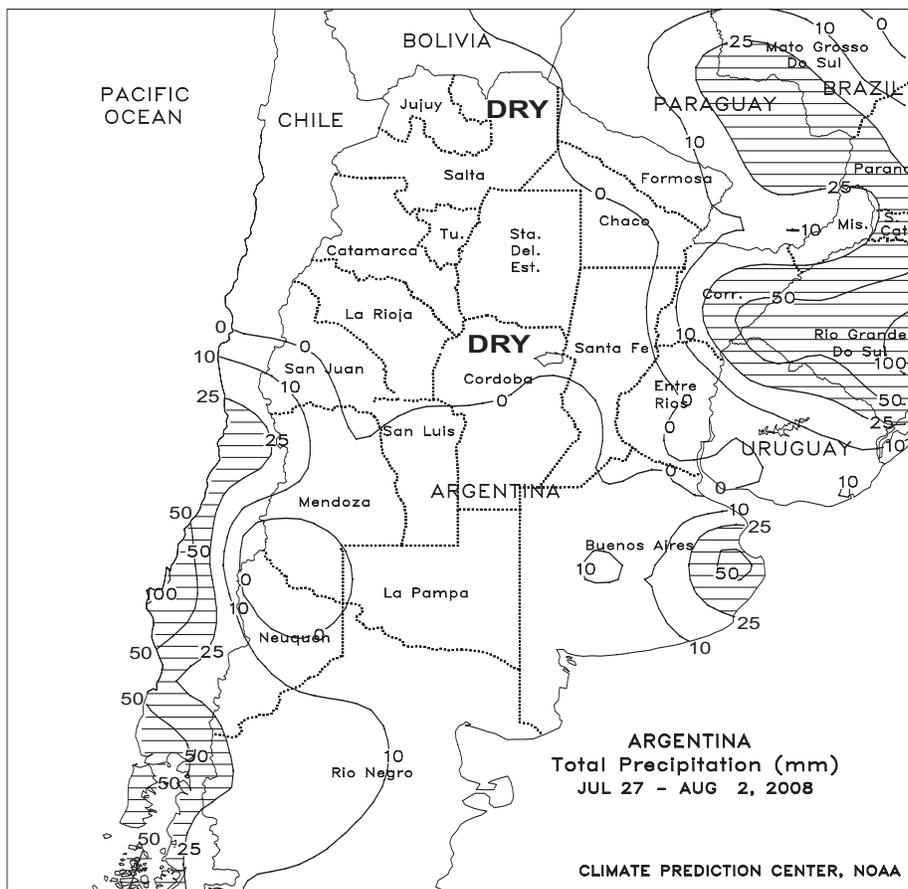


**SOUTHEAST ASIA**

Seasonal showers prevailed throughout Indochina, while flooding rains returned to the northern Philippines. In Thailand, monsoon rains (10-100 mm) maintained favorable soil moisture for corn and rice. Meanwhile in Vietnam, 50 to 100 mm of rain in the south slowed both summer rice harvesting and winter rice planting. In northern Vietnam, however, lighter showers (10-25 mm, locally more) favored developing winter rice without slowing planting activities. Tropical Cyclone Fung-wong continued to enhance monsoon moisture across the northern Philippines early in the week, while a tropical disturbance to the northwest of Luzon brought more rain late in the week. As a result, the two tropical systems combined for 100 to nearly 400 mm of rainfall and produced more flooding to rice and corn areas in Luzon, likely necessitating additional replanting. Elsewhere in the Philippines, generally lighter amounts prevailed (25-100 mm), maintaining favorable soil moisture conditions for crops. In oil palm areas of Indonesia and Malaysia, drier weather followed last week's downpours, allowing harvest activities to resume.



**BRAZIL**  
Rain (10-25 mm, locally exceeding 50 mm) continued in major wheat producing areas of southern Brazil (Rio Grande do Sul, Santa Catarina, and Parana). Rain also fell in southern Mato Grosso do Sul and by week's end, showers and thunderstorms were advancing through northern growing areas of Mato Grosso do Sul and Sao Paulo (additional information will appear in next week's *Weekly Weather and Crop Bulletin*). Elsewhere, warm, dry weather maintained favorable harvest conditions for coffee, citrus, and sugarcane in the main production areas of central and southeastern Brazil (notably Sao Paulo and Minas Gerais). Light to moderate showers (10-25 mm or more) continued along the northeast coast.



**ARGENTINA**  
Dry, seasonably mild weather continued throughout Cordoba and Santa Fe, maintaining unfavorably dry conditions for the final stages of winter grain planting. Although the winter (June, July, and August) is climatologically the driest time of year in this region, combined precipitation for the months of June and July 2008 ranked among the driest on record, especially in Santa Fe. Farther south, light rain (most areas less than 10 mm) lingered across primary winter wheat areas of La Pampa and Buenos Aires, allowing planting to advance after last week's rain. Freezing temperatures were generally confined to La Pampa and Buenos Aires. According to Argentina's ministry of agriculture (SAGPyA), winter wheat planting was 87 percent complete nationally as of July 31, 4 percentage points behind last year. Planting advanced 7 points in Buenos Aires, Argentina's largest wheat producer, and progress was on par with that of last year (84 percent versus 85 percent last year). Fieldwork advanced only 3 points in drought-stricken Cordoba (86 percent planted versus 99 last year).

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