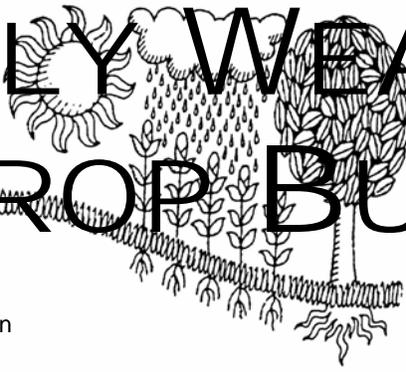
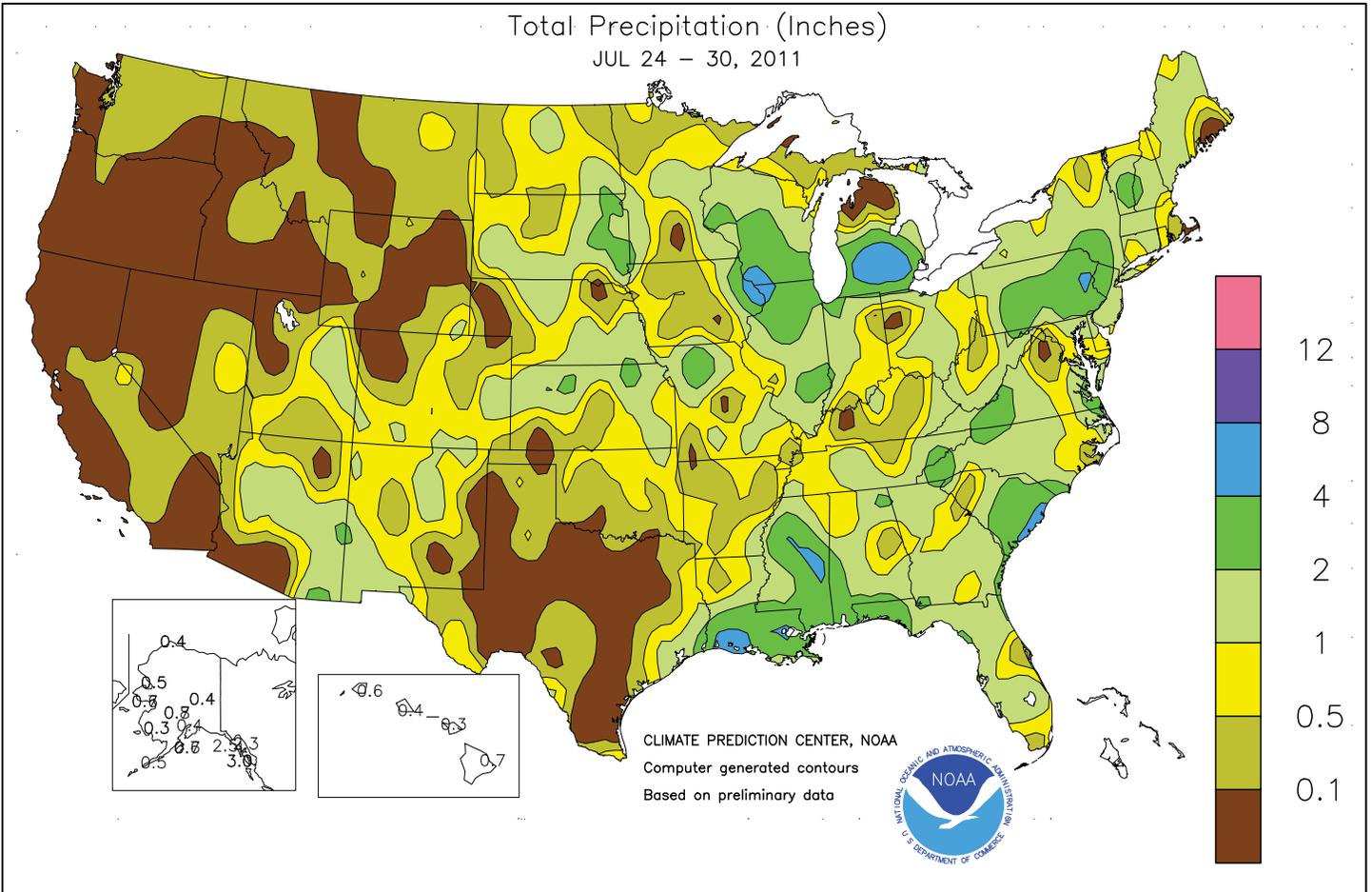


WEEKLY WEATHER AND CROP BULLETIN



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Weather Service

U.S. DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service
and World Agricultural Outlook Board



HIGHLIGHTS

July 24 - 30, 2011

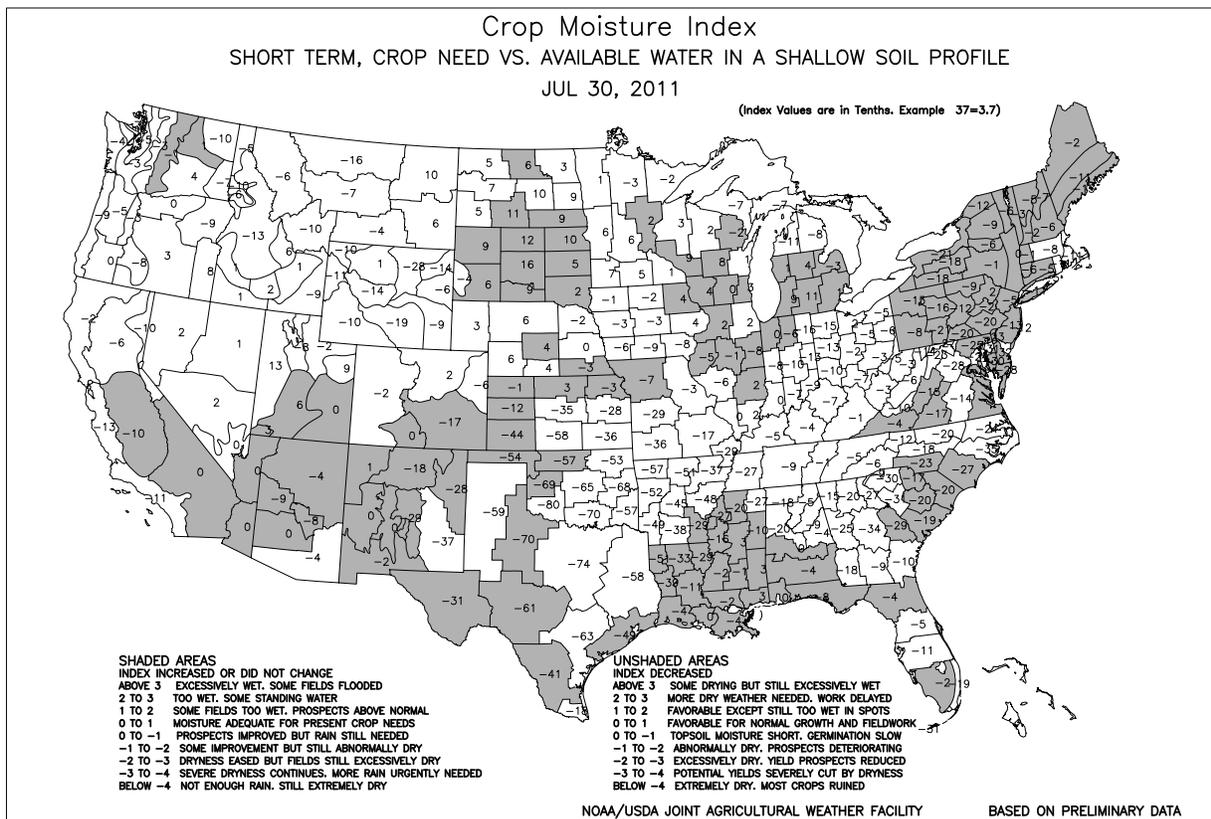
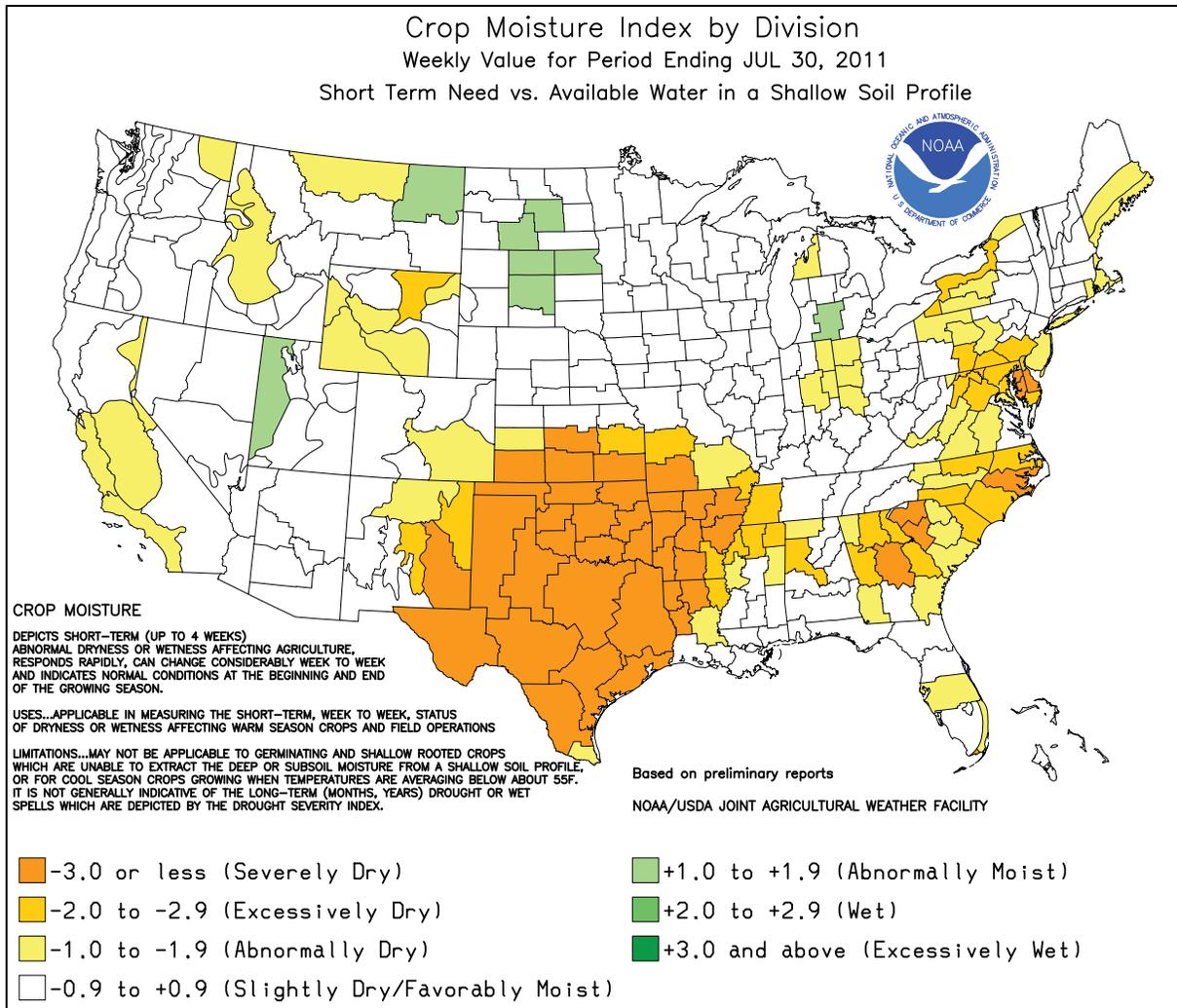
Highlights provided by USDA/WAOB

Despite scattered, locally heavy showers across the **Midwest** and **Southeast**, hot weather continued to have a detrimental impact on summer crops. The heat's effects were amplified in areas largely bypassed by showers, including a broad arc of farmland stretching from **southern Iowa into the western Ohio**. Meanwhile, an already dire situation continued to worsen across the **south-central U.S.**, where the combination of an historic 10-month drought and a relentless summer heat wave left little hope for rain-fed commodities and placed significant

(Continued on page 5)

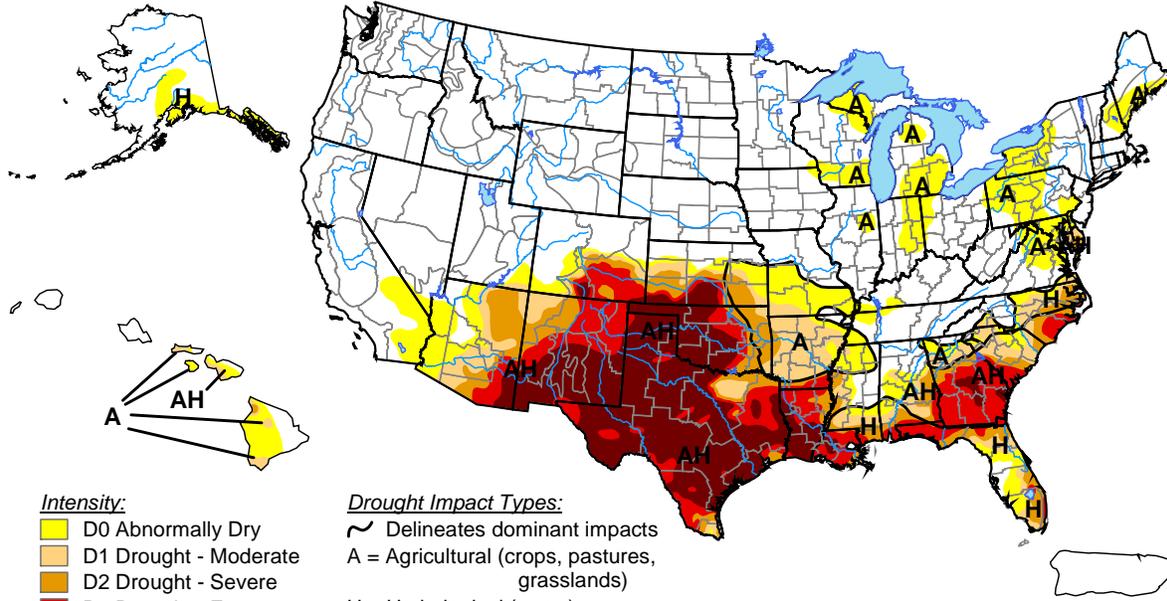
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U.S. Drought Monitor

July 26, 2011
Valid 7 a.m. EDT



- 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. See accompanying text summary for forecast statements.

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

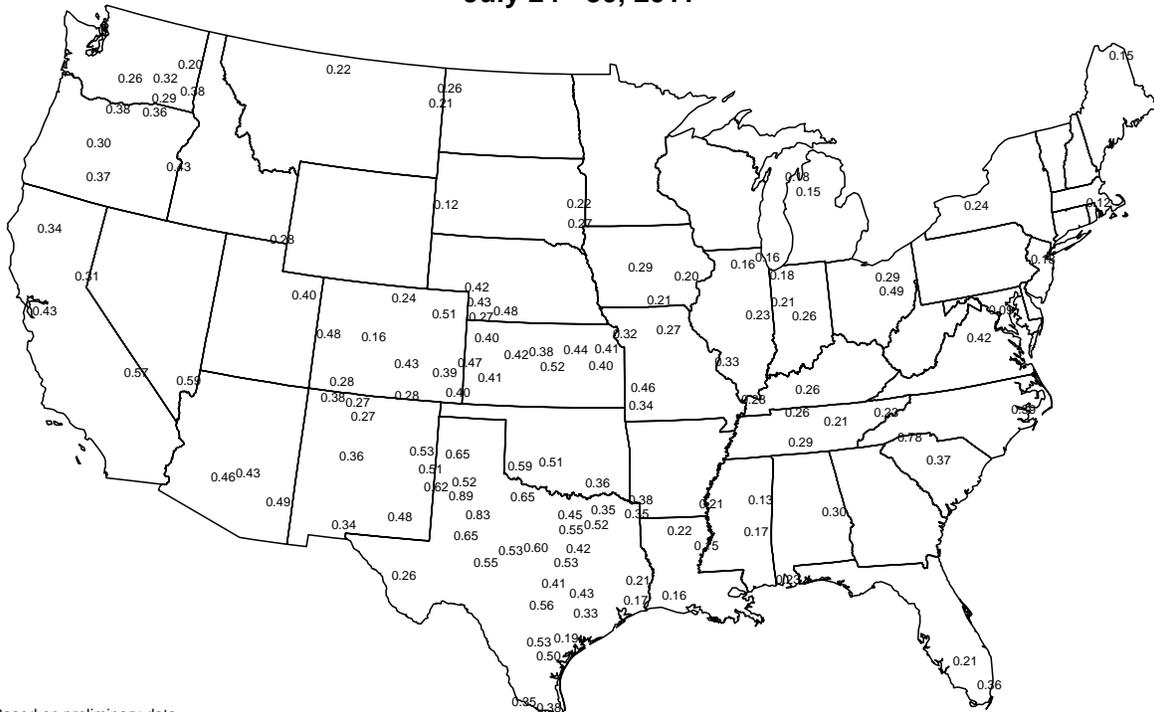


Released Thursday, July 28, 2011

Author: Brad Rippey, U.S. Department of Agriculture

Average Pan Evaporation (inches/day)

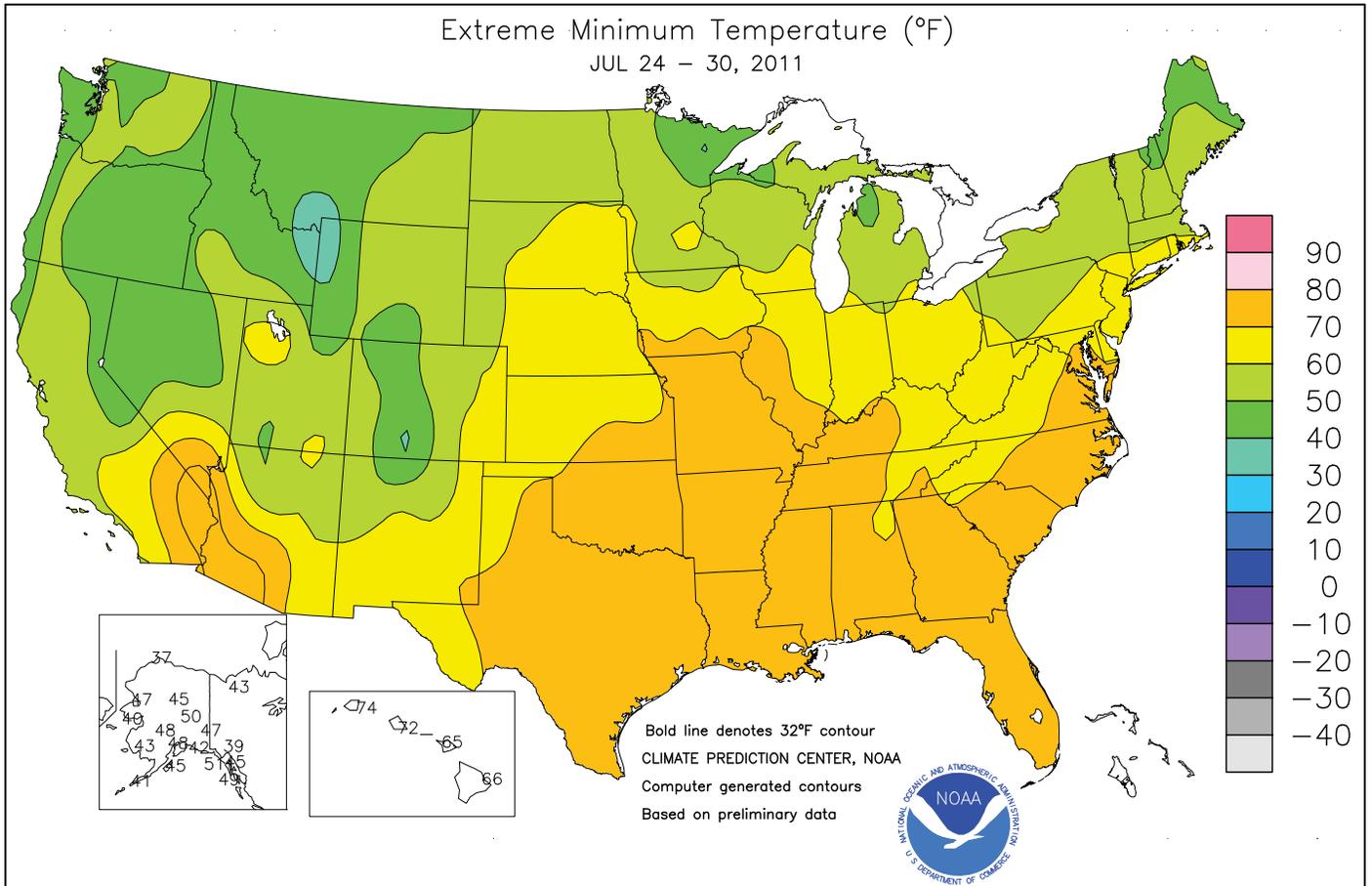
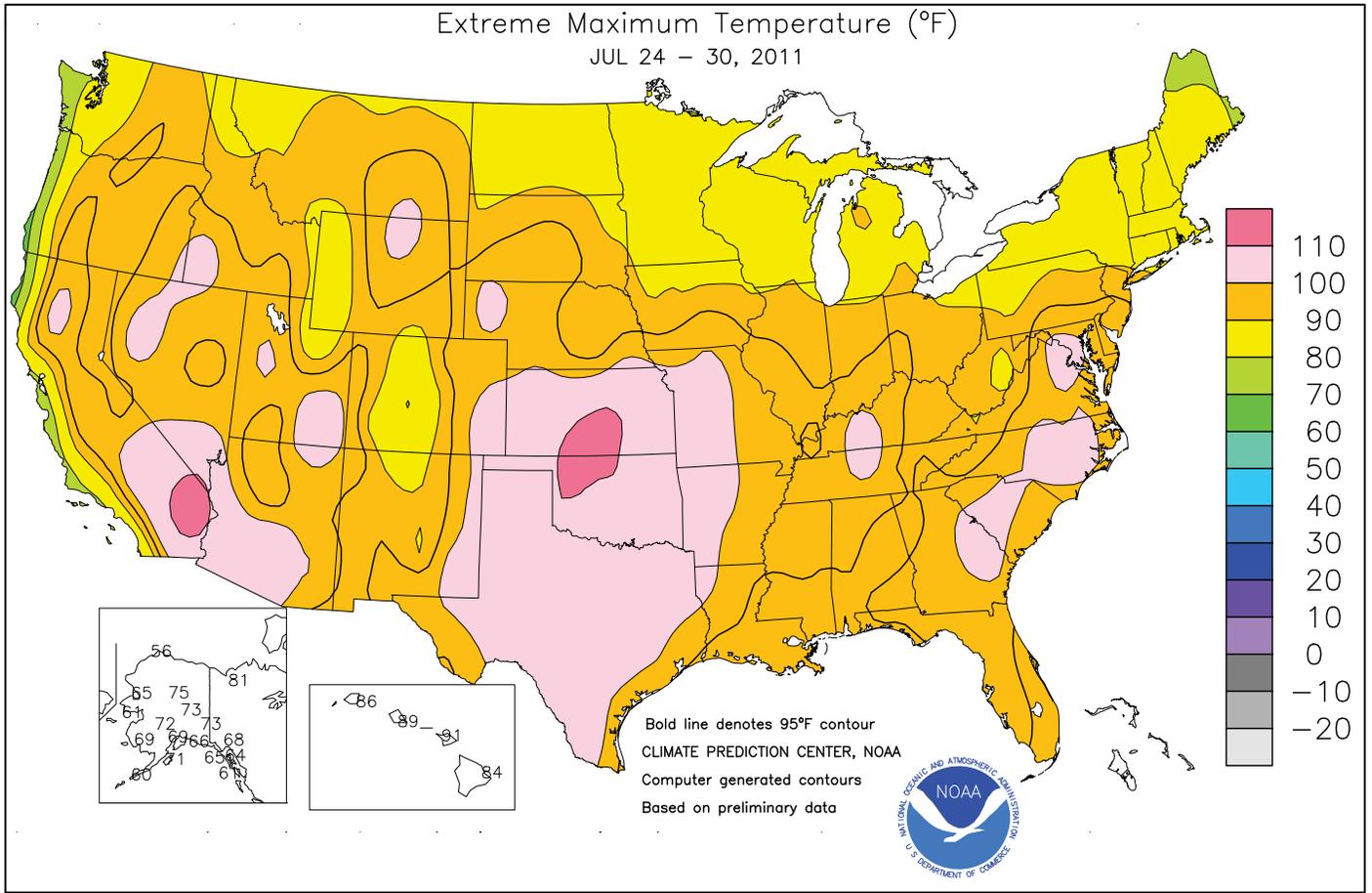
July 24 - 30, 2011



Based on preliminary data

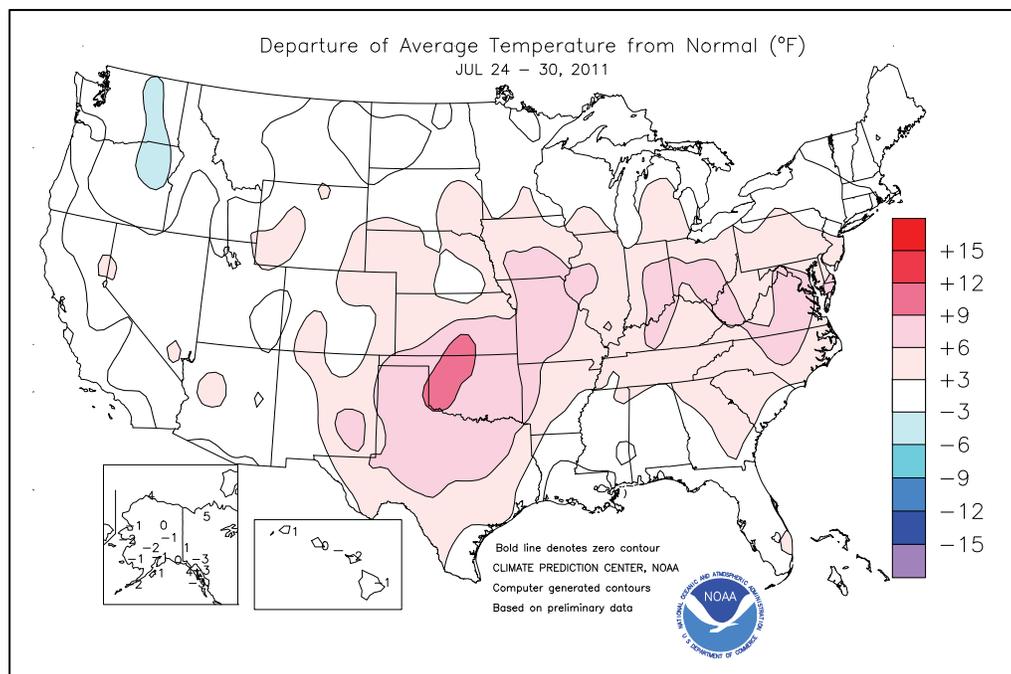
USDA Agricultural Weather Assessments

Data obtained from the NWS Cooperative Observer Network.



(Continued from front cover)

stress on livestock and irrigated crops. In contrast, warmth across the **northern Plains** promoted maturation of winter wheat and the development of spring-sown small grains. Cool conditions lingered, however, across the **interior Northwest**, where small grains and other crops continued to experience developmental delays. Across the remainder of the **West**, an active monsoon circulation contributed to beneficial showers in the **Four Corners States**. Elsewhere, **Southeastern** showers helped to offset the effects of hot weather, especially in the **central Gulf Coast region** and the **southern Atlantic States**, while Tropical Storm Don—which made landfall in **Deep South Texas** on July 29—was a tremendous disappointment with minimal rainfall.



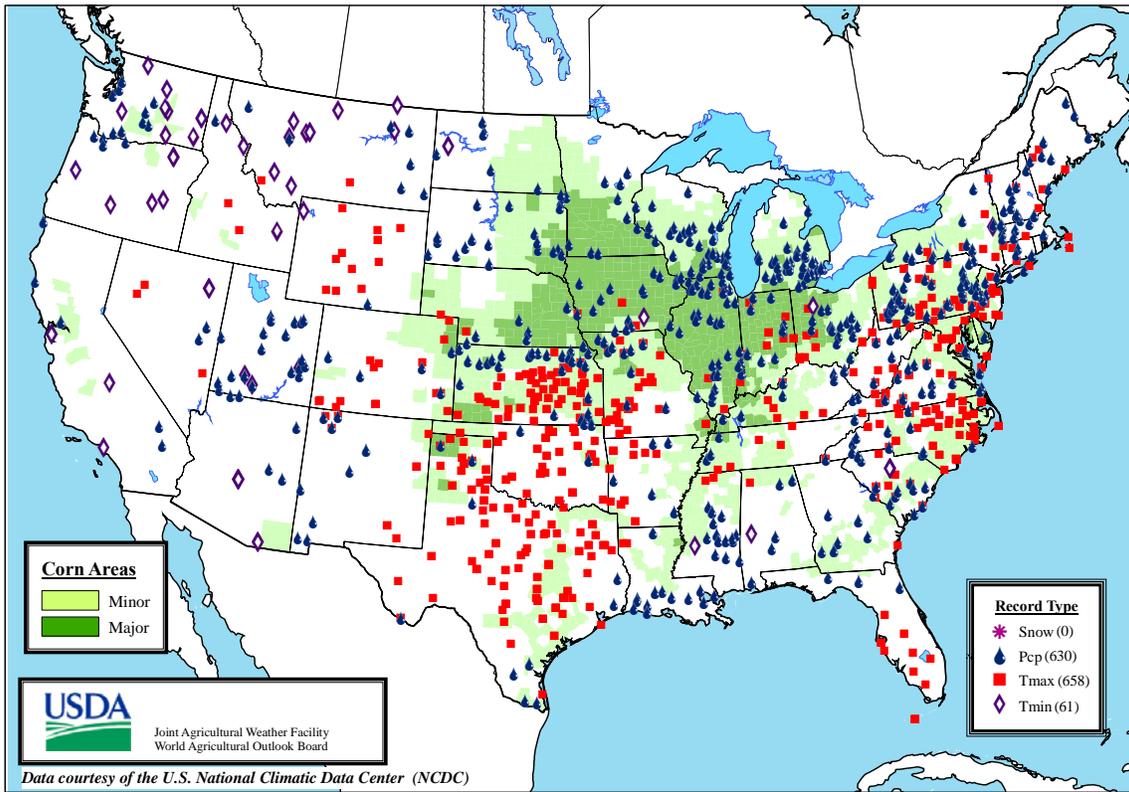
For much of the week, heavy showers continued in the **central Gulf Coast States**. **Meridian, MS**, netted a daily-record total of 2.61 inches on July 24, en route to a 5-day (July 21-25) sum of 6.20 inches. **New Orleans, LA**, received daily-record amounts on July 25 and 28 (2.34 and 3.52 inches, respectively), and ended the month with 13.00 inches of rain (210 percent of normal). Farther north, hit-or-miss thunderstorms affected the **Midwest** and **Northeast**. In **Pennsylvania**, daily-record totals for July 25 included 2.38 inches in **Harrisburg** and 2.23 inches in **Allentown**. Two days later, record-setting totals in **Michigan** for July 27 reached 3.49 inches in **Grand Rapids** and 2.15 inches in **Lansing**. On July 28, **Wisconsin** locations such as **Wisconsin Rapids** (3.20 inches) and **Green Bay** (2.25 inches) tallied daily-record amounts. **Dubuque, IA**, was hammered by 10.62 inches of rain in a 24-hour period on July 27-28, establishing an all-time record. Previously, **Dubuque's** highest 24-hour rainfall had been 8.96 inches on August 21-22, 2002. **Dubuque** also experienced its wettest calendar day on record (7.47 inches on July 27), shattering its former mark of 6.28 inches set on July 1, 1961. **Midwestern** monthly rainfall totals were extraordinarily variable, with **Dubuque** (16.01 inches) experiencing its wettest month on record and **Indianapolis, IN** (0.47 inch), weathering its driest July. Toward week's end, an increase in showers across the **East** led to daily-record totals for July 29 in locations such as **Portland, ME** (2.49 inches), and **Orlando, FL** (1.88 inches). Elsewhere, **Midland, TX**, completed another month without measurable precipitation (rain greater than a trace last fell on May 20). **Midland** also endured its driest 10-month period on record, with just 0.18 inch falling from October 2010 - July 2011. The previous record-low precipitation for any 10-month period in **Midland** was 2.60 inches from October 1950 - July 1951.

Record-setting heat persisted early in the week in the **East**, but temporarily relaxed its grip thereafter. **Raleigh-Durham, NC**, posted 5 consecutive highs of 100°F or greater from July 20-24, breaking a record most recently achieved from June 7-10, 2008. Farther west, however, a record-shattering streak of triple-digit readings continued through the end of July in **Tyler, TX**. **Tyler's**

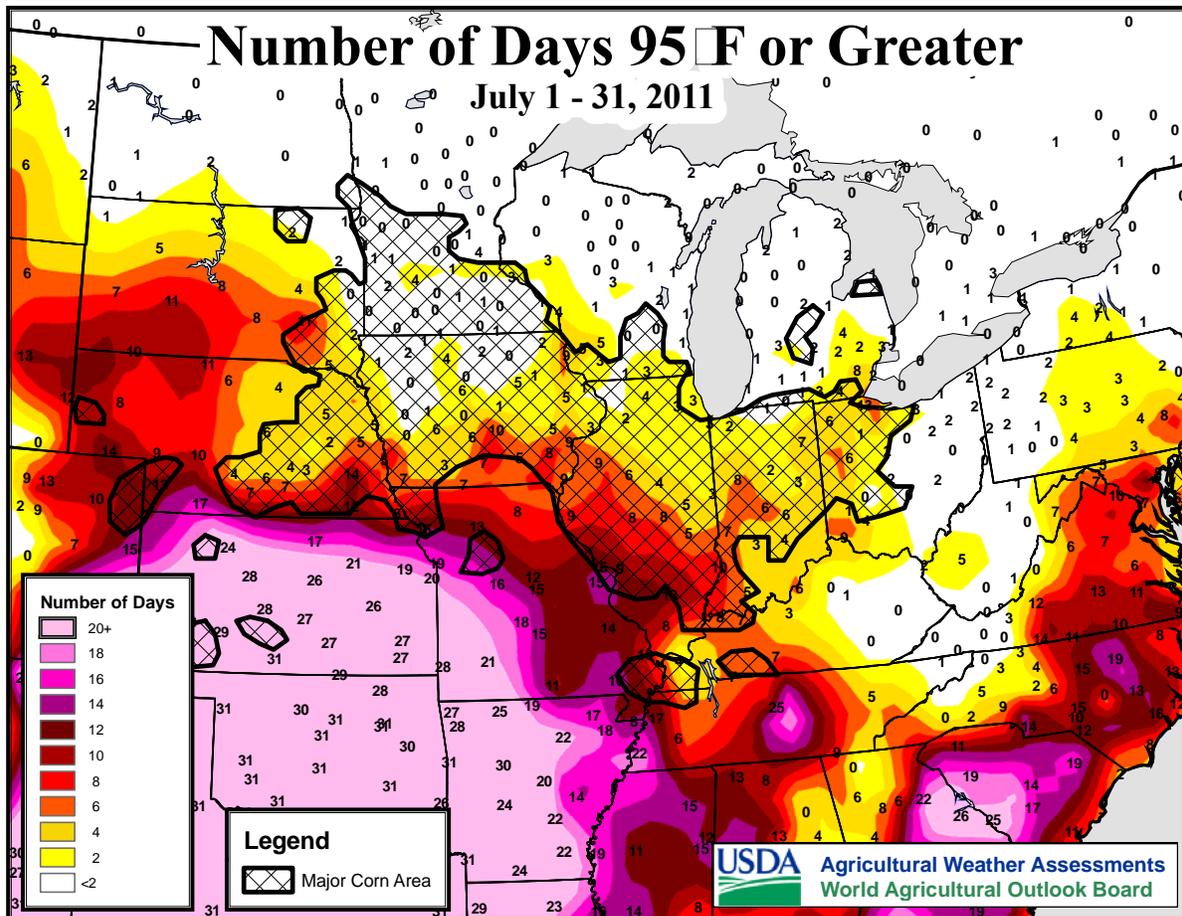
streak of 100-degree readings reached at least 34 days (June 28 - July 31), nearly doubling the former standard of 20 days set from July 15 - August 3, 1998. Elsewhere in **Texas**, **Abilene's** count of 100-degree readings reached 50 days by week's end, toppling its 1947 annual record of 46 days. July 27 was a particularly hot day across the **south-central U.S.**, with daily-record highs soaring to 113°F in **Salina, KS**; 107°F in **Ft. Smith, AR**; and 105°F in **Joplin, MO**. **Salina's** reading came within 5°F of its all-time record established on August 13, 1936. Late in the week, extreme heat returned to the **East**, where daily records for July 29 included 104°F in both **Washington, DC**, and **Raleigh-Durham**. Elsewhere in **North Carolina**, **Wilmington** (101°F on July 30) tied an annual record with its seventh day of triple-digit heat. **Wilmington** originally set its annual record of seven 100-degree readings in 1952. A number of observation sites across the **South** and **East** completed their hottest month on record. **Washington, DC** (84.5°F), broke by 1.4°F a record set in July 1993 and 2010. **Oklahoma City, OK** (89.2°F), smashed its Dust Bowl-era record of 88.7°F set in August 1936. In **Texas**, **Wichita Falls** (92.9°F) edged its July 1980 standard of 91.9°F. For the second consecutive month, **Lubbock, TX**, experienced its hottest month on record (85.9°F in June and 86.0°F in July; previously, 85.4°F in July 1966). Even as far north as **Michigan**, **Detroit** set a record for its hottest month (79.3°F; previously, 79.0°F in July 1921 and 1955). Meanwhile in **Indiana**, **Ft. Wayne** not only set a record for its hottest month, but also experienced a record-high number of 90-degree days (22; previously, 21 days in 1983).

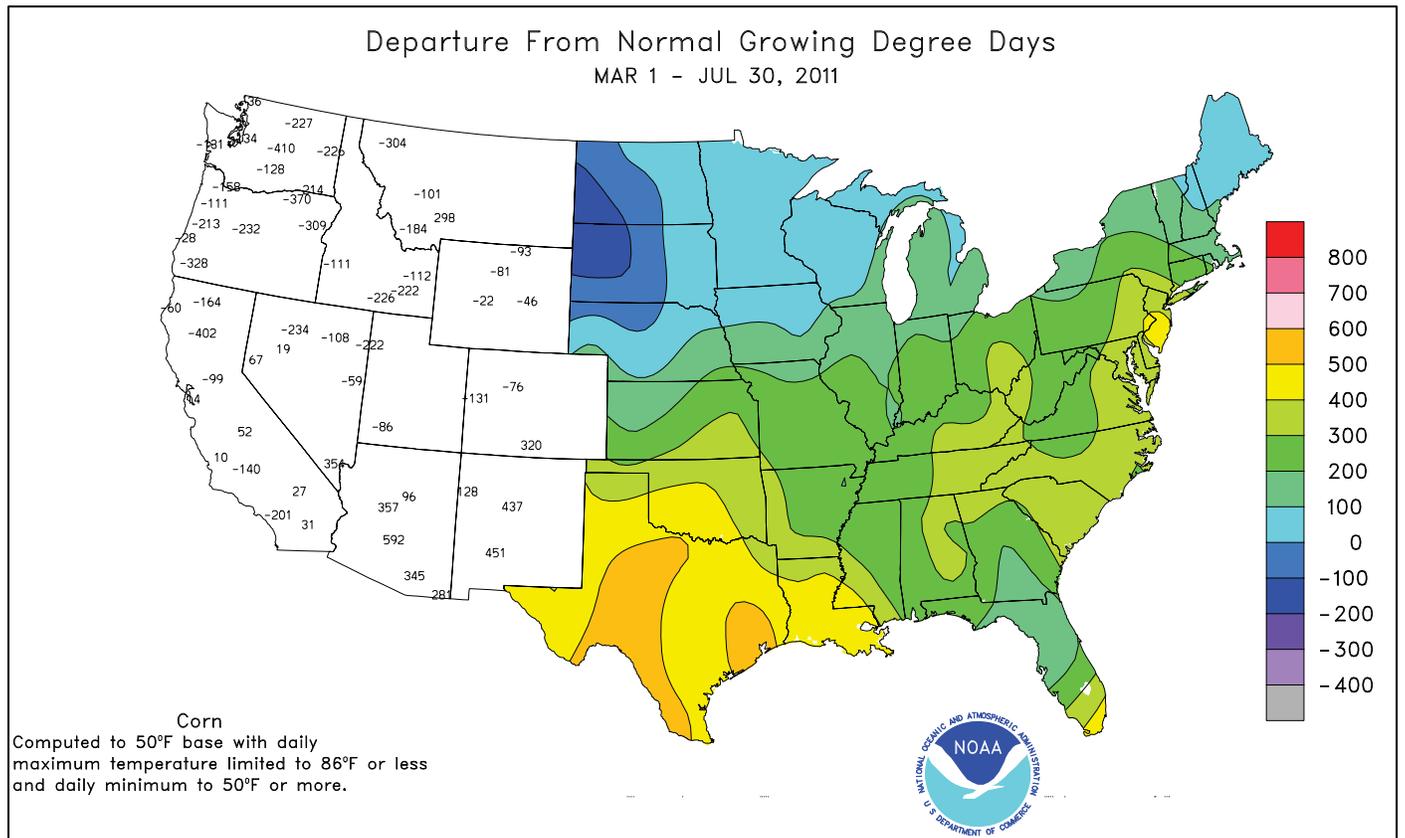
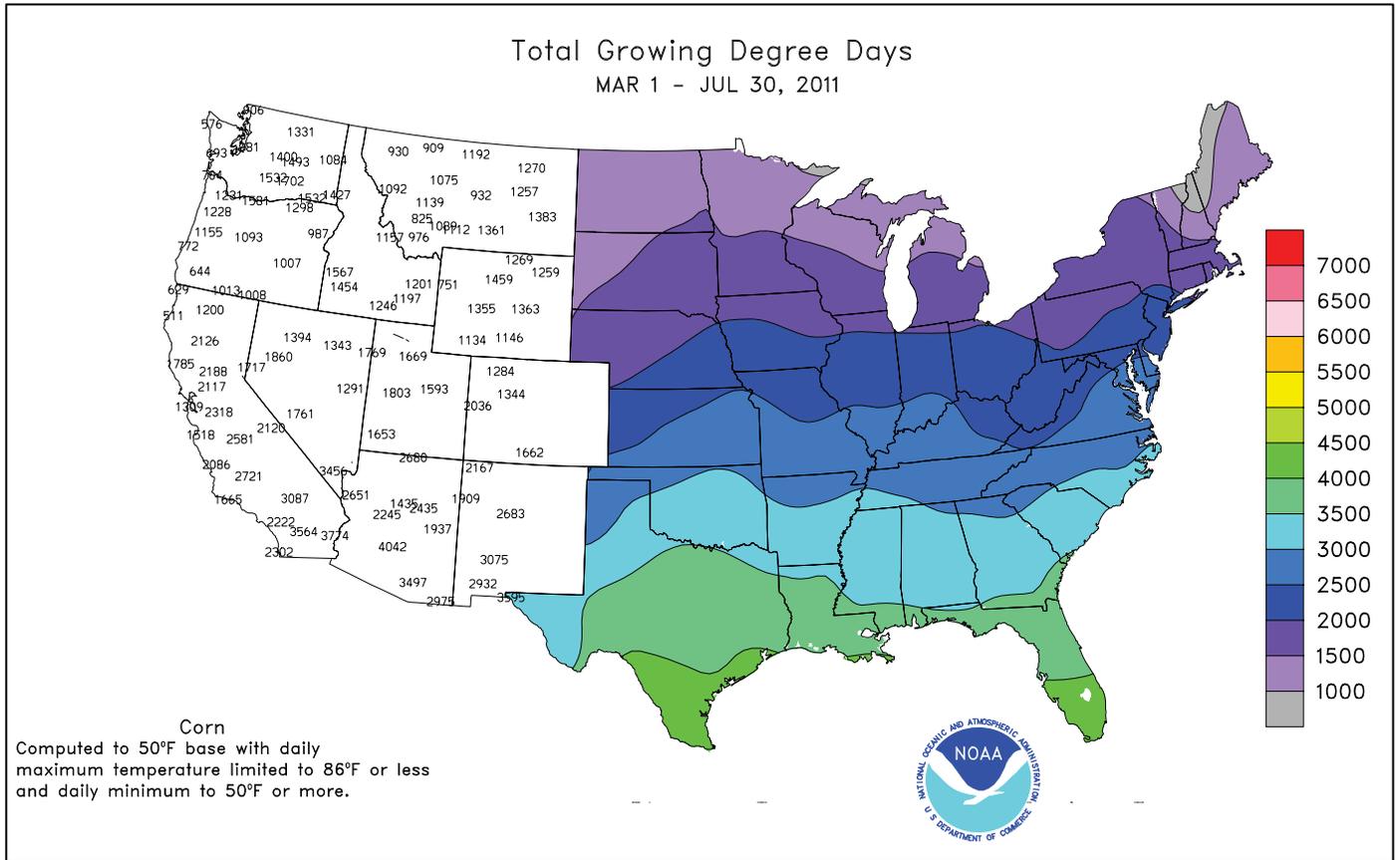
Unsettled, showery weather covered much of **Alaska**, with some heavy precipitation observed across the **southeastern part of the state**. Weekly rainfall totaled 2.33 inches in **Juneau**, boosting its July sum to 3.51 inches (85 percent of normal). Similarly, nearly two-thirds (2.54 of 3.86 inches) of **Yakutat's** monthly rain fell from July 24-30. Farther south, generally light showers dotted **Hawaii**. Some heavier rain fell at times, however, especially across the **western islands**. On **Kauai**, for example, 24-hour rainfall totals on July 29-30 reached 4.58 inches on **Mt. Waialeale** and 2.36 inches in **Wainiha**.

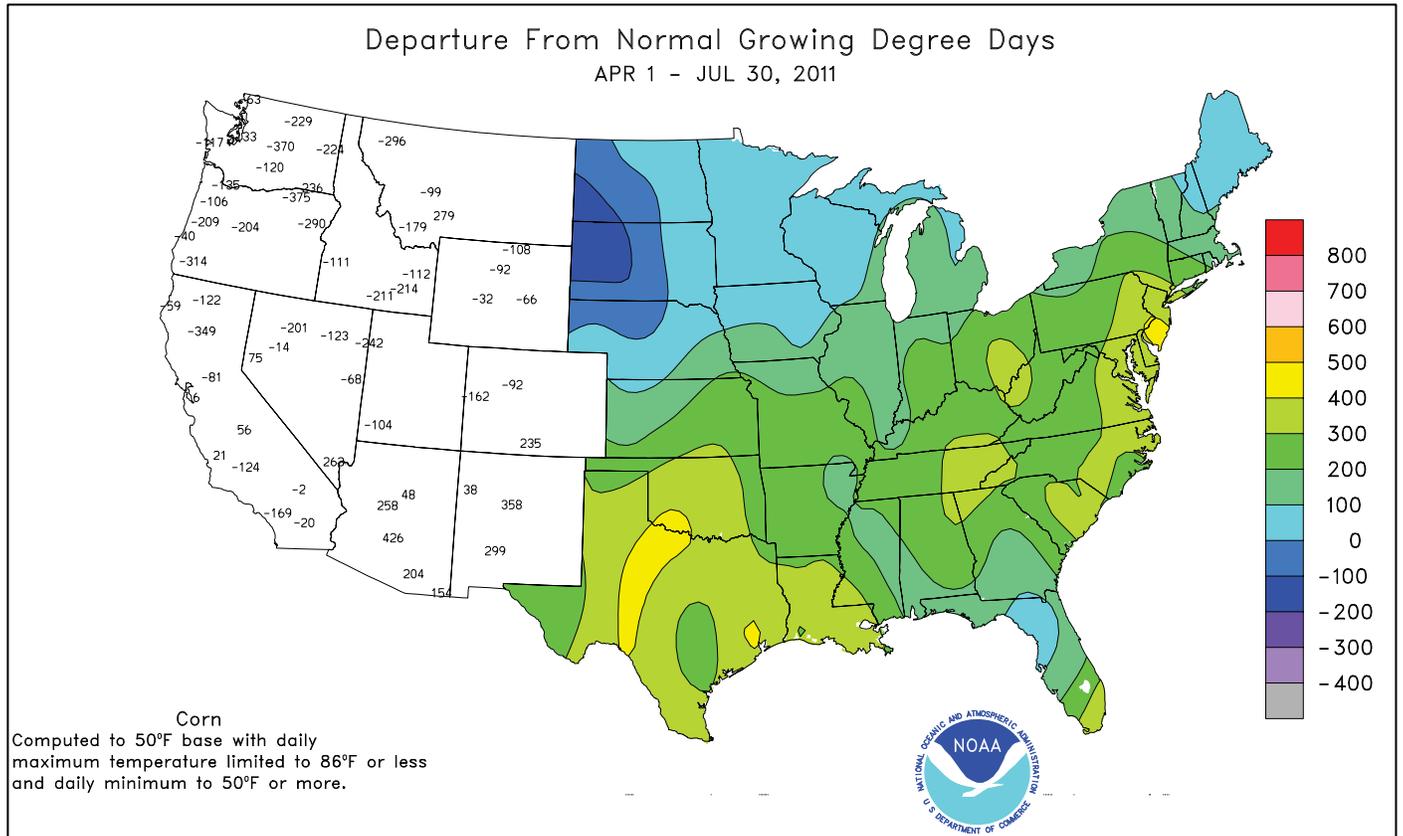
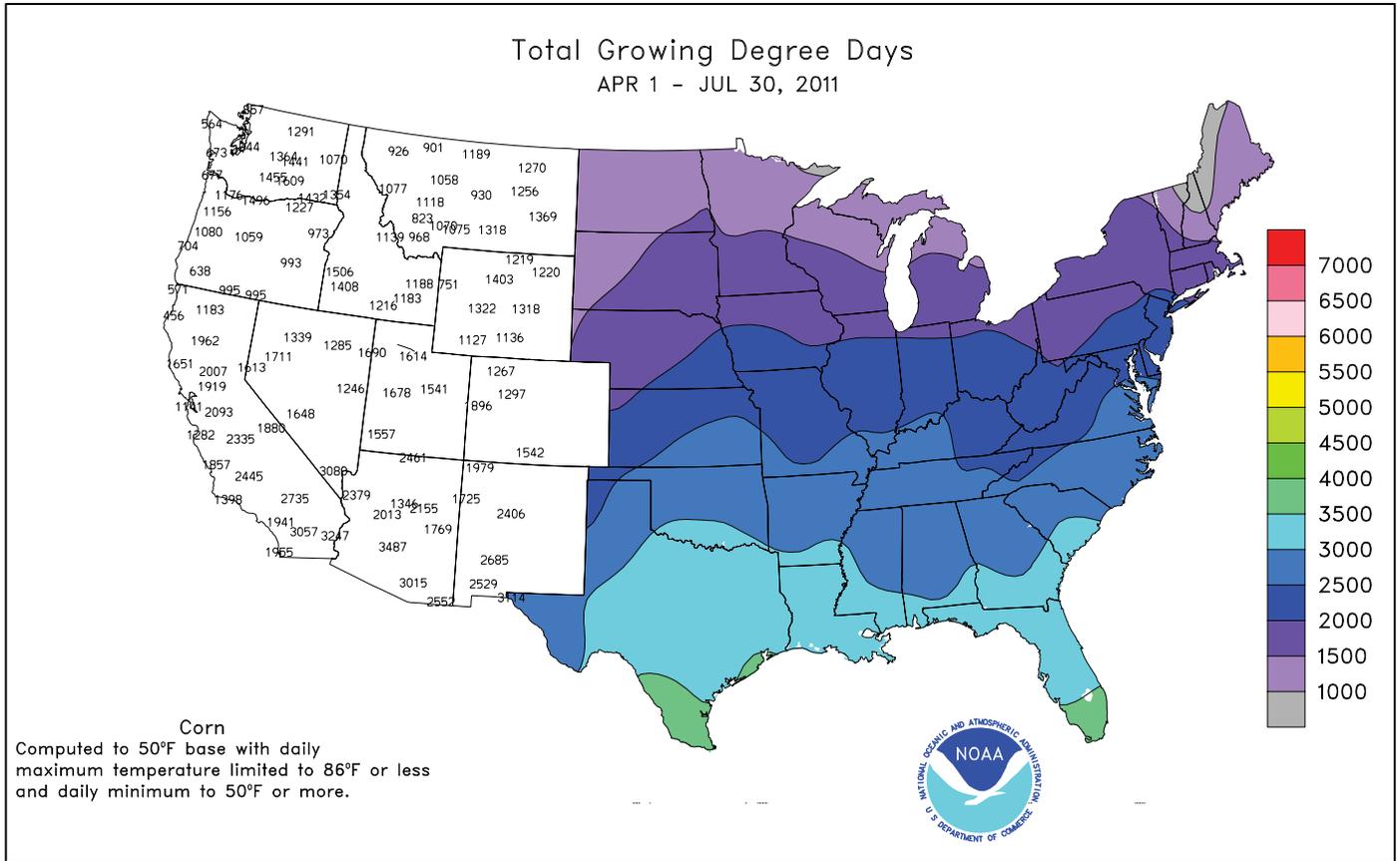
Daily Weather Records (ASOS & COOP) July 24-30, 2011



Number of Days 95°F or Greater July 1 - 31, 2011







National Weather Data for Selected Cities

Weather Data for the Week Ending July 30, 2011

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 JUN 1	PCT. NORMAL SINCE JUN 1	TOTAL, IN, SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	91	74	95	71	83	2	1.66	0.56	1.04	10.81	125	33.72	99	93	54	5	0	2	2
HUNTSVILLE	92	74	96	71	83	3	0.03	-0.90	0.03	7.05	83	36.99	104	90	73	5	0	1	0
MOBILE	90	74	96	72	82	0	3.83	2.33	2.38	10.42	93	22.91	57	94	71	5	0	4	2
AK MONTGOMERY	91	74	95	73	83	1	0.47	-0.62	0.17	8.78	95	29.51	85	95	60	6	0	4	0
ANCHORAGE	65	51	69	48	58	-1	0.42	-0.02	0.23	3.09	121	5.61	96	88	71	0	0	2	0
BARROW	49	39	56	37	44	3	0.42	0.20	0.39	1.64	153	2.85	175	100	83	0	0	3	0
FAIRBANKS	69	53	73	50	61	-1	0.39	0.00	0.19	3.48	116	5.57	111	89	69	0	0	5	0
JUNEAU	58	51	64	45	54	-3	2.33	1.34	0.65	7.66	106	24.49	94	99	89	0	0	6	3
KODIAK	62	50	71	45	56	1	0.65	-0.17	0.36	5.10	54	31.92	79	85	72	0	0	3	0
NOME	57	45	61	40	51	-2	0.73	0.17	0.61	5.10	166	9.03	134	99	82	0	0	2	1
AZ FLAGSTAFF	80	55	88	49	68	1	1.27	0.60	0.87	2.34	92	8.61	72	90	32	0	0	5	1
PHOENIX	105	84	110	75	95	2	0.76	0.50	0.57	1.34	144	2.38	59	49	28	7	0	2	1
PRESCOTT	91	67	94	63	79	5	0.20	-0.60	0.16	2.43	83	6.26	65	71	24	5	0	3	0
TUCSON	98	76	102	71	87	1	0.05	-0.52	0.03	2.21	108	2.76	53	60	36	7	0	3	0
AR FORT SMITH	104	79	107	78	92	9	0.21	-0.41	0.21	0.66	9	26.61	104	74	27	7	0	1	0
LITTLE ROCK	97	76	100	74	86	3	0.16	-0.50	0.15	1.39	19	28.85	98	91	47	7	0	2	0
CA BAKERSFIELD	99	70	101	67	85	1	0.00	0.00	0.00	0.08	67	3.07	67	51	31	7	0	0	0
FRESNO	99	68	100	65	83	1	0.00	0.00	0.00	1.91	830	9.36	119	59	35	7	0	0	0
LOS ANGELES	73	64	76	60	69	-1	0.00	0.00	0.00	0.02	25	6.86	73	83	71	0	0	0	0
REDDING	99	65	106	59	82	0	0.00	0.00	0.00	2.06	299	20.34	93	68	31	7	0	0	0
SACRAMENTO	91	58	97	56	75	-1	0.00	0.00	0.00	1.50	750	14.60	122	85	26	4	0	0	0
SAN DIEGO	73	66	77	64	70	-2	0.00	0.00	0.00	0.03	33	4.50	59	79	72	0	0	0	0
SAN FRANCISCO	71	56	73	55	63	0	0.00	0.00	0.00	1.49	1355	13.72	103	86	70	0	0	0	0
STOCKTON	92	59	98	55	75	-3	0.00	0.00	0.00	1.19	1322	8.47	94	77	46	4	0	0	0
CO ALAMOSA	86	48	90	44	67	3	0.02	-0.22	0.01	0.15	11	0.93	26	86	49	1	0	2	0
CO SPRINGS	87	61	91	57	74	4	0.61	-0.13	0.38	4.35	88	6.51	61	83	28	2	0	5	0
DENVER INTL	92	62	95	58	77	4	0.05	-0.50	0.05	5.55	148	12.79	144	66	20	7	0	1	0
GRAND JUNCTION	93	62	100	60	77	0	0.22	0.05	0.22	2.19	231	5.66	116	59	32	5	0	1	0
PUEBLO	95	63	100	60	79	3	0.60	0.07	0.36	3.17	100	5.60	75	80	41	7	0	3	0
CT BRIDGEPORT	84	70	91	66	77	2	1.01	0.16	0.80	8.54	119	31.50	121	80	59	1	0	3	1
HARTFORD	83	66	89	61	74	0	0.94	0.11	0.46	8.47	115	32.85	125	82	56	0	0	4	0
DC WASHINGTON	96	79	104	76	88	9	0.20	-0.63	0.20	4.72	72	18.39	81	75	37	7	0	1	0
DE WILMINGTON	91	72	98	67	82	5	0.88	-0.06	0.63	6.22	81	24.33	96	96	45	4	0	2	1
FL DAYTONA BEACH	91	75	94	74	83	1	0.05	-1.03	0.04	14.33	134	26.56	101	95	58	6	0	2	0
JACKSONVILLE	93	73	96	71	83	1	1.95	0.67	1.20	10.80	97	26.25	92	95	54	7	0	4	1
KEY WEST	91	83	93	80	87	2	0.13	-0.61	0.09	2.54	33	6.39	34	76	62	7	0	4	0
MIAMI	92	81	93	77	86	2	0.76	-0.46	0.43	17.93	127	29.35	99	80	57	7	0	3	0
ORLANDO	92	75	95	74	84	2	0.21	-1.23	0.20	15.84	110	29.99	104	94	61	6	0	2	0
PENSACOLA	89	76	94	74	83	0	1.89	0.12	1.60	11.22	80	28.54	74	92	69	5	0	4	1
TALLAHASSEE	93	74	99	72	83	1	0.60	-1.20	0.39	8.88	61	21.73	55	92	71	6	0	3	0
TAMPA	92	78	93	76	85	2	0.49	-0.98	0.35	12.19	104	32.21	134	81	57	6	0	4	0
GA WEST PALM BEACH	94	83	95	81	89	6	0.02	-1.14	0.02	8.96	66	14.58	45	76	56	7	0	1	0
ATHENS	97	73	99	70	85	5	0.27	-0.71	0.27	3.89	48	21.67	74	87	61	7	0	1	0
ATLANTA	93	74	96	73	83	3	0.64	-0.47	0.38	4.87	57	26.80	86	88	58	7	0	4	0
AUGUSTA	98	75	103	73	86	5	0.45	-0.46	0.21	5.72	71	22.01	81	89	52	7	0	5	0
COLUMBUS	93	75	98	72	84	2	0.15	-0.98	0.14	6.63	80	22.06	72	93	50	6	0	2	0
MACON	94	73	98	71	84	3	0.86	-0.09	0.59	6.92	90	20.39	72	97	52	7	0	4	1
SAVANNAH	94	75	99	71	85	3	1.44	0.03	0.89	9.95	89	22.25	78	85	63	6	0	2	2
HI HILO	83	68	84	66	75	-1	0.66	-1.75	0.43	11.28	64	42.39	60	85	71	0	0	5	0
HONOLULU	87	74	89	72	81	0	0.45	0.34	0.21	1.94	231	13.85	143	81	69	0	0	3	0
KAHULUI	87	68	91	65	77	-2	0.33	0.22	0.18	0.91	147	10.18	89	83	69	1	0	2	0
LIHUE	85	75	86	74	80	1	0.63	0.14	0.28	3.49	92	32.09	152	79	72	0	0	4	0
ID BOISE	95	61	103	56	78	2	0.00	-0.05	0.00	0.51	47	7.96	105	44	23	5	0	0	0
LEWISTON	90	58	99	54	74	-1	0.00	-0.14	0.00	0.78	43	10.72	136	61	36	4	0	0	0
POCATELLO	90	53	96	46	71	0	0.00	-0.14	0.00	0.70	47	8.32	108	59	36	3	0	0	0
IL CHICAGO/O'HARE	87	71	91	67	79	5	2.29	1.47	0.73	14.54	210	33.77	169	88	67	2	0	4	3
MOLINE	89	73	92	71	81	5	1.96	1.07	1.73	6.47	76	21.39	95	91	64	2	0	2	1
PEORIA	89	73	95	71	81	6	1.21	0.36	0.65	7.70	100	26.49	123	91	63	4	0	2	2
ROCKFORD	88	69	91	64	79	6	2.94	2.09	1.26	7.94	91	21.48	100	90	66	2	0	3	3
SPRINGFIELD	92	73	95	69	83	7	0.59	-0.18	0.35	7.44	104	21.61	102	92	58	6	0	2	0
IN EVANSVILLE	94	74	96	71	84	5	0.08	-0.71	0.08	13.18	171	44.36	161	89	61	7	0	1	0
FORT WAYNE	91	69	95	64	80	7	0.03	-0.74	0.03	4.23	56	27.74	128	89	48	5	0	1	0
INDIANAPOLIS	94	73	97	69	84	9	0.36	-0.62	0.22	6.23	75	30.35	123	89	49	7	0	3	0
SOUTH BEND	87	68	90	63	78	5	0.82	0.05	0.74	7.45	96	30.23	137	93	69	1	0	5	1
IA BURLINGTON	89	75	94	73	82	5	0.86	-0.09	0.80	12.70	145	24.92	110	94	60	4	0	4	1
CEDAR RAPIDS	87	70	90	67	78	3	1.33	0.45	1.10	8.73	104	19.87	100	96	60	2	0	5	1
DES MOINES	91	75	97	71	83	6	0.00	-0.93	0.00	11.77	138	26.80	129	86	66	5	0	0	0
DUBUQUE	85	68	87	63	77	4	11.19	10.34	7.31	18.50	243	31.68	155	95	69	0	0	3	2
SIOUX CITY	91	71	93	68	81	6	0.05	-0.66	0.05	5.81	86	20.23	123	89	63	6	0	1	0
WATERLOO	87	68	90	58	78	4	0.55	-0.33	0.41	6.68	75	18.68	92	97	75	1	0	2	0
KS CONCORDIA	93	71	102	66	82	2	0.27	-0.66	0.25	8.93	112	20.94	114	87	60	6	0	2	0
DODGE CITY	101	71	109	66	86	6	0.40	-0.30	0.26	0.95	15	3.97	27	81	27	7	0	4	0
GOODLAND	93	66	100	63	80	4	0.38	-0.42	0.19	5.38	81	12.69	93	90	68	6	0	3	0
TOPEKA	99	75	106	69	87	8	0.37	-0.43	0.27	3.57	42	17.94	84	85	54	7	0	3	0

Based on 1971-2000 normals

*** Not Available

Weather Data for the Week Ending July 30, 2011

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE JUN 1	PCT. NORMAL SINCE JUN 1	TOTAL IN., SINCE 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	104	78	111	72	91	9	1.12	0.44	1.10	6.03	81	12.63	67	71	41	7	0	2	1
KY JACKSON	89	71	92	70	80	5	0.39	-0.61	0.22	11.51	127	39.82	134	95	58	4	0	3	0
LEXINGTON	92	72	94	70	82	6	0.70	-0.35	0.42	7.78	85	39.88	139	92	59	6	0	3	0
LOUISVILLE	94	77	98	74	86	7	0.00	-0.96	0.00	9.49	121	43.61	158	83	48	7	0	0	0
PADUCAH	92	73	95	71	83	5	2.14	1.27	2.09	10.58	119	48.76	161	94	56	6	0	2	1
LA BATON ROUGE	89	75	92	74	82	0	0.69	-0.63	0.32	10.47	95	26.15	68	100	70	3	0	4	0
LAKE CHARLES	89	76	93	75	83	0	2.36	1.33	0.71	8.94	81	23.45	71	95	71	1	1	4	3
NEW ORLEANS	89	76	92	74	82	-1	8.80	7.57	3.52	17.69	137	35.04	90	89	72	4	0	5	4
SHREVEPORT	99	77	103	75	88	4	0.86	0.10	0.57	3.47	39	17.81	56	88	43	7	0	3	1
ME CARIBOU	75	55	79	51	65	-1	1.47	0.55	1.19	16.99	244	33.31	163	93	58	0	0	3	1
ME PORTLAND	79	61	85	59	70	1	3.44	2.72	2.78	8.09	126	30.09	116	96	57	0	0	4	1
MD BALTIMORE	95	73	101	68	84	7	0.64	-0.23	0.64	6.28	89	22.55	92	82	48	7	0	1	1
MA BOSTON	80	67	89	63	74	-1	0.32	-0.34	0.15	6.80	111	25.30	105	84	57	0	0	4	0
MA WORCESTER	79	62	84	58	70	-1	0.75	-0.19	0.35	9.11	114	31.89	115	97	56	0	0	3	0
MI ALPENA	81	60	89	53	70	3	0.59	-0.17	0.32	6.69	122	20.44	131	94	51	0	0	2	0
MI GRAND RAPIDS	86	67	90	59	76	4	5.56	4.83	3.90	10.76	151	30.77	153	91	50	1	0	3	2
MI HOUGHTON LAKE	83	60	90	48	72	5	1.68	1.05	1.65	5.53	101	19.21	126	93	63	1	0	2	1
MI LANSING	86	65	89	57	76	5	3.81	3.29	2.16	6.61	106	24.80	143	90	62	0	0	3	2
MI MUSKOGON	83	66	87	58	74	3	2.60	2.05	1.91	7.06	150	23.72	142	87	66	0	0	3	2
MI TRAVERSE CITY	84	63	93	54	74	4	0.05	-0.58	0.04	3.38	53	16.42	91	90	48	2	0	2	0
MN DULUTH	79	57	85	51	68	2	0.74	-0.13	0.64	8.27	99	16.57	97	86	62	0	0	3	1
MN INT'L FALLS	80	52	86	43	66	-1	0.39	-0.28	0.38	6.22	86	13.68	100	94	52	0	0	2	0
MN MINNEAPOLIS	88	69	90	63	78	4	0.45	-0.43	0.44	10.53	128	21.55	123	82	55	1	0	2	0
MN ROCHESTER	83	64	85	56	73	3	0.50	-0.52	0.28	9.45	113	22.53	122	94	74	0	0	3	0
MN ST. CLOUD	86	62	90	58	74	4	0.38	-0.31	0.27	8.50	110	20.03	128	97	47	1	0	2	0
MS JACKSON	92	74	95	73	83	1	0.63	-0.40	0.36	4.78	58	24.79	71	96	60	6	0	4	0
MS MERIDIAN	90	72	93	70	81	-1	4.73	3.57	2.61	13.76	149	35.75	94	98	74	4	0	5	2
MS TUPELO	95	74	99	73	84	3	0.31	-0.40	0.28	6.53	78	30.64	87	92	67	7	0	4	0
MO COLUMBIA	94	74	100	72	84	6	0.06	-0.77	0.06	7.97	104	24.80	104	92	54	6	0	1	0
MO KANSAS CITY	95	74	102	69	85	6	0.07	-0.86	0.05	7.11	81	20.82	93	85	48	7	0	3	0
MO SAINT LOUIS	96	78	101	74	87	6	0.17	-0.64	0.17	11.63	154	33.10	142	78	60	6	0	1	0
MO SPRINGFIELD	98	74	101	73	86	7	0.29	-0.32	0.28	2.56	30	24.31	95	86	50	7	0	2	0
MT BILLINGS	91	60	98	57	75	2	0.01	-0.22	0.01	2.39	77	15.39	156	59	24	5	0	1	0
MT BUTTE	83	43	90	39	63	-1	0.01	-0.29	0.01	4.63	133	9.43	113	74	16	1	0	1	0
MT CUT BANK	80	47	89	42	63	-1	0.07	-0.23	0.06	2.00	50	4.05	49	82	26	0	0	2	0
MT GLASGOW	85	57	93	52	71	-1	1.48	1.14	1.43	9.39	240	19.78	265	84	54	2	0	3	1
MT GREAT FALLS	87	49	95	43	68	0	0.01	-0.30	0.01	3.42	95	13.02	134	74	17	4	0	1	0
MT HAVRE	87	51	94	45	69	-1	0.01	-0.29	0.01	4.01	120	10.68	141	84	53	3	0	1	0
MT MISSOULA	86	49	92	43	68	0	0.00	-0.22	0.00	3.31	120	10.28	120	71	36	3	0	0	0
NE GRAND ISLAND	88	70	92	66	79	3	0.31	-0.38	0.25	6.09	90	20.51	123	95	65	2	0	3	0
NE LINCOLN	92	71	98	66	81	3	0.16	-0.64	0.10	4.99	73	16.79	96	93	59	5	0	4	0
NE NORFOLK	91	71	94	68	81	6	0.12	-0.64	0.12	4.63	59	16.27	92	93	69	6	0	1	0
NE NORTH PLATTE	91	67	96	64	79	4	0.65	-0.03	0.52	7.69	124	18.19	133	96	52	4	0	3	1
NE OMAHA	91	74	95	71	83	6	1.22	0.40	1.18	7.64	100	18.46	99	89	65	5	0	2	1
NE SCOTTSBLUFF	94	64	100	59	79	5	0.08	-0.31	0.08	5.67	120	16.41	143	89	57	5	0	1	0
NE VALENTINE	93	64	99	60	79	4	1.09	0.37	0.63	6.64	106	15.43	116	91	65	6	0	3	1
NV ELY	88	51	93	46	70	1	0.24	0.09	0.12	1.11	97	8.27	141	68	47	3	0	3	0
NV LAS VEGAS	104	86	108	82	95	3	0.00	-0.11	0.00	0.77	183	1.03	38	30	20	7	0	0	0
NV RENO	95	60	100	54	78	6	0.00	-0.03	0.00	1.35	208	4.59	100	45	19	7	0	0	0
NV WINNEMUCCA	96	52	100	43	74	1	0.02	-0.01	0.01	0.81	90	7.90	154	37	16	6	0	2	0
NH CONCORD	81	57	85	52	69	-2	0.73	-0.01	0.52	5.14	82	25.45	121	96	50	0	0	3	1
NJ NEWARK	90	74	95	71	82	4	0.86	-0.21	0.47	4.56	58	28.93	106	72	46	4	0	3	0
NM ALBUQUERQUE	93	68	97	65	81	3	0.11	-0.23	0.07	0.39	22	0.58	13	64	23	7	0	2	0
NY ALBANY	83	65	87	60	74	2	1.69	0.94	0.90	7.71	109	27.46	126	86	54	0	0	3	2
NY BINGHAMTON	81	63	85	59	72	3	0.38	-0.33	0.15	5.62	78	32.19	145	87	60	0	0	3	0
NY BUFFALO	83	67	85	62	75	4	1.08	0.42	0.59	5.84	85	29.27	134	87	50	0	0	4	1
NY ROCHESTER	82	64	86	60	73	2	1.20	0.58	1.13	3.15	51	20.83	112	84	57	0	0	4	1
NY SYRACUSE	83	66	87	63	75	4	1.27	0.44	0.92	6.60	87	25.97	117	84	53	0	0	3	1
NC ASHEVILLE	89	68	92	65	79	6	0.68	-0.18	0.55	7.04	87	26.35	93	92	64	4	0	2	1
NC CHARLOTTE	98	72	101	69	85	5	1.65	0.80	1.65	6.62	95	23.99	94	89	40	7	0	1	1
NC GREENSBORO	94	73	98	72	84	6	0.52	-0.45	0.38	6.21	80	20.80	81	86	44	7	0	3	0
NC HATTERAS	88	77	94	74	82	3	3.32	2.06	2.50	7.33	87	24.26	80	91	69	2	0	3	2
NC RALEIGH	99	75	104	73	87	8	2.17	1.21	2.10	5.49	73	19.35	76	84	55	7	0	2	1
NC WILMINGTON	94	75	101	73	84	3	1.99	0.25	1.47	4.81	38	17.34	54	96	51	4	0	4	1
ND BISMARCK	84	58	87	54	71	-1	1.15	0.60	0.63	7.62	151	15.54	147	97	69	0	0	3	1
ND DICKINSON	82	56	87	51	69	-2	0.16	-0.18	0.14	5.77	106	15.19	138	97	48	0	0	2	0
ND FARGO	85	63	88	58	74	3	0.25	-0.33	0.14	8.76	139	17.90	140	85	51	0	0	2	0
ND GRAND FORKS	84	59	90	54	72	2	0.25	-0.41	0.17	6.00	101	12.50	108	93	46	1	0	2	0
ND JAMESTOWN	82	63	85	58	72	0	0.84	0.17	0.63	9.60	156	16.43	140	95	55	0	0	3	1
ND WILLISTON	84	56	88	50	70	-1	0.23	-0.22	0.12	2.96	65	14.06	153	91	47	0	0	2	0
OH AKRON-CANTON	87	68	90	61	78	6	0.03	-0.86	0.03	7.34	99	30.05	133	87	60	1	0	1	0
OH CINCINNATI	94	72	97	68	83	6	0.93	0.10	0.74	11.11	138	43.26	165	87	56	7	0	2	1
OH CLEVELAND	86	69	91	63	78	6	0.72	0.00	0.50	10.39	143	35.74	163	91	55	1	0	3	1
OH COLUMBUS	93	72	94	68	82	7	2.49	1.49	1.67	8.16	96	31.50	136	89	55	3	0	2	2
OH DAYTON	93	72	97	67	82	8	0.95	0.15	0.76	4.78	61	29.71	123	90	48	5	0	3	1
OH MANSFIELD	87	68	91	63	78	7	0.77	-0.16	0.76	7.23	85	32.86	130	97	55	1	0	2	1

Weather Data for the Week Ending July 30, 2011

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE JUN 1	PCT. NORMAL SINCE JUN 1	TOTAL IN., SINCE JAN 01	PCT. NORMAL SINCE JAN 01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP.	
																		01 INCH OR MORE	50 INCH OR MORE	01 INCH OR MORE	50 INCH OR MORE
OK TOLEDO	88	69	92	62	79	6	0.74	0.19	0.67	3.85	59	25.57	132	88	52	3	0	3	1		
OK YOUNGSTOWN	86	63	88	55	75	5	1.15	0.32	0.69	4.98	63	32.51	147	93	55	0	0	4	1		
OK OKLAHOMA CITY	103	77	107	75	90	7	0.12	-0.44	0.12	4.29	57	16.70	77	72	31	7	0	1	0		
OR TULSA	104	80	107	74	92	8	0.00	-0.56	0.00	1.84	24	14.97	60	65	36	7	0	0	0		
OR ASTORIA	67	55	73	50	61	0	0.03	-0.12	0.02	3.18	85	46.71	127	94	78	0	0	2	0		
OR BURNS	88	46	95	39	67	0	0.00	-0.08	0.00	1.17	116	8.15	127	67	33	3	0	0	0		
OR EUGENE	83	53	90	51	68	1	0.00	-0.08	0.00	2.08	97	21.69	77	86	54	1	0	0	0		
OR MEDFORD	91	58	97	53	75	1	0.00	-0.06	0.00	1.29	136	12.82	130	73	30	4	0	0	0		
OR PENDLETON	87	54	94	49	71	-3	0.00	-0.08	0.00	1.71	149	9.81	132	66	35	3	0	0	0		
OR PORTLAND	80	58	87	56	69	0	0.01	-0.10	0.01	1.72	75	25.13	124	79	60	0	0	1	0		
PA SALEM	83	56	90	53	69	1	0.00	-0.06	0.00	1.61	80	23.89	109	83	56	1	0	0	0		
PA ALLENTOWN	88	69	91	64	78	4	2.53	1.57	2.21	8.68	108	31.66	123	88	56	3	0	3	1		
PA ERIE	83	68	85	58	75	2	0.26	-0.40	0.22	3.31	44	30.58	138	84	62	0	0	2	0		
PA MIDDLETOWN	90	71	96	66	81	5	0.71	-0.05	0.60	6.63	91	32.42	136	89	47	4	0	3	1		
PA PHILADELPHIA	92	74	98	72	83	5	0.61	-0.38	0.32	5.27	71	22.80	92	80	45	4	0	3	0		
PA PITTSBURGH	88	68	92	62	78	5	0.62	-0.20	0.61	4.24	53	26.30	114	88	48	2	0	2	1		
PA WILKES-BARRE	84	65	89	58	75	2	0.55	-0.18	0.32	8.09	106	29.45	135	93	55	0	0	4	0		
PA WILLIAMSPORT	88	68	93	60	78	5	1.83	1.04	0.93	7.00	83	36.19	148	86	60	4	0	5	1		
RI PROVIDENCE	82	67	89	64	74	0	0.18	-0.53	0.08	7.47	117	26.89	102	84	57	0	0	3	0		
SC BEAUFORT	93	75	99	71	84	2	0.40	-0.90	0.34	8.00	72	18.49	66	88	52	5	0	3	0		
SC CHARLESTON	93	76	97	69	85	3	2.08	0.73	1.37	11.23	95	21.42	73	91	59	5	0	4	1		
SC COLUMBIA	97	76	103	74	86	4	1.51	0.27	0.74	7.85	76	23.26	79	87	62	6	0	3	2		
SC GREENVILLE	95	73	98	71	84	5	2.01	0.94	2.01	7.53	91	27.59	91	91	43	7	0	1	1		
SD ABERDEEN	87	65	93	62	76	3	0.45	-0.14	0.22	11.32	179	20.62	157	93	69	1	0	3	0		
SD HURON	89	67	92	61	78	4	2.30	1.73	2.28	7.47	123	17.84	127	95	55	3	0	2	1		
SD RAPID CITY	92	61	97	58	76	3	0.19	-0.22	0.19	4.50	94	14.54	127	91	38	5	0	1	0		
SD SIOUX FALLS	86	66	91	61	76	2	2.58	1.95	2.52	10.08	160	21.45	141	92	70	1	0	3	1		
TN BRISTOL	91	69	94	65	80	6	0.42	-0.47	0.39	6.79	85	30.08	114	93	47	6	0	2	0		
TN CHATTANOOGA	94	74	98	72	84	4	0.78	-0.21	0.50	7.82	91	36.56	109	88	65	7	0	2	1		
TN KNOXVILLE	94	73	97	71	84	6	0.06	-0.93	0.03	5.48	64	30.09	97	91	46	7	0	2	0		
TN MEMPHIS	95	78	98	76	86	3	1.07	0.23	0.58	6.50	77	35.17	105	85	53	7	0	3	1		
TN NASHVILLE	94	75	99	73	84	4	0.92	0.12	0.92	8.50	110	32.83	112	87	48	6	0	1	1		
TX ABILENE	103	79	105	77	91	7	0.00	-0.35	0.00	0.93	20	6.49	51	54	32	7	0	0	0		
TX AMARILLO	100	72	103	68	86	8	0.09	-0.50	0.06	1.49	26	2.17	18	59	23	7	0	2	0		
TX AUSTIN	101	74	103	73	88	3	0.05	-0.37	0.05	1.45	25	8.01	42	80	40	7	0	1	0		
TX BEAUMONT	93	77	96	73	85	2	2.36	1.34	1.02	13.03	111	19.44	57	96	59	6	0	6	2		
TX BROWNSVILLE	94	77	95	76	86	2	0.63	0.33	0.63	9.59	205	12.23	97	93	56	6	0	1	1		
TX CORPUS CHRISTI	97	76	99	74	87	3	0.02	-0.39	0.02	1.13	21	7.52	47	94	64	7	0	1	0		
TX DEL RIO	100	79	102	77	89	3	0.02	-0.37	0.02	0.94	22	2.29	21	71	47	7	0	1	0		
TX EL PASO	96	71	99	68	83	0	1.68	1.33	1.10	2.64	119	2.75	70	72	28	6	0	4	2		
TX FORT WORTH	103	83	106	79	93	7	0.00	-0.49	0.00	2.93	56	15.93	76	63	31	7	0	0	0		
TX GALVESTON	92	83	93	80	88	3	0.10	-0.59	0.08	2.05	28	9.78	42	79	58	7	0	2	0		
TX HOUSTON	97	79	100	77	88	4	0.76	0.14	0.60	3.19	38	10.15	37	88	51	7	0	2	1		
TX LUBBOCK	100	74	102	71	87	7	0.02	-0.39	0.02	0.06	1	1.16	11	50	30	7	0	1	0		
TX MIDLAND	101	76	103	74	88	6	0.00	-0.41	0.00	0.00	0	0.16	2	52	29	7	0	0	0		
TX SAN ANGELO	103	79	106	75	91	8	0.00	-0.22	0.00	0.46	13	2.94	26	63	31	7	0	0	0		
TX SAN ANTONIO	100	77	101	76	88	3	0.02	-0.37	0.02	2.54	40	6.57	35	85	32	7	0	1	0		
TX VICTORIA	100	77	101	76	89	4	0.43	-0.09	0.43	1.47	19	7.60	34	94	68	7	0	1	0		
TX WACO	104	81	105	78	92	6	0.00	-0.46	0.00	1.35	26	11.03	57	69	36	7	0	0	0		
TX WICHITA FALLS	107	82	109	78	94	9	0.00	-0.28	0.00	0.02	0	3.36	20	53	26	7	0	0	0		
UT SALT LAKE CITY	91	67	96	64	79	1	0.00	-0.17	0.00	1.48	106	14.92	147	56	27	5	0	0	0		
VT BURLINGTON	80	59	85	57	70	-1	0.32	-0.56	0.13	7.17	100	31.65	161	96	54	0	0	4	0		
VA LYNCHBURG	95	68	98	66	82	7	0.02	-0.92	0.02	6.17	77	20.96	80	92	44	7	0	1	0		
VA NORFOLK	93	76	98	74	84	5	4.72	3.51	2.37	14.17	164	26.17	96	90	53	5	0	2	2		
VA RICHMOND	97	75	103	73	86	8	0.41	-0.68	0.41	6.63	83	22.45	87	84	47	7	0	1	0		
VA ROANOKE	95	72	99	66	83	6	0.91	0.02	0.56	7.27	97	23.64	93	80	45	7	0	2	1		
WA WASH/DULLES	95	73	103	68	84	8	0.37	-0.40	0.37	3.98	53	21.62	89	77	56	7	0	1	0		
WA OLYMPIA	77	51	88	45	64	0	0.00	-0.11	0.00	2.09	80	31.09	113	91	65	0	0	0	0		
WA QUILLAYUTE	68	52	76	46	60	1	0.02	-0.48	0.01	3.98	69	63.37	114	96	76	0	0	2	0		
WA SEATTLE-TACOMA	76	57	83	54	66	0	0.13	0.02	0.13	2.13	95	24.12	123	79	64	0	0	1	0		
WA SPOKANE	83	55	91	51	69	-1	0.01	-0.13	0.01	1.14	61	11.61	121	71	27	2	0	1	0		
WA YAKIMA	89	53	96	49	71	1	0.29	0.26	0.29	0.68	84	5.56	123	76	38	4	0	1	0		
WV BECKLEY	86	66	89	63	76	5	0.60	-0.45	0.55	5.64	66	24.29	93	93	56	0	0	2	1		
WV CHARLESTON	92	71	96	68	82	8	0.12	-0.97	0.12	6.47	74	28.93	109	92	47	6	0	1	0		
WV ELKINS	86	64	89	59	75	5	0.22	-0.84	0.14	9.38	101	30.25	108	99	54	0	0	2	0		
WV HUNTINGTON	91	71	94	69	81	5	3.02	2.00	2.81	10.50	130	39.43	152	98	55	6	0	7	1		
WI EAU CLAIRE	83	62	87	57	72	0	2.23	1.36	1.06	14.69	183	25.19	138	99	57	0	0	6	2		
WI GREEN BAY	83	64	88	60	74	4	2.89	2.15	2.25	9.91	148	24.62	151	94	61	0	0	3	1		
WI LA CROSSE	85	66	90	59	76	2	1.20	0.29	1.15	13.22	164	26.30	138	95	53	1	0	2	1		
WI MADISON	85	66	90	61	75	3	1.27	0.41	1.00	5.40	69	17.24	90	91	75	1	0	3	1		
WI MILWAUKEE	82	69	89	63	75	2	1.66	0.88	1.50	7.01	100	22.67	114	86	60	0	0	3	1		
WY CASPER	92	55	98	52	73	2	0.00	-0.26	0.00	2.36	89	8.86	102	73	38	5	0	0	0		
WY CHEYENNE	85	58	91	56	72	4	1.39	0.90	1.38	7.65	180	14.37	141	76	37	2	0	2	1		
WY LANDER	93	58	97	54	76	4	0.01	-0.15	0.01	0.66	34	10.80	124	42	10	6	0	1	0		
WY SHERIDAN	92	55	100	50	73	3	0.01	-0.17	0.01	2.18	70	12.50	130	74	39	4	0	1	0		

Based on 1971-2000 normals

*** Not Available

National Agricultural Summary

July 25 – 31, 2011

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Warmer-than-normal weather blanketed much of the nation, aiding winter wheat and summer crop development across the northern Plains and Northwest. Elsewhere, hot, dry weather maintained drought conditions on the southern Plains, as well as from the Ohio Valley into portions of the

Southeast. Most notably, temperatures were well over the century mark throughout much of Kansas, Oklahoma, and Texas during the week. Rainfall was scattered across the country, with totals reaching 5 inches or more in portions of the lower Delta and Great Lakes regions.

Corn: Silking advanced 18 percentage points during the week, as warm weather and adequate soil moisture levels provided nearly ideal growing conditions for reproductive corn in the major growing regions of the country. By week's end, 83 percent of the crop was at or beyond the silking stage, 9 percentage points behind last year and slightly behind the 5-year average. Eighteen percent of this year's corn crop was at or beyond the dough stage by July 31, twelve percentage points behind last year and 5 percentage points behind the 5-year average. Denting was underway in seven of the 18 major estimating states, with nationwide progress at 4 percent complete by week's end. This was 2 percentage points behind last year and slightly behind the 5-year average. Overall, 62 percent of the corn crop was reported in good to excellent condition, unchanged from last week but 9 percentage points below the same time last year.

Soybeans: Nationally, 77 percent of the soybean crop was at or beyond the blooming stage by week's end, 7 percentage points behind last year and 4 points behind the 5-year average. Bloom development was rapid across most of the major growing areas, with double-digit progress evident in 16 of the 18 major estimating states. By July 31, pods were setting on 34 percent of this year's soybean acreage, 16 percentage points behind last year and 11 points behind the 5-year average. Despite warm, sunny weather providing nearly ideal growing conditions during the week, overall progress remained well behind normal in most states. Overall, 60 percent of the soybean crop was reported in good to excellent condition, down 2 percentage points from last week and 6 points below the same time last year.

Winter Wheat: Eighty-one percent of the 2011 winter wheat crop was harvested by week's end, 2 percentage points behind last year and 5 points behind the 5-year average. Producers in Montana began harvesting during the week; however, progress in the state remained 20 days behind normal due to delayed planting and slow crop development earlier in the season.

Cotton: By week's end, 90 percent of the cotton crop was at or beyond the squaring stage, 6 percentage points behind last year and 2 points behind the 5-year average. In Texas, producers on the Plains concentrated irrigation efforts on the developing cotton crop. By July 31, bolls were setting on 62 percent of the nation's cotton acreage, 6 percentage points behind last year but on par with the 5-year average. Overall, 30 percent of the cotton crop was reported in good to excellent condition, up slightly from last week but 36 percentage points below the same time last year.

Sorghum: Heading of this year's sorghum crop advanced to 42 percent complete by week's end, 9 percentage points behind last year and 7 points behind the 5-year average. In Kansas, head development was a week behind normal, as hot weather and dry soils negatively impacted crop growth. Nationwide, 28 percent of the crop was at the coloring stage or beyond, 3 percentage points ahead of last year and

slightly ahead of the 5-year average. With activity limited to Arkansas, Louisiana, and Texas, 23 percent of this year's sorghum crop was mature by July 31. This was 5 percentage points ahead of last year and 3 percentage points ahead of the 5-year average. In Texas, above-average temperatures helped to quickly mature portions of the crop, leaving progress well ahead of both last year and normal—but at the same time caused a decline in crop conditions. Overall, 24 percent of the sorghum crop was reported in good to excellent condition, down 3 percentage points from last week and 45 points below the same time last year.

Rice: By week's end, 47 percent of the rice crop was at or beyond the heading stage, 18 percentage points behind last year and 2 points behind the 5-year average. As head development began to advance in California, producers were busy applying herbicide to their fields for weed control. Overall, 64 percent of the rice crop was reported in good to excellent condition, up slightly from last week but 8 percentage points below the same time last year.

Small Grains: Oat producers harvested 10 percent of the nation's crop during the week, leaving progress—at 30 percent complete—18 percentage points behind last year and 14 points behind the 5-year average. Overall, 55 percent of the oat crop was reported in good to excellent condition, down slightly from last week and 21 percentage points below the same time last year.

While heading of the barley crop was complete or nearly complete in Idaho, Minnesota, North Dakota, and Washington, progress in Montana was limited to 3 percentage points during the week. Nationally, 92 percent of the barley crop was at or beyond the heading stage, 4 percentage points behind last year and 5 points—or approximately a week—behind the 5-year average. Overall, 72 percent of the barley crop was reported in good to excellent condition, down 5 percentage points from last week and 14 points below the same time last year.

Heading of the spring wheat crop was 90 percent complete by July 31, seven percentage points behind last year and 8 points behind the 5-year average. The most significant delay was evident in Montana, where progress was 21 percentage points behind normal. Overall, 70 percent of the spring wheat crop was reported in good to excellent condition, down 4 percentage points from last week and 12 points below the same time last year.

Other Crops: By week's end, 80 percent of the peanut crop was pegging, 5 percentage points behind last year and 3 points behind the 5-year average. Producers in Georgia were busy applying fungicide to fields to treat for a heavy risk of white mold. Elsewhere, drought conditions in the Low Plains of Texas limited pegging, while peg development progressed well in irrigated fields in South Texas. Overall, 43 percent of the peanut crop was reported in good to excellent condition, up 3 percentage points from last week but 14 percentage points below the same time last year.

Crop Progress and Condition

Week Ending July 31, 2011

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

Corn Percent Silking				
	Prev Year	Prev Week	Jul 31 2011	5-Yr Avg
CO	71	18	50	65
IL	99	86	97	91
IN	95	62	81	85
IA	93	75	90	83
KS	96	72	89	96
KY	89	65	74	89
MI	92	45	72	75
MN	95	54	83	85
MO	91	85	92	90
NE	94	73	89	90
NC	100	99	99	100
ND	83	23	60	67
OH	94	30	58	86
PA	86	58	75	76
SD	65	24	57	57
TN	99	94	98	98
TX	96	87	92	96
WI	87	42	72	67
18 Sts	92	65	83	84
These 18 States planted 92% of last year's corn acreage.				

Corn Percent Dented				
	Prev Year	Prev Week	Jul 31 2011	5-Yr Avg
CO	0	NA	0	0
IL	13	NA	3	6
IN	3	NA	0	2
IA	0	NA	0	0
KS	9	NA	7	7
KY	14	NA	6	12
MI	2	NA	0	0
MN	0	NA	0	0
MO	8	NA	12	11
NE	2	NA	0	1
NC	58	NA	48	40
ND	0	NA	0	0
OH	1	NA	0	0
PA	0	NA	0	1
SD	0	NA	0	1
TN	50	NA	30	37
TX	51	NA	60	59
WI	0	NA	0	0
18 Sts	6	NA	4	5
These 18 States planted 92% of last year's corn acreage.				

Winter Wheat Percent Harvested				
	Prev Year	Prev Week	Jul 31 2011	5-Yr Avg
AR	100	100	100	100
CA	100	95	96	99
CO	96	80	96	96
ID	4	1	2	16
IL	100	98	100	100
IN	100	100	100	100
KS	100	100	100	100
MI	100	67	80	90
MO	100	100	100	100
MT	3	0	2	34
NE	93	66	87	96
NC	100	100	100	100
OH	100	99	100	100
OK	100	100	100	98
OR	38	7	18	56
SD	82	29	72	76
TX	100	100	100	99
WA	21	2	7	32
18 Sts	83	75	81	86
These 18 States harvested 91% of last year's winter wheat acreage.				

Corn Percent Dough				
	Prev Year	Prev Week	Jul 31 2011	5-Yr Avg
CO	4	0	1	9
IL	61	15	38	39
IN	35	0	8	21
IA	11	1	4	8
KS	50	19	40	42
KY	41	14	25	33
MI	29	0	3	11
MN	3	0	2	3
MO	51	25	47	46
NE	25	6	17	25
NC	88	79	85	85
ND	4	0	4	7
OH	28	0	5	15
PA	20	3	12	15
SD	8	0	2	8
TN	86	51	67	76
TX	60	60	61	70
WI	14	0	5	6
18 Sts	30	9	18	23
These 18 States planted 92% of last year's corn acreage.				

Corn Condition by Percent					
	VP	P	F	G	EX
CO	1	5	26	58	10
IL	3	10	34	40	13
IN	6	15	38	33	8
IA	2	5	18	50	25
KS	20	18	28	29	5
KY	1	3	30	40	26
MI	4	13	27	42	14
MN	1	5	20	55	19
MO	13	15	26	38	8
NE	2	5	16	56	21
NC	22	23	28	25	2
ND	2	6	21	55	16
OH	3	9	34	43	11
PA	8	23	39	23	7
SD	2	5	18	53	22
TN	0	2	20	54	24
TX	36	34	21	9	0
WI	2	4	13	54	27
18 Sts	5	9	24	46	16
Prev Wk	5	9	24	46	16
Prev Yr	3	7	19	47	24

Spring Wheat Percent Headed				
	Prev Year	Prev Week	Jul 31 2011	5-Yr Avg
ID	95	95	100	98
MN	100	98	99	99
MT	90	72	75	96
ND	99	79	91	99
SD	100	96	99	100
WA	100	92	96	100
6 Sts	97	83	90	98
These 6 States planted 99% of last year's spring wheat acreage.				

Spring Wheat Condition by Percent					
	VP	P	F	G	EX
ID	0	1	13	75	11
MN	1	5	23	54	17
MT	5	9	33	48	5
ND	1	3	18	61	17
SD	1	4	30	50	15
WA	1	5	20	65	9
6 Sts	2	5	23	56	14
Prev Wk	1	4	21	60	14
Prev Yr	1	2	15	64	18

Crop Progress and Condition

Week Ending July 31, 2011

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

Soybeans Percent Blooming				
	Prev Year	Prev Week	Jul 31 2011	5-Yr Avg
AR	87	63	79	80
IL	88	67	87	79
IN	86	51	66	75
IA	90	79	91	88
KS	69	47	67	75
KY	79	46	60	66
LA	95	91	95	94
MI	87	50	75	79
MN	89	57	72	86
MS	99	95	97	99
MO	64	50	66	60
NE	88	65	81	85
NC	61	45	53	51
ND	95	53	80	90
OH	86	40	63	85
SD	79	65	81	84
TN	82	59	75	81
WI	79	55	71	75
18 Sts	84	60	77	81
These 18 States planted 95% of last year's soybean acreage.				

Soybean Condition by Percent					
	VP	P	F	G	EX
AR	6	17	35	34	8
IL	2	7	33	46	12
IN	5	12	39	37	7
IA	2	3	19	52	24
KS	15	24	32	25	4
KY	0	4	34	45	17
LA	4	11	26	52	7
MI	2	10	33	44	11
MN	2	6	22	52	18
MS	5	10	22	49	14
MO	5	14	34	40	7
NE	1	4	20	58	17
NC	6	16	37	38	3
ND	2	8	22	51	17
OH	2	8	35	46	9
SD	2	5	23	51	19
TN	0	2	20	62	16
WI	1	3	15	55	26
18 Sts	3	9	28	46	14
Prev Wk	3	8	27	49	13
Prev Yr	3	8	23	48	18

Cotton Percent Setting Bolls				
	Prev Year	Prev Week	Jul 31 2011	5-Yr Avg
AL	69	39	51	60
AZ	74	65	70	80
AR	95	84	98	95
CA	77	50	75	76
GA	83	50	61	74
KS	44	7	26	42
LA	92	92	96	93
MS	96	63	82	91
MO	96	52	74	83
NC	83	75	82	81
OK	51	5	6	38
SC	49	43	59	48
TN	80	47	65	81
TX	56	36	55	49
VA	61	50	68	70
15 Sts	68	46	62	62
These 15 States planted 99% of last year's cotton acreage.				

Soybeans Percent Setting Pods				
	Prev Year	Prev Week	Jul 31 2011	5-Yr Avg
AR	69	36	47	58
IL	52	15	45	41
IN	57	7	22	33
IA	60	24	50	57
KS	24	5	14	34
KY	43	13	25	33
LA	84	79	86	83
MI	49	0	19	40
MN	45	10	24	45
MS	89	74	84	90
MO	28	10	26	25
NE	45	19	35	46
NC	28	15	24	20
ND	65	8	30	60
OH	52	5	12	41
SD	34	10	26	35
TN	57	25	44	58
WI	35	7	24	36
18 Sts	50	16	34	45
These 18 States planted 95% of last year's soybean acreage.				

Cotton Percent Squaring					
	Prev Year	Prev Week	Jul 31 2011	5-Yr Avg	
AL	88	64	71	89	
AZ	96	90	95	98	
AR	100	99	100	100	
CA	97	80	90	97	
GA	98	80	88	95	
KS	93	79	87	92	
LA	99	100	100	99	
MS	100	97	99	100	
MO	100	92	99	99	
NC	97	93	94	99	
OK	89	44	47	82	
SC	95	82	91	93	
TN	99	93	97	99	
TX	95	73	90	88	
VA	88	95	100	93	
15 Sts	96	79	90	92	
These 15 States planted 99% of last year's cotton acreage.					

Cotton Condition by Percent					
	VP	P	F	G	EX
AL	13	19	27	34	7
AZ	0	0	13	65	22
AR	6	12	35	36	11
CA	0	0	35	45	20
GA	14	18	38	25	5
KS	15	17	43	21	4
LA	1	23	32	34	10
MS	2	7	23	50	18
MO	4	8	29	55	4
NC	1	11	37	44	7
OK	57	31	9	3	0
SC	6	16	44	33	1
TN	0	1	19	67	13
TX	35	22	29	13	1
VA	0	0	13	67	20
15 Sts	22	18	30	25	5
Prev Wk	23	18	30	25	4
Prev Yr	2	7	25	48	18

Crop Progress and Condition

Week Ending July 31, 2011

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

Peanuts Percent Pegging				
	Prev Year	Prev Week	Jul 31 2011	5-Yr Avg
AL	58	40	55	54
FL	79	67	85	85
GA	93	70	81	88
NC	99	90	97	97
OK	88	86	92	91
SC	95	70	88	92
TX	87	50	89	84
VA	59	75	77	79
8 Sts	85	64	80	83
These 8 States planted 98% of last year's peanut acreage.				

Peanut Condition by Percent					
	VP	P	F	G	EX
AL	8	22	36	28	6
FL	2	6	20	67	5
GA	6	13	39	33	9
NC	1	5	37	48	9
OK	6	1	40	53	0
SC	4	11	43	40	2
TX	4	40	41	15	0
VA	0	0	34	43	23
8 Sts	5	16	36	36	7
Prev Wk	6	13	41	34	6
Prev Yr	2	8	33	45	12

Oats Percent Harvested				
	Prev Year	Prev Week	Jul 31 2011	5-Yr Avg
IA	79	43	75	65
MN	32	1	5	33
NE	82	73	85	79
ND	4	0	0	14
OH	89	37	40	57
PA	62	9	28	35
SD	37	5	21	46
TX	97	100	100	99
WI	40	6	18	31
9 Sts	48	20	30	44
These 9 States harvested 67% of last year's oat acreage.				

Oat Condition by Percent					
	VP	P	F	G	EX
IA	1	4	25	56	14
MN	1	3	20	62	14
NE	1	1	11	77	10
ND	0	2	17	64	17
OH	1	10	56	30	3
PA	4	21	38	34	3
SD	0	4	19	64	13
TX	52	20	21	7	0
WI	1	4	17	60	18
9 Sts	15	9	21	45	10
Prev Wk	15	9	20	45	11
Prev Yr	1	5	18	58	18

Sorghum Percent Headed				
	Prev Year	Prev Week	Jul 31 2011	5-Yr Avg
AR	99	87	94	94
CO	35	24	33	41
IL	51	26	36	49
KS	32	5	14	29
LA	100	100	100	98
MO	52	12	29	52
NE	42	10	15	32
NM	12	1	7	15
OK	59	45	48	34
SD	41	12	20	45
TX	76	72	78	77
11 Sts	51	34	42	49
These 11 States planted 98% of last year's sorghum acreage.				

Sorghum Percent Coloring				
	Prev Year	Prev Week	Jul 31 2011	5-Yr Avg
AR	67	29	45	52
CO	16	0	8	16
IL	12	0	0	6
KS	3	0	0	2
LA	92	72	85	80
MO	9	0	2	8
NE	0	0	0	0
NM	0	0	0	2
OK	14	3	27	8
SD	1	0	1	5
TX	58	67	68	64
11 Sts	25	25	28	27
These 11 States planted 98% of last year's sorghum acreage.				

Sorghum Percent Mature				
	Prev Year	Prev Week	Jul 31 2011	5-Yr Avg
AR	8	NA	1	3
CO	0	NA	0	0
IL	0	NA	0	0
KS	0	NA	0	0
LA	34	NA	34	22
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	49	NA	63	54
11 Sts	18	NA	23	20
These 11 States planted 98% of last year's sorghum acreage.				

Sorghum Condition by Percent					
	VP	P	F	G	EX
AR	2	12	39	42	5
CO	6	16	50	26	2
IL	0	7	54	38	1
KS	20	20	36	22	2
LA	10	27	37	26	0
MO	1	10	49	38	2
NE	0	3	23	64	10
NM	31	24	39	6	0
OK	36	38	22	4	0
SD	0	1	17	70	12
TX	24	31	28	17	0
11 Sts	20	24	32	22	2
Prev Wk	17	22	34	24	3
Prev Yr	1	4	26	59	10

Rice Percent Headed				
	Prev Year	Prev Week	Jul 31 2011	5-Yr Avg
AR	72	26	44	42
CA	4	1	5	15
LA	94	76	86	87
MS	86	58	79	66
MO	57	5	10	39
TX	81	76	89	88
6 Sts	65	33	47	49
These 6 States planted 100% of last year's rice acreage.				

Crop Progress and Condition

Week Ending July 31, 2011

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

Rice Condition by Percent					
	VP	P	F	G	EX
AR	4	9	31	44	12
CA	0	0	15	20	65
LA	2	4	23	48	23
MS	1	4	29	46	20
MO	3	6	20	49	22
TX	2	2	42	41	13
6 Sts	3	6	27	41	23
Prev Wk	3	6	28	43	20
Prev Yr	1	5	22	51	21

Barley Percent Headed				
	Prev Year	Prev Week	Jul 31 2011	5-Yr Avg
ID	96	97	100	98
MN	100	99	100	99
MT	92	80	83	92
ND	98	82	93	100
WA	100	95	98	100
5 Sts	96	86	92	97
These 5 States planted 75% of last year's barley acreage.				

Barley Condition by Percent					
	VP	P	F	G	EX
ID	0	3	13	67	17
MN	1	2	21	61	15
MT	4	7	33	48	8
ND	0	3	21	60	16
WA	1	3	17	71	8
5 Sts	1	4	23	59	13
Prev Wk	1	3	19	63	14
Prev Yr	1	3	10	68	18

Pasture and Range Condition by Percent											
Week Ending Jul 31, 2011											
	VP	P	F	G	EX		VP	P	F	G	EX
AL	6	15	34	41	4	NH	3	6	30	53	8
AZ	36	28	20	14	2	NJ	0	5	70	25	0
AR	37	42	16	5	0	NM	53	35	11	1	0
CA	5	25	40	25	5	NY	15	21	36	26	2
CO	27	10	21	32	10	NC	8	20	36	35	1
CT	0	2	48	50	0	ND	0	4	13	55	28
DE	17	19	24	40	0	OH	6	16	35	37	6
FL	1	4	20	65	10	OK	57	29	12	2	0
GA	13	22	39	24	2	OR	6	11	29	46	8
ID	0	1	13	69	17	PA	36	22	30	11	1
IL	3	18	45	32	2	RI	0	24	56	20	0
IN	7	21	39	30	3	SC	19	37	32	12	0
IA	4	14	31	43	8	SD	1	3	16	60	20
KS	33	24	25	17	1	TN	1	11	36	46	6
KY	3	8	30	48	11	TX	71	22	6	1	0
LA	10	24	41	23	2	UT	0	1	11	67	21
ME	0	19	24	27	30	VT	0	26	25	30	19
MD	20	35	27	17	1	VA	7	19	32	40	2
MA	0	0	34	58	8	WA	1	7	26	43	23
MI	4	13	43	29	11	WV	4	8	56	30	2
MN	1	2	13	59	25	WI	2	7	28	51	12
MS	11	7	29	44	9	WY	0	4	18	70	8
MO	12	28	37	22	1	48 Sts	20	16	23	33	8
MT	0	2	18	43	37						
NE	1	4	18	66	11	Prev Wk	18	15	23	35	9
NV	1	3	16	39	41	Prev Yr	4	10	26	48	12

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

NA - Not Available
* Revised

State Agricultural Summaries

These summaries, issued weekly through the summer growing season, provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in 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 5.9. Topsoil moisture 15% very short, 30% short, 53% adequate, and 2% surplus. Corn dough 78%, 86% 2010, and 85% 5-yr avg.; 40% dented, 64% 2010, and 53% 5-yr avg.; 4% mature, 13% 2010, and 20% 5-yr avg.; condition 11% very poor, 16% poor, 32% fair, 38% good, and 3% excellent. Soybeans blooming 63%, 72% 2010, and 70% 5-yr avg.; setting pods 22%, 44% 2010, and 39% 5-yr avg.; condition 2% very poor, 9% poor, 30% fair, 55% good, and 4% excellent. Livestock condition 3% very poor, 6% poor, 32% fair, 54% good, and 5% excellent. Pasture and range condition 6% very poor, 15% poor, 34% fair, 41% good, and 4% excellent. The week's average mean temperatures ranged from 81.1 F in Rock Mills, to 84.6 F in Muscle Shoals; total precipitation ranged from 0.03 inches in Huntsville and Hamilton, to 3.00 inches in Mobile. Rainfall has been scattered across the state coupled with intense heat. Crops are showing signs of heat and drought stress. Producers were able to cut and bale some hay this past week, although yields were reduced significantly due to the dry conditions.

ALASKA: Days suitable for fieldwork 5.0. Topsoil moisture 5% short, 95% adequate. Subsoil moisture 5% short, 95% adequate. Barley 5% turning color. Condition of barley 10% poor, 20% fair, 50% good, 20% excellent. Oats 40% in dough. Condition of oats 20% fair, 50% good, 30% excellent. Condition of potatoes 5% poor, 15% fair, 60% good, 20% excellent. Hay harvest 90% complete. Condition of all hay 10% poor, 50% fair, 40% good. Wind and rain damage 95% none, 5% light. Activities harvesting hay, weed control, fertilizing hay and pasture, equipment repair.

ARIZONA: Temperatures were mostly above normal for the week ending July 31st, ranging from 2 degrees below normal at Paloma and Parker to 9 degrees above normal at Grand Canyon. The highest temperature of the week was 112 degrees at Buckeye. The lowest reading was 45 degrees at Grand Canyon. There was precipitation recorded in all but 3 of the 22 weather stations. The least precipitation was recorded in Parker with 0.01 inches. The most precipitation was recorded in Willcox with 1.51 inches. Roll is the only area that has above normal precipitation to date. Squaring has occurred on 95 percent of the State's cotton acreage, behind last year and the five-year average. Seventy percent of the acreage has set bolls. Bolls opening is at 20 percent. The condition of the cotton crop remains mostly good. Alfalfa condition is mostly good to excellent. Harvesting is active on over three-fourths of the acreage across the State. Arizona growers remained active with the harvest of cantaloupes, honeydews and other miscellaneous melons. Range and pastures continued to receive some much needed moisture from seasonal rains. Most rangeland remains in very poor to fair condition. Rain has added water to some stock tanks however they are not fully replenished and water hauling is necessary in a few areas.

ARKANSAS: Days suitable for fieldwork 6.7. Topsoil moisture 48% very short, 41% short, 11% adequate, 0% surplus. Subsoil moisture 43% very short, 41% short, 16% adequate, 0% surplus. Corn 96% dough, 96% 2010, 91% avg.; 81% dent, 85% 2010, 69% avg.; 25% mature, 34% 2010, 12% avg.; condition 13% very poor, 17% poor, 30% fair, 33% good, 7% excellent. Livestock condition remained mostly fair to good, but cattle were showing signs of heat stress in some areas. Pasture and range and hay conditions declined sharply as the hot and dry weather persisted for another week. Much like last week, there were reports of producers feeding hay and selling cattle due to a lack of forage.

CALIFORNIA: Nearly all winter wheat has been harvested across the state. Other small grain crop harvest progressed well. While lygus, aphids, and spider mite outbreaks were looming in cotton fields coupled with a late crop, progress has been normal with nearly the

entire production reaching the squaring developmental stage and about three quarters in the setting bowl phase. Bloom was also advancing well. Rice fields were reported to be in mostly good to excellent condition and weed treatments continued. Alfalfa producers continued harvesting of the second to fourth cuttings from the northern to southern areas of the state with good yields reported. Some producers reported major problems with beet armyworms and alfalfa caterpillars in the San Joaquin Valley. Corn for silage harvest was ongoing. Mint was growing well in Siskiyou County and received treatments for late weeds and mites. Although late, Easter lilies were growing well in the North Coast. Grape vineyards across the state continued to develop well with recent warm weather. The grape harvest was underway in southern San Joaquin Valley growing regions. Mildew issues were reported in some regions. Peaches, nectarines and plums continued to be harvested. Prunes were developing well. The pear harvest was underway. The Valencia orange and grapefruit harvest continued. Blueberries and strawberries were being picked in the San Joaquin Valley. Apples, kiwis and pomegranates were growing well. Weed control continued in orchards. Almond growers continued application of hull split sprays as hull split in orchards continued across the state. The Nonpareil hull split was ahead of later varieties. Almond growers continued preparations for harvest. Walnut, pistachio and pecan orchards showed good development. Walnut growers were spraying for codling moth. Kern County reported carrots, watermelon, cantaloupe and bell peppers were being harvested. Tomatoes were doing well. In Tulare, honeydew melons were being harvested as well as squash, eggplant, tomatoes, watermelons and gourds. Good harvest conditions for carrots, tomatoes, onions and garlic were reported in Fresno County. Processing tomato and cantaloupe harvests were starting. Winter carrots were being planted and other fields were being prepared for the next crop. Merced County reported fresh tomatoes were looking good. In San Joaquin County, the onion harvest was winding down, fresh and processing tomatoes were beginning to turn color, and watermelon harvest was underway. Processing tomatoes were beginning to be harvested in Sutter County. Non-irrigated pasture and rangeland were reported to be in good to poor condition. Grasses in the lower Sierra foothills continued to desiccate. Supplemental feeding of livestock continued to decline. Some range cattle were moved onto irrigated pasture. Sheep grazed harvested grain fields. Bees were active pollinating sunflower, alfalfa, melon, and squash fields.

COLORADO: Days suitable for field work 5.8. Topsoil moisture 12% very short, 30% short, 55% adequate, 3% surplus. Subsoil moisture 14% very short, 27% short, 57% adequate, 2% surplus. Spring barley 76% turning color, 69% 2010, 82% avg.; 16% harvested, 7% 2010, 11% avg.; condition 2% poor, 45% fair, 42% good, 11% excellent. Spring wheat 52% turning color, 58% 2010, 67% avg., 4% harvested, 6% 2010, 9% avg., condition 15% poor, 50% fair, 29% good, 6% excellent. Alfalfa 71% 2nd cutting, 73% 2010, 68% avg.; 3% 3rd cutting, 2% 2010, 2% avg.; condition 1% very poor, 13% poor, 27% fair, 47% good, 12% excellent. Dry Beans 45% flowered, 69% 2010, 65% avg.; condition 3% very poor, 63% fair, 28% good, 6% excellent. Dry onions condition 14% fair, 65% good, 21% excellent. Sugarbeets condition 29% fair, 58% good, 13% excellent. Fall potatoes condition 1% very poor, 5% poor, 45% fair, 43% good, 6% excellent. Summer potatoes condition 2% very poor, 2% poor, 43% fair, 46% good, 7% excellent. Sunflowers condition 3% very poor, 5% poor, 32% fair, 54% good, 6% excellent. Livestock condition 1% poor, 16% fair, 64% good, 19% excellent. Colorado experienced very warm temperatures but received below average precipitation again last week. The moisture that was received came in the form of isolated thunderstorms. The warmer weather continued to boost crop progress in the most of the State.

DELAWARE: Days suitable for fieldwork 6.5. Topsoil moisture 24% very short, 42% short, 34% adequate, 0% surplus. Subsoil moisture 16% very short, 54% short, 30% adequate, 0% surplus. Hay supplies 4% very short, 14% short, 66% adequate, 16% surplus. Other hay second cutting 94%, 91% 2010, 95% avg.; third cutting 5%, 26% 2010, 15% avg. Alfalfa hay second cutting 100%, 83% 2010, 94% avg.; third cutting 24%, 30% 2010, 42% avg. Pasture condition 17% very poor, 19% poor, 24% fair, 40% good, 0% excellent. Corn condition 7% very poor, 16% poor, 42% fair, 28% good, 7% excellent. Soybean condition 3% very poor, 8% poor, 29% fair, 54% good, 6% excellent. Apple condition 0% very poor, 2% poor, 7% fair, 87% good, 4% excellent. Peach condition 0% very poor, 1% poor, 10% fair, 86% good, 3% excellent. Corn silked 99%, 99% 2010, 95% avg.; dough 89%, 61% 2010, 43% avg.; 12% dent, 12% 2010, 8% avg. Soybeans 100% emerged, 100% 2010, 99% avg.; blooming 72%, 68% 2010, 46% avg.; setting pods 21%, 53% 2010, 24% avg. Cantaloups 49% harvested, 43% 2010, 34% avg. Cucumbers 100% planted, 100% 2010, 95% avg.; 63% harvested, 59% 2010, 47% avg. Lima Beans 99% planted, 99% 2010, 95% avg.; 12% harvested, 100% 2010, 29% avg. Potatoes 55% harvested, 46% 2010, 32% avg. Snap beans 99% planted, 100% 2010, 100% avg.; 58% harvested, 83% 2010, 58% avg. Sweet corn 100% planted, 100% 2010, 100% avg.; 46% harvested, 63% 2010, 48% avg. Tomatoes 29% harvested, 47%, 29% avg. Watermelons 43% harvested, 47% 2010, 35% avg. Apples 39% harvested, 10% 2010, 6% avg. Peaches 65% harvested, 38% 2010, 45% avg. High temperatures have caused some problems with crops. The spotty showers have not done enough to relieve crop drought symptoms.

FLORIDA: Topsoil moisture 3% very short, 17% short, 68% adequate, 12% surplus. Subsoil moisture 1% very short, 29% short, 60% adequate, 10% surplus. Peanut 85% pegged, 79% 2010, 85% 5-yr avg. Panhandle field corn harvesting continued. Escambia, Santa Rosa counties younger cotton lost blooms and squares due to recent rains; if loss continues harvesting might be delayed. Everglades region grasshopper outbreak continued to impact sugarcane fields. Central, southern Peninsula vegetables growers laying plastic for fall vegetables. Quincy area tomato transplanting concluded. Miami-Dade County growers continued to harvest okra. Next season's oranges are golf ball sized, grapefruit are baseball sized. Grove activity resetting new trees, young tree care, applying herbicides, hedging and topping, brush removal, fertilizer application. Pasture Condition 1% very poor, 4% poor, 20% fair, 65% good, 10% excellent. Cattle Condition 1% very poor, 7% poor, 25% fair, 60% good, 7% excellent. Statewide pasture, cattle condition improved. Scattered rains helped pastures improve; drought limiting grass growth. Panhandle, north most pasture in good condition. Pasture improved following rain, moisture reserves remain in deficit. Pasture condition poor in several locations. Significant armyworm damage in heavily fertilized pastures, hay fields. Cattle condition poor to excellent, most good. Central pasture condition very poor to excellent, most good. Southwest pasture condition poor to excellent, most good. Most standing water from previous rains dried up.

GEORGIA: Days suitable for fieldwork 5.9. Topsoil moisture 15% very short, 32% short, 49% adequate, 4% surplus. Subsoil moisture 17% very short, 40% short, 42% adequate, 1% surplus. Range and pasture 13% very poor, 22% poor, 39% fair, 24% good, 2% excellent. Corn 16% very poor, 18% poor, 28% fair, 24% good, 14% excellent; 8% harvested, 3% in 2010, 1% avg. Cotton 14% very poor, 18% poor, 38% fair, 25% good, 5% excellent; squaring 88%, 98% 2010, 95% avg.; setting bolls 61%, 83% 2010, 74% avg. Hay 13% very poor, 23% poor, 42% fair, 20% good, 2% excellent; second cutting comp. 57%, N/A 2010, N/A avg. Peanuts 6% very poor, 13% poor, 39% fair, 33% good, 9% excellent; blooming 96%, 100% in 2010, 98% avg.; pegging 81%, 93% in 2010, 88% avg. Pecans 5% very poor, 12% poor, 53% fair, 22% good, 8% excellent. Sorghum 3% very poor, 23% poor, 48% fair, 24% good, 2% excellent; 1% harvested, 6% in 2010, 1% avg. Soybeans 7% very poor, 18% poor, 45% fair, 27% good, 3% excellent. Tobacco 2% very poor, 12% poor, 42% fair, 36% good, 8% excellent; 37% harvested, 31% 2010, 33% avg. Precipitation estimates for the State ranged from no rain up to 4.0 inches. The week's average temperatures ranged from the mid 70s to the mid 80s.

HAWAII: Days suitable for fieldwork 7. Soil moisture was at short to adequate levels. Skies were generally partly sunny. Trade winds were at moderate levels throughout the week. Associated rains generally fell over the windward and mountain areas, but were spotty with wide variation. Trades were strong enough at times that showers were carried over to the leeward side. The National Drought Monitor showed that no change to drought ratings compared to the previous week. The only counties that continued to see any level of drought were Hawaii and Maui counties. Crops were in generally fair condition throughout the week, but varied based on location.

IDAHO: Days suitable for field work 6.8. Topsoil moisture 2% very short, 22% short, 73% adequate, 3% surplus. Winter wheat turning color 85%, 84% 2010, 93% avg. Spring wheat turning color 47%, 40% 2010, 63% avg. Barley turning color 56%, 50% 2010, 67% avg. Potatoes closing middles 100%, 90% 2010, 95% avg. Potato vines killed 0%, 1% 2010, 1% avg. Alfalfa hay 2nd cutting harvested 51%, 52% 2010, 61% avg. Irrigation water supply 0% very poor, 0% poor, 3% fair, 30% good, 67% excellent. Winter wheat 2% harvested, 4% 2010, 16% avg. Spring wheat 0% harvested, 1% 2010, 2% avg. Barley 1% harvested, 2% 2010, 4% avg. Winter wheat condition 1% very poor, 5% poor, 19% fair, 64% good, 11% excellent. The winter wheat harvest is trailing the five year average by fourteen percentage points. All potatoes have closed middles according to the University of Idaho Extension educators. At the state level, spring wheat and barley turning color is forty-seven and fifty-six percent complete, respectively. Winter wheat, spring wheat and barley are in mostly good to excellent condition.

ILLINOIS: Days suitable for fieldwork 5.4. Topsoil moisture 12% very short, 35% short, 48% adequate, 5% surplus. Oats 99% turning yellow, 100% 2010, 98% avg.; 95% ripe, 96% 2010, 87% avg. Alfalfa 93% second cut, 92% 2010, 94% avg.; 24% third cut, 26% 2010, 28% avg. Rainfall was sporadic throughout the state. Some counties reported continuing dry conditions, while others experienced intense flooding. Damage to crops, livestock and residents due to flooding was reported. Precipitation across the state averaged 1.52 inches, 0.68 inches above normal, though most farmers are still experiencing dry conditions. Statewide temperatures averaged 81.0 degrees, 6.3 degrees above normal. Many producers are concerned about the hot and dry weather's affect on crop condition during pollination. The dry conditions did advance summer activities such as hay baling and pesticide application.

INDIANA: Days suitable for fieldwork 6.3. Topsoil moisture 19% very short, 44% short, 35% adequate, 2% surplus. Subsoil moisture 10% very short, 37% short, 52% adequate, 1% surplus. Corn 81% silked, 95% 2010, 85% avg.; condition 6% very poor, 15% poor, 38% fair, 33% good, 8% excellent. Soybeans blooming 66%, 86% 2010, 75% avg.; setting pods 22%, 57% 2010, 33% avg.; condition 5% very poor, 12% poor, 39% fair, 37% good, 7% excellent. Pasture condition 7% very poor, 21% poor, 39% fair, 30% good, 3% excellent. Second cutting alfalfa 91%, 93% 2010, 91% avg. Temperatures ranged from 40 to 100 above normal with a low of 60 and a high of 98. Precipitation ranged from 0.0 inches to 2.56 inches. High temperatures and humidity prevailed again last week placing further stress on crops and livestock. Isolated thunderstorms produced heavy rainfall in some areas but most of the state remained very dry. High winds resulted in more lodging and green snap in some corn fields. There have been some reports of spider mites in soybean fields, but only minimal spraying has been required thus far. Harvest of potatoes and cucumbers for processing was underway in some northern areas while watermelons and cantaloupe were being picked in southwestern counties. Other major activities during the week included cutting and baling hay, monitoring irrigation systems, applying herbicides and fungicides, harvesting vegetable crops, detasseling seed corn, attending county fairs, mowing roadsides and taking care of livestock.

IOWA: Days suitable for fieldwork 5.8. Topsoil moisture 7% very short, 23% short, 65% adequate, and 5% surplus. Subsoil moisture 4% very short, 18% short, 74% adequate, and 4% surplus. While some areas along the Missouri River are seeing improvement in flooding with reduced water volume coming from upstream dams, the

eastern part of Iowa saw flooding due to excessive rainfall. Major activities focused on fungicide applications to corn and pesticide applications to soybeans. Forage crops seem to be having the hardest time with the heat and humidity slowing re-growth.

KANSAS: Days suitable for fieldwork 6.2. Topsoil moisture 47% very short, 26% short, 26% adequate, 1% surplus. Subsoil moisture 44% very short, 29% short, 27% adequate. Sunflowers bloomed 29%, 32% 2010, 29% avg.; condition 3% very poor, 8% poor, 44% fair, 39% good, 6% excellent. Alfalfa third cutting 51%, 58% 2010, 51% avg. Feed grain supplies 9% very short, 17% short, 71% adequate, 3% surplus. Hay and forage supplies 18% very short, 30% short, 50% adequate, 2% surplus. Stock water supplies 21% very short, 24% short, 54% adequate, 1% surplus. Triple digit temperatures that persisted across the majority of Kansas last week broke many historic records and continued to put pressure on row crops despite spotty thunderstorms that provided much needed moisture to some locations. On July 27, McPherson, Hutchinson, and Salina recorded the highest temperature in the United States at 113 degrees Fahrenheit. Precipitation totals varied widely with producers receiving less than a tenth to over three inches with Horton leading the State with 3.39 inches, followed by Russell Springs with 3.25 inches. Rainfall totals were an inch or greater at 18 of the 52 stations, while 23 stations received a half an inch of moisture or less. Both topsoil and subsoil moisture supplies remain at the lowest levels since August of 2006. Last week, producers continued to irrigate crops, chop corn for silage, and cut alfalfa and other hay where available. Crop conditions continued to decline last week as the spring planted crops contended with temperatures over 100 degrees and a lack of significant moisture. Cattle herds continue to be liquidated as feed availability becomes scarce despite relief from emergency grazing of Conservation Reserve Program ground.

KENTUCKY: Days suitable fieldwork 6.1. Topsoil 6% very short, 36% short, 53% adequate, 5% surplus. Subsoil moisture 3% very short, 27% short, 65% adequate, 5% surplus. Precipitation totaled 0.59 inches, 0.39 in. below normal. Temperatures averaged 81 degrees, 4 degrees warmer than normal. Corn reaching milk stage 44%. Dark tobacco blooming 78% and topped 50%. Burley tobacco blooming 45% and topped 18%. Condition of tobacco set, 1% very poor, 5% poor, 29% fair, 46% good, 19% excellent. Hay conditions 1% very poor, 5% poor, 30% fair, 52% good, 12% excellent.

LOUISIANA: Days suitable for fieldwork, 4.3. Soil moisture 13% very short, 30% short, 43% adequate, 14% surplus. Corn 84% mature, 81% 2010, 75% avg.; 18% harvested, 19% 2010, 8% avg.; 14% very poor, 17% poor, 31% fair, 35% good, 3% excellent. Peaches 91% harvested, 79% 2010, 89% avg. Hay second cutting 67%, 78% 2010, 68% avg. Sweet Potatoes 4% very poor, 5% poor, 18% fair, and 73% good. Sugarcane 9% very poor, 15% poor, 30% fair, 36% good, 10% excellent. Livestock 2% very poor, 11% poor, 42% fair, 42% good, and 3% excellent. Vegetables 12% very poor, 20% poor, 41% fair, 25% good, and 2% excellent. Range and Pasture 10% very poor, 24% poor, 41% fair, 23% good, and 2% excellent.

MARYLAND: Days suitable for fieldwork 6.9. Topsoil moisture 40% very short, 45% short, 15% adequate, 0% surplus. Subsoil moisture 35% very short, 50% short, 15% adequate, 0% surplus. Hay supplies 5% very short, 15% short, 77% adequate, 3% surplus. Other hay second cutting 87%, 93% 2010, 75% avg.; third cutting 5%, 14% 2010, 13% avg. Alfalfa hay second cutting 99%, 96% 2010, 96% avg.; third cutting 47%, 42% 2010, 48% avg. Pasture condition 20% very poor, 35% poor, 27% fair, 17% good, 1% excellent. Corn condition 16% very poor, 21% poor, 29% fair, 32% good, 2% excellent. Soybean condition 19% very poor, 20% poor, 31% fair, 29% good, 1% excellent. Apple condition 0% very poor, 0% poor, 7% fair, 92% good, 1% excellent. Peach condition 0% very poor, 3% poor, 9% fair, 82% good, 6% excellent. Corn silked 90%, 92% 2010, 91% avg.; dough 33%, 44% 2010, 38% avg.; 3% dent, 9% 2010, 4% avg. Soybeans 100% emerged, 100% 2010, 100% avg.; blooming 55%, 65% 2010, 48% avg.; setting pods 30%, 38% 2010, 21% avg. Cantaloups 43% harvested, 54% 2010, 48% avg. Cucumbers 97% planted, 98% 2010, 92% avg.; 60% harvested, 41% 2010, 49% avg. Lima Beans 98% planted, 95% 2010, 94% avg.; 34% harvested, 15%

2010, 32% avg. Potatoes 61% harvested, 33% 2010, 47% avg. Snap beans 98% planted, 100% 2010, 94% avg.; 65% harvested, 48% 2010, 57% avg. Sweet corn 99% planted, 100% 2010, 100% avg.; 47% harvested, 45% 2010, 48% avg. Tomatoes 41% harvested, 45% 2010, 39% avg. Watermelons 34% harvested, 31% 2010, 29% avg. Apples 11% harvested, 13% 2010, 17% avg. Peaches 51% harvested, 51% 2010, 41% avg. High temperatures have caused some problems with crops. The spotty showers have not done enough to relieve crop drought symptoms.

MICHIGAN: Days suitable for fieldwork 5. Topsoil 8% very short, 25% short, 55% adequate, 12% surplus. Subsoil 9% very short, 27% short, 59% adequate, 5% surplus. Corn height 67 inches. Barley 0% very poor, 9% poor, 43% fair, 45% good, 3% excellent; 3% harvested, 25% 2010, 5% avg. Oats 1% very poor, 5% poor, 26% fair, 60% good, 8% excellent; turning 89%, 97% 2010, 87% avg. All hay 1% very poor, 6% poor, 31% fair, 48% good, 14% excellent. Second cutting hay 71%, 69% 2010, 70% avg. Dry beans 10% very poor, 15% poor, 34% fair, 30% good, 11% excellent; blooming 76%, 77% 2010, 61% avg. Blueberries 53% harvested, 63% 2010, 48% avg. Tart cherries 60% harvested, 97% 2010, 76% avg. A significant rainfall fell over most of state Wednesday and Thursday bringing relief to crops. Various amounts of rain reported across State. Some fields went from very dry to very wet while others received just enough rain to keep crops growing. Cooler temperatures a relief as well. Activities for week included harvesting alfalfa, oats, wheat, cherries, blueberries, peaches and plums, baling straw, scouting fields for pests, and keeping irrigation running. Greatly appreciated rainfall during week helped improve field crop condition. Significant rains fell Wednesday and Thursday night southern areas of State. Northern counties still need of rain at week's end. Corn fields ranged from V9 to R1. Western bean cutworm counts high central counties. Soybeans ranged from R1 to R3 with some fields not yet canopied. A few drowned spots due to excessive rainfall reported. Most of wheat southern Michigan has been harvested. Straw continues to be baled. Some summer seeding of alfalfa completed late week after rainfall. Second cutting of alfalfa continued. Oats ripened fast. Harvesting began. Sugarbeet crop hurt from high temperatures but benefited from rain. The tart cherry harvest neared completion west central and full swing northwest. Fruit quality those regions has been very good. Fruit size has been diminished because of low rainfall amounts, but dry conditions reduced severity of cherry leaf spot. Sweet cherry harvest nearly done. harvest of Bluecrop blueberries peaked. Harvesting of mid-season blueberries underway. Berry size and quality declined Grand Rapids area, so some growers irrigated and waited for fruit to increase size before continuing with harvest. Japanese beetles a major concern. Apples 2 to 2.5 inches south, where harvest of summer varieties began. European red mite numbers increased. Methley, Shiro, and Vibrant plums picked. Early Star, Desiree and PF5D peaches harvested. Some growers have had a large percentage of early peaches with split pits and, therefore, cracked fruit. Pears 1.75 to 2 inches south. Grapes at cluster tightening southwest. crop load very good most vineyards northwest, where some growers hedged vines. Grape berry moth primary insect pest. Celery harvest full swing. Cabbage being harvested with good quality and quantity. Carrots appeared healthy. Aster yellows disease found some carrot fields, but at rates less than normal. Sweet corn harvest began ubiquitously this past week. Tomato harvest volume increased as more fields came into production. Pepper harvest began southwest. Purple spot pressure remains high asparagus. onion crop developed rapidly. Thrips control necessary some fields. Cucumber, zucchini, and summer squash harvest continued. Squash vine borers active, but decreasing. Cantaloupe and watermelon continued to size. Harvest continued some areas. A spider mite outbreak reported on watermelons east Michigan. Processing broccoli continued to grow. eggplant crop nearing harvest.

MINNESOTA: Days suitable for fieldwork 4.8. Topsoil moisture 2% Short, 76% adequate, 22% surplus. Pasture condition 1% very poor, 2% poor, 13% fair, 59% good, 25% excellent. Corn 16% Milk, 27% 2010, 27% avg. Soybean Height 24 inches, 23 inches 2010, 24 inches avg. Dry Edible Beans 67% Blooming, NA 2010, NA avg.; 18% Setting Pods, NA 2010, NA avg.; condition 1% very poor, 7% poor, 24% fair, 46% good, 22% excellent. Spring Wheat 59% Turning Ripe,

91% 2010, 74% avg.; 0% harvested, 8% 2010, 8% avg. Barley 56% Turning Ripe, 94% 2010, 77% avg.; 2% harvested, 14% 2010, 20% avg. Oats 78% Turning Ripe, 96% 2010, 87% avg. Sweet Corn 8% harvested, 11% 2010, 11% avg. Canola 3% harvested, 1% 2010, 2% avg.; condition 8% poor, 50% fair, 40% good, 2% excellent. Potato 3% harvested, 5% 2010, 3% avg.; condition 2% poor, 9% fair, 51% good, 38% excellent. Sugarbeet condition 2% very poor, 9% poor, 28% fair, 47% good, 14% excellent. Sunflower condition 1% very poor, 6% poor, 38% fair, 48% good, 7% excellent. Hot, humid conditions and adequate soil moisture continued to advance crop development at a rapid pace. Crop conditions generally improved, though reporters continued to note significant variability in crops. Producers scouted soybean fields for aphids and prepared for the small grain harvest. Average temperatures for the week were 73.1°, nearly 3° above normal, while average precipitation was .92 inch, nearly average. The extreme, sustained heat put stress on the state's livestock.

MISSISSIPPI: Days suitable for fieldwork 4.8. Soil moisture 1% very short, 15% short, 78% adequate, and 6% surplus. Corn 100% silked, 100% 2010, 100% avg.; 98% dough, 99% 2010, 98% avg.; 88% dent, 89% 2010, 87% avg.; 23% mature, 35% 2010, 31% avg.; 2% harvested, 1% 2010, 1% avg.; 14% very poor, 14% poor, 32% fair, 28% good, 12% excellent. Cotton 99% squaring, 100% 2010, 100% avg.; 82% setting bolls, 96% 2010, 91% avg.; 2% very poor, 7% poor, 23% fair, 50% good, 18% excellent. Peanuts 100% pegging, 99% 2010, 99% avg. 0% very poor, 0% poor, 45% fair, 30% good, 25% excellent. Rice 79% heading, 86% 2010, 66% avg.; 1% very poor, 4% poor, 29% fair, 46% good, 20% excellent. Sorghum 94% heading, 100% 2010, 98% avg.; 37% turning color, 61% 2010, 55% avg.; 1% very poor, 6% poor, 20% fair, 62% good, 11% excellent. Soybeans 97% blooming, 99% 2010, 99% avg.; 84% setting pods, 89% 2010, 90% avg.; 5% turning color, 9% 2010, 14% avg.; 5% very poor, 10% poor, 22% fair, 49% good, 14% excellent. Hay (harvested-warm) 73%, 65% 2010, 67% avg.; 10% very poor, 17% poor, 26% fair, 42% good, 5% excellent. Sweetpotatoes 0% very poor, 8% poor, 27% fair, 56% good, 9% excellent. Watermelons 89% harvested, 94% 2010, 95% avg. Cattle 3% very poor, 11% poor, 41% fair, 35% good, 10% excellent. Pasture 11% very poor, 7% poor, 29% fair, 44% good, 9% excellent. Most of the state got rains last week improving conditions. Corn harvesting has begun in some areas. Growers are spraying for insects as needed and there have been reports of armyworms in hay fields.

MISSOURI: Days suitable for fieldwork 6.3. Precipitation 0.66 in. Temperatures were 3 degrees to 4 degrees above average in the southeast district with the rest of the state 6 to 10 degrees above normal. Topsoil moisture 31% very short, 38% short, 29% adequate, 2% surplus. Subsoil moisture 22% very short, 37% short, 39% adequate, 2% surplus. The southwest district faced near corn crop failure with condition 84% very poor. Yield loss was certain for soybeans in the southwest district with condition 94% poor. Alfalfa hay 2nd cutting 96%. Alfalfa hay 3rd cutting 35%. Other hay cut 95%. Pasture condition 12% very poor, 28% poor, 37% fair, 22% good, and 1% excellent. Supply of hay and other roughages 5% very short, 23% short, 69% adequate, 3% surplus. Stock water supplies 2% very short, 19% short, 77% adequate, 2% surplus. Some producers in the west-central, central, southwest, and south-central districts started to feed hay.

MONTANA: Topsoil moisture 5% very short, 1% last year; 48% short, 23% last year; 40% adequate, 72% last year; 7% surplus, 4% last year. Subsoil moisture 3% very short, 1% last year; 28% short, 21% last year; 59% adequate, 77% last year; 10% surplus, 1% last year. Winter wheat condition 2% very poor, 1% last year; 7% poor, 2% last year; 20% fair, 15% last year; 55% good, 60% last year; 16% excellent, 23% last year. Winter wheat turning 89%, 93% last year. Winter wheat harvested 2%, 3% last year. Barley condition 4% very poor, 1% last year; 7% poor, 1% last year; 33% fair, 13% last year; 48% good, 56% last year; 8% excellent, 29% last year. Barley headed 83%, 92% last year. Barley turning 28%, 44% last year. Dry peas blooming 95%, 100% last year. Dry Peas harvested 4%, 10% last year. Durum wheat condition 5% very poor, 0% last year; 6% poor, 5% last year; 25% fair, 18% last year; 57% good, 65% last year;

7% excellent, 12% last year. Durum wheat boot stage 97%, 98% last year. Durum wheat headed 65%, 91% last year. Durum wheat turning 9%, 13% last year. Lentils blooming 92%, 98% last year. Lentils 5% harvested, 4% last year. Oats condition 1% very poor, 0% last year; 6% poor, 0% last year; 29% fair, 19% last year; 60% good, 65% last year; 4% excellent, 16% last year. Oats 75% headed, 92% last year. Oats turning 20%, 30% last year. Spring wheat condition 5% very poor, 0% last year; 9% poor, 2% last year; 33% fair, 19% last year; 48% good, 59% last year; 5% excellent, 20% last year. Spring wheat boot stage 94%, 99% last year. Spring wheat headed 75%, 90% last year. Spring wheat turning 8%, 23% last year. Alfalfa hay harvested first cutting 95%, 96% last year. Alfalfa hay harvested second cutting 11%, 5% last year. Other hay harvested first cutting 88%, 87% last year. Other hay harvested second cutting 3%, 0% last year. Range and pasture feed condition 0% very poor, 0% last year; 2% poor, 3% last year; 18% fair, 19% last year; 43% good, 58% last year; 37% excellent, 20% last year. The Treasure State received more sunshine this week ending July 31, 2011. Hardin experienced the highest temperature of 102 degrees with the highs for all other weather stations in the 90 to 100 degree range. West Yellowstone had the low temperature of 30 degrees, with Wisdom dipping to 33 degrees. Glasgow received the most moisture for the week at 1.48 inches, with most other weather stations outside the Northeast portion of the state reporting 0-0.4 inch precipitation.

NEBRASKA: Days suitable for fieldwork 6.0. Topsoil moisture 5% very short, 33% short, 60% adequate, and 2% surplus. Subsoil moisture 3% very short, 21% short, 74% adequate, and 2% surplus. Corn Irrigated conditions 1% very poor, 5% poor, 14% fair, 57% good and 23% excellent. Corn Dryland conditions 2% very poor, 6% poor, 18% fair, 55% good, and 19% excellent. Dry Bean conditions 0% very poor, 10% poor, 23% fair, 59% good, and 8% excellent. Dry Beans blooming 54%, 78% 2010, 78% avg. Dry Beans Setting Pods 11%, 15% 2010, 24% avg. Alfalfa second cutting 88% complete, 92% 2010, 92% avg.; third cutting 14% complete, 24% 2010, 20% avg. Alfalfa conditions 0% very poor, 3% poor, 16% fair, 64% good, and 17% excellent. Above normal temperatures stressed both crops and livestock, with high humidity adding to livestock stress. The high humidity did help crops endure the high temperatures. Wheat and hay harvest progressed with the dry conditions and irrigation was active in most areas. Aerial applications of fungicides and insecticides were occurring where needed. Temperatures averaged 3 degrees above normal. Highs reached triple digits, but were mainly in mid to upper 90's. Lows were recorded mostly in the 60's. Rainfall was highest in the Southeast District while the Panhandle received only a trace.

NEVADA: Days suitable for fieldwork 7. Warm weather and thunderstorms dominated the week's weather. Weekly average temperatures ranged from 0 to 5 degree above normal. Las Vegas recorded a high temperature of 108 degrees and temperatures reached the mid to upper nineties in most areas. Thunderstorms brought scattered showers. Ely recorded .83 inches of precipitation. Second cutting of alfalfa was underway in the north. Pastures and ranges showed good growth and is in good to excellent condition. Cheat grass was curing out. Some range fires. Livestock were doing well on abundant seasonal range. Main farm and ranch activities included haying, weed and pest control, fertilizing, irrigation, equipment maintenance, and livestock movement.

NEW ENGLAND: Days suitable for fieldwork 6.2. Topsoil moisture 7% very short, 30% short, 62% adequate, and 1% surplus. Subsoil moisture 11% very short, 25% short, and 64% adequate. Pasture conditions 16% poor, 30% fair, 38% good, and 16% excellent. Maine Potatoes condition 37% fair, 33% good, and 30% excellent. Massachusetts Potatoes were <5% harvested, <5% 2010, <5% average; condition 4% poor, 31% fair, and 65% good. Rhode Island Potatoes were <5% harvested, <5% 2010, <5% average; condition 30% fair and 70% good. Maine Oats condition 37% fair, 58% good, and 5% excellent. Maine Barley condition 25% fair, 70% good, and 5% excellent. Field Corn condition 6% very poor, 10% poor, 33% fair, 45% good, and 6% excellent. Sweet Corn 100% planted, 100% 2010, 100% average; 99% emerged, 100% 2010, 99% average; 20% harvested, 35% 2010, 20% average, condition 3% poor, 28% fair,

65% good, and 4% excellent. Broadleaf Tobacco was <5% harvested, 10% 2010, 5% average, condition 4% poor, 20% fair, and 76% good. Shade Tobacco was 30% harvested, 35% 2010, 20% average; condition 18% fair and 82% good. First Crop Hay 95% harvested, 99% 2010, 90% average. Second Crop Hay was 45% harvested, 70% 2010, 40% average; condition 1% very poor, 6% poor, 29% fair, 54% good, and 10% excellent. Apples were <5% harvested, <5% 2010, <5% average; set of fruit was 10% below average, 81% average, and 9% above average; size of fruit was 7% below average, 88% average, and 5% above average; condition 1% very poor, 19% fair, 79% good, and 1% excellent. Peaches 15% harvested, 15% 2010, 15% average; set of fruit was 5% below average and 95% average; size of fruit was 4% below average, 95% average, and 1% above average; condition 6% poor, 25% fair, and 69% good. Pears set of fruit 2% below average, 97% average, and 1% above average; size of fruit was 1% below average and 99% average; condition 6% fair and 94% good. Strawberries 95% harvested, 100% 2010, 100% average. Massachusetts Cranberry set of fruit was average to above average; size of fruit was average; condition good to excellent. Highbush Blueberries 40% harvested, 50% 2010, 40% average; set of fruit was 3% below average, 82% average, and 15% above average; size of fruit was 5% below average, 88% average, and 7% above average; condition 22% fair, 67% good, and 11% excellent. Maine Wild Blueberry set of fruit was 50% below average and 50% average; size of fruit was 30% below average, 50% average, 20% above average; condition 25% poor, 50% fair, and 25% good. Monday was cooler than average with temperatures in the mid-70s. Light to heavy rain was observed across the region. Tuesday and Wednesday were slightly warmer in the upper 70s to low 80s with a few thunderstorms in the south on Tuesday. Thursday was cloudy for most of the region with temperatures in the mid-70s to low 80s. Friday turned rainy for a good portion of New England, but the temperatures remained steady in the mid-70s to low 80s. The weekend was warmer in the low 80s and low 90s with partly cloudy to sunny skies. The week's total rainfall ranged from 0.12 to 3.08 inches across the region. Farmers continued irrigating where it was available in spite of the showers, harvesting berries and some early vegetables, cutting hay, weeding, scouting for pests, cultivating, spraying, and fertilizing between rain showers.

NEW JERSEY: Days suitable for field work 6.5. Topsoil moisture 5% very short, 25% short, 70% adequate. Subsoil moisture 25% short, 75% adequate. Pasture and Range condition 5% poor, 70% fair, 25% good. There were measurable amounts of rainfall during the week in most localities. Temperatures were above normal across the Garden State. Crop conditions rated mostly fair for corn and soybeans as signs of heat-stress were apparent. Second and third hay-cuttings progressed, while wheat harvesting nearly finished. Producers continued harvesting summer vegetables and planting fall vegetables. Peaches approached mid-harvest with conditions rated mostly good. Minor quantities of apples were harvesting in the southern district. Other activities throughout the week included spraying pesticides, spreading fertilizer, and irrigating.

NEW MEXICO: Days suitable for fieldwork 6.8. Topsoil moisture 63% very short, 27% short and 10% adequate. Wind damage 13% light and 3% moderate. Alfalfa 6% very poor, 35% poor, 46% fair, 33% good and 3% excellent; third cutting 97% complete; fourth cutting 12% complete. Corn 1% very poor, 18% poor, 53% fair, 24% good and 4% excellent; 70% silked; 6% dough and 3% dent. Cotton 8% very poor, 31% poor, 29% fair, 16% good and 16% excellent; 90% squaring; 41% setting bolls. Total sorghum 31% very poor, 24% poor, 39% fair and 6% good; 7% headed. Peanuts 8% poor, 86% fair and 6% good; 50% pegging. Chile 2% poor, 68% fair, 17% good and 13% excellent; 28% light and 72% average pod set; 1% harvested. Onions 83% harvested. Pecans 1% poor, 17% fair and 82% good. Cattle 8% very poor, 51% poor, 33% fair and 8%. Sheep 23% very poor, 35% poor, 28% fair and 14% good. Range and pasture 53% very poor, 35% poor, 11% fair and 1% good. Average temperatures across the state were a few degrees above average for the week. Temperatures were generally warmest across the eastern quarter of the state. Larger precipitation amounts were reported across central, northern and northeastern parts of the state, with small amounts in

the remainder of the state. Some larger precipitation amounts included Santa Fe 1.26 inches, Capulin 1.14 inches, and Gran Quivira 1.07 inches, Animas 0.89 inches and Deming 0.76 inches.

NEW YORK: Days suitable for fieldwork 6.1. Soil moisture 27% very short, 37% short, 34% adequate, 2% surplus. Pasture conditions 15% very poor, 21% poor, 36% fair, 26% good, 2% excellent. Corn condition 15% poor, 34% fair, 43% good, 8% excellent. Soybean condition 10% poor, 36% fair, 47% good, 7% excellent. Hay condition 13% poor, 35% fair, 46% good, 6% excellent. Second cut alfalfa 88% complete, 88% average. Third cut alfalfa 6% complete, 32% average. First cut clover-timothy 99% complete. Second cut clover-timothy 74% complete, 80% average. Grass silage 99% complete. Winter Wheat 94% harvested, 97% 2010. Oats 15% harvested, 36% 2010. Potatoes 11% harvested, 10% 2010. Onion 13% harvested, 16% 2010; condition 3% poor, 10% fair, 87% good. Cabbage 12% harvested, 29% 2010; conditions 11% poor, 26% fair, 63% good. Sweet corn 16% harvested, 24% 2010; conditions 11% poor, 17% fair, 66% good, 6% excellent. Snap beans 11% harvested, 27% 2010; conditions 9% poor, 13% fair, 76% good, 2% excellent. Apple harvest 8% complete, 4% 2010; condition 2% poor, 76% fair, 18% good, 4% excellent. Grape condition 5% fair, 91% good, 4% excellent. Peach harvest 40% complete, 36% 2010; condition 1% poor, 30% fair, 53% good, 16% excellent. Sweet cherries 100% harvest complete; condition 32% poor, 8% fair, 48% good, 12% excellent. Tart cherry harvest 95% complete; condition 2% poor, 7% fair, 72% good, 19% excellent. Precipitation was slightly above average for most of the state, and still above the seasonal average. Temperatures averaged above normal, ranging from 92 to 51 degrees.

NORTH CAROLINA: Days suitable for field work 6.1. Soil moisture 16% very short, 40% short, 43% adequate and 1% surplus. The state received below normal precipitation and above normal average temperatures last week. Activities for the week included the harvesting of peaches, the second-cutting of hay and harvesting of flue-cured tobacco. Excessive heat and lack of significant rainfall this past week continues to affect all crops.

NORTH DAKOTA: Days suitable for fieldwork 5.5. Topsoil moisture 4% short, 64% adequate, 32% surplus. Subsoil moisture 2% short, 61% adequate, 37% surplus. Durum 92% jointed, 100% 2010, 100% avg.; 84% boot, 97% 2010, 99% avg.; 57% headed, 93% 2010, 95% avg.; 28% milk, 65% 2010, 75% avg.; 2% turning, 14% 2010, 41% avg.; condition 1% very poor, 2% poor, 25% fair, 59% good, 13% excellent. Canola 99% blooming, 100% 2010, 100% avg.; 19% turning, 50% 2010, 51% avg.; condition 2% poor, 15% fair, 63% good, 20% excellent. Dry edible beans 84% blooming, 95% 2010, 87% avg.; 29% setting pods, 60% 2010, 54% avg.; condition 1% very poor, 5% poor, 29% fair, 54% good, 11% excellent. Dry edible peas 96% flowering, 100% 2010, 100% avg.; 8% mature, 61% 2010, 73% avg.; condition 3% poor, 33% fair, 57% good, 7% excellent. Flaxseed 72% blooming, 94% 2010, 96% avg.; 7% turning, 8% 2010, 31% avg.; condition 4% poor, 21% fair, 64% good, 11% excellent. Potatoes 93% blooming, 100% 2010, 98% avg.; 60% rows filled, 88% 2010, 74% avg.; condition 4% very poor, 5% poor, 26% fair, 51% good, 14% excellent. Stockwater supply 2% short, 60% adequate, 38% surplus. Pasture and range condition 4% poor, 13% fair, 55% good, 28% excellent. Hay condition 3% very poor, 6% poor, 13% fair, 57% good, 21% excellent. Alfalfa hay first cutting 97% complete, second cutting 18% complete. Other hay cut 69% complete. Temperatures remained above average while scattered storms affected many areas of the state this week. Small grain development continued to progress quickly after late planting, leading many producers to begin preparations for harvest. Other activities during the week included spraying pesticides and equipment maintenance.

OHIO: Days suitable for fieldwork 5.6. Top soil moisture 10% very short, 25% short, 61% adequate, 4% surplus. Apple condition 6% very poor, 8% poor, 22% fair, 53% good, 11% excellent. Corn condition 3% very poor, 9% poor, 34% fair, 43% good, 11% excellent. Hay condition 3% very poor, 11% poor, 35% fair, 44% good, 7% excellent. Livestock condition 1% very poor, 6% poor, 25% fair, 58% good, 10% excellent. Oat condition 1% very poor, 10% poor, 56% fair, 30% good, 3% excellent. Peach condition 5% very poor, 7%

poor, 27% fair, 51% good, 10% excellent. Range and Pasture condition 6% very poor, 16% poor, 35% fair, 37% good, 6% excellent. Soybean condition 2% very poor, 8% poor, 35% fair, 46% good, 9% excellent. Corn silked (tasseled) 58%, 94% 2010, 86% avg.; in dough 5%, 28% 2010, 15% avg. Soybeans blooming 63%, 86% 2010, 85% avg.; setting pods 12%, 52% 2010, 41% avg. Oats ripe 90%, 99% 2010, 93% avg.; 40% harvested, 89% 2010, 57% avg. Alfalfa hay 2nd cutting 90%, 96% 2010, 92% avg.; 3rd cutting 14%, 41% 2010, 27% avg. Other hay 2nd cutting 64%, 78% 2010, 72% avg.; 3rd cutting 3%, 12% 2010, 8% avg. Summer Apples 40% harvested, 61% 2010, 47% avg. Peaches 40% harvested, 58% 2010, 39% avg. Cucumbers 39% harvested, 53% 2010, 38% avg. Potatoes 6% harvested, 21% 2010, 9% avg.

OKLAHOMA: Days suitable for fieldwork 6.5. Topsoil moisture 86% very short, 14% short. Subsoil moisture 82% very short, 17% short, 1% adequate. Wheat plowed 80% this week, 78% last week, 92% last year, 82% average. Rye plowed 81% this week, 79% last week, 91% last year, 83% average. Oats plowed 80% this week, 77% last week, 96% last year, 85% average. Corn condition 36% very poor, 32% poor, 29% fair, 3% good; dough 80% this week, 64% last week, 85% last year, 70% average; 37% dent this week, 19% last week, 41% last year, n/a average. Sorghum 48% headed this week, 45% last week, 59% last year, 34% average. Soybeans condition 42% very poor, 29% poor, 22% fair, 7% good; blooming 55% this week, 52% last week, 63% last year, 57% average; setting pods 10% this week, 7% last week, 24% last year, 23% average. Peanuts setting pods 31% this week, 18% last week, 52% last year, 55% average. Cotton 81% emerged this week, 79% last week, 100% last year, 100% average. Alfalfa condition 58% very poor, 27% poor, 12% fair, 3% good; 2nd cutting 88% this week, 87% last week, 100% last year, 99% average; 3rd cutting 22% this week, 17% last week, 90% last year, 82% average. Other hay condition 58% very poor, 27% poor, 12% fair, 3% good; 1st cutting 88% this week, 86% last week, 93% last year, 90% average; 2nd cutting 12% this week, 9% last week, 28% last year, 20% average. Watermelon 71% harvested this week, 55% last week, 52% last year, 58% average. Livestock condition 11% very poor, 23% poor, 42% fair, 23% good, 1% excellent. Pasture and range condition 57% very poor, 29% poor, 12% fair, 2% good. Livestock; Prices for feeder steers less than 800 pounds averaged \$135 per cwt. Prices for heifers less than 800 pounds averaged \$124 per cwt. Livestock conditions were rated mostly in the good to fair range.

OREGON: Days suitable for fieldwork 6.9. Topsoil moisture 5% very short, 43% short, 51% adequate, 1% surplus. Subsoil moisture 3% very short, 35% short, 60% adequate, 2% surplus. Alfalfa hay, second cutting 42%, 72% 2010, 84% average. Winter wheat 18% harvested, 38% 2010, 56% average. Barley 12% harvested, 28% 2010, 43% average. Spring wheat 90% headed, 99% 2010, 100% avg.; 7% harvested, 34% 2010, 45% average. Winter wheat condition 0% very poor, 2% poor, 17% fair, 61% good, 20% excellent. Spring wheat condition 0% very poor, 1% poor, 19% fair, 62% good, 18% excellent. Barley condition 0% very poor, 0% poor, 29% fair, 57% good, 14% excellent. Corn condition 0% very poor, 3% poor, 30% fair, 66% good, 1% excellent. Range and Pasture 6% very poor, 11% poor, 29% fair, 46% good, 8% excellent. Weather; Mostly warm and dry conditions for the week, with minimal spots of precipitation in various parts of the State. There was off and on cloud coverage with some cooler temperatures early in the week. Low temperatures ranged from 35 degrees in Christmas Valley to 56 degrees in Portland. High temperatures ranged from 66 degrees in Crescent City to 99 degrees in Ontario and Rome. The average temperature across the State of 66.7 degrees was 1.2 degrees below normal. The average precipitation level was 0.08 inches below normal this week, with an average across the State of 0.11 inches. Only 12 of the 43 stations reported a measurable amount of precipitation. Worden reported the highest amount of precipitation of 0.51 inches, followed by Christmas Valley with 0.29 inches. Field Crops; Grain crops were turning color as they continued to mature. Wheat harvest in the western part of the State was expected to begin soon. Wheat harvest in the eastern part of the State continued as growers selected the driest fields for harvest. Some spring wheat was harvested in Umatilla County. Grass seed harvest continued. Grass and alfalfa hay second

cuttings continued, with good to excellent quality reported. Potatoes were blooming. Vegetables; All vegetables were doing well with warmer weather, however still about 2 to 3 weeks behind normal development stages. Weeding continued. Sweet corn was growing rapidly, may catch-up to early plantings. Green bean harvest started in Clackamas County. Fruits and Nuts; Spotted Wing Drosophila made an aggressive attack on soft fruits in Douglas County. Those who did not apply insecticide really suffered. The filbert trees were loaded with nuts. Blackberries and raspberries were being harvested, and wild blackberries started to ripen. Marionberries started to mold with the moisture in Clackamas County. Rain damaged cherry orchards in Wasco and Hood River, and cherry fruit fly was seen in Lane County. Harvest of tart and sweet cherries continued, but the crop is less this year. Grapes were doing well, catching up. Nurseries and Greenhouses; Greenhouses were still doing clean up, maintenance and getting ready for fall activities. Nurseries were busy with care of new stock, with lots of watering, and feeding. Livestock, Range and Pasture; In most areas, pasture conditions remained good. More livestock continued to be moved onto pastures in southwestern Oregon. All livestock were now on irrigated pastures in Jackson County. In Washington County, pastures were drying, and supplemental feeding was required.

PENNSYLVANIA: Days suitable for fieldwork 6. Soil moisture 32% very short, 46% short, 22% adequate, and 0% surplus. Corn silked 75%, 86% pr. yr., 76%-5 yr. Corn at dough stage 12%, 20% pr. yr., 15% 5-yr. avg. Avg. Corn Height, 71 inches, 78 inches pr. yr., 74 inches avg. Oats yellow 91%, 97% pr. yr., 92% 5-yr. avg. Oats ripe 53%, 90% pr. yr., 66% 5-yr. avg. Oats harvest is 28% complete, 62% pr. yr., 35% 5-yr. avg. Alfalfa third cutting 53%, 61% pr. yr., 38% 5-yr. avg. Timothy/Clover second cutting, 59%, 78% pr. yr., 51% 5-yr. avg. Peach 27% harvest, 45% pr. yr., 35% 5-yr. avg. Apple 17% harvest, 17% pr. yr., 13% 5-yr. avg. Corn Condition 8% very poor, 23% poor, 39% fair, 23% good, 7% excellent. Oats condition 4% very poor, 21% poor, 38% fair, 34% good, 3% excellent. Soybean condition 2% very poor, 12% poor, 40% fair, 36% good, 10% excellent. Quality of Hay made 1% very poor, 4% poor, 30% fair, 39% good, 26% excellent. Pasture condition 36% very poor, 22% poor, 30% fair, 11% good, 1% excellent. Peaches Condition 0% very poor, 0% poor, 7% fair, 49% good, 44% excellent. Apples Condition 0% very poor, 13% poor, 17% fair, 51% good, 19% excellent.

SOUTH CAROLINA: Days suitable for fieldwork 6.4. Soil moisture 27% very short, 50% short, 23% adequate, 0% surplus. Corn 46% very poor, 32% poor, 16% fair, 6% good, 0% excellent. Soybeans 12% very poor, 29% poor, 41% fair, 18% good, 0% excellent. Oats 1% very poor, 3% poor, 18% fair, 72% good, 6% excellent. Tobacco 12% very poor, 18% poor, 32% fair, 37% good, 1% excellent. Livestock condition 2% very poor, 11% poor, 45% fair, 41% good, 1% excellent. Corn silked (tasseled) 100%, 100% 2010, 100% avg.; 98% doughed, 93% 2010, 89% avg.; 53% matured, 41% 2010, 32% avg. Soybeans bloomed 60%, 58% 2010, 52% avg.; pods set 11%, 23% 2010, 20% avg. Winter wheat 100% harvested, 100% 2010, 100% avg. Oats 100% harvested, 100% 2010, 100% avg. Tobacco 50% harvested, 50% 2010, 42% avg. Hay other hay 92%, 93% 2010, 86% avg. Peaches 82% harvested, 73% 2010, 69% avg. Snapbeans, fresh harvested 99%, 99% 2010, 100% avg. Watermelons 95% harvested, 95% 2010, 91% avg. Tomatoes, fresh harvested 99%, 99% 2010, 99% avg. Cantelopes 93% harvested, 92% 2010, 93% avg. Scattered showers brought some relief to moisture-starved crops in the period ending July 31st, 2011. Many areas of the State that badly needed rainfall received beneficial thunderstorms towards the beginning of the week as well as on Saturday and Sunday. These storms were scattered with some areas receiving intense periods of rainfall while other nearby areas received little to no rainfall. For example, Greer recorded 2.20 inches of rainfall on average for the week while nearby Anderson County recorded no measurable rainfall. The intense heat continued as well with many days registering above 100 degrees and temperatures seldom dipping below 80 degrees. While the areas that received rainfall did help topsoil conditions, overall soil moisture conditions were still deficient with reports of 27% very short, 50% short and 23% adequate. The State average temperature for the period was four degrees above normal. The State average rainfall for the period was 1.5 inches and there was an average of 6.4 days

suitable for fieldwork. Ninety-eight percent of corn had doughed while 53% of the crop had completed maturation. Corn maturation levels were 21 points ahead of the 5 year average. Even with the rainfall in the past week, many farmers were reporting the crop beyond repair and seeing very poor yields. Ninety-one percent of the cotton crop had squared and 59% had set bolls by the end of the week, ahead of schedule based on historical figures. Eighty-eight percent of peanuts had pegged, 7 points behind last year's pace. Sixty percent of soybeans had bloomed with 11% of the crop setting pods by the end of the week. Tobacco harvest continued with 50% of the crop harvested by week's end, on pace with last year's harvest. Ninety-nine percent of snapbeans and tomatoes had been harvested, on pace with historical figures. Ninety-three percent of cantelopes and 95% of watermelons had been harvested.

SOUTH DAKOTA: Days suitable for fieldwork 5.4. Topsoil moisture 1% very short, 13% short, 69% adequate, 17% surplus. Subsoil moisture 1% very short, 10% short, 65% adequate, 24% surplus. Winter wheat ripe 98%, 100% 2010, 96% avg.; 1% poor, 27% fair, 58% good, 14% excellent. Barley 98% headed, 100% 2010, 100% avg.; turning color 77%, 97% 2010, 95% avg.; ripe 9%, 55% 2010, 63% avg.; 1% harvested, 20% 2010, 26% avg.; 5% poor, 18% fair, 64% good, 13% excellent. Oats turning color 85%, 97% 2010, 96% avg.; ripe 45%, 72% 2010, 74% avg. Spring wheat turning color 91%, 97% 2010, 97% avg.; wheat ripe 33%, 71% 2010, 65% avg.; 11% harvested, 27% 2010, 31% avg. Corn cultivated or sprayed twice 94%, 89% 2010, 95% avg. Corn tasseled 84%, 89% 2010, 81% avg. Sunflower blooming 11%, 13% 2010, 18% avg. Sunflower 1% poor, 28% fair, 62% good, 9% excellent. Alfalfa hay 2nd cutting harvested 74%, 69% 2010, 75% avg.; 3rd cutting 5% harvested, 6% 2010, 8% avg.; 1% very poor, 2% poor, 18% fair, 60% good, 19% excellent. Other hay 85% harvested, 87% 2010, 86% avg. Feed supplies 1% short, 85% adequate, 14% surplus. Stock water supplies 3% short, 71% adequate, 26% surplus. Cattle condition 1% poor, 14% fair, 69% good, 16% excellent. Sheep condition 2% poor, 13% fair, 67% good, 18% excellent. The warm, humid weather conditions continue to push crop development along, but the weather conditions are causing some crops to show some stress. Major activities this week included; spraying weeds, scouting for pest, harvesting small grains and hay, baling straw, and trying to keep livestock cool.

TENNESSEE: Days suitable for fieldwork 6. Topsoil moisture 9% very short, 36% short, 54% adequate, 1% surplus. Subsoil moisture 7% very short, 30% short, 63% adequate. Pastures 1% very poor, 11% poor, 36% fair, 46% good, 6% excellent. Tobacco 37% topped, 41% 2010, 39% average; 3% poor, 22% fair, 59% good, 16% excellent. The corn, cotton, soybean, and tobacco crops in Tennessee remain in mostly good-to-excellent condition in spite of the excessive heat and spotty rainfall. Some early planted corn acres are maturing rapidly, but overall the crop is progressing at a near normal rate. Soybeans are setting pods at a pace about a week behind the five-year average and are in need of moisture. Cotton is setting bolls at a pace also one week behind the five-year average. Pasture growth has stalled due to hot, dry conditions. The main farm activities last week included harvesting hay and silage, topping tobacco, and applying pesticides.

TEXAS: Areas of South East Texas received up to 5 inches of rainfall, the Northern High Plains and the Trans-Pecos received up to 2 inches of rainfall, while the rest of the state observed scattered showers. Row Crops Producers concentrated irrigation on cotton while abandoning marginal corn acres due to water shortages in areas of the Plains. Producers sprayed for mites in areas of the Northern High Plains. Irrigated cotton progressed well in areas of the Low Plains; however, producers began to ration irrigation due to high input costs. Peanut pegging in areas of the Northern Low Plains suffered due to drought conditions; however, peanut pegging under irrigation progressed well in areas of South Texas. Due to drought conditions in areas of the Blacklands, non-irrigated corn and soybeans were baled for hay. Corn and sorghum harvest were in full swing in areas of the Blacklands and South Texas. Cotton set bolls in areas of the Upper Coast. Cotton progressed well in areas of the Lower Valley due to earlier rainfall. Fruit, Vegetable and Specialty Crop Report; Blackberry and blueberry harvest neared completion in

areas of North East Texas. Pecan trees prematurely dropped nuts in areas of the Trans-Pecos due to hot and dry conditions. Livestock, Range and Pasture Report; Supplemental feeding of mineral to livestock continued across the state due to forage shortages. Livestock culling remained active across the state due to depleted sources of water and hay. Calves died in some areas of South Texas due to very hot temperatures. Aquaculture suffered in areas of the Cross Timbers due to oxygen depletion in ponds. Pastures and hay meadows suffered due to feral hog activity and increasing grasshopper infestations in areas of North East Texas. Winter forages were in need of rainfall for growth across most areas of the state. Tropical Storm Don provided less relief than was anticipated for native range and pastures.

UTAH: Days suitable for field work 6. Subsoil moisture 0% very short, 12% short, 88% adequate, 0% surplus. Irrigation water supplies 0% very short, 6% short, 80% adequate, 14% surplus. Winter wheat 20% harvested, 21% 2010, 36% avg.; condition 1% very poor, 1% poor, 29% fair, 56% good, 13% excellent. Spring wheat 92% headed, 100% 2010, 99% avg.; 1% harvested, 9% 2010, 17% avg.; 0% very poor, 2% poor, 16% fair, 61% good, 21% excellent. Barley harvested (grain) 9%, 11% 2010, 24% avg.; condition 0% very poor, 1% poor, 12% fair, 63% good, 24% excellent. Oats 93% headed, 92% 2010, 94% avg. Oats harvested for Hay or Silage 70%, 81% 2010, 81% avg. Corn silked (tasseled) 15%, 39% 2010, 51% avg.; condition 1% very poor, 5% poor, 34% fair, 56% good, 4% excellent. Alfalfa hay 2nd cutting 57%, 60% 2010, 71% avg. Other hay cut 91%, 87% 2010, 85% avg. Cattle and calves condition 0% very poor, 0% poor, 8% fair, 75% good, 17% excellent. Sheep condition 0% very poor, 0% poor, 7% fair, 72% good, 21% excellent. Stock water supplies 0% very short, 5% short, 87% adequate, 8% surplus. Apricots 78% harvested, 75% 2010, 88% avg. Sweet cherries 87% harvested, 91% 2010, 95% avg. Tart cherries 46% harvested, 53% 2010, 73% avg. Days suitable for field work averaged 6.2. Thunderstorms and monsoonal rains slowed fieldwork last week. Soil moisture content increased from the previous week. Topsoil moisture 18% short and 80% adequate, and 2% surplus. Corn in Box Elder County is growing rapidly due to the favorable weather; however, crop development is still slower than normal when compared to previous years. Farmers are hoping the corn will mature before the first frost. Winter wheat harvest is underway. Dryland farmers are reporting good yields but low protein content. Alfalfa hay producers are still working on the second cutting. Some hay is down and will suffer quality losses due to the rain. Most of the second cutting appears to be good quality and average yield. Onion producers report that the crop is doing very well. Some late planted fields are still behind in development and will need a long fall to reach maturity. Safflower is in bloom in most parts of the county. Some irrigated safflower looks very good in the Bothwell area. The apricot harvest is underway, and the quality of the fruit looks good. Grasshoppers have been reported in the county. In Utah County the sweet cherry harvest is underway. Sweet cherry production is low due to early frosts. Many Cache County growers have been working hard during the past week cutting the second crop of hay. One inch of rain put a stop to harvest activities for a few days last week. Corn has been growing well with the warmer days. Wheat and barley are starting to turn, although harvest is not expected to begin for at least two more weeks. Safflower is flowering and most fields look very good. Grasshopper numbers have been increasing. Duchesne County continued to receive rain in the afternoons last week. Rain has been very good for the grass and summer pastures, but has provided a problem for farmers trying to harvest hay. The corn crop is growing very well although it is behind normal due to late planting. Corn and alfalfa are in good condition in Beaver County. The Mormon cricket infestation is improving but farmers are still having major problems with grasshoppers. The second crop of hay was rained on in Iron County. Alfalfa hay in Wayne and Piute Counties was also damaged by rain. Livestock in Box Elder County are in good condition. One sheep producer reported that sheep losses due to coyotes and other predators are higher than previous years. Pasture conditions are excellent. Pastures and rangeland in Cache County are still good in condition, with adequate forage for livestock. Range and livestock conditions remain excellent in Utah,

Beaver, and Carbon Counties. Many producers in Iron County believe the high elevation ranges have never looked better in their lifetimes.

VIRGINIA: Days suitable for fieldwork 6.4. Topsoil moisture 18% very short, 36% short, 43% adequate, 3% surplus. Subsoil moisture 14% very short, 39% short, 46% adequate, 1% surplus. Pasture 7% very poor, 19% poor, 32% fair, 40% good, 2% excellent. Livestock 2% very poor, 5% poor, 24% fair, 54% good, 15% excellent. Other hay 8% very poor, 12% poor, 34% fair, 44% good, 2% excellent. Alfalfa hay 1% very poor, 8% poor, 31% fair, 53% good, 7% excellent. Corn 90% silked; 95% 2010; 90% 5-yr avg.; 50% dough; 68% 2010; 56% 5-yr avg.; 20% dent, 38% 2010; 22% 5-yr avg.; 3% very poor, 10% poor, 31% fair, 44% good, 12% excellent. Soybeans blooming 51%; 59% 2010; 49% 5-yr avg.; setting pods 21%; 18% 2010; 15% 5-yr avg.; 7% poor, 35% fair, 46% good, 12% excellent. Tobacco Flue-cured 11% harvested; 10% 2010; 11% 5-yr avg.; 3% poor, 54% fair, 31% good, 12% excellent. Tobacco Burley 2% poor, 14% fair, 75% good, 9% excellent. Tobacco Dark fire-cured 5% poor, 58% fair, 32% good, 5% excellent. Peanuts Pegged 77%; 59% 2010; 79% 5-yr avg.; 34% fair, 43% good, 23% excellent. Cotton squaring 100%; 88% 2010; 93% 5-yr avg.; setting bolls 68%; 61% 2010; 70% 5-yr avg.; 13% fair, 67% good, 20% excellent. Summer Potatoes 89% harvested; 93% 2010; 78% 5-yr avg.; 50% fair, 50% good. Summer Apples 40% harvested; 50% 2010; 37% 5-yr avg. Apples All 13% fair, 65% good, 22% excellent. Peaches 40% harvested; 50% 2010; 46% 5-yr avg.; 8% poor, 21% fair, 61% good, 10% excellent. Grapes 8% fair, 91% good, 1% excellent. Extremely hot weather conditions dried up pastures and hay land throughout the state of Virginia. Corn is stressed along with soybeans due to the heat and lack of moisture. Most early planted corn has dented. Dairy farmers are preparing to harvest corn silage. Tobacco farmers are topping their crop and irrigation is taking place where there is water availability and room in the budgets. Peanuts are starting to peg. Cotton is dropping squares and bolls in some fields due to heat. Vegetable growers continued to harvest sweet corn, tomatoes, melons, eggplant, peppers, and other summer crops. Pumpkins are growing and beginning to vine up in some areas.

WASHINGTON: Days suitable for fieldwork 6.8. Topsoil moisture 2% very short, 24% short, 65% adequate, and 9% surplus. Winter wheat harvest was still several weeks behind schedule. Walla Walla County harvested the most at about 25 percent completed. Spring grains were maturing slowly statewide, with Whitman County spring wheat harvest as much as six weeks away. The second cutting of alfalfa was keeping producers in eastern counties busy. In Kittitas County, alfalfa quality was good with above average tonnage. Bing and Rainier cherry harvest continued in the upper Yakima Valley while growers in the lower to mid-Valley harvested the later-maturing varieties. There were localized reports of cherry cracking. Early crop peaches and nectarines were harvested. Pears and plums were sizing up and adding color. Red and Golden Delicious apples measured between 2.25 to 2.7 inches in diameter in Yakima County. Some older fruit trees in Chelan County were showing damage from the November 2010 cold snap; previously only the younger trees showed damage. Raspberry and blueberry harvest were in full swing in Whatcom County. Range and pasture conditions 1% very poor, 7% poor, 26% fair, 43% good and 23% excellent. Pasture conditions were decreasing as dry hot weather was seen statewide. About one fourth of pasture land was still in excellent condition which was quite high compared to only 4 percent excellent on the five year average.

WEST VIRGINIA: Days suitable for field work 6. Topsoil moisture 7% very short, 48% short, 43% adequate, and 2% surplus compared to 12% very short, 42% short, 45% adequate, and 1% surplus last year. Corn conditions 8% very poor, 8% poor, 33% fair, 47% good, and 4% excellent; 60% silked, 82% 2010, 69% 5-yr avg.; doughing 7%, 29% 2010, 8% 5-year avg. Soybeans conditions 2% poor, 26% fair, 71% good, and 1% excellent; 62% blooming, 80% 2010, 61% 5-yr avg.; setting pods 20%, 55% 2010, and 25% 5-year avg. Winter wheat 95% harvested, comparison data not available. Hay was reported 3% very poor, 9% poor, 24% fair, 56%

good and 8% excellent. Hay second cutting was 43% complete, 36% 2010, and 31% 5-year avg. Apple conditions were 10% poor, 36% fair, 51% good, and 3% excellent. Peaches were 10% poor, 47% fair, 42% good, and 1% excellent. Peaches were 34% harvested, comparison data not available. Cattle and calves were 5% poor, 20% fair, 68% good, and 7% excellent. Sheep and lambs were 4% poor, 20% fair, 73% good, and 3% excellent. Dry, hot weather continued throughout the Mountain State causing pasture and corn growth to delay in some regions. Some cattle farmers were busy with late summer vaccinations and participated in calf sales.

WISCONSIN: Days suitable for fieldwork 4.3. Topsoil moisture 2% very short, 11% short, 75% adequate, and 12% surplus. Oats 18% harvested, 40% 2010, 31% 5-yr. avg.; condition 1% very poor, 4% poor, 17% fair, 60% good, and 18% excellent. Corn average height 78 in., 81 in. 2010, 78 in. 5-yr. avg.; silked 72%, 87% 2010, 67% 5-year avg.; dough stage 5%, 14% 2010, 6% 5-year avg.; condition 2% very poor, 4% poor, 13% fair, 54% good, 27% excellent. Soybeans 71% blooming, 79% 2010, and 75% 5-yr. avg.; 24% setting pods, 35% 2010, 35% 5-yr avg.; condition 1% very poor, 3% poor, 15% fair, 55% good and 26% excellent. Winter wheat condition 1% very poor, 3% poor, 15% fair, 52% good and 29% excellent. Pasture condition 2% very poor, 7% poor, 28% fair, 51% good and 12% excellent. Second crop hay 91% harvested, 82% 2010, 86% 5-yr. avg.; 13% harvested, 15% 2010, 10% 5-yr. avg. Ample precipitation this past week helped to accelerate crop growth after a prolonged spell of high temperatures and dry conditions. Despite putting a stop to fieldwork, including the cutting of second crop hay, the rains proved especially beneficial in helping late planted corn catch up and in soybean maturity. The moisture was welcomed but adequate precipitation during the month of August will be needed. Across the reporting stations, average temperatures last week were normal to 4 degrees above normal. Average high temperatures ranged from 82 to 85 degrees, while average low temperatures ranged from 62 to 69 degrees. Precipitation totals ranged from 1.20 inches in La Crosse to 2.89 inches in Green Bay.

WYOMING: Days suitable for field work 6.70. Topsoil moisture 1% very short, 32% short, 62% adequate, 5% surplus. Subsoil moisture 5% very short, 26% short, 68% adequate, 1% surplus. Barley progress 95% boot, 80% headed, 71% turning color, 48% mature. Oats progress 94% boot, 73% headed, 44% turning color, 31% mature. Spring wheat progress 73% headed, 33% turning color, 13% mature. Winter wheat progress 85% mature, 35% harvested. Dry bean progress 77% bloom, 46% setting pods. Corn progress 73% tasseled, 15% silked. Corn avg height 69 inches. Alfalfa harvested, 1st cutting 91%. Alfalfa harvested, 2nd cutting 20%. Other hay harvested 61%. Barley condition 2% poor, 20% fair, 74% good, 4% excellent. Oat condition 23% fair, 74% good, 3% excellent. Spring wheat condition 28% fair, 59% good, 13% excellent. Winter wheat condition 22% fair, 77% good, 1% excellent. Corn condition 17% fair, 82% good, 1% excellent. Dry bean condition 3% poor, 39% fair, 54% good, 4% excellent. Sugar beet condition 36% fair, 60% good, 4% excellent. Alfalfa condition 3% poor, 14% fair, 77% good, 6% excellent. Other hay condition 16% fair, 81% good, 3% excellent. Crop insect infestation 48% none, 22% light, 28% moderate, 2% severe. Range and pasture condition 4% poor, 18% fair, 70% good, 8% excellent. Stock water supplies 7% short, 92% adequate, 1% surplus. Late summer conditions persist across the state, with above normal temperatures last week. Cool season grasses have become dormant in counties such as Converse and the hot weather experienced in Platte County is helping row crops to progress quickly, although they are still about two weeks behind compared to normal progress. Weston County reported additional prairie fires due to lightning and are enduring high fire dangers due to dried out range and grasses. On the other hand, a few areas of the state have more moisture than they need, such as Lincoln and Uinta Counties. Hay meadows in Uinta County remain wet or have standing water where flood waters have now receded. Insects, specifically grasshoppers, are beginning to cause concern in counties such as Hot Springs, Crook, and Natrona. Activities checking livestock, fencing, irrigating, haying.

International Weather and Crop Summary

July 24-30, 2011

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

EUROPE: Cool, wet weather further hampered small grain harvesting but maintained adequate to abundant soil moisture for summer crops.

FSU-WESTERN: Showers continued in western growing areas, while hot, dry conditions lingered over southern and eastern crop districts.

FSU-EASTERN: Showers and thunderstorms maintained favorable prospects for filling spring wheat.

MIDDLE EAST: Seasonably dry weather favored winter crop harvesting and cotton development, although some showers fell in northwestern Iran.

EAST ASIA: Widespread showers benefited reproductive crops across China, while flooding occurred on the Korean Peninsula.

SOUTHEAST ASIA: Tropical Cyclone Nock-Ten brought flooding to rice in the northern Philippines.

AUSTRALIA: Showers continued to favor wheat, barley, and canola development in Western Australia, while drier weather further reduced moisture supplies in the east.

ARGENTINA: Lingering showers in eastern farming areas slowed fieldwork but sustained moisture reserves for winter grain establishment.

BRAZIL: Rain continued in much of the south, but drier weather aided corn harvesting in northern Parana.

MEXICO: Beneficial rain continued throughout the south and in northwestern watersheds.

CANADIAN PRAIRIES: Warm, mostly dry weather promoted development of late-planted spring grains and oilseeds in the east.

EASTERN CANADA: Showers brought some relief from dryness to southwestern Ontario.

**July 2011
MONTHLY DATA FROM SELECTED FOREIGN CITIES
CLIMATE PREDICTION CENTER-NCEP-NWS-NOAA**

*** DATA NOT AVAILABLE

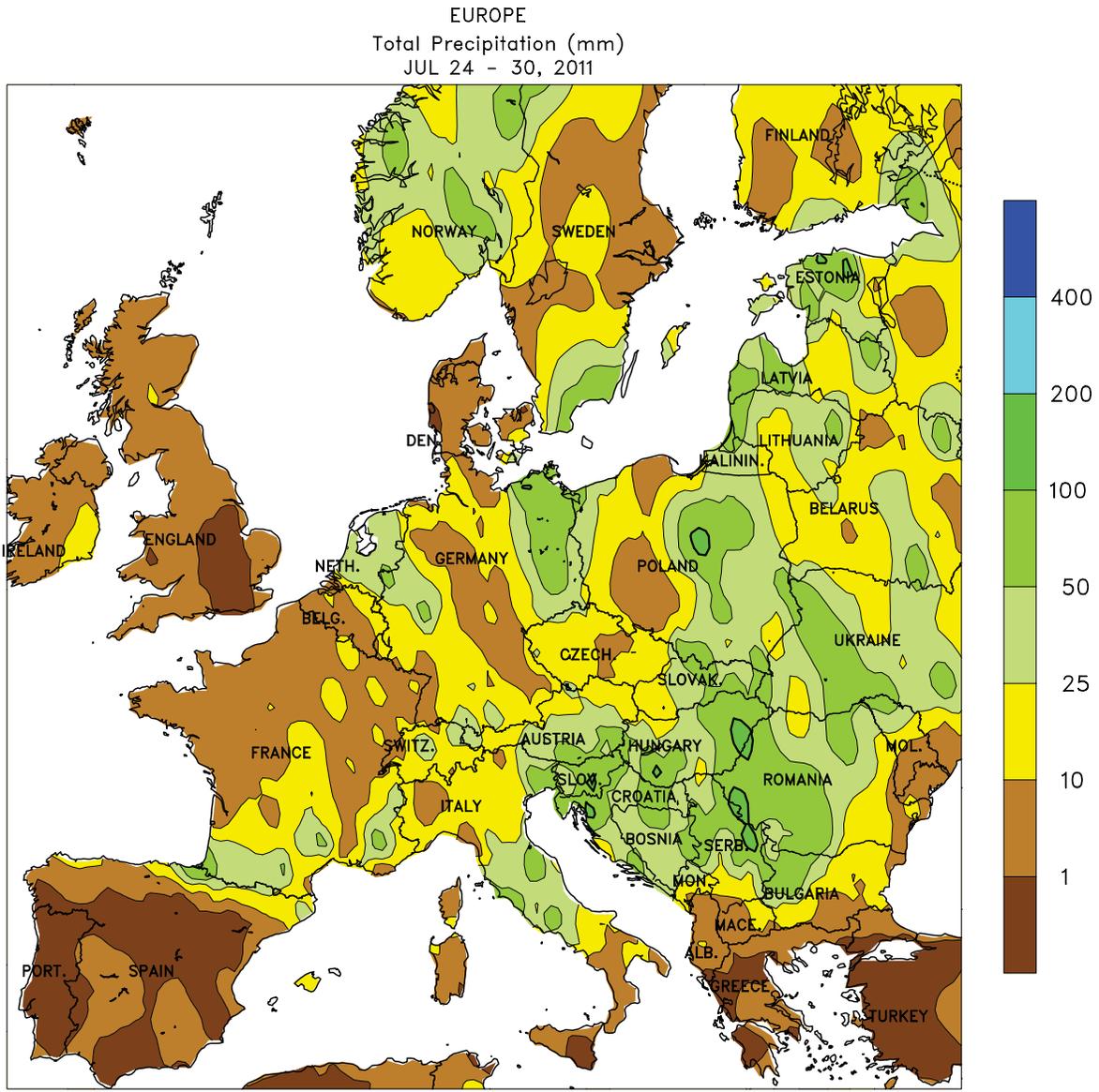
COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
	AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL	DPART F/NRM
NORWAY OSLO	21	13	27	7	17	1	112	38
FINLAN HELSINKI	25	17	31	10	21	3.7	52	-19
UKINGD ABERDEEN	16	10	20	3	13	-0.8	80	22
LONDON	22	13	26	10	17	-1.4	49	7
IRELAN DUBLIN	18	10	22	5	14	-1.5	41	-9
ICELAN REYKJAVIK	***	***	17	10	***	***	***	***
DENMAR COPENHAGEN	21	15	27	12	18	0.7	155	105
LUXEMB LUXEMBOURG	21	12	29	8	17	-1	53	-19
SWITZE ZURICH	22	13	31	9	17	-0.9	200	75
GENEVA	23	12	31	8	18	-1.8	102	29
FRANCE PARIS/ORLY	23	13	30	9	18	-2.1	73	20
STRASBOURG	23	13	33	8	18	-1.5	102	34
BOURGES	24	14	31	9	19	-0.9	84	24
BORDEAUX	25	15	32	11	20	-0.6	60	5
TOULOUSE	26	16	35	12	21	-0.7	78	31
MARSEILLE	28	18	33	14	23	-0.9	88	75
SPAIN VALLADOLID	29	13	34	9	21	-0.7	0	-18
MADRID	32	16	35	12	24	-0.7	0	-12
SEVILLE	36	21	40	17	29	0.7	0	***
PORTUG LISBON	27	17	34	15	22	-0.3	0	-5
GERMAN HAMBURG	21	13	27	10	17	-0.5	87	13
BERLIN	22	14	30	11	18	-1	183	128
DUSSELDORF	22	12	30	8	17	-2.1	80	7
LEIPZIG	22	13	30	8	17	-0.9	155	97
DRESDEN	21	13	29	9	17	-1.2	189	100
STUTT GART	22	13	30	8	17	-1.3	120	39
NURNBERG	22	12	28	6	17	-1.8	143	69
AUGSBURG	22	11	29	5	16	-1.8	108	11
AUSTRI VIENNA	24	15	34	11	19	-0.9	63	9
INNSBRUCK	23	12	33	6	17	-0.6	109	-27
CZECHR PRAGUE	22	12	30	7	17	-0.7	146	73
POLAND WARSAW	23	15	28	9	19	0.5	294	223
LODZ	22	14	28	8	18	-0.3	107	19
KATOWICE	22	14	29	9	18	-0.4	134	33
HUNGAR BUDAPEST	26	16	37	10	21	-0.2	69	11
YUGOSL BELGRADE	29	19	38	13	24	2.4	104	32
ROMANI BUCHAREST	30	16	36	10	23	0.9	65	5
BULGAR SOFIA	29	15	35	8	22	1.2	108	60
ITALY MILAN	28	18	32	15	23	-0.4	50	-11
VERONA	29	17	34	12	23	-0.7	63	1
VENICE	28	19	33	15	23	-0.3	58	-3
GENOA	26	21	30	15	23	-1.2	26	4
ROME	28	19	34	15	23	-0.6	20	7
NAPLES	29	20	35	16	25	0.1	55	28
GREECE THESSALONIKA	33	21	38	16	27	1	1	-22
LARISSA	35	20	41	16	27	0.6	0	-20
ATHENS	34	23	39	20	29	0.7	0	-7
TURKEY ISTANBUL	31	23	35	18	27	2.8	4	-22
ANKARA	31	14	36	8	22	1.9	19	0
CYPRUS LARNACA	33	23	37	19	28	0.8	0	***
ESTONI TALLINN	24	16	31	10	20	3.5	117	42
RUSSIA ST.PETERSBURG	27	19	32	15	23	4.5	72	-6
LITHUA KAUNAS	25	15	31	9	20	2.7	146	65
BELARU MINSK	25	17	30	11	21	2.9	145	36
RUSSIA KAZAN	28	19	33	14	23	3.9	92	24
MOSCOW	29	18	34	14	23	5	71	-16
YEKATERINBURG	24	15	33	8	20	1.1	80	-11
OMSK	23	13	31	6	18	-1.8	81	24
KAZAKH KUSTANAY	27	15	33	9	21	0.3	40	-16
RUSSIA BARNAUL	24	12	32	7	18	-1.5	43	-24
KHABAROVSK	28	19	32	14	24	2.5	106	-20
VLADIVOSTOK	21	16	29	13	19	0.8	95	-39
UKRAIN KIEV	27	18	32	9	22	2.6	152	67
LVOV	24	15	32	9	19	1.7	190	95
KIROVOGRAD	29	17	35	11	23	2.3	42	-13
ODESSA	28	20	34	14	24	2	30	-16
KHARKOV	29	20	36	15	24	3.8	131	66
RUSSIA VOLGOGRAD	35	21	41	18	28	5.1	10	-21
ASTRAKHAN	35	21	41	14	28	2.7	8	-25
ORENBURG	33	18	40	11	25	3.5	28	-11

Based on Preliminary Reports

July 2011

COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)			COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
	AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL	DPART F/NRM		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL	DPART F/NRM
KAZAKH TSELINOGRAD	26	15	31	9	20	-0.8	108	62	S AFRI DURBAN	21	12	25	7	16	-0.6	106	57
KARAGANDA	26	14	33	8	20	-0.6	44	8	CAPE TOWN	19	7	27	2	13	1.1	26	-61
UZBEKI TASHKENT	37	20	42	15	28	0.3	1	-2	CANADA TORONTO	30	19	38	13	24	3.6	32	-42
TURKME ASHKHABAD	39	23	42	19	31	-0.4	0	-37	MONTREAL	29	18	36	13	23	2.1	56	-35
SYRIA DAMASCUS	39	19	44	15	29	2.0	0	***	WINNIPEG	28	14	34	6	21	1.6	11	-58
PAKIST KARACHI	34	28	39	25	31	0.7	7	-65	REGINA	26	13	33	7	20	1.0	0	-65
INDIA AMRITSAR	35	27	39	22	31	0.2	179	-15	SASKATOON	25	12	32	8	19	0.4	0	-60
NEW DELHI	35	28	39	26	31	0.3	114	-99	LETHBRIDGE	25	10	31	4	17	-0.5	0	-47
AHMEDABAD	34	26	39	24	30	0.6	302	30	CALGARY	23	10	29	6	17	0.4	108	43
INDORE	30	22	35	21	26	-0.5	231	-63	EDMONTON	22	12	28	8	17	-0.5	114	29
CALCUTTA	33	27	37	24	30	0.5	358	12	VANCOUVER	21	13	25	10	17	-0.2	38	-2
VERAVAL	30	26	33	24	28	-0.2	407	149	MEXICO GUADALAJARA	26	17	29	15	22	0.4	172	-85
BOMBAY	30	25	32	24	28	-0.4	1363	617	TLAXCALA	22	13	26	10	17	-0.2	92	-63
POONA	29	22	31	21	25	0.1	216	40	ORIZABA	25	17	28	14	21	0.9	607	185
BEGAMPET	32	22	36	20	27	0.1	243	89	BERMUD ST GEORGES	29	25	30	22	27	-0.2	122	1
VISHAKHAPATNAM	31	26	35	24	29	-0.4	209	87	BAHAMA NASSAU	33	27	35	22	30	1.7	74	-63
MADRAS	36	26	38	23	31	0.0	169	52	CUBA HAVANA	32	23	34	22	28	0.8	200	91
MANGALORE	28	23	31	21	26	-0.2	1157	141	JAMAIC KINGSTON	32	26	34	23	29	-0.4	128	92
HONGKO HONG KONG INT	33	28	36	26	30	1.3	179	-190	P RICO SAN JUAN	31	25	33	23	28	0.0	283	177
N KORE PYONGYANG	29	22	33	19	25	1.0	443	154	GUADEL RAIZET	31	24	32	23	28	-0.2	329	230
S KORE SEOUL	28	23	34	19	25	-0.1	1136	801	MARTIN LAMENTIN	31	25	33	23	28	1.1	339	161
JAPAN SAPPORO	26	19	31	14	23	1.9	130	62	BARBAD BRIDGETOWN	31	25	32	22	28	0.3	295	164
NAGOYA	32	24	36	21	28	2.0	265	44	TRINID PORT OF SPAIN	33	24	35	23	29	1.9	276	23
TOKYO	31	25	35	18	28	2.4	57	-105	COLOMB BOGOTA	19	9	21	7	14	1.0	42	6
YOKOHAMA	31	24	34	18	27	2.1	74	-88	VENEZU CARACAS	32	25	34	23	28	1.5	47	-6
KYOTO	33	25	37	21	29	1.3	142	-66	F GUIA CAYENNE	31	23	33	21	27	1.2	201	-46
OSAKA	32	25	35	23	28	1.0	148	-9	BRAZIL FORTALEZA	29	23	30	21	26	-1.1	97	41
THAILA PHITSANULOK	33	25	35	24	29	-0.3	276	86	RECIFE	27	22	28	21	25	-1.4	471	217
BANGKOK	33	26	37	24	30	0.3	318	157	CAMPO GRANDE	28	17	33	8	23	1.2	0	-21
MALAYS KUALA LUMPUR	33	25	36	23	29	2.2	117	-13	FRANCA	26	15	28	12	20	1.7	1	-16
VIETNAM HANOI	34	27	39	25	31	0.7	257	0	RIO DE JANEIRO	26	17	33	12	21	0.0	11	-35
CHINA HARBIN	29	21	33	16	25	1.6	141	13	LONDRINA	25	13	31	6	19	2.2	102	27
HAMI	37	19	43	12	28	1.4	2	-6	SANTA MARIA	18	9	30	-1	14	-0.8	158	2
LANCHOW	***	***	32	16	***	***	***	***	TORRES	17	11	23	2	14	-4.9	266	172
BEIJING	32	23	36	20	28	1.1	249	64	PERU LIMA	19	17	22	16	18	0.7	4	-1
TIENTSIN	32	23	36	20	28	0.6	181	25	BOLIVI LA PAZ	13	-4	16	-8	5	-0.8	8	0
LHASA	23	12	26	9	17	1.2	195	74	CHILE SANTIAGO	15	1	25	-3	8	-0.3	23	-38
KUNMING	26	17	28	15	22	1.4	110	-89	ARGENT IGUAZU	22	12	30	1	17	0.8	221	147
CHENGCHOW	34	25	39	20	29	2.4	86	-71	FORMOSA	22	11	31	1	17	0.1	80	38
YECHANG	34	25	39	21	30	1.8	211	0	CERES	19	6	32	-3	12	0.4	10	-7
HANKOW	33	26	37	20	29	0.3	88	-99	CORDOBA	18	4	28	-4	11	0.7	0	-12
CHUNGKING	34	25	39	20	30	1.5	60	-90	RIO CUARTO	16	3	24	-5	10	0.3	0	-18
CHIHKIANG	34	23	39	20	29	1.4	5	-125	ROSARIO	17	4	29	-4	10	-0.3	12	-19
WU HU	33	26	38	22	30	1.4	264	99	BUENOS AIRES	15	4	24	-5	10	0.1	66	14
SHANGHAI	34	28	37	25	31	2.2	105	-40	SANTA ROSA	15	1	23	-6	8	0.4	29	9
NANCHANG	34	27	38	25	31	1.3	93	-51	TRES ARROYOS	14	4	21	-3	9	1.4	36	-3
TAIPEI	34	27	36	25	31	0.7	268	10	MARSHA MAJUJO	30	26	31	24	28	0.6	368	48
CANTON	33	25	37	24	29	0.5	360	138	NEW CA NOUMEA	23	19	27	16	21	0.9	68	-1
NANNING	33	25	36	24	29	0.7	103	-114	FIJI NAUSORI	28	20	30	17	24	1.5	260	150
CANARY LAS PALMAS	27	21	32	20	24	0.6	0	***	SAMOA PAGO PAGO	30	25	31	23	28	1.1	59	-87
MOROCC CASABLANCA	26	21	40	18	23	0.9	1	0	TAHITI PAPEETE	29	22	30	20	26	0.8	20	-34
MARRAKECH	37	20	45	17	29	0.3	0	-1	PNEWGU PORT MORESBY	28	24	31	20	26	0.5	0	-25
ALGERI ALGER	33	20	41	16	27	2.4	1	-5	NZEALA AUCKLAND	15	8	18	2	12	***	103	***
BATNA	36	18	42	14	27	0.9	8	-3	WELLINGTON	12	8	16	1	10	***	72	***
TUNISI TUNIS	34	23	42	19	29	2.2	0	-3	AUSTRA DARWIN	30	21	33	19	26	0.7	0	***
NIGER NIAMEY	36	26	40	22	31	2.0	80	-65	BRISBANE	20	11	23	5	15	0.5	17	-42
MALI TIMBUKTU	***	***	44	23	***	***	***	***	PERTH	18	8	22	0	13	0.3	147	-6
BAMAKO	***	***	34	20	***	***	***	***	CEDUNA	18	10	26	1	14	2.0	46	5
MAURIT NOUAKCHOTT	31	25	39	24	28	0.7	21	8	ADELAIDE	15	9	22	1	12	0.9	85	21
SENEGA DAKAR	30	26	33	23	28	1.1	21	-55	MELBOURNE	14	8	19	-1	11	1.3	31	-6
LIBYA TRIPOLI	***	***	36	20	***	***	***	***	WAGGA	13	5	18	-3	9	1.5	46	-12
EGYPT CAIRO	35	24	38	21	30	1.3	0	***	CANBERRA	12	2	15	-6	7	1.1	28	-18
ASWAN	43	28	47	24	36	1.8	0	0	INDONE SERANG	32	23	33	21	27	0.1	43	-33
ETHIOP ADDIS ABABA	***	***	26	11	***	***	***	***	PHILIP MANILA	31	26	33	24	28	0.1	554	122
KENYA NAIROBI	26	12	29	8	19	1.8	3	-11									
TANZAN DAR ES SALAAM	30	19	31	17	25	1.0	10	-18									
GABON LIBREVILLE	27	23	29	20	25	0.4	0	-1									
TOGO LOME	29	24	31	23	27	1.7	99	-1									
BURKIN OUAGADOUGOU	33	24	37	21	29	1.1	206	31									
COTE D ABIDJAN	29	24	30	22	26	1.0	30	-105									
ZAMBIA LUSAKA	22	7	29	3	15	-2.0	0	0									
ZIMBAB KADOMA	***	***	28	4	***	***	***	***									
S AFRI PRETORIA	19	4	24	0	12	-0.4	0	-2									
JOHANNESBURG	15	3	21	-3	9	-1.1	0	-2									
BETHAL	17	-2	22	-6	8	-1.3	10	7									

Based on Preliminary Reports



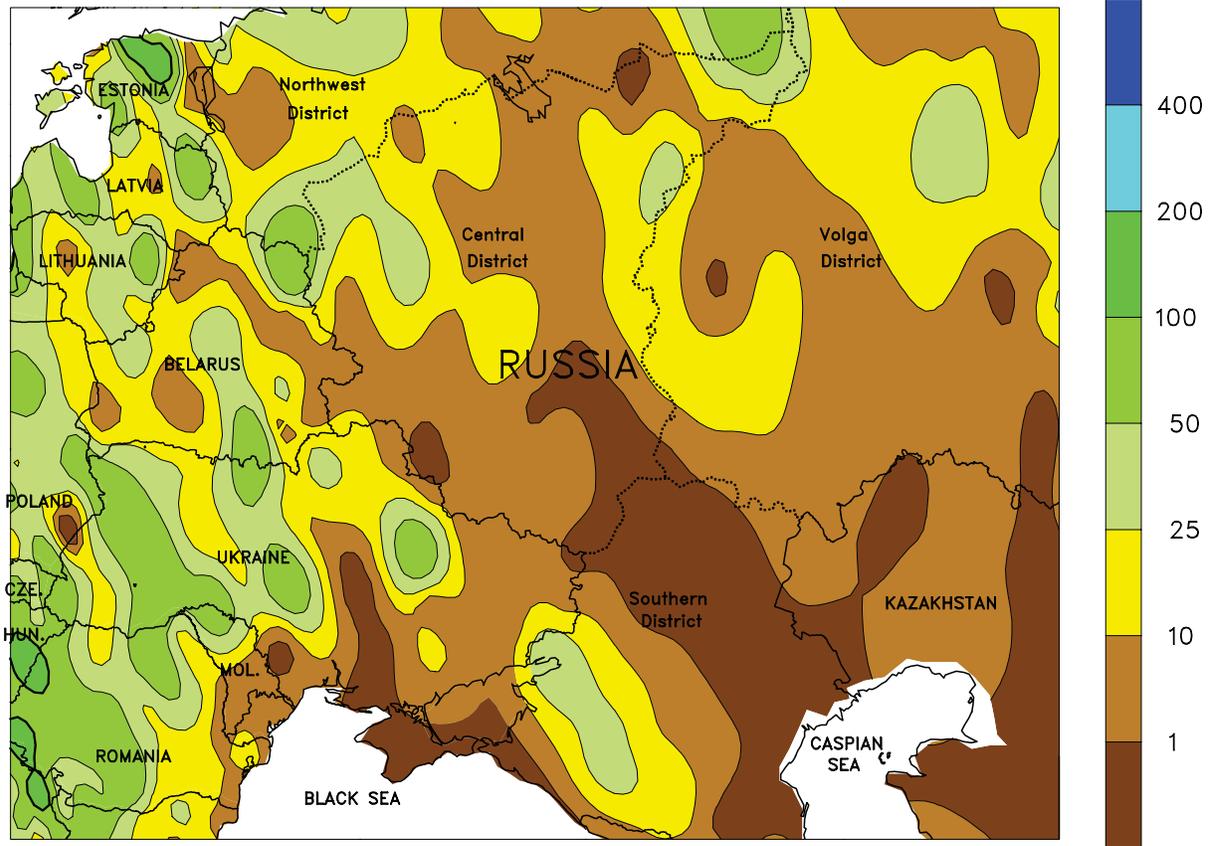
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Computer generated contours
Based on preliminary data

EUROPE

Unseasonably cool, wet weather continued to slow fieldwork but favor summer crops. A pair of slow-moving cold fronts produced widespread showers and thunderstorms from southern France (10-45 mm) into Poland and the Balkans (locally more than 100 mm). The rain hampered small grain harvesting and increased quality concerns, although conditions are overall favorable for vegetative to reproductive summer crops, including corn and sunflowers.

Despite the widespread wetness, dry weather in England and northern France allowed producers to resume winter and spring wheat drydown and harvesting. Temperatures averaged up to 4°C below normal in central Europe, and as much as 9°C below normal in Italy. The cool conditions likely contributed to disease concerns for unharvested grains and oilseeds. However, cooler weather settled into the Balkans, easing heat stress on silking corn.

WESTERN FSU
Total Precipitation (mm)
JUL 24 - 30, 2011



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

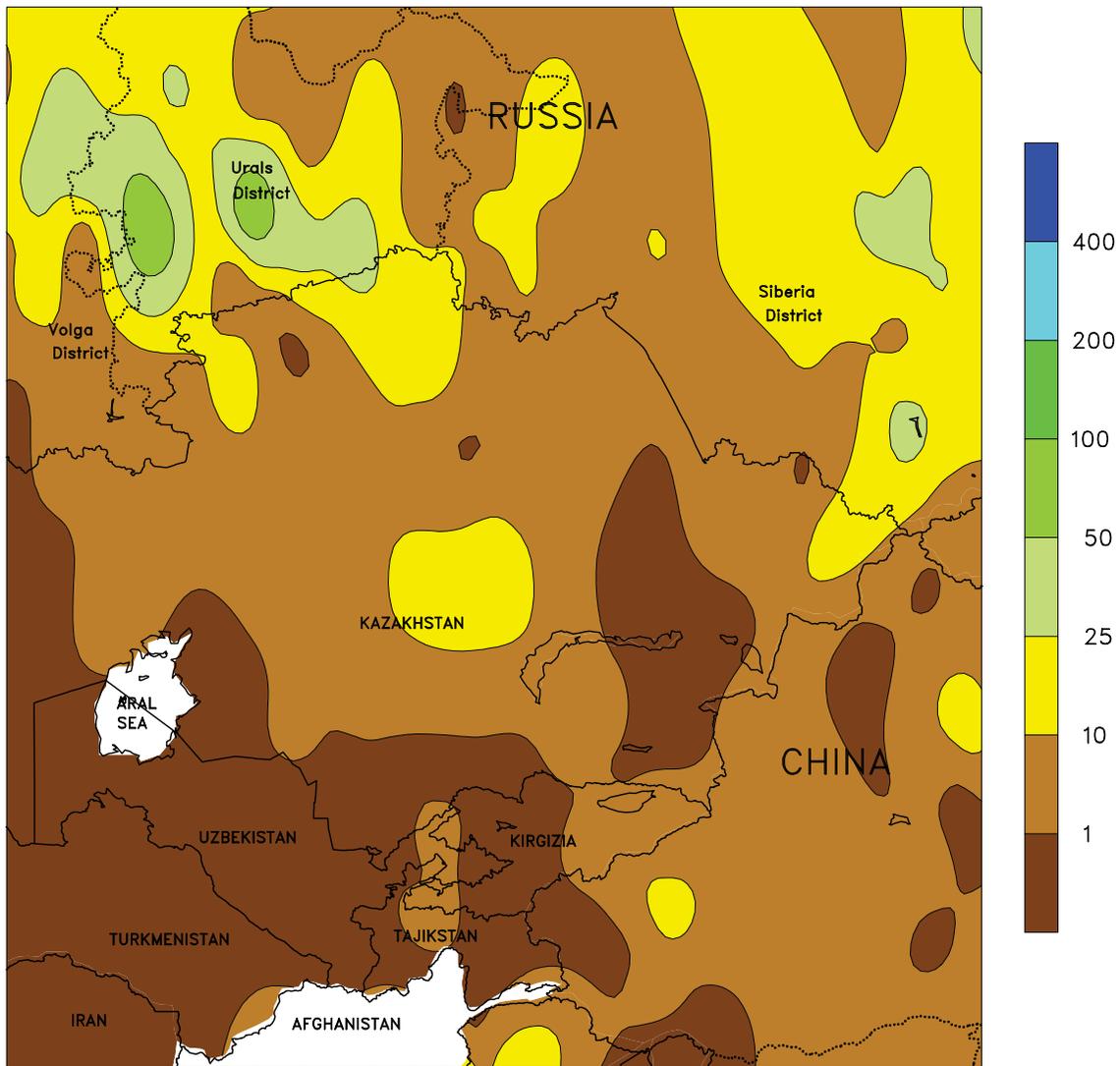


WESTERN FSU

Showery weather in northern and western portions of the region contrasted with hot conditions in the south and east. High pressure remained entrenched over the Volga District, allowing temperatures to average up to 7°C above normal over much of Russia. Daytime highs reached 39°C in southern portions of the Central and Southern District, and topped 40°C in northern portions of the Southern District and the southern Volga District. The heat was untimely for tasseling corn and reproductive sunflowers, although subsoil moisture remained

adequate for crop development. Despite being unfavorable for summer crops, the sunny, hot weather maintained a rapid pace of winter and spring grain harvesting. Meanwhile, showers and thunderstorms dropped up to 75 mm of rain in central and western Ukraine, central Belarus, and northern Russia, maintaining quality concerns and fieldwork delays for unharvested winter grains and oilseeds. Nevertheless, conditions are still vastly improved over last year, when historic heat and drought slashed crop yields.

EASTERN FSU
Total Precipitation (mm)
JUL 24 - 30, 2011



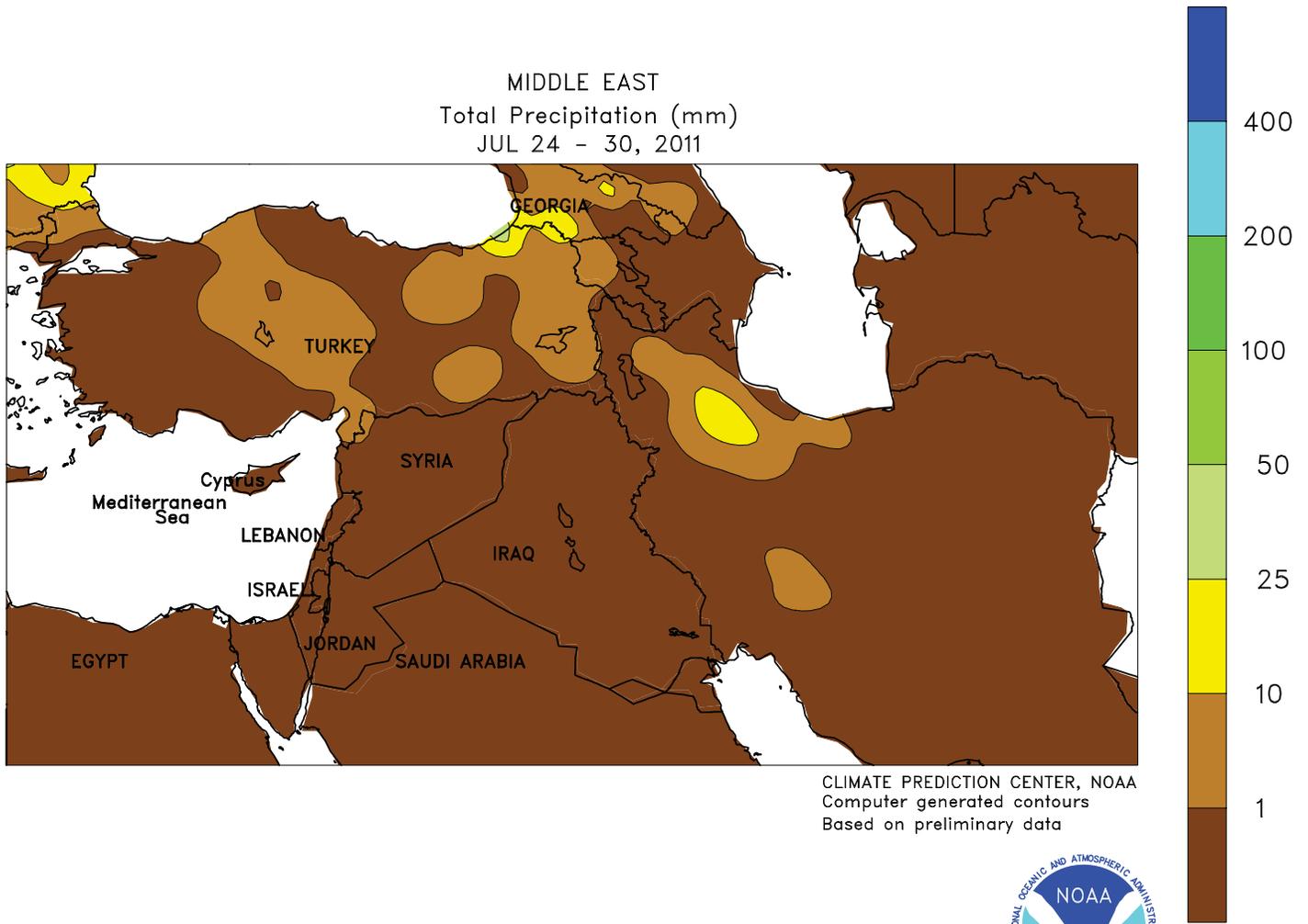
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Based on preliminary data



EASTERN FSU

Showers maintained favorable soil moisture over most primary growing areas. Rain totals approached or exceeded 40 mm in the Urals District, maintaining adequate to abundant soil moisture for filling spring wheat. Likewise, light to moderate showers (5-15 mm) in northern Kazakhstan and most of the Siberia District were

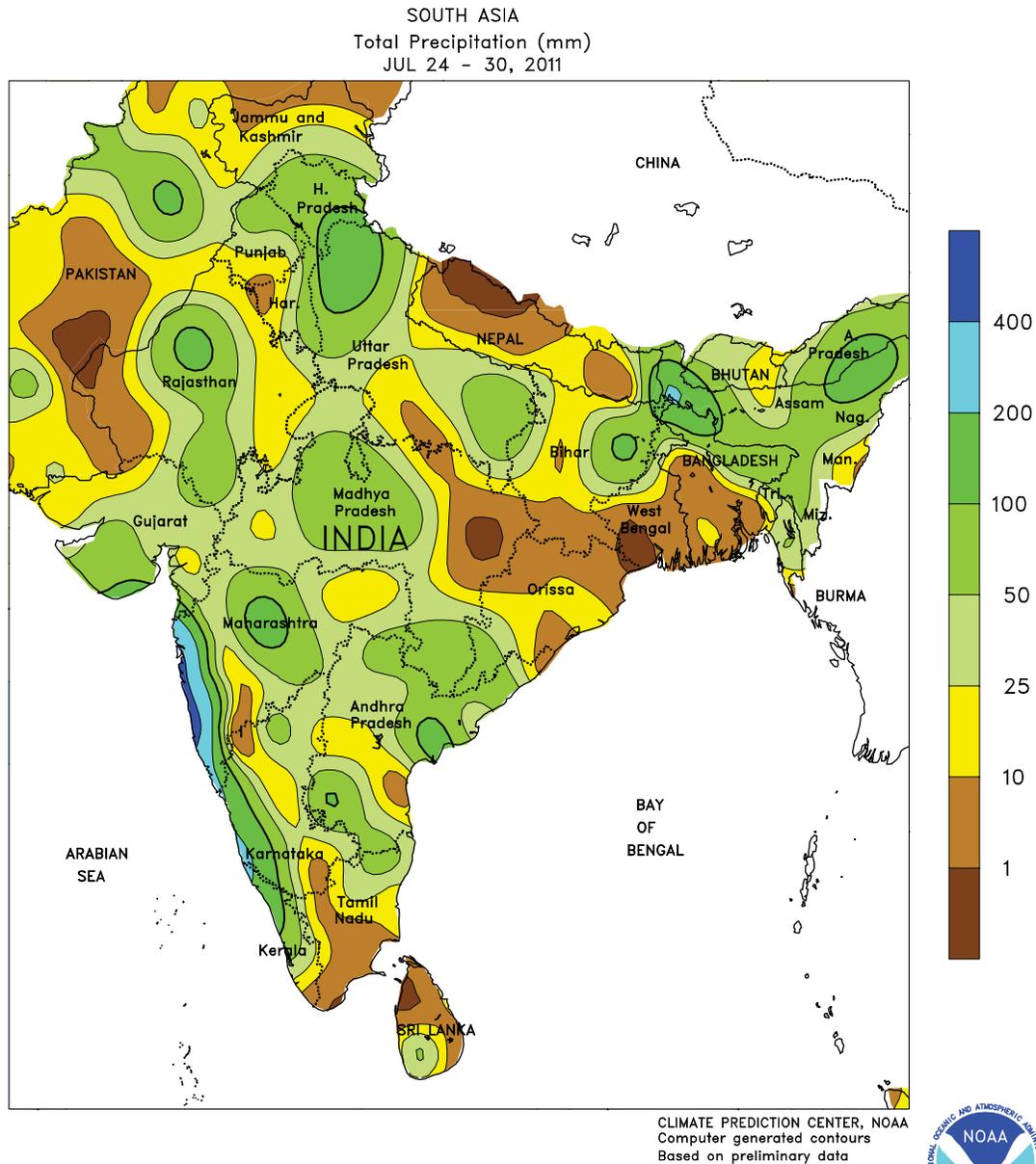
beneficial for filling spring grains. However, pockets of dryness continued to afflict southwestern portions of the Siberia District, lowering yield prospects for filling spring grains. Dry weather continued over southern portions of the region, maintaining high irrigation demands for flowering cotton.



MIDDLE EAST

Dry weather prevailed over most of the region, with light to moderate showers confined to northern portions of Iran. A weak front moved slowly east, producing 5 to 20 mm of rain in northern Iran; the rain provided supplemental moisture for

irrigated summer crops, but was generally of little agricultural benefit. Elsewhere, seasonably hot, dry conditions promoted late winter grain harvesting and favored flowering cotton (mostly irrigated).

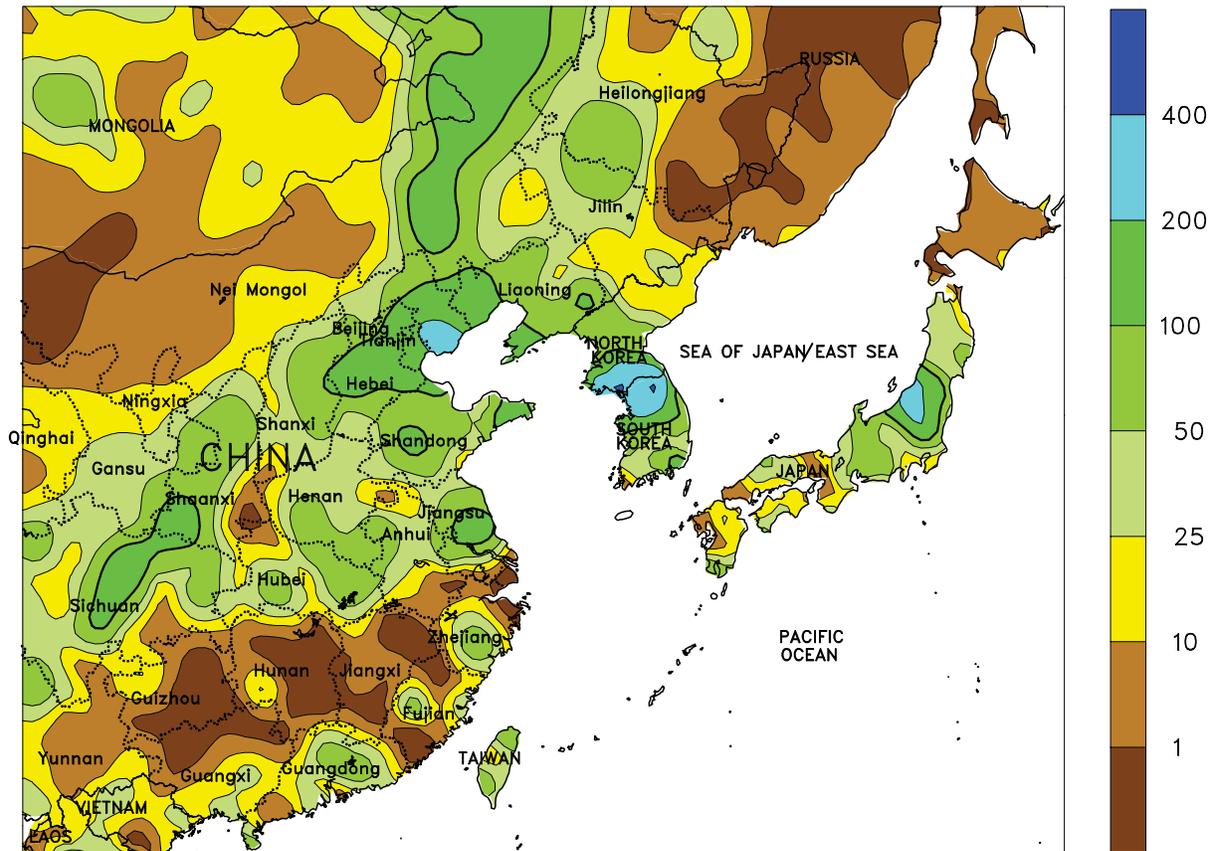


SOUTH ASIA

Monsoon rains covered nearly the entire region, maintaining favorable moisture conditions for summer crops. In India, the torrential showers of previous weeks abated in soybean areas of Madhya Pradesh as more seasonable amounts (10-50 mm) of rain prevailed. Cotton and groundnuts in western India also benefited from rainfall averaging 25 mm. In addition, showers (25-100 mm) increased in cotton areas of Andhra Pradesh, encouraging planting of the late-season crop. To the north, widespread rainfall totals of 10 to 25 mm supplemented

already favorable irrigation supplies for rice and cotton in Punjab and Haryana. In contrast, a pocket of dryness existed in West Bengal and northern Orissa. However, recent rainfall ensured adequate moisture for rice. Elsewhere in the region, 25 to 100 mm of rain in northern Pakistan maintained beneficial moisture supplies for cotton and rice in the Indus River Basin. Meanwhile, dry weather prevailed in southern Bangladesh, although moisture conditions remained favorable for rice as nearly 100 mm of rain occurred farther north.

EASTERN ASIA
Total Precipitation (mm)
JUL 24 - 30, 2011



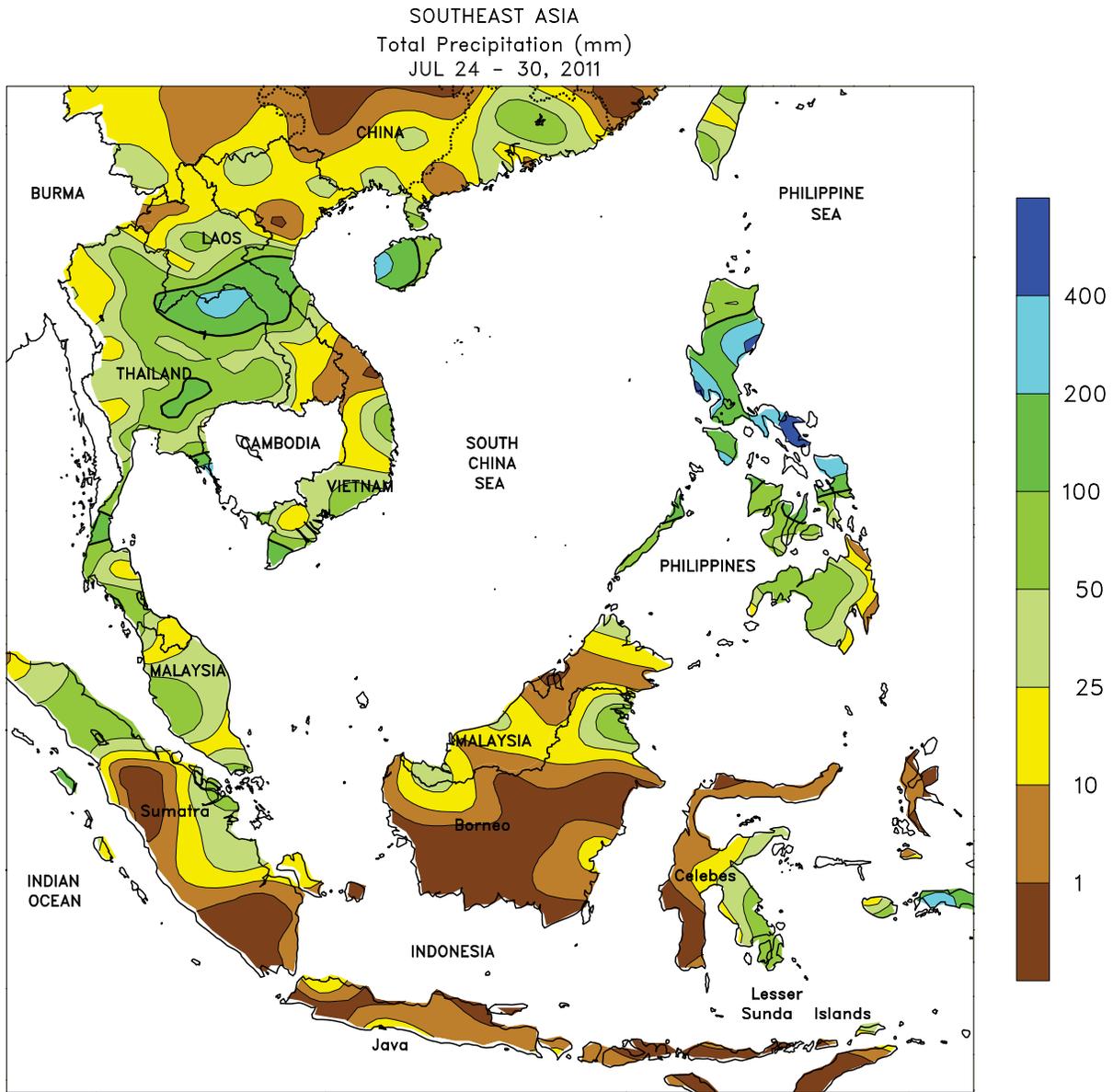
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Based on preliminary data



EASTERN ASIA

A north-south oriented axis of rainfall in China provided beneficial moisture to summer crops on the North China Plain and into Manchuria. Rainfall totaling 25 to nearly 100 mm boosted moisture throughout the soil profile for corn, rice, and soybeans across Manchuria. Only far eastern Heilongjiang (a key soybean area) received little if any rain for the period; its last measurable rainfall occurred on July 9. The prolonged dryness has been unfavorable for reproductive corn, a minor crop in the area, while soybeans were little affected by the dryness. Farther south, widespread showers (up to 100 mm or more) maintained adequate soil moisture on the North China Plain and stabilized declining soil

moisture in Henan. Rainfall continued, however, to average about 60 percent of normal since May 1 as prospects for summer crops, in the latter stages of reproduction, remained favorable with the use of supplemental irrigation. Crops nearing maturation in the Yangtze Valley also benefited from 25 to 100 mm of rainfall, where moisture conditions have continued to improve since the spring. Elsewhere in the region, flooding rains (100-200 mm or more) occurred along the border between North and South Korea but generally outside major rice producing areas. Drier weather prevailed in Japan following showers produced by Tropical Cyclone Ma-On last week.



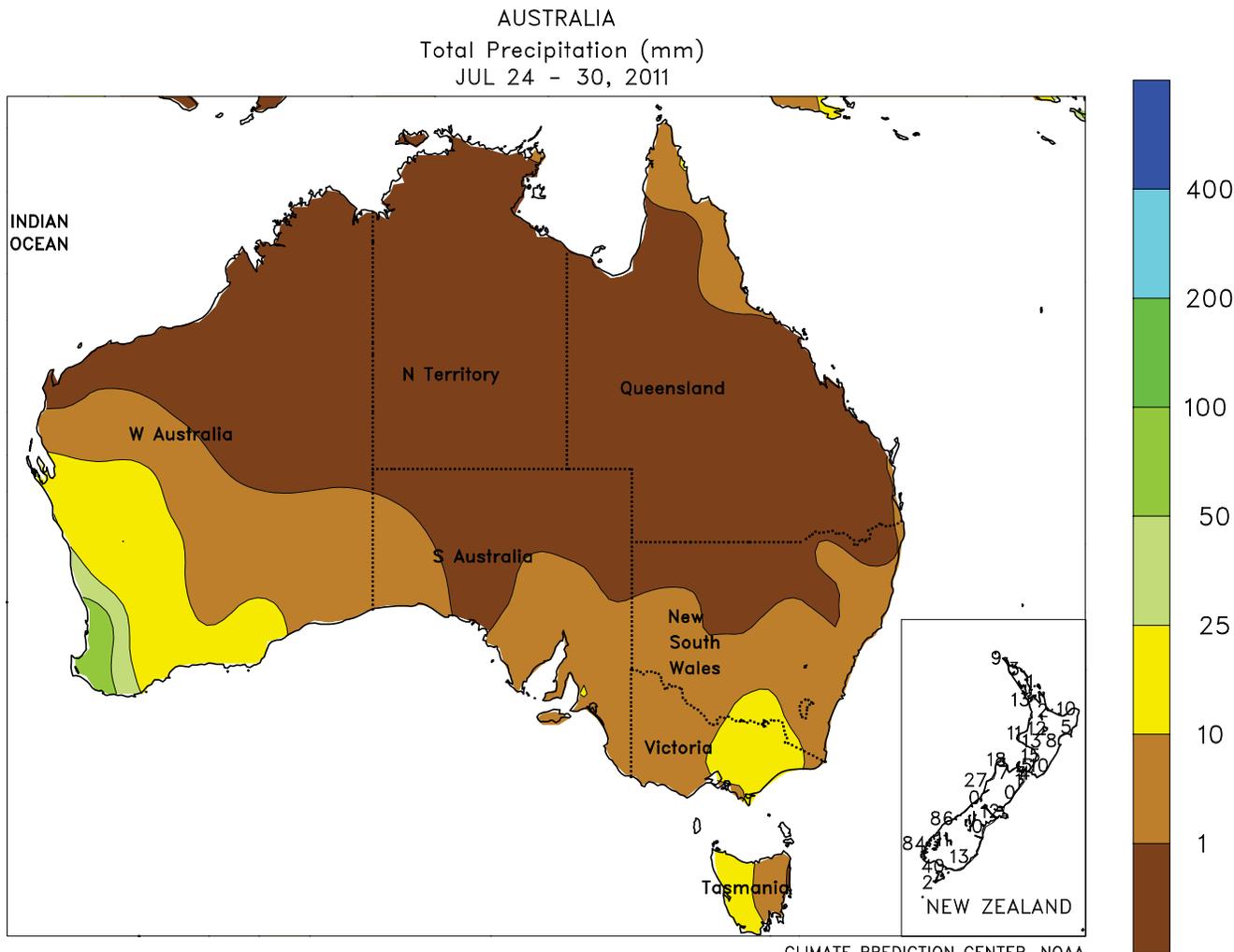
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SOUTHEAST ASIA

Tropical Cyclone Nock-Ten formed off the east-central Philippines early in the week. Nock-Ten intensified rapidly into a Category 1 typhoon prior to making landfall in southern Luzon and brought upwards of 500 mm of rain to some districts. The resulting flooding caused damage to rice in a key producing zone. Nock-Ten weakened into a tropical storm

while crossing the Philippines and proceeded to track toward northern Vietnam by the end of the week. The storm enhanced monsoon moisture in Thailand and Laos, producing 50 to 200 mm of rainfall for rice. Elsewhere, mostly dry weather favored oil palm harvesting in Indonesia and across Malaysia, but more rain would be welcomed to maintain favorable prospects.



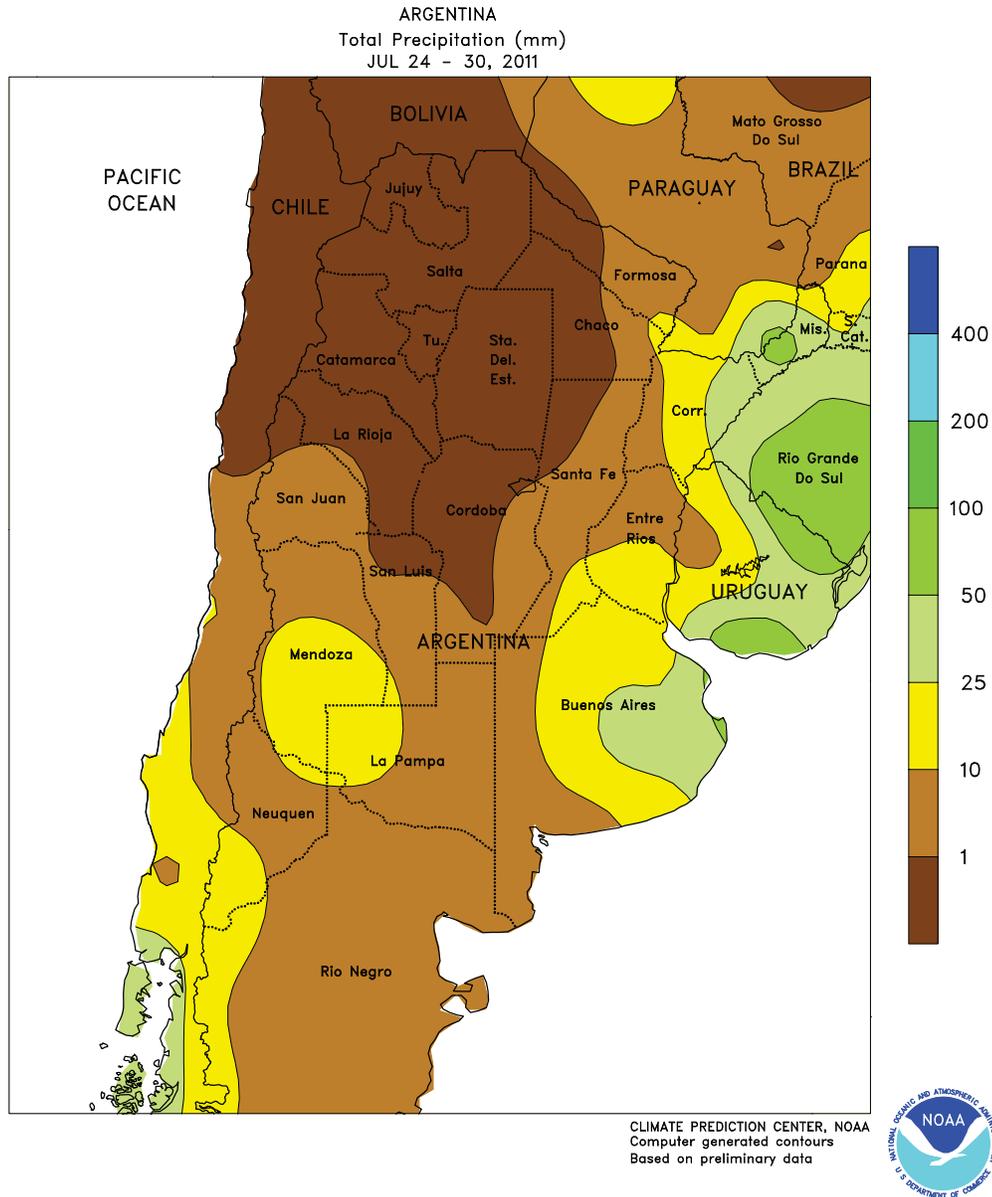
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AUSTRALIA

In Western Australia, mild, showery weather (10-25 mm) continued to favor wheat, barley, and canola development. In contrast, scattered, generally light showers (1-6 mm, locally more) fell across southeastern Australia, providing little additional moisture for vegetative winter grains and oilseeds.

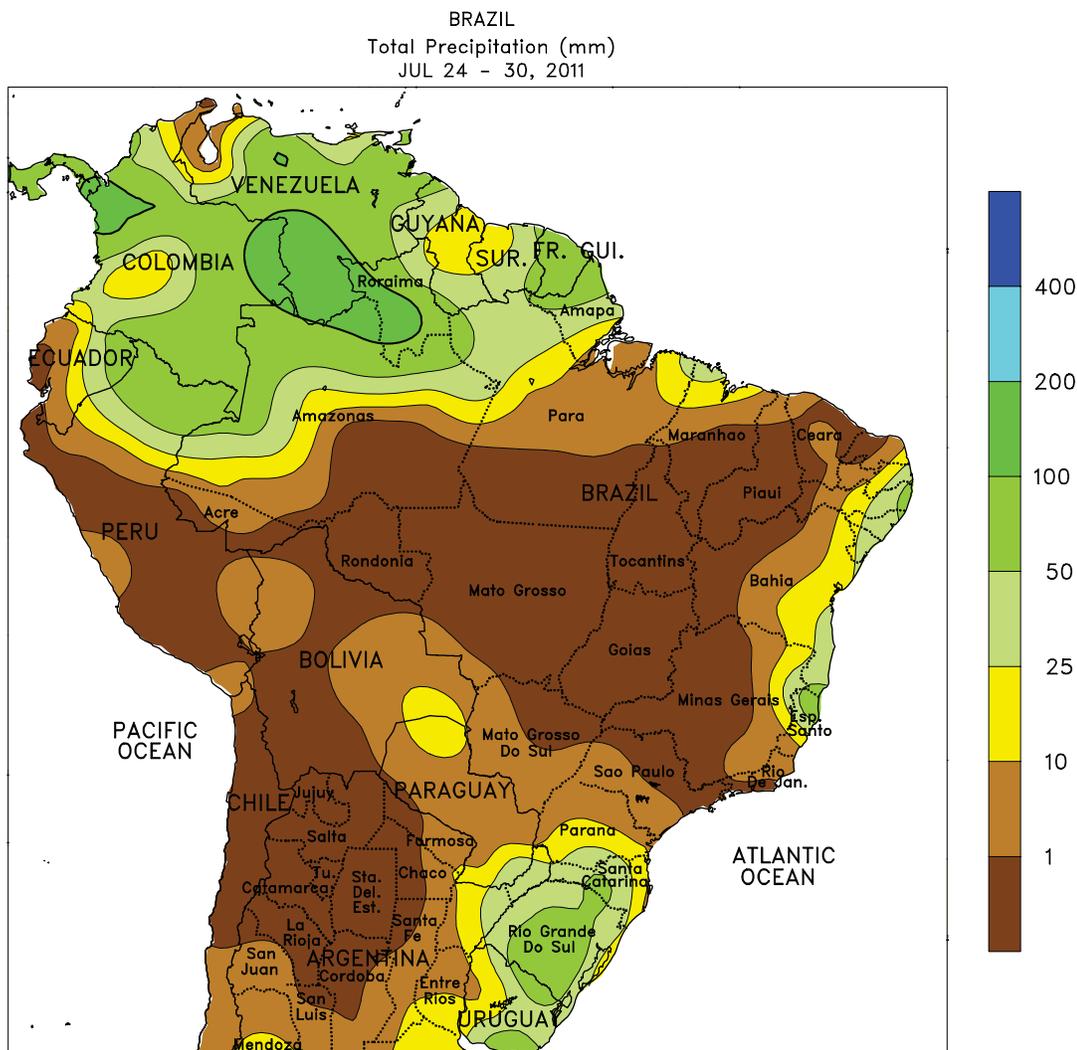
Farther north, dry weather prevailed across northern New South Wales and southern Queensland, further reducing moisture supplies for vegetative winter wheat. Temperatures in eastern Australia were generally seasonable, while in Western Australia, temperatures averaged 3 to 4°C above normal.



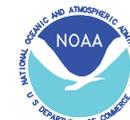
ARGENTINA

A continuation of unseasonably heavy showers hampered fieldwork in some eastern farming areas, although moisture was abundant for winter grain establishment. In central Argentina, the heaviest rain (greater than 25 mm) was recorded in east-central Buenos Aires, with amounts in excess of 10 mm in central and northern Buenos Aires and nearby locations in southern Santa Fe and Entre Rios. Drier conditions prevailed farther west, allowing winter grain planting and other seasonal fieldwork to progress after last week's beneficial rain. Weekly temperatures were near to slightly above normal, although the mid-week rain ushered cooler weather into the region, and freezes were common over much of area during the latter part of the week. Drier,

warmer weather prevailed farther north, with rain (10-50 mm or more) generally confined to traditionally wetter, outlying farming areas of Corrientes and Misiones. Weekly average temperatures were 1 to 2°C above normal, with highs reaching the 30s (degrees C) on several days. As in the south, however, cooler weather advanced northward during the latter half of the week, and some locations recorded freezes. Conditions were overall favorable for fieldwork, including the last stages of the cotton harvest. According to Argentina's Ministry of Agriculture, corn harvesting was 95 percent complete as of July 28, slightly behind last year's pace. Wheat was 91 percent planted, up 4 points from last week and 7 points ahead of last year's pace.



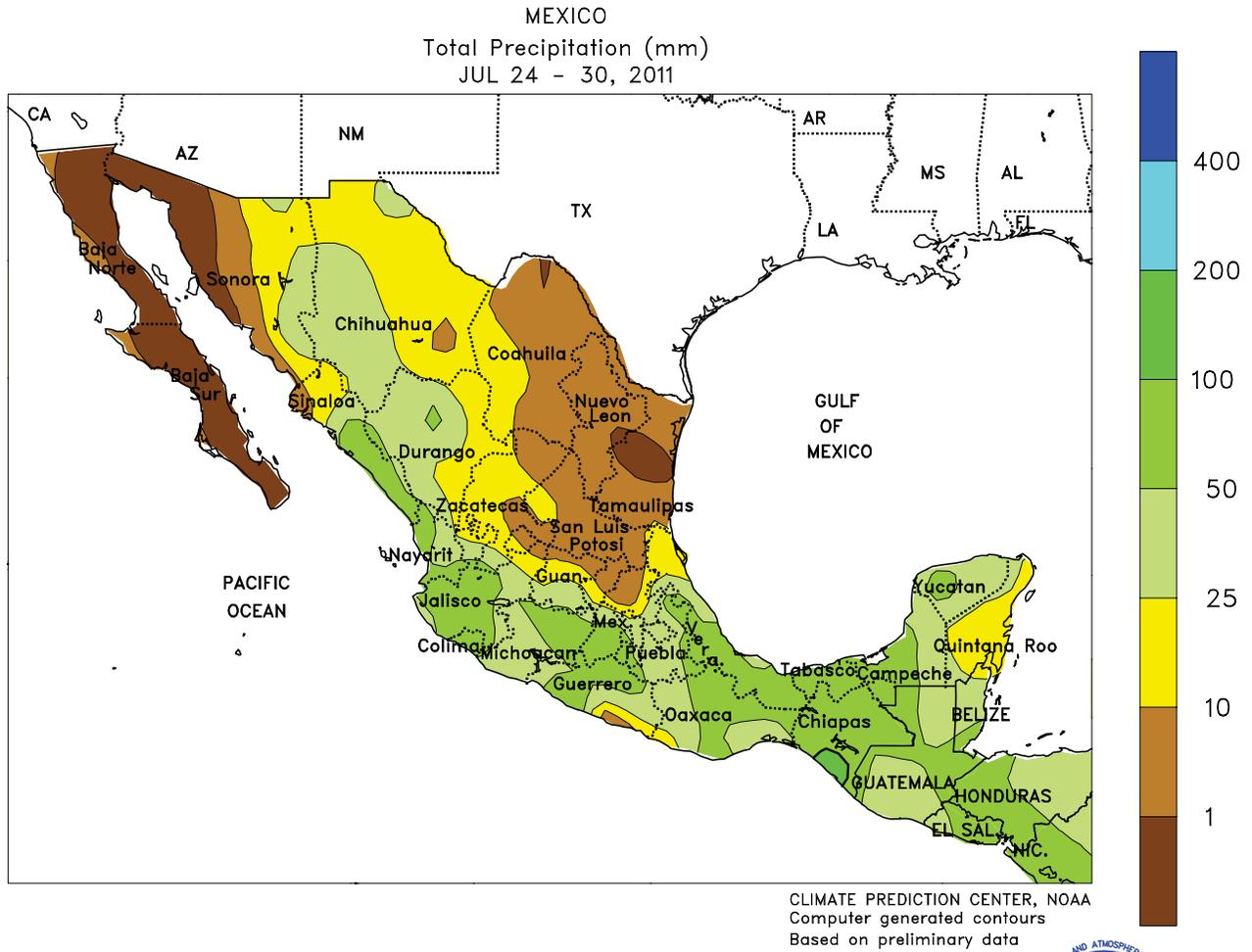
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Computer generated contours
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BRAZIL

Rain continued over southern Brazil, although the amount and coverage diminished from the previous week. Rainfall totaled 25 to 50 mm or more over the main farming areas of Rio Grande do Sul and Santa Catarina. In Parana, seasonable amounts of rain (10-25 mm) were recorded in the south, but key western and northern farming areas were mostly dry, promoting harvesting of safrinha corn after last week's heavy rain. Drier conditions also prevailed in southern growing areas of Mato Grosso do Sul and Sao Paulo which, like Parana, received unseasonably heavy rain last week. Weekly average temperatures were 2 to 4°C

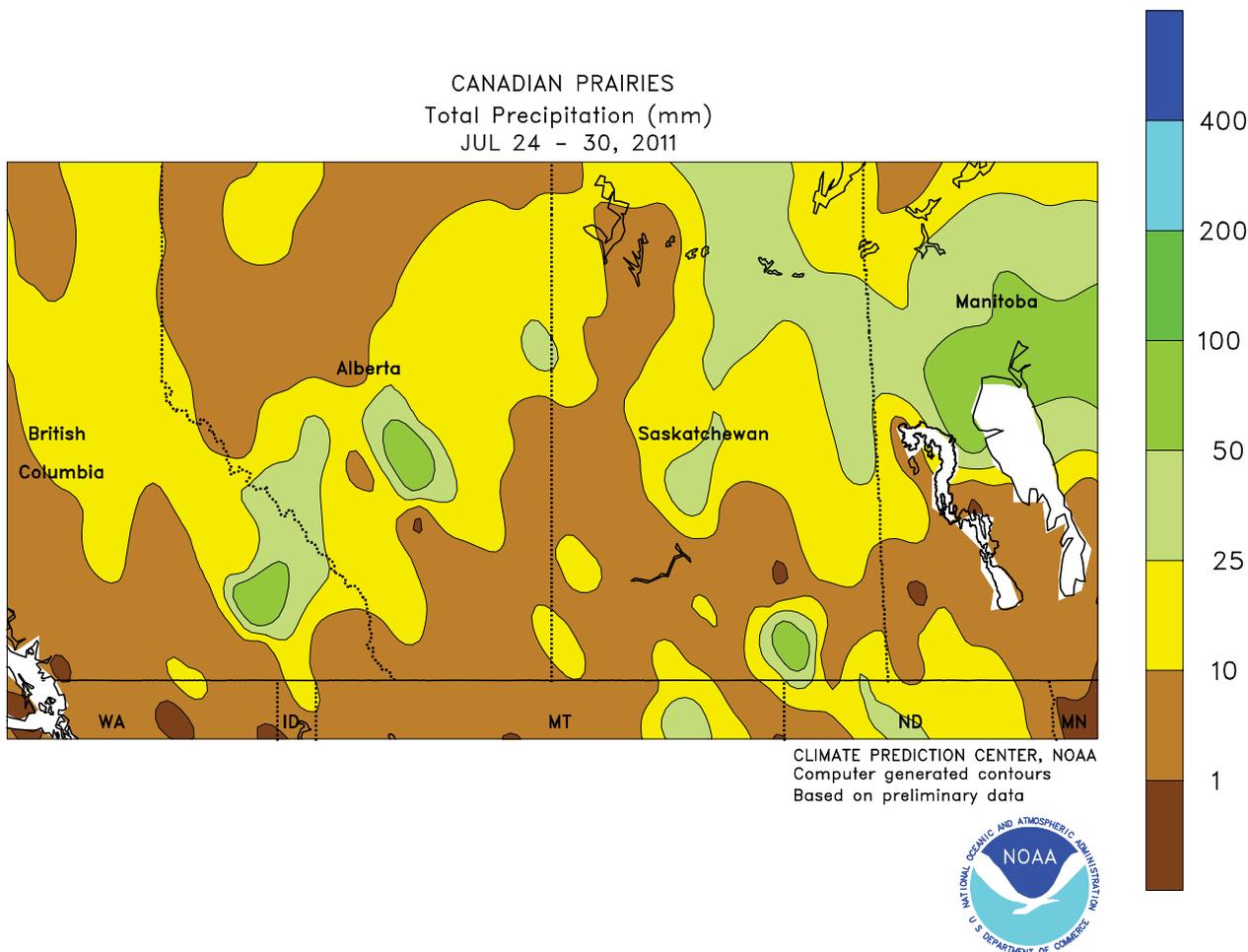
above normal throughout southern Brazil, promoting winter wheat development and drydown of safrinha corn, as well as harvesting of sugarcane, citrus, and coffee. Minimum temperatures were well above freezing across the region. Elsewhere, warm, dry weather continued in central Brazil and the northeastern interior. In contrast, seasonal showers (10-25 mm, locally exceeding 50 mm) continued along the eastern coast, expanding southward into Espirito Santo. The rain helped to replenish moisture reserves for sugarcane and cocoa but may have resulted in some delays in the local coffee harvest.



MEXICO

Seasonable rain continued throughout the south and northwest, benefiting rain-fed summer crops and helping to recharge reservoirs. Rainfall totaled 10 to 50 mm or more across the southern plateau and along the southern Pacific Coast, with locally heavier amounts extending from southern Veracruz eastward through Chiapas and Campeche. After a delayed start to the rainy season, many of these areas have now accumulated near-to above-normal rainfall for the season,

which is being reflected in higher reservoir storage levels. Farther north, locally heavy monsoon showers (10-50 mm or more) continued in the northwest, increasing irrigation levels in those areas as well. However, mostly dry, unseasonably warm weather (weekly average temperatures 1-2°C above normal, with highs in the upper 30s and lower 40s C) dominated much of the northeast, which has seen little improvement in local reservoir levels.

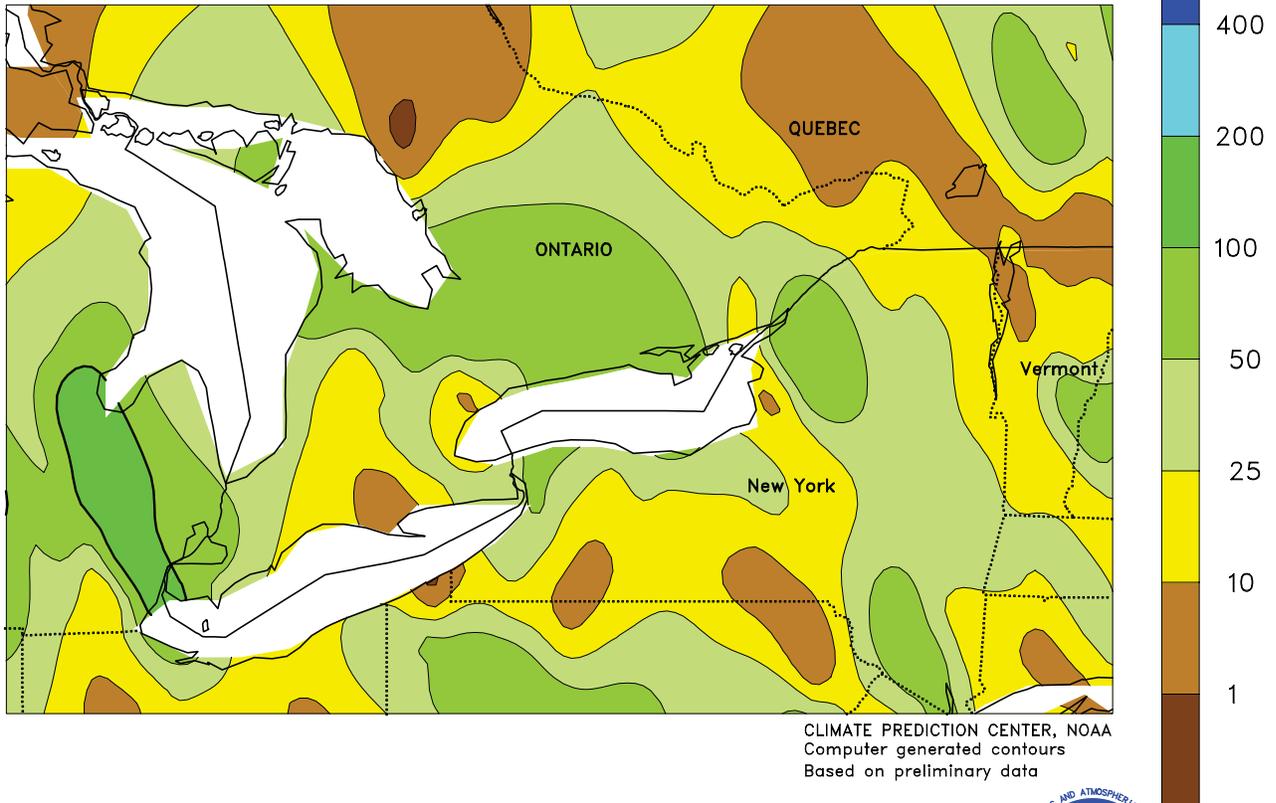


CANADIAN PRAIRIES

Warm, mostly dry weather promoted development of late-planted spring grains and oilseeds in the eastern half of the Prairies. A few locations recorded rainfall in excess of 25 mm, but most areas received only scattered, light showers, with weekly accumulations of 1 to 15 mm. Weekly average temperatures were generally 1°C above normal, with highs mostly in the middle and upper 20s (degrees C), though temperatures reached the lower 30s in some locations of southern Saskatchewan. In the western Prairies, a brief period of heavy showers brought 25 mm of rain to Alberta’s northeastern farming areas (districts in and around

Edmonton); otherwise, rainfall was well below last week’s totals (less than 10 mm in many areas) across the region. The drier conditions were particularly welcome in the Peace River Valley, which recorded exceptionally heavy rain since the end of June. However, weekly temperatures averaged about 1°C below normal throughout much of the western Prairies, maintaining unseasonably low rates of crop growth. High temperatures in the west ranged from the middle 20s in the Peace River Valley, which has trended cooler than normal for much of the summer, to the lower 30s in and around southern Alberta.

SOUTHEASTERN CANADA
 Total Precipitation (mm)
 JUL 24 - 30, 2011



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 Computer generated contours
 Based on preliminary data

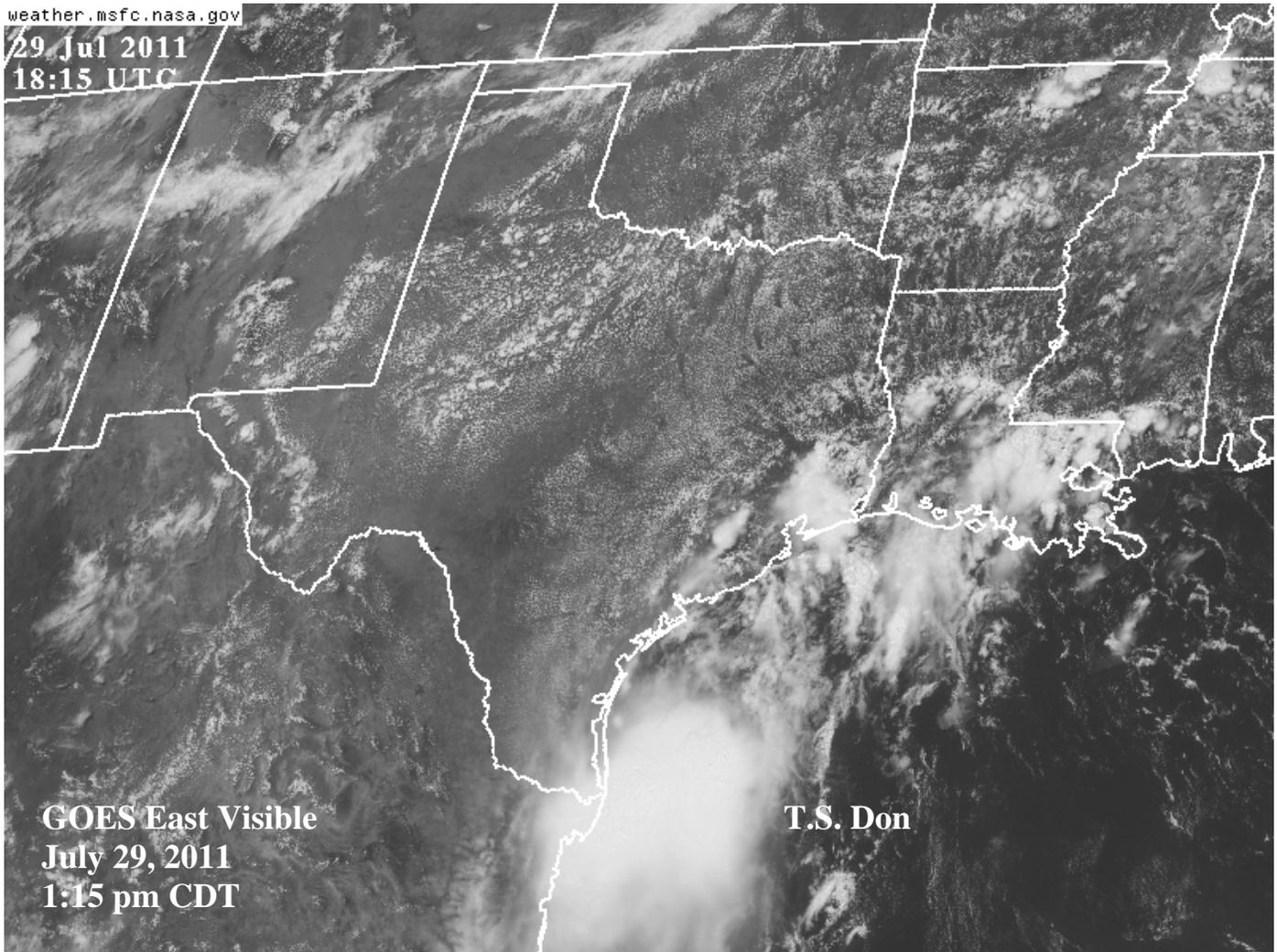


SOUTHEASTERN CANADA

Much-needed rain brought some relief from heat and dryness to southwestern Ontario. The rain (10-25 mm in most areas, locally exceeding 50 mm) occurred on several days during the week, increasing soil moisture and helping to keep temperatures from reaching last week's stressful levels. Weekly average temperatures were 1 to 2°C above normal in the area but highs only

ranged from 28 to 32°C, advancing development of late-planted summer crops in the absence of stressful heat. Meanwhile, scattered, generally light showers (rainfall totaling 5-25 mm in most locations) and more seasonable temperatures continued in eastern Ontario and Quebec, maintaining overall favorable conditions for summer crops and pastures.

29 Jul 2011
18:15 UTC



GOES East Visible
July 29, 2011
1:15 pm CDT

T.S. Don

Tropical Storm Don made landfall during the evening of July 29 on the Texas coast near Baffin Bay, between Corpus Christi and Brownsville. Overall, though, Don was a mighty disappointment for drought-stricken Texas, dissipating shortly after landfall and leaving a negligible rainfall footprint. Corpus Christi recorded a peak wind gust to 39 mph but received a July 29-30 rainfall total of just 0.02 inch. Brownsville netted 0.63 inch on July 29.

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