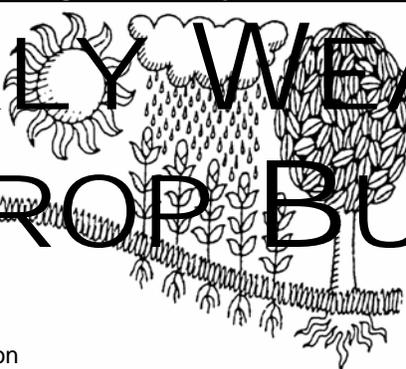
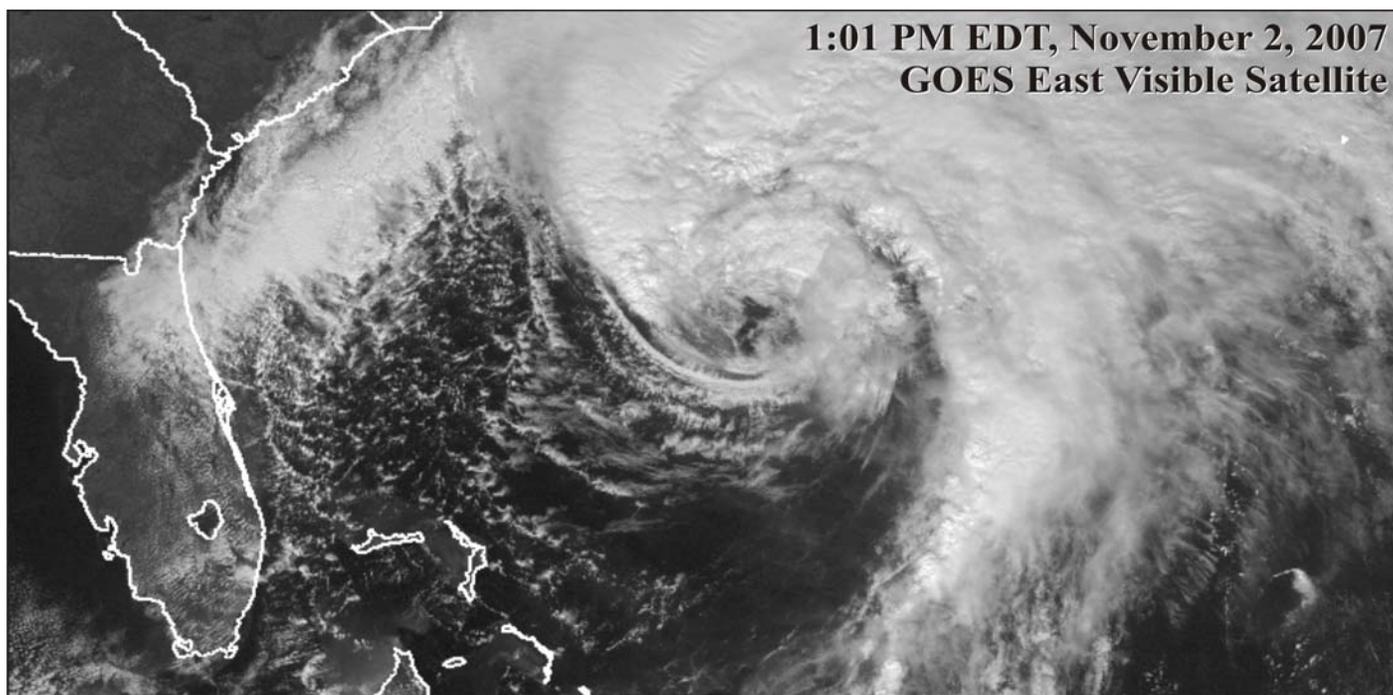


# WEEKLY WEATHER AND CROP BULLETIN



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



1:01 PM EDT, November 2, 2007  
GOES East Visible Satellite

Noel, pictured here as a hurricane on November 2, formed from a tropical wave that departed the west coast of Africa on October 16. After traversing the Atlantic Ocean and interacting with an upper-level disturbance near Puerto Rico, the wave began to exhibit signs of organization, with a low-pressure system forming near the northern Leeward Islands on October 23. A tropical depression, which soon became Tropical Storm Noel, formed south of Haiti on October 28. Noel's first landfall occurred on the southern coast of Haiti on October 29, when maximum sustained winds were near 60 mph. The tropical storm later spent more than 24 hours over Cuba before drifting northward and strengthening, but Noel's worst destruction was reserved for Haiti and the Dominican Republic due to significant flooding and mudslides. Noel made the transition to an extra-tropical storm on November 2, grazed coastal New England on the 3rd, and passed just west of Moncton, New Brunswick, early on the 4th.

## HIGHLIGHTS

### October 28 - November 3, 2007

*Highlights provided by USDA/WAOB*

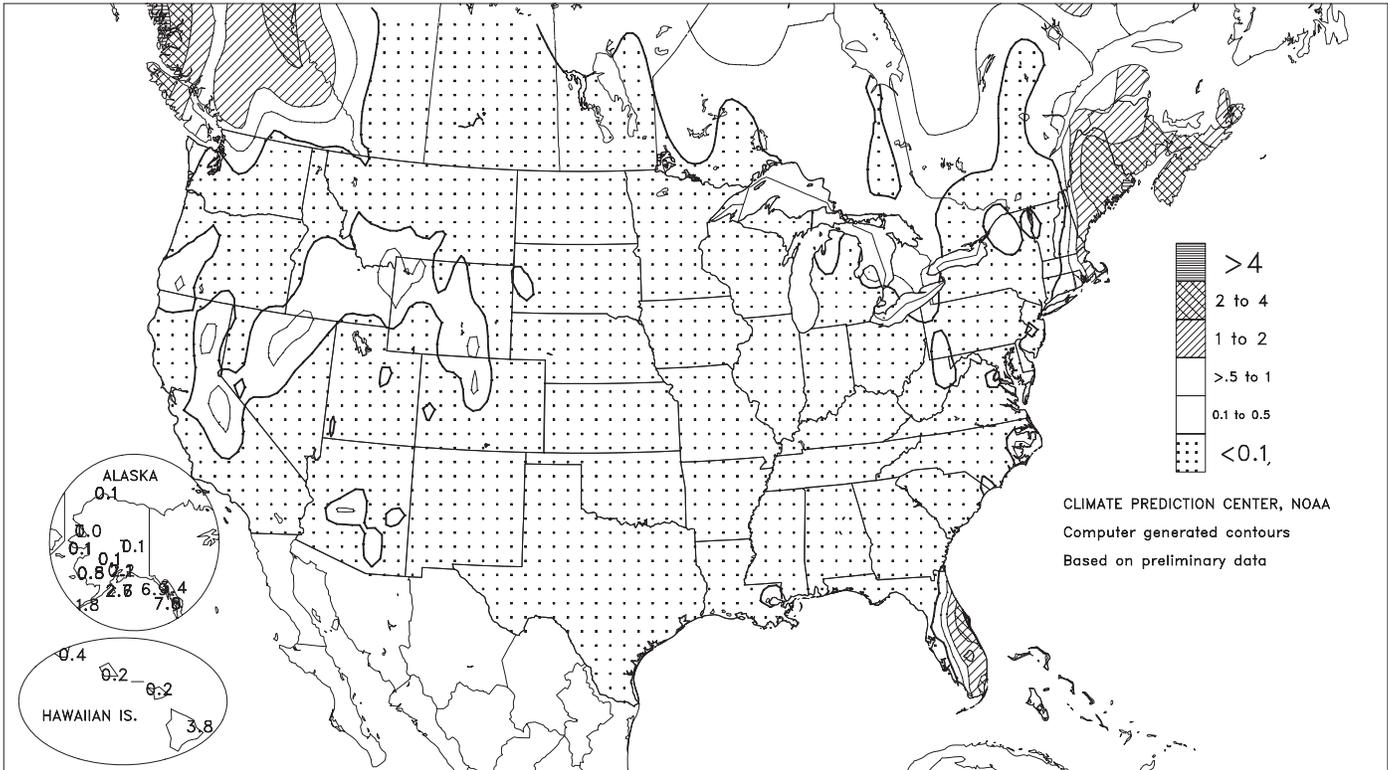
Tropical Storm Noel moved within about 175 miles of **southeastern Florida** on November 1 before veering to the north and northeast. Noel later spent nearly 24 hours (on November 1-2) as the **Atlantic basin's** fifth hurricane of the year, and eventually battered **coastal New England** (on November 3) as an extra-tropical storm with wind gusts as high as 60 to 90 m.p.h. Aside from the **Atlantic Seaboard**, tranquil weather prevailed nearly nationwide. Weekly temperatures averaged at least 5°F above normal in much of the **north-central U.S.** and the **Desert Southwest**, but were slightly below normal in the **Pacific Northwest** and from the **Ohio Valley into the Mid-Atlantic** (Continued on page 3)

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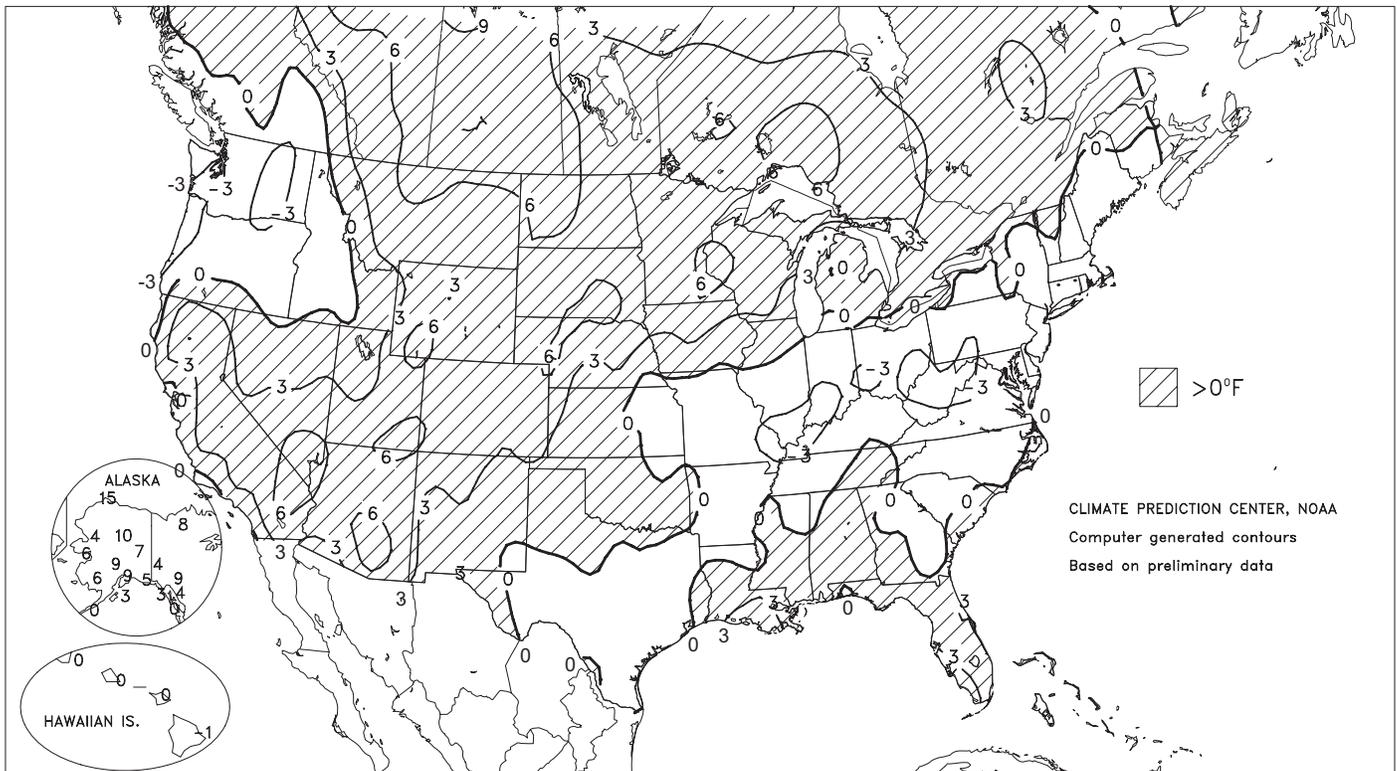
Total Precipitation (Inches)

OCT 28 - NOV 3, 2007



Departure of Average Temperature from Normal (°F)

OCT 28 - NOV 3, 2007



(Continued from front cover)

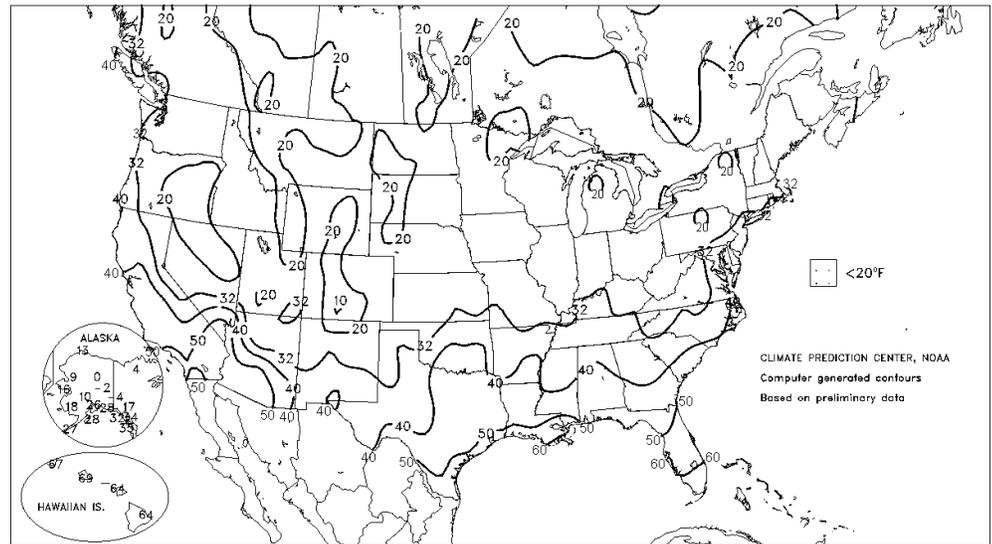
**States.** Harvest activities and late-season winter wheat planting proceeded with few delays across the **Plains, Midwest, and West.** However, increasingly dry conditions in several areas—including the **southern half of the High Plains** and parts of the **Northwest**—were a concern with respect to winter wheat establishment. Meanwhile in the **Southeast**, drought-stressed pastures and fall-sown crops continued to benefit from the effects of late-October rainfall, despite lingering long-term precipitation deficits.

In late October and early November, Noel's interaction with a high-pressure system to the north generated high winds, heavy surf, and beach erosion along the **southern Atlantic Coast.** Easterly to northerly winds gusted to 30 m.p.h. or higher on 5 consecutive days (October 28 - November 1) in **Florida** locations such as **Miami** and **Ft. Lauderdale.** Elsewhere in **Florida, Melbourne** clocked a wind gust to at least 40 m.p.h. on 3 consecutive days from October 28-30. Locally heavy showers accompanied the blustery weather, with 4.46 inches of rain falling in **Ft. Lauderdale** from October 24-31. Farther north, effects of Noel's remnants were more direct. A gust to 54 m.p.h. was recorded in **Duck, NC**, on November 2, followed the next day by gusts to 89 m.p.h. in **Barnstable, MA**, 72 m.p.h. in **Nantucket, MA**, and 60 m.p.h. in **Cape Elizabeth, ME.** Rainfall totals of 2 to 5 inches accompanied the high winds across **coastal New England**, while **interior Maine** snowfall totals for November 3-4 included 6.0 inches in **Fort Kent** and 0.6 inch in **Caribou.**

High winds were not just confined to **New England.** On October 31, a low-pressure system departing the **Great Lakes region** generated gusts in **Michigan** as high as 62 m.p.h. in **Grand Marais** and 54 m.p.h. in **Copper Harbor.** During that time, wave heights generally reaching 10 to 15 feet were reported on **Lake Superior.** For much of the remainder of the country, however, conditions were more benign. Record warmth continued early in the week in **Arizona**, where daily-record highs for October 28 included 97°F in **Phoenix** and 94°F in **Tucson.** Meanwhile, chilly weather settled across much of the **central and eastern U.S.** **Blacksburg, VA**, which had not experienced a reading below 32°F since April 10, closed October with four consecutive freezes (31, 27, 26,

Extreme Minimum Temperature (°F)

OCT 28 - NOV 3, 2007

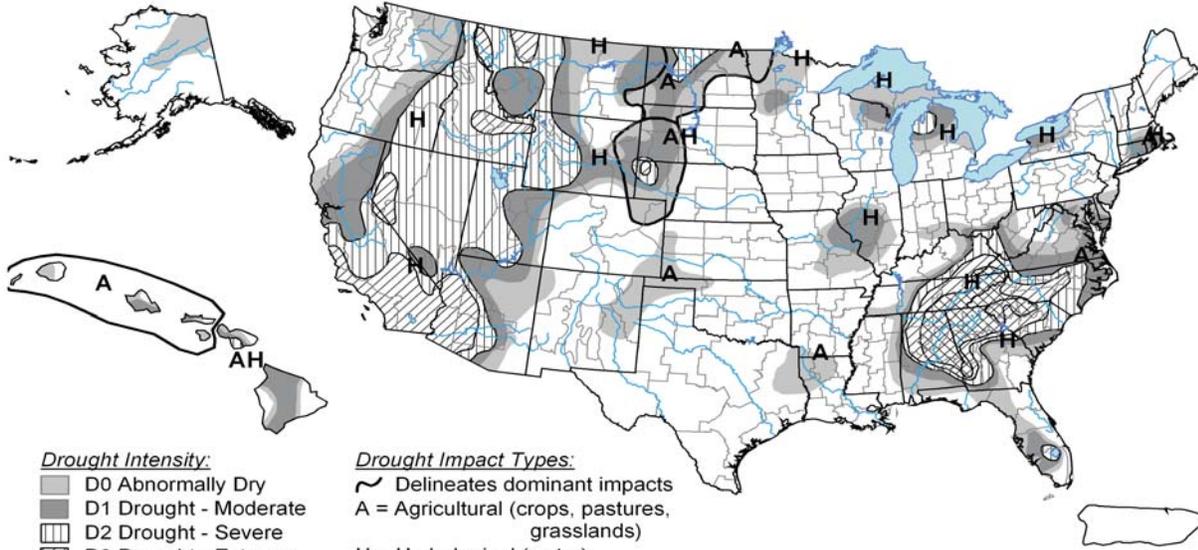


and 26°F). In **Ohio, Youngstown** (26°F) reported a daily-record low for November 2. Toward week's end, **southern California** escaped another round of gusty winds with a minimal amount of new wildfire activity. As a result, recovery efforts from the October fires proceeded under warm, dry conditions. With the contribution of recent blazes, the nation's year-to-date wildfire area climbed to 9.27 million acres (136 percent of the 10-year average), second only to last year's 9.87 million-acre total during the 48-year period of record.

Drenching rains finally overspread parts of **Hawaii** in early November, ending a long-running dry spell. **Lihue, Kauai**, completed its driest 3-month period on record from August to October, but received 0.50 inch on November 3. **Lihue's** August-October rainfall of 1.27 inches (14 percent of normal) had edged its January-March 1983 standard of 1.51 inches. Early-November rainfall was more impressive in other areas, particularly on **Oahu**, where 24-hour totals (on November 3-4) topped 8 inches in several windward locations. During the same period, even leeward and interior sites on **Oahu** received heavy rainfall, which totaled 7.06 inches at **Wheeler Airfield** and 5.33 inches in **Mililani.** Elsewhere on **Oahu, Honolulu's** daily-record total of 3.81 inches on November 4 accounted for exactly half of its year-to-date rainfall. Farther north, stormy weather across **southeastern Alaska** contrasted with mild, mostly dry conditions across much of the mainland. From October 21 - November 3, **Juneau** received measurable rain on 14 consecutive days, totaling 6.17 inches. Meanwhile, weekly temperatures averaged as much as 10°F above normal across the **Alaskan mainland.** At week's end, heavy snow developed across parts of **southwestern Alaska.** **McGrath** received 0.1 inch on November 3, followed by a daily-record total of 8.1 inches the next day.

# U.S. Drought Monitor

October 30, 2007  
Valid 8 a.m. EDT



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

- Drought Impact Types:**
- ~ Delineates dominant impacts
  - A = Agricultural (crops, pastures, grasslands)
  - H = Hydrological (water)

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



Released Thursday, November 1, 2007  
Author: Douglas Le Comte, CPC/NOAA

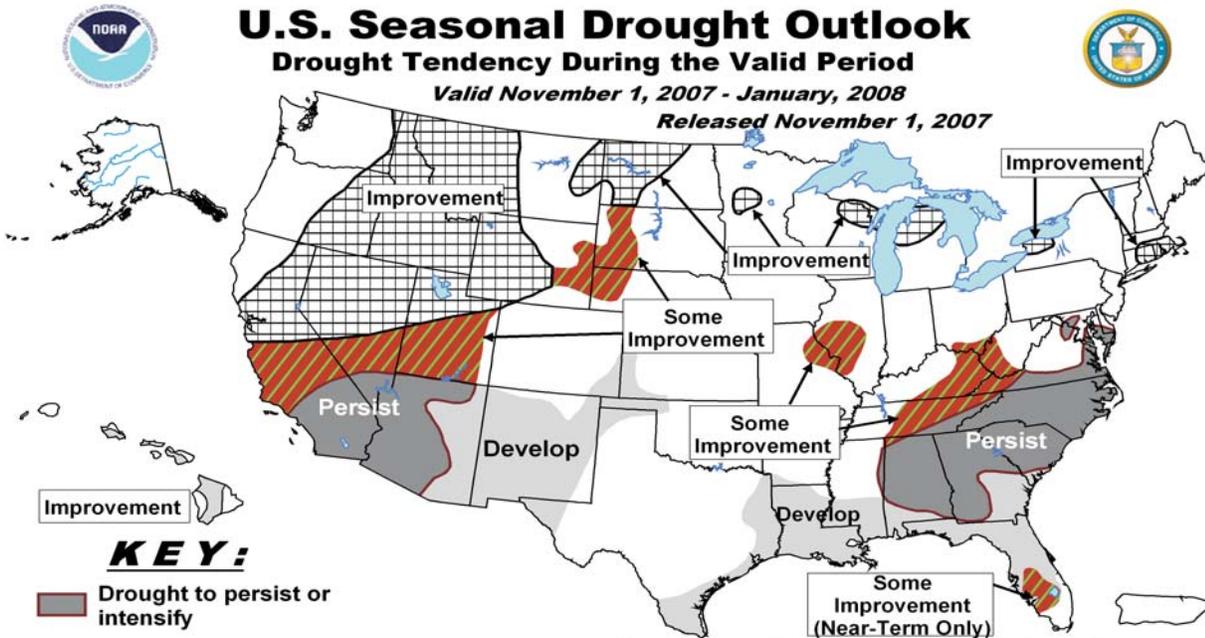
<http://drought.unl.edu/dm>

## U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid November 1, 2007 - January, 2008

Released November 1, 2007



- KEY:**
- Drought to persist or intensify
  - Drought ongoing, some improvement
  - Drought likely to improve, impacts ease
  - Drought development likely

Depicts general, large-scale trends based on subjectively derived probabilities guided by numerous indicators, including short- and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more than a few days in advance, so use caution if using this outlook for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4). For weekly drought updates, see the latest Drought Monitor map and text. NOTE: the green improvement areas imply at least a 1-category improvement in the Drought Monitor intensity levels, but do not necessarily imply drought elimination.

**Agricultural Weather Data Compiled by USDA's Stoneville Field Office**

**Weather Data for the Week Ending November 3, 2007**

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

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						4-INCH SOIL TEMP. °F		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN. SINCE SEPT1	PCT. NORMAL SINCE SEPT1	TOTAL IN. SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP	
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	5.0 INCH OR MORE
MISSISSIPPI																			
ND TUNICA 1W	68	42	76	37	55	-	0.00	-	0.00	7.24	-	-	-	67	55	0	0	0	0
LYON	70	43	79	39	57	-	0.00	-	0.00	-	-	-	-	66	55	0	0	0	0
VANCE	69	44	76	38	57	-	0.00	-	0.00	6.21	-	-	-	67	57	0	0	0	0
PERTSHIRE	69	45	77	39	57	-	0.00	-	0.00	-	-	-	-	67	54	0	0	0	0
SCOTT	70	47	78	42	59	-	0.00	-	0.00	-	-	-	-	68	56	0	0	0	0
NE VERONA	71	43	77	37	57	-	0.00	-	0.00	9.62	-	-	-	68	54	0	0	0	0
SD STONEVILLE x	71	46	80	43	58	-3	0.00	-0.95	0.00	8.87	129	36.98	86	68	55	0	0	0	0
INDIANOLA 1S*	71	47	78	43	59	-	0.00	-	0.00	11.87	-	-	-	66	57	0	0	0	0
INVERNESS 5E	70	49	79	43	60	-	0.00	-	0.00	-	-	-	-	68	58	0	0	0	0
SIDON	75	48	84	41	62	-	0.00	-	0.00	-	-	-	-	-	-	0	0	0	0
NORTH ISSAQUENA	71	48	80	42	59	-	0.00	-	0.00	6.04	-	-	-	68	59	0	0	0	0
SILVER CITY	71	48	80	43	59	-	0.00	-	0.00	8.14	-	-	-	63	57	0	0	0	0
ONWARD	72	47	81	43	60	-	0.00	-	0.00	6.73	-	-	-	67	58	0	0	0	0
MAYDAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI																			
NW CORNING	65	35	76	26	50	1	0.00	-1.01	0.00	6.61	94	35.69	110	-	-	0	3	0	0
ALBANY	63	30	72	23	47	-2	0.00	-0.80	0.00	5.89	84	30.78	89	55	45	0	5	0	0
ST. JOSEPH	62	36	71	31	50	1	0.00	-0.82	0.00	8.12	106	33.22	99	-	-	0	2	0	0
NC LINNEUS	62	32	70	25	47	-3	0.00	-1.13	0.00	6.24	84	30.22	91	55	48	0	4	0	0
BRUNSWICK	63	33	70	26	48	-3	0.00	-1.06	0.00	6.19	85	29.90	86	59	49	0	4	0	0
NE NOVELTY	62	33	70	29	47	-3	0.00	-1.08	0.00	6.06	82	32.46	102	58	45	0	4	0	0
MONROE CITY	64	32	71	27	48	-2	0.00	-1.08	0.00	4.39	61	27.74	86	62	49	0	4	0	0
WC GREEN RIDGE	63	36	70	28	49	-2	0.00	-1.12	0.00	8.20	104	30.31	79	57	44	0	1	0	0
C AUXVASSE	63	35	70	31	49	-3	0.00	-1.04	0.00	3.49	49	25.42	75	55	45	0	2	0	0
SANBORN FIELD	63	37	71	31	50	-3	0.00	-0.93	0.00	4.58	64	26.96	76	58	45	0	2	0	0
WILLIAMSBURG	64	32	71	25	48	-3	0.00	-1.08	0.00	4.13	51	23.96	61	56	44	0	3	0	0
COLUMBIA	63	35	71	31	49	-3	0.00	-0.92	0.00	4.21	60	25.70	72	-	-	0	3	0	0
VERSAILLES	65	35	72	29	50	-3	0.00	-1.02	0.00	5.31	67	32.31	89	60	49	0	2	0	0
EC COOK STATION	66	29	72	20	46	-8	0.00	-1.06	0.00	5.75	74	30.41	83	58	50	0	6	0	0
SW LAMAR	63	38	68	32	50	-4	0.00	-0.91	0.00	7.43	82	47.72	118	57	51	0	0	0	0
SC MOUNTAIN GROVE*	65	37	69	34	49	-4	0.00	-1.01	0.00	-	-	-	-	61	47	0	0	0	0
SE DELTA	65	34	71	29	49	-6	0.00	-0.78	0.00	9.02	127	30.04	81	59	49	0	1	0	0
CHARLESTON	65	39	72	34	52	-4	0.00	-0.55	0.00	10.42	156	37.87	99	60	46	0	0	0	0
GLENNONVILLE	66	39	74	33	52	-4	0.00	-0.76	0.00	8.28	125	30.65	88	59	50	0	0	0	0
CLARKTON	65	38	73	33	51	-5	0.00	-0.75	0.00	6.51	97	29.59	83	62	48	0	0	0	0
PORTAGEVILLE DC	66	41	73	35	53	-4	0.00	-0.82	0.00	12.31	160	33.31	87	65	49	0	0	0	0
PORTAGEVILLE LF	66	40	74	34	53	-4	0.00	-0.77	0.00	15.96	212	36.03	95	62	49	0	0	0	0
STEELE	66	40	73	34	53	-4	0.00	-0.71	0.00	9.13	122	27.02	68	63	52	0	0	0	0
CARDWELL	66	39	73	34	52	-5	0.00	-0.93	0.00	10.46	130	32.06	83	63	50	0	0	0	0

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

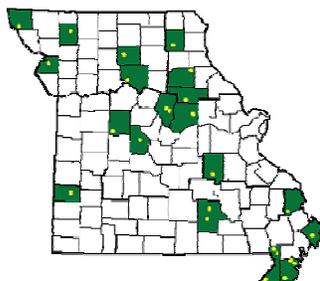
Mississippi: ND = Northern Delta; NE = Northeastern Mississippi; EC = East Central Mississippi; SD = Southern Delta.

Missouri: NW = Northwest; NC = North Central; NE = Northeast; WC = West Central; C = Central; EC = East Central; SW = Southwest; SE = Southeast.

\*New MO Station. (Due to a master station malfunction, some Delta weather data is unavailable but will be updated next week if the data can be recovered.)

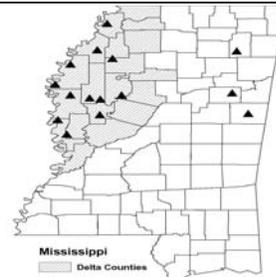
**Weather and Crop Summary for the Mississippi Delta:** Dry conditions prevailed, while temperatures were fairly low at night but quickly rose during the day. The southern Delta experienced the warmest weather, with extreme highs above 80 degrees F. At night, the northern Delta was cooler, with some lows below 40 degrees F. Weekly temperatures averaged slightly below normal.

Missouri Weather Stations



Note: For information on the weather stations in Missouri, please visit:

Mississippi Weather Stations



Note: For information on the weather stations in Mississippi, please visit:

National Weather Data for Selected Cities

Weather Data for the Week Ending November 3, 2007

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 SEP01	PCT. NORMAL SINCE SEP01	TOTAL, IN, SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F			
																90 AND ABOVE	82 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	73	47	78	43	60	2	0.00	-0.85	0.00	5.69	74	27.96	62	89	38	0	0	0	0
AL HUNTSVILLE	71	44	75	38	57	1	0.00	-0.91	0.00	4.68	57	24.88	53	89	45	0	0	0	0
AL MOBILE	77	54	81	45	65	2	0.00	-0.91	0.00	11.48	119	43.68	77	84	50	0	0	0	0
AL MONTGOMERY	76	50	80	45	63	3	0.00	-0.66	0.00	7.97	112	32.37	71	87	41	0	0	0	0
AK ANCHORAGE	39	31	44	26	35	8	0.24	-0.08	0.13	6.41	126	13.83	98	81	73	0	4	2	0
AK BARROW	24	18	27	13	21	15	0.10	0.05	0.04	0.73	66	1.91	49	92	81	0	7	4	0
AK FAIRBANKS	27	9	36	-2	18	7	0.04	-0.13	0.04	2.11	100	10.93	122	89	85	0	7	1	0
AK JUNEAU	43	39	44	34	41	4	3.42	1.88	1.10	20.43	124	52.74	110	92	87	0	0	7	3
AK KODIAK	44	35	46	28	40	3	2.60	0.95	1.29	12.77	76	68.86	111	90	66	0	2	6	3
AK NOME	33	24	37	16	29	7	0.06	-0.24	0.04	4.76	113	11.58	80	79	68	0	7	2	0
AZ FLAGSTAFF	64	27	70	22	45	3	0.00	-0.41	0.00	3.28	78	11.78	61	68	18	0	7	0	0
AZ PHOENIX	90	63	97	58	76	8	0.00	-0.16	0.00	0.11	7	2.75	41	32	16	3	0	0	0
AZ PRESCOTT	74	39	80	36	57	8	0.00	-0.25	0.00	1.88	54	10.69	64	55	13	0	0	0	0
AZ TUCSON	88	57	94	52	72	8	0.00	-0.18	0.00	0.49	18	8.33	79	30	16	1	0	0	0
AR FORT SMITH	69	44	78	40	56	-1	0.00	-1.01	0.00	14.31	179	41.81	116	92	39	0	0	0	0
AR LITTLE ROCK	69	44	76	41	57	0	0.00	-1.15	0.00	10.82	128	36.93	90	86	38	0	0	0	0
CA BAKERSFIELD	73	54	84	50	64	3	0.26	0.16	0.16	0.41	82	2.58	50	85	64	0	0	2	0
CA FRESNO	75	53	80	50	64	5	0.00	-0.21	0.00	0.22	22	4.64	52	88	69	0	0	0	0
CA LOS ANGELES	69	59	81	56	64	0	0.00	-0.15	0.00	1.13	164	2.80	27	84	67	0	0	0	0
CA REDDING	79	49	83	44	64	7	0.02	-0.77	0.02	3.14	104	16.31	65	71	43	0	0	1	0
CA SACRAMENTO	74	48	82	41	61	2	0.00	-0.37	0.00	1.70	120	8.30	62	92	39	0	0	0	0
CA SAN DIEGO	69	59	79	55	64	-1	0.00	-0.18	0.00	0.46	63	2.72	32	82	68	0	0	0	0
CA SAN FRANCISCO	67	52	76	48	59	1	0.00	-0.44	0.00	2.15	149	8.52	57	86	78	0	0	0	0
CA STOCKTON	76	48	83	41	62	3	0.02	-0.29	0.01	1.23	95	6.16	59	81	60	0	0	2	0
CO ALAMOSA	62	21	67	13	41	5	0.00	-0.11	0.00	1.14	71	8.08	124	72	29	0	7	0	0
CO CO SPRINGS	64	31	76	21	48	6	0.00	-0.19	0.00	0.65	30	11.19	68	66	20	0	5	0	0
CO DENVER INTL	64	34	74	29	49	5	0.02	-0.15	0.01	3.58	181	13.17	103	71	23	0	5	2	0
CO GRAND JUNCTION	65	37	69	31	51	6	0.00	-0.19	0.00	2.46	124	7.87	100	59	34	0	1	0	0
CO PUEBLO	69	26	81	14	48	3	0.00	-0.17	0.00	0.44	28	12.59	110	76	32	0	6	0	0
CT BRIDGEPORT	59	40	67	33	49	-1	0.10	-0.73	0.10	5.00	67	35.21	94	72	51	0	0	1	0
CT HARTFORD	59	35	66	29	47	0	0.03	-0.90	0.03	4.61	54	33.05	85	77	40	0	3	1	0
DC WASHINGTON	64	45	74	41	55	2	0.00	-0.67	0.00	7.18	98	28.23	84	75	35	0	0	0	0
DE WILMINGTON	62	38	71	33	50	-1	0.00	-0.64	0.00	6.43	87	35.34	97	83	39	0	0	0	0
DE DAYTONA BEACH	79	70	83	54	74	4	1.48	0.68	0.55	15.31	134	41.33	94	85	60	0	0	5	1
FL JACKSONVILLE	74	59	80	46	67	2	0.01	-0.52	0.01	14.45	121	43.26	91	92	66	0	0	1	0
FL KEY WEST	86	78	87	75	82	4	0.25	-0.56	0.12	20.91	207	37.48	109	76	59	0	0	3	0
FL MIAMI	85	73	87	67	79	2	2.24	1.13	0.85	18.03	120	64.55	121	85	59	0	0	5	2
FL ORLANDO	81	68	87	55	75	3	0.95	0.49	0.35	14.86	171	37.51	85	94	65	0	0	6	0
FL PENSACOLA	78	57	81	51	67	2	0.00	-0.97	0.00	22.16	215	47.74	85	77	47	0	0	0	0
FL TALLAHASSEE	77	56	83	45	67	3	0.00	-0.79	0.00	8.88	103	40.31	73	81	50	0	0	0	0
FL TAMPA	83	68	86	58	75	2	0.05	-0.20	0.05	7.13	80	40.78	100	85	54	0	0	1	0
FL WEST PALM BEACH	83	71	85	60	77	1	1.46	0.20	0.54	20.39	145	60.75	114	87	67	0	0	6	1
GA ATHENS	70	43	77	36	57	0	0.00	-0.82	0.00	3.65	50	24.65	60	82	37	0	0	0	0
GA ATLANTA	69	48	75	40	58	0	0.00	-0.77	0.00	5.50	73	26.44	62	76	43	0	0	0	0
GA AUGUSTA	75	43	82	36	59	1	0.00	-0.69	0.00	2.78	39	26.26	67	87	40	0	0	0	0
GA COLUMBUS	74	52	79	47	63	2	0.00	-0.66	0.00	3.44	60	30.93	76	78	38	0	0	0	0
GA MACON	74	45	79	36	59	0	0.00	-0.59	0.00	4.51	77	31.96	84	88	38	0	0	0	0
GA SAVANNAH	73	55	82	46	64	1	0.00	-0.62	0.00	12.01	142	40.80	91	85	58	0	0	0	0
HI HILO	82	67	84	64	74	-1	3.80	0.71	2.70	19.77	98	81.50	80	87	80	0	0	7	1
HI HONOLULU	85	73	86	69	79	0	0.20	-0.32	0.11	0.81	26	3.64	27	73	65	0	0	2	0
HI KAHULUI	85	68	90	64	77	0	0.22	-0.15	0.09	0.58	36	4.77	35	87	73	1	0	3	0
HI LIHUE	83	72	84	67	78	1	0.40	-0.66	0.37	1.24	17	13.30	44	77	68	0	0	4	0
ID BOISE	59	36	63	32	48	1	0.16	-0.06	0.08	1.82	112	6.06	64	76	53	0	2	2	0
ID LEWISTON	55	32	61	26	43	-3	0.01	-0.24	0.01	1.48	79	6.18	58	77	61	0	4	1	0
ID POCATELLO	55	29	66	23	42	0	0.28	0.06	0.22	3.20	163	9.30	89	89	62	0	6	2	0
IL CHICAGO/O'HARE	59	37	66	31	48	2	0.00	-0.67	0.00	2.96	47	31.45	101	69	39	0	1	0	0
IL MOLINE	62	33	72	28	48	2	0.00	-0.66	0.00	3.34	54	37.94	114	71	32	0	4	0	0
IL PEORIA	61	35	68	29	48	1	0.00	-0.62	0.00	3.47	56	31.76	103	79	27	0	3	0	0
IL ROCKFORD	60	33	69	28	47	2	0.00	-0.58	0.00	3.63	58	34.46	107	75	36	0	3	0	0
IL SPRINGFIELD	62	33	68	27	47	-2	0.00	-0.61	0.00	4.51	79	27.09	89	83	26	0	4	0	0
IN EVANSVILLE	64	36	71	33	50	-2	0.00	-0.78	0.00	6.87	112	29.69	80	85	36	0	0	0	0
IN FORT WAYNE	59	32	65	28	45	-2	0.00	-0.64	0.00	4.91	86	32.16	103	86	38	0	4	0	0
IN INDIANAPOLIS	60	36	68	33	48	-1	0.00	-0.73	0.00	4.68	79	29.87	86	82	35	0	0	0	0
IN SOUTH BEND	57	35	63	28	46	0	0.00	-0.74	0.00	6.11	83	35.67	106	79	41	0	2	0	0
IA BURLINGTON	64	36	71	31	50	2	0.00	-0.61	0.00	3.47	51	34.40	103	73	27	0	4	0	0
IA CEDAR RAPIDS	59	32	69	26	46	1	0.00	-0.50	0.00	7.20	126	36.11	121	82	34	0	5	0	0
IA DES MOINES	61	36	70	30	48	2	0.00	-0.57	0.00	9.08	151	38.65	123	72	36	0	3	0	0
IA DUBUQUE	58	32	69	27	45	1	0.00	-0.57	0.00	7.72	122	37.13	118	74	44	0	4	0	0
IA SIOUX CITY	62	30	71	22	46	3	0.00	-0.40	0.00	7.63	167	38.90	161	75	36	0	5	0	0
IA WATERLOO	61	32	71	24	47	4	0.00	-0.55	0.00	8.11	143	40.72	135	80	39	0	4	0	0
KS CONCORDIA	63	36	74	28	50	1	0.00	-0.36	0.00	9.95	222	28.61	109	71	39	0	3	0	0
KS DODGE CITY	67	33	83	26	50	0	0.00	-0.29	0.00	1.76	54	17.33	84	71	24	0	5	0	0
KS GOODLAND	67	32	83	25	49	5	0.00	-0.24	0.00	1.76	78	14.01	75	70	30	0	4	0	0
KS TOPEKA	64	34	73	27	49	-1	0.00	-0.60	0.00	8.02	115	36.75	114	84	37	0	5	0	0

Based on 1971-2000 normals

\*\*\* Not Available

Weather Data for the Week Ending November 3, 2007

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 SEP01	PCT. NORMAL SINCE SEP01	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	66	38	73	32	52	0	0.00	-0.47	0.00	5.50	98	35.93	131	80	42	0	2	0	0	0
	JACKSON	63	39	71	33	51	-2	0.00	-0.78	0.00	6.30	86	26.76	65	75	28	0	0	0	0	0
	LEXINGTON	61	36	69	29	49	-2	0.00	-0.63	0.00	7.43	122	34.41	89	77	40	0	1	0	0	0
	LOUISVILLE	65	39	73	37	52	-1	0.00	-0.71	0.00	11.59	188	35.80	96	76	31	0	0	0	0	0
	PADUCAH	66	34	73	30	50	-2	0.00	-0.83	0.00	7.81	106	34.08	84	90	33	0	3	0	0	0
LA	BATON ROUGE	79	55	83	52	67	4	0.00	-0.81	0.00	6.58	73	46.03	86	90	45	0	0	0	0	0
	LAKE CHARLES	80	55	84	52	67	2	0.00	-0.90	0.00	9.26	90	58.44	121	85	40	0	0	0	0	0
	NEW ORLEANS	76	59	81	57	68	3	0.09	-0.76	0.09	11.36	126	47.88	88	88	62	0	0	1	0	0
	SHREVEPORT	75	50	80	46	63	2	0.00	-1.07	0.00	3.68	45	39.94	94	83	43	0	0	0	0	0
ME	CARIBOU	47	27	57	23	37	-1	1.88	1.19	1.81	7.55	115	31.64	101	91	53	0	6	2	1	1
	PORTLAND	55	33	63	28	44	1	1.05	-0.04	0.88	10.75	130	39.21	105	83	46	0	4	4	1	1
MD	BALTIMORE	63	39	73	34	51	1	0.00	-0.66	0.00	6.22	84	29.45	82	79	37	0	0	0	0	0
MA	BOSTON	58	42	69	37	50	0	0.85	-0.06	0.85	4.75	62	32.45	92	74	44	0	0	1	1	1
	WORCESTER	53	37	61	29	45	0	0.58	-0.49	0.58	5.69	61	35.97	87	81	38	0	1	1	1	1
MI	ALPENA	56	28	64	22	42	2	0.08	-0.42	0.08	5.34	100	23.44	95	85	42	0	6	1	0	0
	GRAND RAPIDS	58	35	65	27	47	3	0.03	-0.60	0.03	4.52	61	29.15	93	79	38	0	3	1	0	0
	HOUGHTON LAKE	54	28	62	19	41	0	0.08	-0.42	0.08	3.25	58	21.84	88	83	48	0	6	1	0	0
	LANSING	56	35	63	29	45	1	0.06	-0.48	0.06	5.51	92	28.36	105	78	44	0	3	1	0	0
	MUSKOGON	55	38	60	28	46	2	0.00	-0.69	0.00	5.02	76	26.57	97	82	54	0	4	0	0	0
	TRAVERSE CITY	55	34	66	28	45	2	0.09	-0.54	0.09	3.98	59	17.53	62	90	41	0	4	1	0	0
MN	DULUTH	54	32	63	23	43	7	0.01	-0.49	0.01	11.33	166	27.07	96	76	45	0	4	1	0	0
	INT'L FALLS	52	27	67	18	39	5	0.14	-0.22	0.14	8.49	165	23.75	108	87	45	0	5	1	0	0
	MINNEAPOLIS	59	37	70	31	48	7	0.00	-0.51	0.00	10.29	205	33.41	125	70	44	0	3	0	0	0
	ROCHESTER	59	35	69	28	47	7	0.00	-0.50	0.00	10.81	195	39.81	139	74	44	0	3	0	0	0
	ST. CLOUD	59	29	66	21	44	6	0.00	-0.48	0.00	8.88	165	25.45	101	85	34	0	5	0	0	0
MS	JACKSON	75	47	82	41	61	2	0.00	-0.96	0.00	6.08	86	29.83	65	89	43	0	0	0	0	0
	MERIDIAN	75	45	79	40	60	0	0.00	-0.87	0.00	5.43	74	30.95	63	95	49	0	0	0	0	0
	TUPELO	71	44	77	39	57	1	0.00	-0.87	0.00	12.49	175	37.57	83	87	47	0	0	0	0	0
MO	COLUMBIA	63	35	70	30	49	-1	0.00	-0.76	0.00	6.67	96	27.96	81	74	33	0	2	0	0	0
	KANSAS CITY	63	36	72	27	50	0	0.00	-0.55	0.00	10.25	125	31.88	93	73	34	0	2	0	0	0
	SAINT LOUIS	63	37	70	31	50	-2	0.00	-0.72	0.00	3.68	61	26.59	82	72	32	0	1	0	0	0
	SPRINGFIELD	64	37	69	31	51	-1	0.00	-0.84	0.00	7.19	83	39.82	106	80	42	0	1	0	0	0
MT	BILLINGS	60	36	71	27	48	7	0.30	0.09	0.30	4.22	157	15.77	118	65	31	0	2	1	0	0
	BUTTE	54	22	64	15	38	3	0.07	-0.07	0.04	3.72	192	12.27	105	79	22	0	7	2	0	0
	CUT BANK	53	32	65	16	43	7	0.00	-0.08	0.00	3.74	221	5.45	46	58	22	0	4	0	0	0
	GLASGOW	57	29	72	20	43	6	0.00	-0.11	0.00	2.40	138	14.39	137	69	42	0	5	0	0	0
	GREAT FALLS	55	35	65	22	45	6	0.00	-0.17	0.00	2.33	104	11.07	81	58	21	0	4	0	0	0
	HAVRE	58	29	69	18	43	6	0.01	-0.07	0.01	1.96	116	11.81	112	59	31	0	5	1	0	0
	MISSOULA	53	26	57	20	39	0	0.00	-0.18	0.00	2.10	106	8.74	74	75	54	0	6	0	0	0
NE	GRAND ISLAND	64	36	74	27	50	6	0.00	-0.33	0.00	6.14	150	37.77	158	67	34	0	3	0	0	0
	LINCOLN	63	32	73	25	47	1	0.00	-0.39	0.00	7.75	154	33.39	128	76	35	0	5	0	0	0
	NORFOLK	62	32	72	23	47	4	0.00	-0.36	0.00	7.66	186	34.30	139	74	37	0	5	0	0	0
	NORTH PLATTE	65	26	79	20	45	3	0.00	-0.23	0.00	3.22	122	23.65	127	75	23	0	6	0	0	0
	OMAHA	62	34	74	28	48	2	0.00	-0.44	0.00	9.51	171	38.70	140	78	39	0	3	0	0	0
	SCOTTSBLUFF	65	27	75	24	46	5	0.01	-0.18	0.01	0.90	39	8.33	55	77	37	0	6	1	0	0
	VALENTINE	66	28	81	22	47	6	0.00	-0.20	0.00	3.74	129	25.09	135	72	26	0	6	0	0	0
NV	ELY	61	25	70	12	43	4	0.09	-0.10	0.08	1.25	62	6.07	68	75	41	0	7	2	0	0
	LAS VEGAS	80	59	87	54	70	8	0.00	-0.05	0.00	0.67	118	2.12	56	31	20	0	0	0	0	0
	RENO	64	37	72	29	50	4	0.20	0.08	0.16	0.67	72	2.49	42	81	57	0	1	2	0	0
	WINNEMUCCA	62	26	70	15	44	1	0.49	0.32	0.37	1.41	112	5.81	86	83	51	0	5	2	0	0
NH	CONCORD	56	31	65	25	43	0	0.34	-0.49	0.34	7.28	104	34.28	109	83	39	0	3	1	0	0
NJ	NEWARK	60	42	68	38	51	0	0.00	-0.76	0.00	5.52	74	47.41	121	73	42	0	0	0	0	0
NM	ALBUQUERQUE	69	43	73	39	56	5	0.00	-0.19	0.00	0.90	42	8.84	105	45	19	0	0	0	0	0
NY	ALBANY	55	33	64	29	44	0	0.00	-0.76	0.00	8.24	120	37.43	115	84	41	0	4	0	0	0
	BINGHAMTON	54	35	66	30	45	2	0.07	-0.61	0.05	7.54	109	32.09	98	81	47	0	1	2	0	0
	BUFFALO	57	36	66	30	47	1	0.14	-0.65	0.13	6.42	87	25.68	77	84	47	0	2	2	0	0
	ROCHESTER	56	33	68	28	45	0	0.14	-0.45	0.10	5.60	89	23.87	83	84	46	0	4	2	0	0
	SYRACUSE	57	35	69	27	46	1	0.04	-0.70	0.04	7.29	95	31.84	95	85	42	0	3	1	0	0
NC	ASHEVILLE	64	33	69	27	49	-1	0.00	-0.82	0.00	6.43	89	28.85	72	89	39	0	4	0	0	0
	CHARLOTTE	67	40	76	33	54	-3	0.00	-0.80	0.00	3.61	46	23.92	64	87	35	0	0	0	0	0
	GREENSBORO	66	42	75	36	54	0	0.00	-0.63	0.00	7.49	96	27.45	73	74	31	0	0	0	0	0
	HATTERAS	69	59	75	56	64	3	0.15	-1.09	0.10	11.82	103	31.56	65	82	56	0	0	2	0	0
	RALEIGH	68	41	78	33	54	-1	0.00	-0.64	0.00	6.92	90	30.98	83	88	41	0	0	0	0	0
	WILMINGTON	71	49	81	42	60	0	0.00	-0.57	0.00	6.89	67	29.98	60	85	44	0	0	0	0	0
ND	BISMARCK	61	25	75	18	43	6	0.02	-0.20	0.02	2.63	88	18.84	119	76	37	0	7	1	0	0
	DICKINSON	59	27	74	18	43	5	0.01	-0.20	0.01	1.66	55	16.59	107	72	21	0	6	1	0	0
	FARGO	57	30	66	26	44	7	0.04	-0.33	0.04	5.33	124	24.59	125	78	41	0	6	1	0	0
	GRAND FORKS	55	25	69	22	40	4	0.07	-0.25	0.07	3.90	103	20.24	111	84	37	0	6	1	0	0
	JAMESTOWN	58	27	69	21	42	5	0.01	-0.22	0.01	4.45	138	20.29	116	82	31	0	7	1	0	0
	WILLISTON	57	24	71	18	41	6	0.02	-0.12	0.02	2.00	88	14.58	112	77	44	0	7	1	0	0
OH	AKRON-CANTON	57	32	64	29	45	-1	0.03	-0.54	0.02	6.10	98	33.22	102	82	51	0	4	2	0	0
	CINCINNATI	60	33	66	29	47	-3	0.00	-0.76	0.00	10.05	164	29.15	81	88	41	0	3	0	0	0

Weather Data for the Week Ending November 3, 2007

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 SEPT01	PCT. NORMAL SINCE SEPT01	TOTAL IN. SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP	
																90 AND ABOVE	32 AND BELOW	01 INCH OR MORE	50 INCH OR MORE
OK TOLEDO	59	32	65	26	45	-1	0.00	-0.56	0.00	3.26	60	30.17	108	87	39	0	5	0	0
OK YOUNGSTOWN	58	29	64	25	44	-2	0.02	-0.52	0.02	4.51	68	30.56	95	81	39	0	5	1	0
OK OKLAHOMA CITY	70	46	75	43	58	2	0.00	-0.60	0.00	10.88	138	54.42	170	80	37	0	0	0	0
OR TULSA	67	44	72	38	55	-1	0.00	-0.80	0.00	13.87	152	48.71	132	83	46	0	0	0	0
OR ASTORIA	55	35	58	30	45	-4	0.04	-1.89	0.02	9.19	101	47.21	100	94	83	0	3	2	0
OR BURNS	58	22	63	15	40	1	0.02	-0.18	0.02	1.21	92	6.46	78	80	55	0	7	1	0
OR EUGENE	56	34	67	29	45	-3	0.02	-1.39	0.02	6.50	117	23.11	66	98	88	0	3	1	0
OR MEDFORD	63	40	69	31	51	2	0.16	-0.32	0.09	2.97	129	11.84	93	91	60	0	1	2	0
OR PENDLETON	58	29	68	25	44	-3	0.00	-0.31	0.00	1.63	93	7.91	81	78	57	0	6	0	0
OR PORTLAND	58	38	63	32	48	-2	0.03	-0.96	0.02	5.14	103	20.47	78	93	78	0	1	2	0
OR SALEM	57	33	65	28	45	-4	0.02	-1.08	0.02	7.01	141	24.25	88	96	80	0	4	1	0
PA ALLENTOWN	59	34	66	30	47	0	0.00	-0.76	0.00	6.76	84	35.99	94	81	42	0	3	0	0
PA ERIE	57	37	67	32	47	-1	0.22	-0.63	0.19	4.56	51	31.54	89	68	43	0	1	2	0
PA MIDDLETOWN	60	36	67	34	48	-2	0.00	-0.69	0.00	7.82	116	34.98	103	92	37	0	0	0	0
PA PHILADELPHIA	61	42	69	38	52	0	0.00	-0.61	0.00	5.24	76	36.31	101	76	42	0	0	0	0
PA PITTSBURGH	59	31	67	28	45	-2	0.04	-0.51	0.04	5.01	88	33.53	104	82	32	0	4	1	0
PA WILKES-BARRE	57	33	67	29	45	-2	0.01	-0.64	0.01	9.23	129	35.65	111	85	37	0	3	1	0
PA WILLIAMSPORT	59	31	63	28	45	-1	0.00	-0.74	0.00	4.48	60	27.97	79	89	43	0	4	0	0
RI PROVIDENCE	59	40	69	34	49	0	0.74	-0.22	0.74	5.11	65	36.05	94	75	45	0	0	1	1
SC BEAUFORT	73	54	82	47	63	0	0.00	-0.63	0.00	10.34	121	32.37	73	86	50	0	0	0	0
SC CHARLESTON	73	53	81	45	63	1	0.00	-0.58	0.00	12.96	139	37.64	82	80	48	0	0	0	0
SC COLUMBIA	71	44	79	34	57	-2	0.00	-0.66	0.00	2.33	33	25.27	60	85	41	0	0	0	0
SC GREENVILLE	69	42	76	34	55	0	0.00	-0.86	0.00	2.91	35	25.06	58	79	32	0	0	0	0
SD ABERDEEN	59	23	71	16	41	3	0.01	-0.28	0.01	3.17	89	27.51	143	86	43	0	7	1	0
SD HURON	62	30	73	23	46	6	0.00	-0.29	0.00	4.28	122	30.31	154	81	33	0	5	0	0
SD RAPID CITY	65	28	76	23	46	5	0.00	-0.24	0.00	1.60	62	12.91	82	62	17	0	6	0	0
SD SIOUX FALLS	60	32	70	23	46	6	0.00	-0.39	0.00	8.31	178	30.31	132	73	37	0	5	0	0
TN BRISTOL	66	32	71	27	49	-1	0.00	-0.54	0.00	2.33	41	17.93	51	91	28	0	5	0	0
TN CHATTANOOGA	71	44	75	37	58	3	0.00	-0.86	0.00	5.56	70	28.57	63	92	51	0	0	0	0
TN KNOXVILLE	68	40	72	34	54	1	0.00	-0.69	0.00	2.72	45	25.71	64	86	38	0	0	0	0
TN MEMPHIS	70	47	76	41	58	0	0.00	-0.96	0.00	5.35	76	26.57	61	84	35	0	0	0	0
TN NASHVILLE	67	40	74	34	54	0	0.00	-0.76	0.00	6.26	92	24.97	63	87	38	0	0	0	0
TX ABILENE	74	46	80	39	60	0	0.00	-0.48	0.00	3.14	52	34.17	160	79	42	0	0	0	0
TX AMARILLO	68	37	81	32	53	1	0.00	-0.26	0.00	4.51	129	21.23	115	63	25	0	1	0	0
TX AUSTIN	78	45	82	40	61	-4	0.01	-0.78	0.01	2.61	36	44.28	153	79	44	0	0	1	0
TX BEAUMONT	79	55	83	50	67	1	0.00	-1.00	0.00	10.11	90	54.94	109	92	40	0	0	0	0
TX BROWNSVILLE	84	61	86	57	72	0	0.00	-0.56	0.00	6.34	68	30.19	121	91	60	0	0	0	0
TX CORPUS CHRISTI	81	54	84	51	67	-3	0.02	-0.56	0.02	4.19	46	40.82	141	95	52	0	0	1	0
TX DEL RIO	79	51	83	46	65	-1	0.00	-0.30	0.00	4.26	102	29.37	177	80	48	0	0	0	0
TX EL PASO	78	46	81	41	62	3	0.00	-0.07	0.00	1.80	73	8.64	104	44	18	0	0	0	0
TX FORT WORTH	75	53	81	49	64	3	0.00	-0.80	0.00	7.74	113	45.70	153	77	39	0	0	0	0
TX GALVESTON	77	62	82	58	69	-1	0.00	-0.72	0.00	8.92	93	45.61	123	91	57	0	0	0	0
TX HOUSTON	80	55	83	51	67	1	0.00	-1.02	0.00	9.92	107	57.72	143	90	53	0	0	0	0
TX LUBBOCK	72	40	80	32	56	2	0.00	-0.22	0.00	2.48	57	22.83	131	67	34	0	1	0	0
TX MIDLAND	75	39	81	33	57	-1	0.18	-0.04	0.08	1.66	40	20.34	150	70	33	0	0	4	0
TX SAN ANGELO	78	40	87	36	59	-1	0.00	-0.38	0.00	3.32	59	30.95	163	84	40	0	0	0	0
TX SAN ANTONIO	79	52	81	48	66	0	0.00	-0.79	0.00	1.84	26	46.47	162	85	39	0	0	0	0
TX VICTORIA	80	52	83	48	66	-2	0.03	-0.69	0.01	8.14	85	67.95	193	96	56	0	0	3	0
TX WACO	76	47	82	40	62	-1	0.00	-0.67	0.00	4.55	67	45.48	161	89	46	0	0	0	0
TX WICHITA FALLS	75	46	82	44	61	3	0.00	-0.52	0.00	4.86	75	32.70	127	75	38	0	0	0	0
UT SALT LAKE CITY	59	37	66	29	48	2	0.01	-0.32	0.01	3.62	119	9.69	69	83	46	0	1	1	0
VT BURLINGTON	53	33	62	28	43	0	0.21	-0.49	0.12	7.81	108	31.09	100	83	41	0	3	2	0
VA LYNCHBURG	63	34	71	30	49	-2	0.00	-0.69	0.00	6.18	82	33.67	91	94	36	0	4	0	0
VA NORFOLK	65	47	76	40	56	0	0.00	-0.72	0.00	4.04	52	28.28	71	87	46	0	0	0	0
VA RICHMOND	66	41	75	35	53	0	0.00	-0.74	0.00	4.65	59	33.72	89	83	37	0	0	0	0
VA ROANOKE	65	35	70	31	50	-2	0.00	-0.70	0.00	6.44	88	27.01	74	79	35	0	2	0	0
VA WASH/DULLES	64	37	72	31	50	0	0.00	-0.75	0.00	4.92	66	22.58	63	74	35	0	2	0	0
WA OLYMPIA	***	***	***	***	***	***	***	***	***	7.31	106	33.14	94	***	***	***	***	***	***
WA QUILLAYUTE	53	35	56	30	44	-3	0.96	-2.05	0.60	17.19	112	90.98	123	93	87	0	2	4	1
WA SEATTLE-TACOMA	53	39	59	32	46	-3	0.04	-1.06	0.02	6.60	124	26.33	101	88	74	0	1	2	0
WA SPOKANE	52	28	58	21	40	-1	0.00	-0.37	0.00	1.68	84	8.89	72	79	40	0	7	0	0
WA YAKIMA	57	24	60	21	41	-2	0.00	-0.16	0.00	0.80	81	3.04	52	83	54	0	7	0	0
WV BECKLEY	59	30	69	26	44	-4	0.01	-0.56	0.01	5.20	85	33.20	92	82	40	0	6	1	0
WV CHARLESTON	63	31	72	29	47	-3	0.00	-0.69	0.00	4.99	78	28.83	77	94	29	0	5	0	0
WV ELKINS	59	24	70	20	42	-3	1.00	0.34	0.99	9.13	131	41.63	105	100	29	0	7	2	1
WV HUNTINGTON	63	32	72	28	47	-3	0.01	-0.67	0.01	4.16	71	25.27	70	90	27	0	5	1	0
WI EAU CLAIRE	58	34	69	24	46	6	0.00	-0.47	0.00	9.45	153	28.44	97	81	37	0	3	0	0
WI GREEN BAY	57	35	67	29	46	5	0.00	-0.51	0.00	7.86	143	25.38	99	77	38	0	2	0	0
WI LA CROSSE	61	38	69	30	50	7	0.00	-0.48	0.00	6.37	110	38.25	131	73	35	0	3	0	0
WI MADISON	58	36	68	29	47	4	0.00	-0.52	0.00	5.86	107	40.46	139	69	43	0	2	0	0
WI MILWAUKEE	58	38	67	31	48	3	0.00	-0.58	0.00	4.90	81	29.31	97	66	40	0	1	0	0
WY CASPER	59	27	70	14	43	4	0.07	-0.14	0.07	1.91	87	14.28	122	65	37	0	6	1	0
WY CHEYENNE	60	30	72	25	45	6	0.00	-0.13	0.00	2.52	113	13.51	94	61	32	0	5	0	0
WY LANDER	58	30	69	25	44	5	0.17	-0.09	0.17	1.65	63	8.50	71	77	27	0	5	1	0
WY SHERIDAN	61	27	75	22	44	6	0.21	-0.03	0.18	4.29	149	15.91	119	72	42	0	6	4	0

Based on 1971-2000 normals

\*\*\* Not Available

## National Agricultural Summary

October 29 - November 4, 2007

Weekly National Agricultural Summary provided by USDA/NASS

### HIGHLIGHTS

**Weather conditions favored winter wheat emergence and spring crop harvest, as nearly the entire Nation received little or no precipitation during the week. Light and isolated showers fell along the Atlantic Coast of Florida and in New England, with accumulations of 1 to 4 inches. There were also isolated snow showers in the Rockies. Elsewhere, isolated showers were observed in portions of the Corn Belt and Great Lakes. Frost was experienced as far south as the southern Mid-Atlantic States and southern Appalachians. In the West, temperatures**

**ranged from 3 degrees F below normal in the Pacific Northwest to 6 degrees F above normal farther south. From the northern Great Plains eastward into the northern Corn Belt, temperatures were as much as 6 degrees F above normal, with highs near 70 degrees F. Southeastern and Northeastern temperatures remained mostly near normal, while the east-central part of the Nation experienced slightly below-average temperatures. The Atlantic Coast remained breezy, as a tropical storm lingered to the south.**

**Corn:** Eighty-six percent of corn acreage was harvested nationwide, 7 and 6 points above last year and the 5-year average, respectively. Warm, dry conditions aided harvest progress, with Iowa and the Dakotas advancing 20 or more points during the week. Minnesota, Missouri, and the Dakotas were lagging last year's pace, while all other States were at or ahead. Colorado, Indiana, Michigan, and Ohio harvests were ahead of last year's pace by more than 20 points. When compared with normal, harvest in all States, except Missouri and Pennsylvania, was ahead of the normal pace. Harvest was complete in North Carolina and Tennessee, and nearly complete in Illinois, Kansas, Kentucky, and Texas.

**Soybeans:** Soybean harvest, at 92 percent, was 2 points ahead of last year and the 5-year average. Most of the Corn Belt's producers had nearly completed harvest, while producers in the central Great Plains advanced more than 11 points during the week. In Iowa, South Dakota, and Wisconsin, harvest was behind last year and normal by 1 to 5 points. Harvest progress in Arkansas, Minnesota, Mississippi, North Carolina, North Dakota, and Tennessee was lagging last year but was at or ahead of normal. When compared with normal, Nebraska was lagging by 2 points.

**Winter Wheat:** Producers had planted 92 percent of the wheat crop, 1 point behind last year and normal. Planting of winter wheat was complete in Colorado, Montana, Nebraska, Ohio, South Dakota, and Washington, while planting in Idaho, Illinois, Indiana, Kansas, and Michigan neared completion. When compared with last year's pace, Kansas, Missouri, and Oregon were lagging. Planting in Arkansas, Idaho, North Carolina, Oklahoma, and Texas was behind last year's pace as well as the normal pace. Emergence, at 76 percent nationally, was 4 and 5 points behind last year and normal, respectively. Rapid development was evident in Arkansas, Illinois, Michigan, Missouri, and Montana, where emergence advanced 10 or more points during the week. Acreage in Arkansas, Kansas, North Carolina, Oklahoma, and Texas was emerging behind both last year's and the 5-year average pace. When compared with the previous year, Idaho, Missouri, and Oregon were behind, and when compared with the 5-year average, California and Washington were lagging.

**Cotton:** Sixty-five percent of acreage was harvested, ahead of last year and normal by 5 and 7 points, respectively. In Georgia and Oklahoma, cotton harvest was lagging last year and normal. In Louisiana and Mississippi, harvest was lagging last year's pace, while in California, producers were ahead of last year but lagging the 5-year average harvest pace. In Kansas, Missouri, South Carolina, and Virginia, harvest was ahead of last year and normal by at least 20 points.

**Sorghum:** Nationally, 85 percent of acreage was harvested, 17 and 14 points ahead of last year and normal, respectively. Sorghum harvest was complete in Arkansas and Louisiana, and was nearly complete in Illinois. Missouri producers were lagging last year's pace, but all other States were at or ahead. Producers in all States were reaping at or ahead of the 5-year average pace. New Mexico's harvest was ahead of last year and normal by 60 and 49 points, respectively.

**Peanuts:** Harvest progress, at 75 percent complete, was behind last year and normal by 1 and 8 points, respectively. Oklahoma's harvest progressed 21 points during the week. All States were ahead of last year's pace except Georgia and Texas. Compared with normal, all States were ahead except Alabama, Florida, and Georgia.

**Other Crops:** Sugarbeet harvest was 95 percent complete, 3 and 1 points ahead of last year and normal, respectively. Harvest was complete in Minnesota and North Dakota, and was ahead of last year's pace in all other States. Michigan was the only State lagging the normal pace.

Seventy-four percent of the Nation's sunflower acreage was harvested, lagging last year's pace by 7 points but 2 points ahead of normal. Producers were making rapid harvest progress in the Dakotas, advancing 25 or more points during the week. However, producers in North Dakota and South Dakota lagged last year's pace by 10 and 8 points, respectively. In Kansas, producers were harvesting 5 points behind the normal pace.

## Crop Progress and Condition

### Week Ending November 4, 2007

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

Corn Percent Harvested				
	Nov 4 2007	Prev Week	Prev Year	5-Yr Avg
CO	81	68	60	64
IL	98	95	91	92
IN	91	81	62	77
IA	83	63	82	82
KS	96	91	92	94
KY	99	98	93	96
MI	69	52	43	61
MN	89	73	93	80
MO	92	88	94	93
NE	82	63	70	75
NC	100	100	100	97
ND	80	55	91	72
OH	77	59	45	64
PA	67	51	65	69
SD	72	50	74	69
TN	100	100	100	99
TX	99	97	99	98
WI	67	55	56	59
18 Sts	86	73	79	80
These 18 States harvested 95% of last year's corn acreage.				

Winter Wheat Percent Planted				
	Nov 4 2007	Prev Week	Prev Year	5-Yr Avg
AR	60	46	68	61
CA	30	28	19	27
CO	100	100	100	100
ID	99	98	100	100
IL	99	97	95	94
IN	98	94	92	93
KS	97	91	98	97
MI	99	96	82	96
MO	81	65	83	77
MT	100	99	96	99
NE	100	100	100	100
NC	33	16	51	42
OH	100	100	81	93
OK	89	84	95	95
OR	92	85	97	89
SD	100	100	100	100
TX	83	80	88	87
WA	100	99	100	99
18 Sts	92	88	93	93
These 18 States planted 92% of last year's winter wheat acreage.				

Cotton Percent Harvested				
	Nov 4 2007	Prev Week	Prev Year	5-Yr Avg
AL	80	71	75	65
AZ	55	45	49	53
AR	93	85	80	78
CA	66	48	64	69
GA	43	30	67	57
KS	45	10	25	18
LA	95	90	96	90
MS	96	90	98	88
MO	97	89	63	71
NC	78	66	60	55
OK	40	24	52	46
SC	70	57	47	49
TN	90	83	73	67
TX	39	27	34	38
VA	85	70	55	56
15 Sts	65	54	60	58
These 15 States harvested 99% of last year's cotton acreage.				

Soybeans Percent Harvested				
	Nov 4 2007	Prev Week	Prev Year	5-Yr Avg
AR	80	70	85	78
IL	98	95	94	95
IN	96	91	84	92
IA	96	88	97	99
KS	87	68	85	83
KY	84	73	64	69
LA	99	96	99	91
MI	91	77	75	87
MN	97	93	100	97
MS	98	95	100	95
MO	84	70	83	79
NE	94	79	94	96
NC	26	19	27	21
ND	98	93	99	96
OH	97	91	76	87
SD	95	84	100	98
TN	77	68	79	66
WI	86	70	88	87
18 Sts	92	84	90	90
These 18 States harvested 96% of last year's soybean acreage.				

Winter Wheat Percent Emerged				
	Nov 4 2007	Prev Week	Prev Year	5-Yr Avg
AR	40	30	54	44
CA	10	8	8	11
CO	99	93	99	98
ID	76	69	83	75
IL	88	78	73	78
IN	91	82	58	74
KS	78	73	87	86
MI	94	81	54	80
MO	59	45	60	59
MT	94	83	80	85
NE	100	96	100	98
NC	6	5	25	21
OH	95	93	45	76
OK	68	63	79	86
OR	60	52	75	59
SD	97	93	97	92
TX	58	55	75	73
WA	89	86	89	90
18 Sts	76	70	80	81
These 18 States planted 92% of last year's winter wheat acreage.				

Sorghum Percent Harvested				
	Nov 4 2007	Prev Week	Prev Year	5-Yr Avg
AR	100	100	100	100
CO	69	54	37	59
IL	99	95	85	86
KS	82	64	64	68
LA	100	100	100	100
MO	86	77	91	86
NE	82	56	73	79
NM	70	55	10	21
OK	70	57	48	62
SD	91	80	89	87
TX	94	93	76	74
11 Sts	85	73	68	71
These 11 States harvested 98% of last year's sorghum acreage.				

Sugarbeets Percent Harvested				
	Nov 4 2007	Prev Week	Prev Year	5-Yr Avg
ID	91	77	87	86
MI	75	38	64	82
MN	100	97	100	99
ND	100	100	100	100
4 Sts	95	86	92	94
These 4 States harvested 81% of last year's sugarbeets acreage.				

## Crop Progress and Condition

### Week Ending November 4, 2007

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

Peanuts Percent Harvested				
	Nov 4 2007	Prev Week	Prev Year	5-Yr Avg
AL	69	55	61	84
FL	90	80	89	95
GA	70	57	77	87
NC	93	90	92	89
OK	77	56	66	66
SC	96	84	89	86
TX	65	49	68	53
VA	95	80	86	86
<b>8 Sts</b>	<b>75</b>	<b>62</b>	<b>76</b>	<b>83</b>
These 8 States harvested 98% of last year's peanut acreage.				

Sunflower Percent Harvested				
	Nov 4 2007	Prev Week	Prev Year	5-Yr Avg
CO	84	75	77	73
KS	65	62	65	70
ND	78	50	88	70
SD	67	42	75	75
<b>4 Sts</b>	<b>74</b>	<b>50</b>	<b>81</b>	<b>72</b>
These 4 States harvested 87% of last year's sunflower acreage.				

Winter Wheat Crop Condition by Percent					
	VP	P	F	G	EX
AR	0	0	33	53	14
CA	0	0	15	72	13
CO	5	13	23	43	16
ID	0	0	15	76	9
IL	0	1	25	61	13
IN	0	2	20	63	15
KS	3	11	31	47	8
MI	0	0	15	70	15
MO	0	2	30	66	2
MT	1	3	53	40	3
NE	0	2	28	65	5
NC	0	4	42	49	5
OH	0	1	11	62	26
OK	7	13	35	41	4
OR	0	38	47	15	0
SD	0	3	24	60	13
TX	8	21	48	19	4
WA	1	5	50	38	6
<b>18 Sts</b>	<b>3</b>	<b>10</b>	<b>34</b>	<b>45</b>	<b>8</b>
Prev Wk	2	10	33	47	8
Prev Yr	3	6	32	47	12

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

NA - Not Available  
\* Revised

National crop conditions for selected States are weighted based on the year 2006 planted acres.

## State Agricultural Summaries

*These summaries, issued weekly through the summer growing season, provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Crop Progress and Condition Reports published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service. The crop reports are available on the Internet through the NASS Home Page on the World Wide Web at <http://www.nass.usda.gov>.*

**ALABAMA:** Days suitable for fieldwork 6.8. Topsoil moisture 40% very short, 38% short, 22% adequate, 0% surplus. Soybeans 74% harvested, 78% 2006, 62% avg. Pasture condition 47% very poor, 29% poor, 20% fair, 4% good, 0% excellent. Livestock condition 38% very poor, 22% poor, 25% fair, 15% good, 0% excellent. During a week with no reported rainfall and generally warmer than normal temperatures, producers watched as the parched soil quickly absorbed all of the moisture that had fallen during the previous weeks. Farmers continued small grain seedbed preparation, and spent time sowing their wheat crops. Most of Alabama's livestock were reported in very poor or poor condition, unchanged from a week ago.

**ALASKA: DATA NOT AVAILABLE**

**ARIZONA:** Temperatures were above normal across the State for the week ending November 4, ranging from 3 degrees above normal to 9 degrees above normal. No precipitation was reported at any of the 22 reporting stations. There are two stations with above normal precipitation for the year to date. Alfalfa harvest continues in Arizona with three quarters of the State's acreage active. Cotton harvested is 55 percent complete across the State.

**ARKANSAS:** Days suitable for field work 6.5. Topsoil moisture 1% very short, 13% short, 74% adequate, 12% surplus. Subsoil moisture 5% very short, 17% short, 74% adequate, surplus. Rice 99% harvested, 100% 2006, 99% avg. Soybeans 100% shedding, 100% 2006, 98% avg.; 98% mature, 99% 2006, 96% avg. Dry conditions were optimal for fall harvesting and winter wheat plantings last week. Cotton harvest continued to progress ahead of normal, 13 percentage points ahead of last year and 15 percentage points ahead of the 5-year average. Rice harvest was equal to the 5-year average. By week's end, only 2 percent of the state's soybeans were yet to mature and 20 percent were left to be harvested. At the end of the week, the state's winter wheat crop that had been planted advanced 14 percentage points from the previous week. Last week, livestock conditions were reported as mostly good, as producers were selling fall calves, weaning replacement heifers, working cattle, and brush hogging pastures. Last week marked the end of hay harvest as cool temperatures killed the remaining warm season forages and slowed the growth of cool season forages.

**CALIFORNIA:** Rice harvest was essentially complete across the state. Alfalfa eighth cutting continued to wind down, new alfalfa field planting continued. Herbicide applications were still being applied to alfalfa fields. Cotton harvest continued along with shredding of cotton stalks. Oat, winter forage planting continued, weed control was being applied. Herbicide sprays have been applied to earlier planted oat fields in some areas. Corn silage, corn grain harvests remained slow. Dry bean and corn for grain harvest was complete in Merced County. Sugar beet, sorghum harvest continued. Fields for lettuce seed continued to be harvested. Wind, fire damage assessments to the avocado crop were still being made. Damage to avocado trees was not fully known, but damage was expected to affect future production on some trees. A great deal of irrigation equipment was damaged or destroyed in avocado groves. The last of the Autumn Royal, Crimson Seedless, Red Globe, Christmas Rose table grape varieties were picked in Fresno County. Wine, juice grape harvests were winding down. Alicante Bouschet, Grenache, Merlot, Muscat, Zinfandel varieties were still being picked. Hachiya, Fuyu persimmons were harvested; fruit were of excellent quality in Yuba County. Kiwi harvest was near completion in some areas. The pomegranate, quince, jujube harvests continued at a slower rate. Apple harvest was ongoing in Stanislaus County. Some stone fruit orchards were being pushed out in Tulare County and being replaced with new varieties. Navel orange harvest was gaining speed. Early Navel varieties being picked were Early Becks, Bonanzas, Fukumotos. Cooler temperatures were expected to benefit Navel size, maturity. Clementine mandarin harvest was underway, fruit maturity was good. Pummelos, lemons were also harvested. Wind, fire damage assessments to lemons were still being made in southern California Olive harvest remained underway. Late variety almonds were being harvested in Fresno County, but at a slow rate. Pistachios, walnuts were also harvested. In Tulare County, almond, pistachio harvests were complete. Some nut orchards were being pruned. Treatments to control insects, mildew, weeds continued for melons, fresh market tomatoes. Growers continued to prepare grounds for winter carrot, lettuce planting while beds were being shaped for 2008

processing tomatoes. Fall harvest started in a few areas for romaine lettuce. Cabbage, cauliflower, lettuce, transplanted broccoli crops were growing well. Harvest continued for fall broccoli, carrots, pickling cucumbers, leaf lettuce, freezer lima beans, parsley, radishes, spinach, sweet corn. Garlic, onion, squash, fresh market tomato harvests were winding down. Asparagus, bell pepper, melon, squash harvest were nearly complete with some melon fields plowed under. Pumpkin harvest was complete. Harvest of amaranth, basil, bittersweet melons, bok choy, cassava, cilantro, choy sum, Indian beans, dill, daikon, leaf lettuce, lemon grass, lobok, long beans, mint, moqua, collard and mustard greens, eggplant, kale, okra, tatsoi, tong ho, winter radicchio, yu choy continued. Ranchers and horse owners were assessing damage to fences, other equipment in the southern California fir zone. Thunder showers occurred in some areas of central California, foothill pastures were still dry, heavier fall rains were badly needed. The new grass that started on some foothill areas in northern California last month was beginning to stress from lack of rain, sunny warm weather. Beef cows, many with calves, some stocker cattle were receiving hay or nutrient supplements. Fall calving of beef cows was winding down in some areas. Milk production continued at a high level. Sheep were grazing in alfalfa fields, harvested safflower, melon fields. Fall lambing continued. Feeder lambs were grazing on alfalfa and sudan grass fields in the Imperial Valley. Bees were being moved to winter staging areas.

**COLORADO:** Days suitable for fieldwork 6.7. Top soil moisture 22% very short, 35% short, 41% adequate, 2% surplus. Subsoil moisture 13% very short, 41% short, 44% adequate, 2% surplus. Alfalfa 4th cutting 83%, 75% 2006, 83% avg. Sugarbeets 79% harvested, 72% 2006, 82% avg. Precipitation was extremely scarce across Colorado last week. Most areas reported little or no rainfall received.

**DELAWARE:** Days suitable for fieldwork 5.2. Topsoil moisture 0% very short, 21% short, 72% adequate, 7% surplus. Subsoil moisture 13% very short, 34% short, 51% adequate, 2% surplus. Hay supplies 15% very short, 62% short, 20% adequate, 3% surplus. Other hay 4th cutting 78%, 60% 2006, 61% avg. Alfalfa hay 4th cutting 90%, 96% 2006, 87% avg.; 5th cutting 31%, 27% 2006, 31% avg. Pasture condition 13% very poor, 37% poor, 32% fair, 17% good, 1% excellent. Winter wheat condition 0% very poor, 1% poor, 14% fair, 78% good, 7% excellent; 61% planted, 61% 2006, 65% avg.; 39% emerged, 0% 2006, 0% avg. Barley condition 0% very poor, 1% poor, 11% fair, 80% good, 8% excellent; 90% planted, 90% 2006, 92% avg. Corn 95% harvested for grain, 96% 2006, 97% avg. Soybeans 100% dropping leaves, 98% 2006, 98% avg.; 50% harvested, 52% 2006, 42% avg. Corn harvest winding down. Soybean harvest progressing well.

**FLORIDA:** Topsoil moisture 3% very short, 30% short, 63% adequate, 4% surplus. Subsoil moisture 7% very short, 35% short, 57% adequate, 1% surplus. Peanuts 90% harvested, 89% pr yr, 95% 5-yr avg. Tropical Storm Noel missed Panhandle, northern Peninsula, allowed growers to advance harvesting of field crops. Haymaking continued, some problem of excess moisture, central Peninsula localities. Hay supply expected shorter this year due to unfavorable weather conditions. Armyworms continue to destroy hay fields, Baker County. Harvesting proceeded at steady pace, cotton harvest in full swing, Washington County. Cotton continues to deteriorate, most on ground, Santa Rosa County. Some peanuts lying on top of ground, rains too late to aid crop, Santa Rosa County. Heavy rains aided growth of late-planted peanuts, picking delayed up to 2 weeks, areas of Jefferson County. Tropical Storm Noel interrupted field work, southern Peninsula due to gusty winds, rains. Strong winds, caused damage to squash, Sumter County. Harvesting of vegetables underway; windy, wet weather increased disease, parts of Hendry County. Growers begin harvesting radishes, southern Peninsula. Tomato harvesting active, Gadsden County. Reports of significant white flies, Panhandle. Strawberry planting continued, growers irrigated due to extremely dry conditions, Palatka. Windy conditions caused bloom-drop, some vegetables, Pompano. Despite rains harvesting remained on schedule for watermelons, bell peppers, cucumbers, Suwannee Valley; green bean yields continue low. Harvesting off to slow start; planting of strawberries underway, Wauchula. Growers finished planting snap beans, bell peppers, cucumbers, cantaloupes, tomatoes; harvesting squash, Wauchula. Marketed light supplies of snap beans, Chinese cabbage, cucumbers, eggplant, squash, tomatoes. Citrus trees generally in good condition in well-cared-for groves. Maturity levels, ratios

on oranges increased, made available more fruit for processing. Acidity level of grapefruit began to lower, allowed more fruit for packing. Limited grove activity included fertilizing, spraying, herbicide applications, irrigation. Over half of major packinghouses opened, running fruit. Two processing plants open; more opening within the week. Harvested varieties include Fallglo tangerines, early, Ambersweet and Navel oranges, grapefruit, tangelos. Pasture feed 1% very poor, 9% poor, 45% fair, 40% good, 5% excellent. Cattle condition 1% very poor, 4% poor, 40% fair, 50% good, 5% excellent. Panhandle pasture condition very poor to excellent, most good. Cattle condition fair to excellent. Planting of winter graze delayed due to dry soil condition. Some pastures grass getting short again. North pasture condition fair to excellent, most fair. Notable armyworm damage in hay fields, pastures. Central pasture condition poor to excellent, most good. Cattle condition fair to excellent, most good. Some hay harvesting started. Cooler weather slowed grass growth. Southwest pasture, cattle conditions very poor to excellent, most fair. Fields readied to plant fall ryegrass for forage. Pasture, forage, cattle conditions not affected by recent rains. Pasture showing effect of two seasons of drought. Statewide cattle condition fair to good.

**GEORGIA:** Days suitable for fieldwork 6.6. Topsoil moisture 34% very short, 39% short, 27% adequate, 0% surplus. Soybeans 5% very poor, 10% poor, 42% fair, 37% good, 6% excellent; 93% dropping leaves, 94% 2006, 95% avg.; 26% harvested, 38% 2006, 32% avg. Sorghum 11% very poor, 11% poor, 39% fair, 36% good, 3% excellent; harvested for grain 53%, 70% 2006, 71% avg. Cotton 7% very poor, 14% poor, 37% fair, 34% good, 8% excellent. Range, pasture 28% very poor, 35% poor, 25% fair, 11% good, 1% excellent. Hay 32% very poor, 35% poor, 22% fair, 11% good, 0% excellent. Pecans 6% very poor, 10% poor, 31% fair, 34% good, 19% excellent. Winter wheat planted 22%, 22% 2006, 22% avg. Winter wheat 10% emerged, 10% 2006, 13% avg. Apples 72% harvested, 90% 2006, 91% avg. Onions 0% transplanted, 3% 2006, 2% avg. Peanuts 84% dug, 97% 2006, 98% avg. Pecans 21% harvested, 18% 2006, 19% avg. Rye 62% planted for all purposes, 64% 2006, 63% avg. Other small grains 57% planted, 59% 2006, 53% avg. Drought conditions worsened this week, negatively affecting pastures and crops. The lack of rain delayed planting in some areas. In other areas, those with better soil moisture levels, small grains were being planted. Some farmers had to irrigate small grains after planting to trigger germination. Pecan orchards were being prepared for harvest. Despite the drought, growers expect to have a good pecan crop.

**HAWAII:** Days suitable for fieldwork 7. Soil moisture increased in most areas. Levels were adequate to surplus. Crop progress for bananas was mostly good and benefited from showers. Cooler temperatures and shorter day length slowed crop progress. Papaya orchards were in fair to mostly good condition. Vegetables were in mostly good condition. Cooler temperatures aided crop growth. Coffee harvesting has ended on Kauai Island, but should continue in the Big Island's Kona districts. Weather conditions were beneficial for crops for most of the week. Trade wind weather resulted in partly cloudy to mostly sunny skies. Showers were light to moderate and fell daily in some windward areas. The first storm of the season passed through the island over the weekend. An upper-level low pressure system drew warm, moist air from the south over the islands. As a result, heavy showers began falling over the northern islands late Saturday night. Oahu was hardest hit with some areas receiving over 8 inches of rain within a 24-hour period. Flooding and power outages affected some areas of the island. The cloud band moved eastward through the State bringing lesser amounts of rain to the islands of Maui, Molokai, and Hawaii. While the storm is not expected to cause significant damage to agriculture, an assessment will have to wait until farmers return to their fields. This rain episode, however, is expected to benefit pastures throughout the State and will help replenish irrigation reservoirs and catchment systems.

**IDAHO:** Days suitable for field work 5.9. Topsoil moisture 5% very short, 30% short, 62% adequate, 3% surplus. Field corn 67% harvested for grain, 74% 2006, 59% avg. Irrigation water supply 29% very poor, 23% poor, 38% fair, 10% good, 0% excellent. Major agricultural activities included moving livestock to winter pastures, fall soil preparation, and harvesting corn for grain and sugarbeets. No problems for livestock have been reported.

**ILLINOIS:** Days suitable for field work 6.7. Topsoil moisture 19% very short, 38% short, 426% adequate, 1% surplus. Corn 98% harvested, 91% 2006, 92% avg. Soybeans 98% harvested, 94% 2006, 95% avg. Sorghum 99% harvested, 85% 2006, 86% avg. Winter wheat 99% seeded, 95% 2006, 94% avg.; 88% heading, 73% 2006, 78% avg. Corn and soybean harvest are nearly complete. Some producers in the northern part of the state are reporting storage issues, while others are looking for moisture before the ground freezes. Other fall activities include spraying, cleaning equipment, and spreading fertilizer. Temperatures this past week averaged 2.5 degrees below normal, while average precipitation was .89 inches below normal.

**INDIANA:** Days suitable for fieldwork 6.3. Topsoil moisture 8% very short, 19% short, 72% adequate, 1% surplus. Subsoil moisture 21% very short, 34% short, 44% adequate, 1% surplus. Corn 91% harvested, 62% 2006, 77% avg. Moisture content of harvested corn continues to average about 16%. Soybeans 96% harvested, 84% 2006, 92% avg. Moisture content of harvested soybeans averaged about 11.5%. Winter wheat 98% planted, 92% 2006, 93% avg.; 91% emerged, 58% 2006, 74% avg.; condition 2% poor, 20% fair, 63% good and 15% excellent. Average temperatures ranged from 6( below normal to 1( above normal with a high of 71( and a low of 22(. Precipitation averaged from 0 to 0.02 inches. Favorable weather persisted during the week allowing many farmers to finish with harvest. Soybean harvest is nearing completion with only scattered fields and some double cropped soybeans remaining. Emergence and growth of the winter wheat crop has been very good this fall. Other activities included fall tillage, cleaning and storing equipment, spreading dry fertilizer and lime, injecting anhydrous ammonia, applications of fall herbicides, stripping tobacco, hauling manure and taking care of livestock.

**IOWA:** Days suitable for fieldwork 6.8. Topsoil moisture 0% very short, 3% short, 83% adequate, 14% surplus. Subsoil moisture 1% very short, 2% short, 78% adequate, 19% surplus. Corn 83% harvested. Soybeans 96% harvested. Pasture condition 3% very poor, 9% poor, 28% fair, 47% good, 13% excellent. Weather allowed progress to continue in harvesting and post harvest activity. Fertilizer application, manure spreading, and fall tillage are in full force as farmers finish up their harvest. The wet spring and fall have prompted farmers to repair waterways and tiles. Livestock are enjoying favorable weather.

**KANSAS:** Days suitable for fieldwork 6.6. Topsoil moisture 10% very short, 27% short, 62% adequate, 1% surplus. Subsoil moisture 8% very short, 28% short, 64% adequate. Winter wheat 2% pastured. Sunflowers 65% harvested, 65% 2006, 70% avg. Feed grain supplies 3% short, 90% adequate, 7% surplus. Hay and forage supplies 1% very short, 8% short, 85% adequate, 6% surplus. Stock water supplies for Kansas 3% very short, 12% short, 84% adequate, 1% surplus. The State received no precipitation over the last week. Wheat planting along with the harvesting of corn, soybeans, and sorghum were the main field activities. There has been some replanting of winter wheat due to poor crop conditions.

**KENTUCKY:** Days suitable for fieldwork 5.6. Topsoil moisture 12% very short, 26% short, 55% adequate, 7% surplus. Subsoil moisture 30% very short, 34% short, 34% adequate, 2% surplus. Tobacco 36% stripped, 33% 2006, 36% avg. Tobacco condition 2% very poor, 12% poor, 34% fair, 44% good, 8% excellent. Winter wheat seeded 81%, 72% 2006, 70% avg. Winter wheat condition 1% very poor, 6% poor, 21% fair, 53% good, 19% excellent. Soybeans harvested 84%, 64% 2006, 69% avg. Pasture condition 29% very poor, 25% poor, 32% fair, 13% good, 1% excellent. Temperatures were below normal for the week, averaging 49 degrees across the State which was 5 degrees below normal and 7 degrees below last week. Rainfall for the period totaled 0.00 inches statewide which was 0.65 inches below normal. The rain received two weeks ago has resulted in better winter wheat germination and greened up the pastures.

**LOUISIANA:** Days suitable for fieldwork 6.6. Soil moisture 14% very short, 23% short, 61% adequate, 2% surplus. Pecans 58% harvested, 37% 2006, 38% avg. Sugarcane 33% harvested, 24% 2006, 34% avg.; 4% poor, 25% fair, 50% good, 21% excellent. Sweet potatoes 87% harvested, 83% 2006, 83% avg. Winter wheat 35% planted, 0% 2006, 26% avg. Livestock 1% very poor, 5% poor, 36% fair, 54% good, 4% excellent. Vegetables 3% very poor, 18% poor, 50% fair, 28% good, 1% excellent. Range and pasture 8% very poor, 12% poor, 47% fair, 32% good, 1% excellent.

**MARYLAND:** Days suitable for fieldwork 5.7. Topsoil moisture 1% very short, 33% short, 62% adequate, 4% surplus. Subsoil moisture 18% very short, 41% short, 40% adequate, 1% surplus. Hay supplies 35% very short, 46% short, 16% adequate, 3% surplus. Other hay 4th cutting 67%, 66% 2006, 77% avg. Alfalfa hay 4th cutting 96%, 95% 2006, 89% avg.; 5th cutting 31%, 60% 2006, 35% avg. Pasture condition 18% very poor, 37% poor, 31% fair, 12% good, 2% excellent. Winter wheat 2% very poor, 7% poor, 32% fair, 55% good, 4% excellent. Barley condition 3% very poor, 6% poor, 44% fair, 46% good, 1% excellent; 92% planted, 92% 2006, 93% avg. Corn 92% harvested for grain, 92% 2006, 90% avg. Soybeans 95% dropping leaves, 97% 2006, 96% avg.; 57% harvested, 54% 2006, 48% avg. Winter wheat 82% planted, 65% 2006, 68% avg.; 55% emerged, 0% 2006, 0% avg. Small grain planting has been going well. Small grains are emerging nicely even those fields planted in dry weather.

**MICHIGAN:** Days suitable for fieldwork 6. Topsoil 2% very short, 15% short, 79% adequate, 4% surplus. Subsoil 11% very short, 23% short, 61% adequate, 5% surplus. Corn 17% very poor, 20% poor, 29% fair, 28% good, 6% excellent. Hay 4th cutting 83%, 81% 2006, 89% avg. Sugarbeets

75% harvested, 64% 2006, 82% avg. Precipitation varied from none west central Lower Peninsula to 0.37 inches eastern Lower Peninsula. Average temperatures ranged from 1 degree below normal southwest, south central, and southeast Lower Peninsula to 4 degrees above normal western Upper Peninsula. Many farmers took advantage of fair temperatures and completed harvesting their various crops. Favorable weather conditions continued to be conducive to fall harvest activities across State. Corn harvest progressed. Soybean harvest neared completion. Harvest of sugarbeets progressed. Alfalfa harvest fourth cuttings nearly completed. Winter wheat planting completed; emergence good and ahead of normal. Growers began equipment repair and continued fall tillage activities. Seasonal temperatures and little rainfall ideal for vegetable harvest. Carrot harvest continued. Winter squash harvest continued.

**MINNESOTA:** Days suitable for fieldwork 6.2. Topsoil moisture 1% very short, 3% short, 79% adequate, 17% surplus. Corn 16% moisture, NA% 2006, NA% avg. Pasture feed 3% very poor, 12% poor, 35% fair, 44% good, 6% excellent. The corn and sunflower harvests continued rapidly, aided by warm temperatures and favorable weather. There was an average of 6.2 days suitable for fieldwork during the week as sun and wind helped dry down crops and reduce wet field conditions. The soybean harvest was nearly completed while fall tillage and fertilizer applications were in full swing.

**MISSISSIPPI:** Days suitable for fieldwork 5.9. Soil moisture 14% very short, 18% short, 63% adequate, 5% surplus. Cotton 96% harvested, 98% 2006, 88% avg. Peanuts 92% harvested, 92% 2006, 18% avg. Soybeans 98% harvested, 100% 2006, 95% avg. Wheat 39% planted, 59% 2006, 43% avg.; 20% emerged, 38% 2006, 31% avg.; 0% very poor, 0% poor, 25% fair, 74% good, 1% excellent. Sweetpotatoes 95% harvested, 89% 2006, 92% avg. Cattle 3% very poor, 10% poor, 29% fair, 51% good, 7% excellent. Dry weather conditions have allowed harvesting and fieldwork activities to resume. Cotton and row crop harvest is near completion, and fall tillage operations are progressing nicely. Field conditions are suitable to continue planting cool season crops.

**MISSOURI:** Days suitable for fieldwork 6.8. Topsoil moisture 14% very short, 31% short, 54% adequate, 1% surplus. Subsoil moisture 17% very short, 34% short, 49% adequate, 0% surplus. Fall tillage 52% complete. Pasture condition 23% very poor, 20% poor, 35% fair, 20% good, 2% excellent. Hay supply 10% very short, 33% short, 54% adequate, 3% surplus. Stock water supply 10% very short, 25% short, 65% adequate, 0% surplus. Substantial progress was made in soybean and milo harvest, also wheat planting. Producers in the north are finishing soybeans and waiting for corn to dry down before returning to corn fields. Wheat is emerging well. Hay and stock water supply varies by district. Reporters indicate cattle producers are hauling water and feeding hay in the northeast, where pasture is especially poor. There are also reports of low ponds in the south-central district. One reporter in the central region described good quantities of fall hay being put up, while fescue growth has been good in the south-central. Temperatures averaged 3 degrees above normal in the far northwest, 3 to 9 below normal in southern districts, slightly below average in other districts. Precipitation was nonexistent except for trace amounts in a few counties. Activities corn, soybean, sorghum, harvest; winter wheat planting; fall tillage; fall fertilizer application; supplemental livestock feeding; fall grazing.

**MONTANA:** Topsoil moisture 19% very short, 3% last year, 36% short, 16% last year, 44% adequate, 74% last year, 1% surplus, 7% last year. Subsoil moisture 37% very short, 12% last year, 36% short, 42% last year, 26% adequate, 44% last year, 1% surplus, 2% last year. Winter wheat 94% emerged, 80% last year. Winter wheat condition 1% very poor, 1% last year, 3% poor, 4% last year, 53% fair, 31% last year, 40% good, 50% last year, 3% excellent, 14% last year. Corn harvested for grain 63% complete, 28% last year. Corn condition 1% very poor, 7% last year, 4% poor, 2% last year, 12% fair, 16% last year, 69% good, 57% last year, 14% excellent, 18% last year. The state received light precipitation during the week. Bozeman received the most moisture with 0.55 of an inch. Highs were mostly in the 60s to 70s, and lows were mostly in the teens to 20s. Hardin had the high temperature of 76 degrees, and Goldbutte had the low of 9 degrees. Range and pasture feed condition 16% very poor, 14% last year, 15% poor, 19% last year, 42% fair, 44% last year, 24% good, 18% last year,

3% excellent, 5% last year. Cattle and calves moved from summer ranges 76% complete, 85% last year, sheep and lambs from summer ranges 81% complete, 88% last year. Cattle and calves receiving supplemental feed 24%, 26% last year. Sheep and lambs receiving supplemental feed 21%, 25% last year.

**NEBRASKA:** Days suitable for fieldwork 6.9. Topsoil moisture 7% very short, 17% short, 74% adequate, 2% surplus. Subsoil moisture 12% very short, 20% short, 66% adequate, 2% surplus. Corn 82% harvested, 70% 2006, 75% average. Soybeans 94% harvested, 94% 2006, 96% average. Sorghum 82% harvested, 73% 2006, 79% average. Winter wheat conditions 0% very poor, 2% poor, 28% fair, 65% good, 5% excellent. Temperatures averaged four degrees above normal across the state. Precipitation was absent across the entire state.

**NEVADA:** Days were suitable for fieldwork 7.0. Warm, spring-like weather continued to be prevalent across much of the state last week. Temperatures averaged one to seven degrees above normal as daytime highs remained near and the mid 70s throughout the week. Las Vegas recorded the high temperature for the week at 79 degrees, while the week's low of 12 degrees occurred in Ely. Very little precipitation fell during the week with .16 inches in Reno, .14 inches in Elko, .12 inches in Winnemucca and all other areas reported less than .1 inch to 0. Weed control, fence repair, and livestock maintenance are main farm and ranch activities as most field work is complete for the season. Feed supplies are short in many areas as ranchers continue to work cattle and ship calves. Livestock producers are relying on hay meadows and alfalfa regrowth with additional supplemental feeding to maintain herds.

**NEW ENGLAND:** Days suitable for field work 5.6. Topsoil moisture 0% very short, 4% short, 89% adequate, 7% surplus. Subsoil moisture 0% very short, 10% short, 90% adequate, 0% surplus. Pasture condition 3% very poor, 7% poor, 33% fair, 57% good, 0% excellent. Maine potatoes 100% harvested, 100% 2006, 99% average; condition good. Rhode Island potatoes 100% harvested, 100% 2006, 100% average; condition good/excellent. Massachusetts potatoes 100% harvested, 100% 2006, 100% average; condition good. Field corn 100% harvested, 95% 2006, 99% average; condition good. Hay Third Crop 100% harvested, 90% 2006, 99% average; condition fair in Rhode Island, good elsewhere. Apples 99% harvested, 100% 2006, 99% average; Fruit Size average/above; condition good. Massachusetts Cranberries 90% harvested, 85% 2006, 95% average; Fruit Size average/below average; condition good/excellent. Last week began partly cloudy with below average high and low temperatures, varying from the mid 20s to low 50s. Due to the unseasonably chilly weather, southern states experienced the first killing frost of the season on Monday. Conditions were cloudy mid-week, temperatures rose to average/above average levels. The remains of Hurricane Noel moved into New England Friday night, bringing heavy rains and wind. Northern and inland areas such as Vermont and western interior Maine experienced less rain than the coast. Rainfall totals ranged from .8 to 1.6 inches across the region, replenishing ground water reserves for winter. Farm activities included wrapping up the third cutting of hay, taking down and bundling tobacco, spreading manure and lime on harvested fields, and preparing orchards for winter.

**NEW JERSEY:** Days suitable for field work 5.5. Topsoil moisture 5% short, 95% adequate. Irrigation water supply 100% adequate. There were no measurable amounts of rainfall for the week in most localities. Temperatures were variable during the week in most areas of the Garden State. Harvest of field corn and soybeans continued. Vegetable harvest continued, with most crops rated in good to excellent condition. Producers were able to make good progress harvesting spinach, cabbage, fall lettuces, broccoli, cauliflower. A county agent in the central district reported the presence of mosaic viruses in several farms on zucchini.

**NEW MEXICO:** Days suitable for fieldwork 7.0. Topsoil moisture 25% very short, 47% short, 28% adequate. Wind damage 3% light. Freeze damage 9% light, 14% moderate. Alfalfa condition 7% fair, 55% good, 38% excellent, 94% 6th cutting complete, 40% 7th cutting complete. Cotton 49% harvested. Corn harvested for grain 80%. Irrigated sorghum 88% harvested for grain. Dry sorghum 58% harvested for grain. Total sorghum progress 70% harvested for grain.

Irrigated winter wheat condition 7% fair, 62% good, 31% excellent. Dry winter wheat condition 23% very poor, 29% poor, 39% fair, 9% good. Total winter wheat condition 14% very poor, 17% poor, 27% fair, 30% good, 12% excellent. Red Chile 87% harvested. Onions condition 20% fair, 20% good, 60% excellent. Pecan condition 10% fair, 33% good, 57% excellent. Cattle condition 3% poor, 27% fair, 34% good, 36% excellent. Sheep condition 1% poor, 12% fair, 48% good, 39% excellent. Range and pasture condition 2% very poor, 18% poor, 49% fair, 25% good, 6% excellent. Fall harvest continued. Ranchers spent the week weaning calves, shipping, and culling their herds. A Rex Block set up over the Eastern Pacific off of the coast of California and dictated a very uneventful week. The resultant "chamber of commerce" weather was prevalent throughout the state. No precipitation was recorded.

**NEW YORK:** Days suitable for fieldwork 5.0. Soil moisture 5% very short, 17% short, 71% adequate, 7% surplus. Pasture condition 3% very poor, 19% poor, 42% fair, 30% good, 6% excellent. Soybean harvest is looking excellent in Montgomery County. Apple harvest nearing completion in Albany County. Killing frosts made corn and soybean harvest practical where weeds have been problems throughout the state. Temperatures were near normal and getting colder towards the end of the week. Precipitation was near normal with regional showers throughout the week.

**NORTH CAROLINA:** Days suitable for field work 5.9. Soil moisture 22% very short, 33% short, 44% adequate, 1% surplus. Activities during the week included the harvesting of cotton, sweetpotatoes, soybeans, and peanuts. Other activities included the planting of small grains. North Carolina experienced an extremely dry week with below average temperatures. Virtually no rainfall was reported during the week. Average temperatures ranged from 43 to 60 degrees.

**NORTH DAKOTA:** Days suitable for fieldwork 6.5. Topsoil moisture 14% very short, 37% short, 48% adequate, 1% surplus. Subsoil moisture 14% very short, 39% short, 46% adequate, 1% surplus. Stockwater supplies 6% very short, 22% short, 69% adequate, 3% surplus. Producers harvested more than a quarter of the corn and sunflower crops this past week. Fall fieldwork and fertilizer application progressed, while reporters noted that farmers had increased soil tests this year due to increased fertilizer costs.

**OHIO:** Days suitable for field work 6.0. Topsoil moisture 6% very short, 18% short, 70% adequate, 6% surplus. Soybeans 97% harvested, 76% 2006, 87% avg. Corn 77% harvested for grain, 45% 2006, 64% avg. Winter wheat 95% emerged, 45% 2006, 76% avg.; condition 0% very poor, 1% poor, 11% fair, 62% good, 26% excellent. Apples 93% harvested (fall & winter), 97% 2006, 95% avg. Livestock condition 3% very poor, 4% poor, 14% fair, 67% good, 12% excellent. Farmers took advantage of 6 days suitable for field work to harvest grain corn, soybeans, apples, and grapes. Other field activities included soybean stubble tillage, lime application, fertilizer application, herbicide application, grain hauling, field plowing, and hauling manure.

**OKLAHOMA:** Days suitable for fieldwork 6.4. Topsoil moisture 19% very short, 26% short, 51% adequate, 4% surplus. Subsoil moisture 13% very short, 24% short, 62% adequate 1% surplus. Rye condition 7% very poor, 6% poor, 27% fair, 50% good, 10% excellent; 95% planted this week, 93% last week, 100% last year, 100% average; 88% emerged this week, 83% last week, 95% last year, 96% average. Oats condition 16% very poor, 9% poor, 55% fair, 13% good, 7% excellent; 87% seedbed prepared this week, 85% last week, 99% last year, 92% average; 69% planted this week, 61% last week, 68% last year, 58% average; 48% emerged this week, 43% last week, 54% last year, 51% average. Sorghum mature 95% this week, 88% last week, 83% last year, 88% average. Soybeans condition 3% poor, 41% fair, 37% good, 19% excellent; mature 75% this week, 61% last week, 95% last year, 94% average; 44% harvested this week, 32% last week, 71% last year, 71% average. Peanuts 91% dug this week, 74% last week, 84% last year, 84% average. Cotton condition 5% poor, 21% fair, 66% good, 8% excellent. Alfalfa condition 5% very poor, 13% poor, 40% fair, 35% good, 7% excellent; 5th cutting 83% this week, 79% last week, 76% last year, 82% average; 6th cutting 43% this week, 32% last week, 15% last year, 23% average. Other hay condition 2% very poor, 8% poor, 31% fair, 46% good, 13% excellent; 2nd cutting 91% this week, 90% last week, 80% last year, 93% average. Livestock condition 2%

poor, 26% fair, 57% good, 15% excellent. Pasture and range condition 2% very poor, 5% poor, 29% fair, 46% good, 18% excellent. Livestock Producers had begun supplemental feeding in some isolated locations. Limited precipitation and cooler temperatures had pastures turning brown in parts of the State. Livestock conditions were rated mostly in the good to fair range. Prices for feeder steers less than 800 pounds averaged \$111 per cwt. Prices for heifers less than 800 pounds averaged \$102 per cwt. Pasture and range conditions also remained mostly in the good to fair range.

**OREGON:** Days suitable for field work 6.8. Top soil moisture 8% very short, 10% short, 73% adequate, 9% surplus. Sub soil moisture 6% very short, 26% short, 62% adequate, 6% surplus. Winter wheat condition 38% poor, 47% fair, 15% good, 92% planted, previous year 97%, 89% 5 year average. Winter wheat 60% emerged, previous year 75%, 59% 5 year average. Weather Most of the State experienced fall conditions last week with warm daytime temperatures but nights dipping down to below freezing. High temperatures ranged from 71 degrees in Echo, Bend to 56 degrees in Eugene. Low temperatures ranged from 43 degrees in Bandon to 14 degrees in Baker City. The dry weather made for great outdoor working conditions as well as good plant growth conditions with soils still moist. Lorella received the most precipitation with 0.25 inches, followed by 0.24 inches received in Christmas Valley. Thirty of the forty-three stations reported precipitation with most receiving less than .10 inches of rain. Field Crops Weather conditions were mostly cool, dry, sunny this past week across the State. This allowed for favorable field work conditions for haying, grain planting. Many grass seed fields in the Willamette Valley were being converted to wheat fields. Grain shortages world wide have grain prices at record highs. Statewide, winter wheat conditions were reported to be fair to poor. Winter wheat planting throughout the State was mostly complete. Vegetables Some wet weather slowed pumpkin rides, gathering, family pumpkin events in the Willamette Valley over the past holiday week, but it has generally been a good year for pumpkin sales. Most truck gardens were closing down for the season as only some winter onions, winter squash remain to be harvested. Some onions were still being harvested in Klamath County, but it was reported that the onion harvest in Malheur County was complete. Fruits, Nuts Fruit, nut harvest was just about complete Statewide; however, there were still some late grapes, apples, pears, & walnuts being picked. Nurseries, Greenhouses. Greenhouses were busy with fall, winter decorative plants last week. Nurseries began planting new fields of shrubs, trees, continued digging, moving, selling trees. The Christmas tree harvest was in full swing. Livestock, Range, Pasture Improved fall pasture growth continued in many areas across the State. Rain received last month, combined with warmer temperatures, has helped to improve overall pasture conditions. Spring calves were being sold through local auctions, hay sales were active. Livestock remained in good condition throughout the State.

**PENNSYLVANIA:** Days suitable for fieldwork 5. Soil moisture 16% very short, 19% short, 61% adequate, 4% surplus. Fall 79% plowing, 80% 2006, 77% avg. Corn 67% harvested, 65% 2006, 69% avg. Barley 98% planted, 98% 2006, 98% avg.; 88% emerged, 97% 2006, 94% avg. Winter wheat 93% planted, 94% 2006, 90% avg.; 77% emerged, 73% 2006, 71% avg.; condition 1% poor, 36% fair, 47% good, 16% excellent. Soybeans 70% harvested, 66% 2006, 54% avg. Alfalfa 4th cutting complete 91%, 95% 2006, 90% avg. Apples 94% harvested, 100% 2006, 95% avg. Grapes 90% harvested, 97% 2006, 96% avg. Quality of hay made 6% poor, 25% fair, 45% good, 24% excellent. Pasture conditions 19% very poor, 21% poor, 38% fair, 19% good, 3% excellent. Principal farm activities included fall plowing, filling silos, mowing pastures, repairing equipment, making hay, baling fodder, liming fields, planting wheat and barley, and harvesting corn, soybeans, grapes and apples.

**SOUTH CAROLINA:** Days suitable for fieldwork 6.6. Soil moisture 35% very short, 47% short, 18% adequate, 0% surplus. Soybeans 27% very poor, 24% poor, 40% fair, 9% good, 0% excellent; 97% leaves turning color, 100% 2006, 96% avg.; 79% leaves dropped, 83% 2006, 79% avg.; 54% mature, 66% 2006, 59% avg.; 14% harvested, 21% 2006, 24% avg. Cotton 25% very poor, 26% poor, 37% fair, 12% good, 0% excellent. Pasture condition 22% very poor, 44% poor, 27% fair, 7% good, 0% excellent. Oats 15% very poor, 25% poor, 50% fair, 10% good, 0% excellent; 33% planted, 47% 2006, 55% avg.; 13% emerged, 31% 2006, 40% avg. Livestock condition 6% very poor, 16%

poor, 45% fair, 33% good, 0% excellent. Winter grazings 16% very poor, 10% poor, 52% fair, 22% good, 0% excellent; 16% planted, 29% 2006, 39% avg.; 7% emerged, 19% 2006, 29% avg. Sorghum 93% harvested, 99% 2006, 93% avg. Sweetpotatoes 89% harvested, 93% 2006, 92% avg. Tobacco 100% stalks destroyed, 99% 2006, 100% avg. Apples 93% harvested, 99% 2006, 97% avg. Winter grazings 56% planted, 77% 2006, 75% avg.; 25% grazings emerged, 58% 2006, 59% avg.

**SOUTH DAKOTA:** Days suitable for fieldwork 6.5. Topsoil moisture 3% very short, 9% short, 78% adequate, 10% surplus. Subsoil moisture 11% very short, 11% short, 69% adequate, 9% surplus. Sunflower 3% very poor, 6% poor, 37% fair, 46% good, 8% excellent. Feed supplies 1% very short, 8% short, 82% adequate, 9% surplus. Stock water supplies 13% very short, 11% short, 66% adequate, 10% surplus. Cattle condition 1% poor, 8% fair, 73% good, 18% excellent. Sheep condition 1% poor, 7% fair, 72% good, 20% excellent. Another week of dry and frosty conditions facilitated row crop dry-down. Despite the earlier delays, harvest has caught up to normal progress.

**TENNESSEE:** Days suitable for fieldwork 6. Topsoil moisture 18% very short, 24% short, 56% adequate, 2% surplus. Subsoil moisture 35% very short, 34% short, 31% adequate. Winter wheat 60% seeded, 68% 2006, 60% avg.; 35% emerged, 41% 2006, 35% avg. Burley tobacco 45% stripped, 46% 2006, 52% avg. Cattle 3% very poor, 10% poor, 38% fair, 42% good, 7% excellent. Lack of moisture last week continued to delay pasture growth, tobacco market preparations, and winter wheat germination. Other activities last week included watering nursery stock, cutting hay in some areas, and feeding hay and hauling water to livestock. Hay stocks 33% very short, 43% short, 22% adequate, 2% surplus. Temperatures last week averaged near normal, with no rainfall reported across the State.

**TEXAS:** Soil moisture was short to adequate across the state. Statewide, corn condition was mostly fair to good. Cotton condition was mostly fair to good statewide. Peanut condition was mostly fair to good statewide. Sorghum condition was mostly fair to good statewide. Soybean condition was mostly good to excellent statewide. Wheat condition was mostly fair to good statewide. Oat condition was mostly fair to good statewide. Range and pasture condition was mostly fair to good statewide. Colder temperatures and dry weather conditions continued across the state. Small grain planting continued in some areas while producers in other areas continued to wait for rain. Cotton harvest continued throughout most of the state as fields continued to defoliate. Good corn yields were reported in the Northern High Plains as harvest neared completion. Good sorghum yields were reported in the High Plains. Peanut harvest neared completion in the Northern Low Plains as harvest continued in South Central Texas. Pecan harvest continued in the Cross Timbers, Blacklands, and South Central Texas. There was no rainfall observed for the entire state of Texas. Livestock continued to be in good condition across most areas of the state as producers began supplementing their feed and feeding hay. Hay harvest continued in East Texas and South Central Texas. Most ranges and pastures in the state were partly green but continued to dry up due to lack of rain and colder temperatures.

**UTAH:** Days suitable for field work 7. Subsoil moisture 23% very short, 35% short, 42% adequate, 0% surplus. Winter wheat 81% emerged, 93% 2006, 84% avg. Corn 79% harvested (grain), 99% 2006, 64% avg. Range, Pasture 23% very poor, 34% poor, 28% fair, 15% good, 0% excellent. Stock water supplies 17% very short, 31% short, 52% adequate, 0% surplus. Apples 93% harvested, 99% 2006, 97% avg. Fieldwork in Utah is winding down, with the crop harvest almost complete. Livestock continue to do well. Box Elder reports that fieldwork is winding down within the county with nearly all of the grain corn harvested. Cache County reports that the most of the crops are harvested for the year. Box Elder reports, due to the shortage and the expense of livestock feed, many producers of grain corn are baling the corn stalks. This may provide some low quality feed that can be mixed with some good alfalfa to extend a livestock producer's winter-feed supply. Cache County reports that the majority of beef calves have been weaned. Many producers are disappointed with the significant drop in feeder cattle prices. Some are having a difficult time deciding whether to sell at current prices or feed the cattle and see if prices improve within the coming months. Beaver County reports that

ranchers in the area are still trying to find all their cows. After the wild fires.

**VIRGINIA:** Days suitable for work 6.2. Topsoil moisture was generally adequate. Pastures have attempted to recover due to the moisture but killing frosts have slowed regrowth considerably. Conditions across the Commonwealth have begun to greatly improve as a result of rain received in the prior week. Livestock producers are still continuing to cull herds and locate supplemental feed supplies. The soybean harvest continued. Yields are reported as being average. With the increase in soil moisture, producers have begun to move farther along in small grains planting. Producers that began planting early have seen an increase in emergence over the past week. The cotton harvest also advanced this week. Other activities this week include land preparation for small grain planting, soil sampling, liming, and scouting newly planted wheat and barley.

**WASHINGTON:** Days suitable for fieldwork 6.7. Soil moisture 10% very short, 19% short, 64% adequate, 7% surplus. Whitman, Benton, Walla Walla and Garfield Counties reported rainfall was needed as conditions have returned to a dry pattern. Chelan County reported winter wheat crop in much of their county did not emerge very well due to lack of moisture. Garfield County reported some grain growers were filing for crop losses due the lack of moisture. Grant County reported corn harvest for grain continued and potato harvest was winding down. Grant County also reported an increase in winter wheat planted. Christmas tree growers were gearing up to begin wholesale harvest in earnest the week of November 5th. In the Yakima Valley, the mornings were cold with temperatures approaching mid-20s. Apple harvest was nearing completion with the Pink Lady variety constituting most of the harvest. Grant County reported fresh carrot harvest was in progress. Grays Harbor County reported Asian pear harvest was complete. In Thurston County, commercial blueberry growers took advantage of the dry weather to mow cover crops in established plantations. Snohomish County reported pumpkin growers were doing brisk business. Range, pasture conditions 3% very poor, 33% poor, 20% fair, 40% good, 4% excellent. On the east side, Stevens County reported cattle producers began winter feeding. Pend Oreille County reported large numbers of cattle moved to market in an effort to avoid having to purchase hay. Ferry County reported frosts and lack of water were bringing cattle down to the lowlands. On the west side, livestock producers reported strong sales of haylage and conventional hay.

**WEST VIRGINIA:** Days suitable for field work 6. Topsoil moisture 18% very short, 33% short, 47% adequate, 2% surplus compared with 3% short, 74% adequate, 23% surplus last year. Corn conditions 13% very poor, 18% poor, 27% fair, 39% good, 3% excellent; 73% harvested, 56% 2006, 69% 5-yr avg. Soybean conditions 9% very poor, 16% poor, 30% fair, 45% good, 68% harvested, 46% 2006, 63% 5-yr avg. Winter wheat 87% planted, 85% in 2006, 87% 5-yr avg.; 42% emerged, 40% 2006, 61% 5-yr avg. Hay 3rd cutting complete 88%, 88% 2006, 5-yr avg not available. Apples 88% harvested, 86% 2006, 5-yr avg not available. Cattle and calves 2% very poor, 12% poor, 37% fair, 47% good, 2% excellent. Sheep and lambs 1% very poor, 8% poor, 36% fair, 52% good, 3% excellent. Farming activities included cutting hay, harvesting soybeans, corn, apples, marketing livestock, planting wheat, feeding hay and securing water for livestock.

**WISCONSIN:** Days suitable for fieldwork 6.5. Topsoil moisture 2% very short, 4% short, 87% adequate, 7% surplus. Corn 67% harvested. Soybeans 86% harvested. Fall tillage was 37% complete. Significant progress was made with corn and soybean harvest for the second week in a row. Temperatures were 3 to 7 degrees above normal, and no rainfall was reported. High temperatures were in the high 60s, and low temperatures were as low as 24 degrees.

**WYOMING:** Days suitable for fieldwork 6.7. Topsoil moisture 19% very short, 28% short, 52% adequate, 1% surplus. Hay and roughage supplies 5% very short, 13% short, 80% adequate, 2% surplus. Winter wheat condition 6% fair, 70% good, 24% excellent. Sugarbeets 89% harvested, 85% 2006, 91% avg. Corn 48% harvested, 60% 2006, 55% avg.; condition 34% fair, 64% good, 2% excellent. Livestock conditions 1% poor, 19% fair, 76% good, 4% excellent.

**International Weather and Crop Summary**

October 28 - November 3, 2007

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

**HIGHLIGHTS**

**FSU-WESTERN:** Several days of unseasonably warm, dry weather aided autumn fieldwork in most areas.

**EUROPE:** Heavy rain persisted across southeastern Europe, while persistent dryness in western growing areas reduced topsoil moisture for winter crop planting and emergence.

**AUSTRALIA:** Wet weather brought much-needed drought relief to much of eastern Australia, but the rain was untimely for maturing winter grains, slowing dry down and harvesting.

**SOUTHEAST ASIA:** Continued heavy showers in Vietnam delayed coffee harvesting.

**EASTERN ASIA:** Cool, sunny weather aided winter crop planting nearing completion.

**ARGENTINA:** Rain maintained generally favorable moisture levels for reproductive to filling winter grains and emerging summer crops.

**BRAZIL:** Heavy rain soaked southern Brazil but pockets of dryness returned to the soybean areas of the Center-West.

**MEXICO:** Inundating rain flooded isolated sections of southeastern Mexico.

**MIDDLE EAST:** Showers provided moisture for winter crop planting, although long-term drought continues in central Turkey.

**NORTHWEST AFRICA:** Heavy rain hampered fieldwork but boosted moisture reserves for winter grain planting.

**SOUTH AFRICA:** Showers benefited emerging summer crops across the corn belt.

**October 2007**

**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	9	3	15	-3	6	1.4	25	-67
FINLAN HELSINKI	9	4	15	-4	7	1.4	78	3
UKINGD ABERDEEN	14	7	20	2	10	1.4	23	-61
LONDON	15	9	20	2	12	0.3	39	-31
IRELAN DUBLIN	15	7	18	0	11	0.7	15	-57
ICELAN REYKJAVIK	***	***	9	-2	***	***	***	***
DENMAR COPENHAGEN	12	7	17	2	9	-0.2	45	-6
LUXEMB LUXEMBOURG	14	7	22	-1	10	0.8	35	-48
SWITZE ZURICH	13	7	24	-1	10	0.6	21	-63
GENEVA	15	8	21	3	11	0.9	27	-64
FRANCE PARIS/ORLY	16	8	22	-1	12	-0.5	36	-23
STRASBOURG	16	6	25	-1	11	0.9	5	-48
BOURGES	16	8	25	0	12	0.4	97	30
BORDEAUX	19	9	26	2	14	0.6	55	-39
TOULOUSE	18	10	25	0	14	0.4	36	-16
MARSEILLE	22	11	29	2	16	0.5	34	-51
SPAIN VALLADOLID	18	8	22	3	13	-0.2	54	11
MADRID	22	9	26	3	15	0.3	58	20
SEVILLE	27	16	32	12	21	1	27	-27
PORTUG LISBON	24	15	28	13	20	1.8	3	-74
GERMAN HAMBURG	13	6	18	-1	9	-0.2	42	-22
BERLIN	12	6	19	-2	9	-0.8	5	-32
DUSSELDORF	14	7	21	-2	11	-1	43	-32
LEIPZIG	13	6	20	-2	9	-0.8	12	-29
DRESDEN	12	6	20	-3	9	-1.9	20	-26
STUTT GART	14	5	24	-2	9	-0.5	13	-46
NURNBERG	13	4	22	-2	9	-0.2	16	-35
AUGSBURG	13	4	22	-2	8	-1	11	-44
AUSTRI VIENNA	13	6	22	-1	9	-1.3	83	47
INNSBRUCK	15	5	25	-1	10	0.5	22	-36
CZECHR PRAGUE	12	5	19	-2	9	0.4	17	-13
POLAND WARSAW	12	5	22	-2	9	0.3	38	-1
LODZ	12	5	20	-2	8	-1	28	-5
KATOWICE	12	4	21	-3	8	-1	44	-4
HUNGAR BUDAPEST	16	8	24	-1	12	0.9	43	5
YUGOSL BELGRADE	15	9	25	2	12	-0.4	113	62
ROMANI BUCHAREST	18	7	27	-1	12	0.6	70	29
BULGAR SOFIA	16	7	26	-2	12	0.7	95	59
ITALY MILAN	20	9	27	1	15	1.3	19	-98
VERONA	19	9	27	2	14	0.8	38	-52
VENICE	18	10	24	3	14	0.6	132	60
GENOA	20	13	24	5	16	-1.3	37	-137
ROME	23	12	29	4	17	0.1	45	-70
NAPLES	23	13	29	7	18	0.6	39	-92
GREECE THESSALONIKA	20	13	27	5	16	0.3	54	9
LARISSA	22	11	31	4	17	0.7	105	56
ATHENS	24	16	29	9	20	0.5	71	43
TURKEY ISTANBUL	21	15	26	7	18	1.5	81	14
ANKARA	21	5	28	-2	13	1.8	11	-20
CYPRUS LARNACA	29	18	34	13	23	1.3	4	-10
ESTONI TALLINN	10	5	17	-4	7	1.1	81	8
RUSSIA ST.PETERSBURG	9	6	20	1	8	1.9	34	-29
LITHUA KAUNAS	11	5	19	0	8	0.9	58	8
BELARU MINSK	10	5	20	0	7	0.9	55	4
RUSSIA KAZAN	9	3	18	-3	6	2.4	35	-15
MOSCOW	9	5	22	-2	7	2.2	106	42
YEKATERINBURG	9	3	18	-2	6	3.2	17	-23
OMSK	9	2	19	-3	5	2.4	17	-11
KAZAKH KUSTANAY	12	1	21	-6	6	2.4	4	-22
RUSSIA BARNAUL	8	0	21	-8	4	0.7	34	-8
KHABAROVSK	11	0	23	-7	5	0.7	48	-1
VLADIVOSTOK	14	6	22	-2	10	1.5	84	20
UKRAIN KIEV	13	6	23	1	10	1.8	23	-14
LVOV	13	4	20	-3	8	0.5	37	-15
KIROVOGRAD	14	6	23	0	10	1.3	18	-10
ODESSA	16	10	23	4	13	1.7	36	8
RUSSIA SARATOV	12	4	21	-1	8	2.5	4	-27
UKRAIN KHARKOV	14	6	23	0	10	2.3	62	22
RUSSIA VOLGOGRAD	15	4	21	-3	10	1.4	6	-14
ASTRAKHAN	19	7	24	1	13	3	2	-15

Based on Preliminary Reports

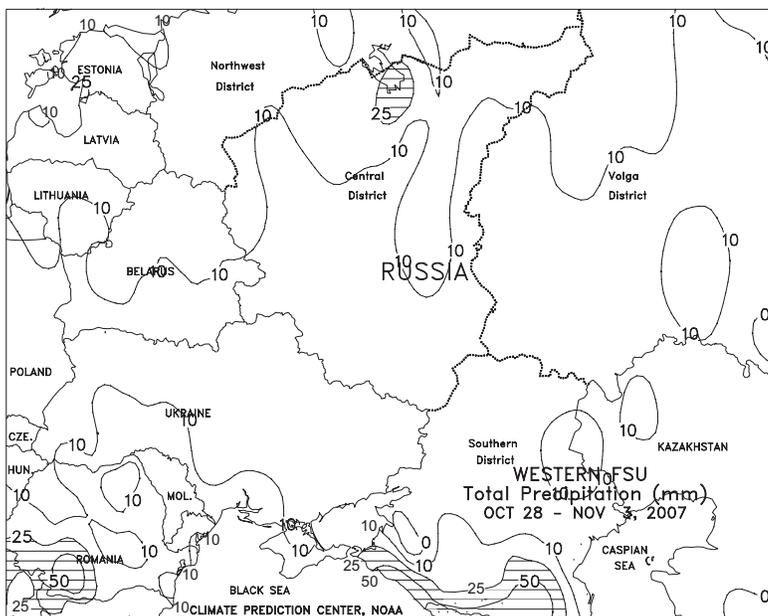
## October 2007

COUNTRY CITY	TEMPERATURE (C)				PRECIPITATION (MM)				COUNTRY CITY	TEMPERATURE (C)				PRECIPITATION (MM)			
	AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	F/NRM	TOTAL	F/NRM		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	F/NRM	TOTAL	F/NRM
KRASNODAR	21	10	28	3	15	3.2	33	-19	S AFRI PRETORIA	24	15	30	10	19	-1.0	204	132
ORENBURG	13	1	23	-4	7	1.6	15	-22	JOHANNESBURG	22	11	28	5	16	0.0	158	82
KAZAKH TSELINOGRAD	10	2	21	-2	6	1.2	42	14	BETHAL	23	11	28	7	17	0.2	303	218
KARAGANDA	9	1	20	-4	5	1.1	45	19	DURBAN	23	17	28	11	20	0.2	126	25
UZBEKI TASHKENT	21	5	28	1	13	-0.8	5	-22	CAPE TOWN	23	12	33	4	18	1.9	31	2
TURKME ASHKHABAD	24	7	33	2	16	-0.1	1	-14	CANADA TORONTO	19	9	32	-1	14	5.3	41	-23
SYRIA DAMASCUS	29	13	34	8	21	3.0	0	-8	MONTREAL	16	7	25	-3	11	3.2	114	34
PAKIST KARACHI	36	22	41	18	29	0.7	0	***	WINNIPEG	12	1	23	-7	7	1.2	49	13
INDIA AMRITSAR	33	15	35	11	24	0.2	0	-15	REGINA	13	0	26	-10	6	1.3	51	29
NEW DELHI	33	18	37	15	26	-0.6	0	-17	SASKATOON	12	-1	22	-10	5	0.9	22	5
AHMEDABAD	35	20	36	17	28	-0.8	0	-20	LETHBRIDGE	15	0	26	-9	8	0.7	18	-4
INDORE	33	16	34	12	24	-1.2	0	-46	CALGARY	14	-1	23	-7	7	1.1	15	2
CALCUTTA	33	24	36	20	28	0.2	175	63	EDMONTON	13	1	23	-4	7	1.5	7	-10
VERAVAL	34	23	37	21	29	0.6	0	-23	VANCOUVER	12	7	17	2	10	-0.4	155	46
BOMBAY	34	23	36	19	28	-0.1	0	-98	MEXICO GUADALAJARA	25	16	29	6	20	0.9	28	-41
POONA	32	19	34	13	25	0.4	8	-71	TLAXCALA	21	10	26	3	15	-1.2	3	-58
BEGAMPET	32	21	34	18	26	0.4	40	-69	ORIZABA	23	16	30	8	19	0.5	107	-94
VISHAKHAPATNAM	31	25	33	21	28	0.2	337	98	BERMUD ST GEORGES	26	23	28	19	24	-0.2	116	-32
MADRAS	33	25	36	20	29	0.5	231	-52	BAHAMA NASSAU	30	25	32	21	28	1.5	138	-27
MANGALORE	31	23	34	22	27	-0.2	97	-101	CUBA HAVANA	30	23	32	21	27	1.0	236	51
HONGKO HONG KONG INT	30	24	34	21	27	1.5	39	-81	JAMAIC KINGSTON	31	25	33	23	28	-0.5	542	414
N KORE PYONGYANG	19	9	27	1	14	1.3	69	27	P RICO SAN JUAN	31	25	34	22	28	0.2	134	6
S KORE SEOUL	20	12	26	4	16	0.8	40	-21	GUADEL RAIZET	30	24	32	22	27	-0.2	182	-15
JAPAN SAPPORO	16	8	22	2	12	0.7	70	-58	MARTIN LAMENTIN	31	24	33	22	28	0.9	260	18
NAGOYA	24	16	28	10	20	1.8	95	-24	BARBAD BRIDGETOWN	31	25	32	22	28	0.7	153	-14
TOKYO	22	16	27	13	19	1.0	138	-26	TRINID PORT OF SPAIN	32	24	34	22	28	1.0	221	28
YOKOHAMA	22	16	26	13	19	1.0	159	-46	COLOMB BOGOTA	17	9	21	5	***	***	90	-26
KYOTO	24	15	29	7	19	1.2	94	-29	VENEZU CARACAS	***	26	34	21	***	***	112	64
OSAKA	24	17	29	10	21	1.8	76	-36	F GUIA CAYENNE	32	23	33	22	27	0.7	50	-31
THAILA PHITSANULOK	32	24	34	22	28	-0.1	208	54	BRAZIL FORTALEZA	30	25	31	23	27	-0.8	0	-10
BANGKOK	33	26	36	23	29	1.1	226	-38	RECIFE	29	25	30	22	27	-0.7	26	-9
MALAYS KUALA LUMPUR	32	24	34	22	28	0.8	296	46	CAMPO GRANDE	33	22	38	19	27	2.0	94	-51
VIETNA HANOI	29	24	34	20	27	0.8	145	-2	FRANCA	***	***	33	16	***	***	***	***
CHINA HARBIN	14	2	25	-6	8	1.5	10	-15	RIO DE JANEIRO	30	21	35	16	25	1.2	249	167
HAMI	19	2	28	-5	10	0.5	0	-3	LONDRINA	32	19	39	15	25	3.4	93	-56
BEIJING	19	9	26	0	14	0.5	61	40	SANTA MARIA	26	17	34	12	21	1.4	114	-25
TIENTSIN	18	9	25	1	14	-0.6	51	28	TORRES	23	17	31	8	20	-1.1	87	-42
LHASA	21	6	24	1	13	4.0	1	-8	PERU LIMA	18	15	20	13	16	-1.4	1	-2
KUNMING	21	13	26	9	17	1.0	59	-18	BOLIVI LA PAZ	16	1	20	-4	9	-0.4	29	-14
CHENGCHOW	21	12	26	3	16	1.1	19	-28	CHILE SANTIAGO	23	7	31	3	15	0.7	0	-15
YECHANG	22	16	32	7	19	0.8	49	-36	ARGENT IGUAZU	29	18	37	14	24	1.7	192	-21
HANKOW	24	17	34	10	20	1.8	26	-68	FORMOSA	31	20	39	12	26	2.8	146	19
CHUNGKING	22	18	35	12	20	1.4	84	-20	CERES	27	15	37	8	21	1.3	90	15
CHIHKIANG	23	15	33	8	19	1.1	8	-94	CORDOBA	26	14	36	7	20	1.4	11	-57
WU HU	23	15	33	8	19	1.4	82	13	RIO CUARTO	24	13	33	2	19	1.5	97	2
SHANGHAI	23	18	30	12	21	1.6	126	57	ROSARIO	***	***	28	7	***	***	***	***
NANCHANG	25	18	33	11	22	2.0	1	-58	BUENOS AIRES	23	12	29	5	18	1.3	230	125
TAIPEI	26	24	33	20	25	0.3	286	142	SANTA ROSA	23	10	31	2	16	0.6	70	0
CANTON	30	22	35	18	26	1.6	19	-69	TRES ARROYOS	21	11	28	2	16	2.0	108	26
NANNING	29	19	34	13	24	0.2	32	-33	MARSHA MAJURO	29	26	31	23	28	0.2	564	219
CANARY LAS PALMAS	26	20	30	18	23	-0.2	3	-11	NEW CA NOUMEA	26	20	31	18	23	1.0	47	-3
MOROCC CASABLANCA	25	17	31	13	21	1.3	10	-23	FIJI NAUSORI	29	22	33	20	26	1.5	454	255
MARRAKECH	28	16	36	10	22	1.2	19	1	SAMOA PAGO PAGO	31	26	32	24	29	1.4	411	156
ALGERI ALGER	25	15	29	7	20	0.7	115	57	TAHITI PAPEETE	30	23	31	20	26	0.6	234	133
BATNA	23	11	34	7	17	0.9	23	-2	PNEWGU PORT MORESBY	***	***	33	24	***	***	***	***
TUNISI TUNIS	25	18	33	12	21	0.6	130	76	NZEALA AUCKLAND	18	11	22	5	14	***	76	***
NIGER NIAMEY	39	26	41	23	32	1.7	0	-15	WELLINGTON	15	10	21	5	13	***	140	***
MALI TIMBUKTU	41	23	43	17	32	1.2	1	-2	AUSTRA DARWIN	33	26	35	23	29	0.2	59	-20
BAMAKO	35	22	39	16	28	0.5	41	-20	BRISBANE	25	18	29	13	21	1.0	75	-21
MAURIT NOUAKCHOTT	36	24	44	20	30	1.0	0	-8	PERTH	23	10	30	6	16	0.0	41	-7
SENEGA DAKAR	31	26	33	24	29	1.1	0	-43	CEDUNA	24	11	40	1	18	0.6	12	-16
LIBYA TRIPOLI	30	18	36	12	24	0.7	48	11	ADELAIDE	21	12	32	6	17	0.9	35	-8
BENGHAZI	29	18	33	10	23	0.5	6	-11	MELBOURNE	21	9	34	1	15	1.3	16	-46
EGYPT CAIRO	31	20	36	18	26	1.5	5	4	WAGGA	25	9	34	1	17	2.5	23	-38
ASWAN	38	23	41	20	30	2.1	0	0	CANBERRA	23	9	30	1	16	2.9	38	-18
ETHIOP ADDIS ABABA	22	10	24	7	16	0.0	26	-21	INDONE SERANG	33	23	35	21	28	0.2	121	15
KENYA NAIROBI	26	15	29	13	21	0.6	24	-14	PHILIP MANILA	31	26	34	24	28	0.1	198	-1
TANZAN DAR ES SALAAM	31	21	33	19	26	0.9	70	3									
GABON LIBREVILLE	29	24	31	21	26	0.5	427	21									
TOGO LOME	31	25	33	22	28	1.7	219	121									
BURKIN OUAGADOUGOU	37	26	39	23	31	2.3	0	-33									
COTE D ABIDJAN	31	25	32	21	28	1.5	211	49									
MOZAMB MAPUTO	27	20	33	15	23	0.5	37	-21									
ZAMBIA LUSAKA	31	***	36	14	***	***	2	-9									
ZIMBAB KADOMA	31	***	37	9	***	***	29	-1									

Based on Preliminary Reports

**FSU-WESTERN**

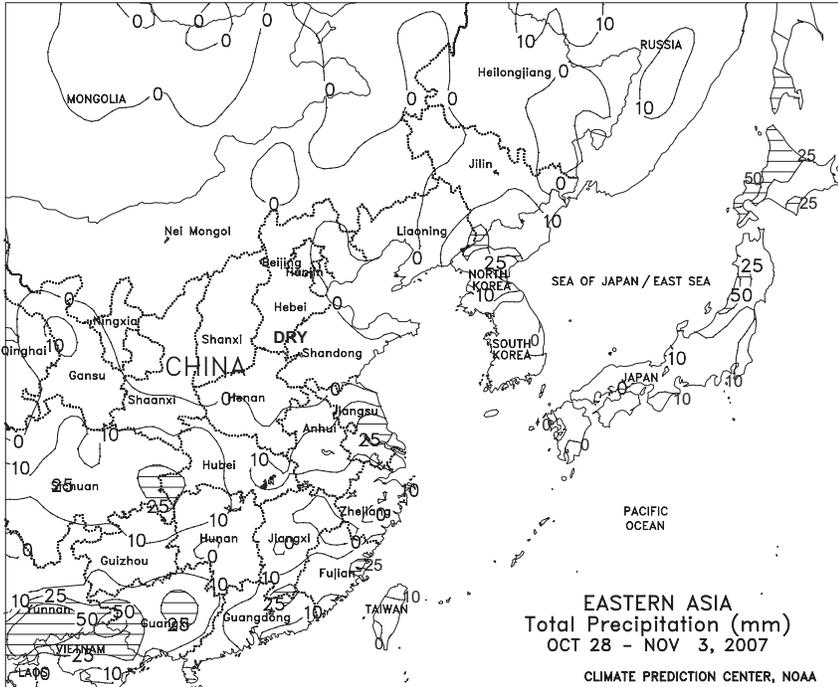
Several days of dry weather aided autumn fieldwork for summer crop harvesting, fall tillage, and fertilizer applications. Significant precipitation (10-25 mm) was confined to areas in the extreme south and the extreme north. The precipitation that fell in the south boosted topsoil moisture for winter grain establishment in Moldova, southwestern Ukraine, and the far southern portion of the Southern District in Russia. Weekly temperatures averaged near to slightly above normal across Belarus and northern Russia. Winter grains began easing into dormancy in the Russian Volga District. Weekly temperatures averaged 2 to 4 degrees C above normal in Ukraine and the Southern District in Russia, where winter grains continued to add on vegetative growth. In cotton-producing areas of Central Asia, unseasonably warm, dry weather continued to aid late-season harvesting.



**EUROPE**

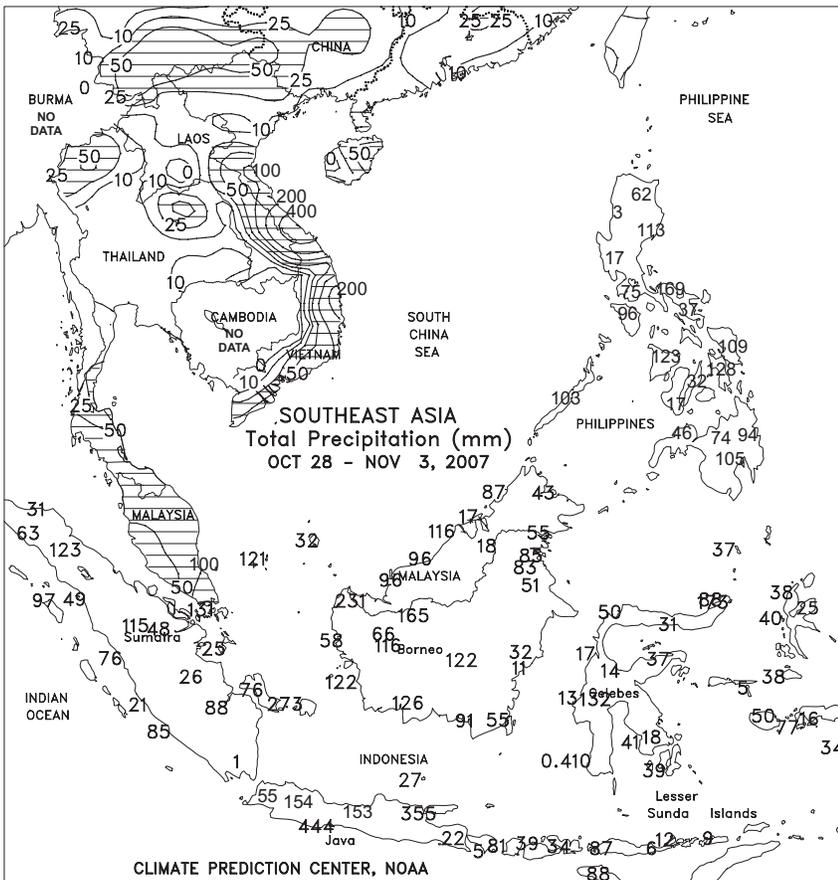
Heavy rain across southeastern Europe contrasted with increasing dryness in western growing areas. A strong ridge of high pressure maintained dry weather from the Iberian Peninsula eastward into southern Germany and most of Poland, favoring fieldwork but reducing topsoil moisture for winter crop planting and emergence. Short-term precipitation deficits are most pronounced across southern portions of France and Germany as well as northern Spain and Portugal, with rainfall since September 1 generally less than 50 percent of normal. In contrast, another in a series of slow-moving Mediterranean storm systems triggered moderate to heavy rain (10-100 mm) across Italy and the Balkans, hampering fieldwork but boosting moisture reserves for winter crops. Meanwhile, a cold front produced a swath of light to moderate rain (5-35 mm) across England and northern portions of France and Germany, maintaining favorable conditions for emerging winter wheat and rapeseed. Wet weather also spread into the Baltic States, although above-normal temperatures caused the precipitation to fall as rain.





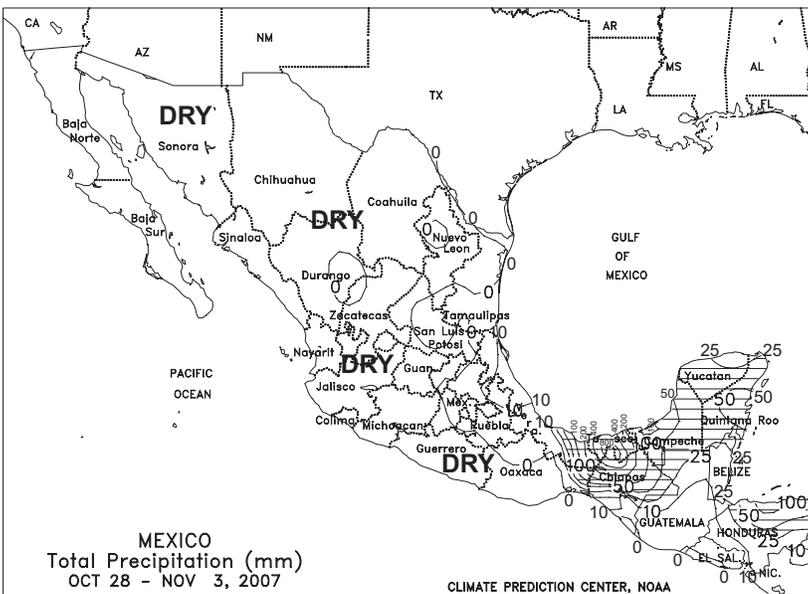
**EASTERN ASIA**

Sunny, cool weather prevailed throughout China as winter crop planting nears completion. On the North China Plain, sunny weather and temperatures 1 to 3 degrees C below normal favored final winter wheat planting. Although average temperatures between 5 and 15 degrees C slowed development of emerging wheat, the cool weather reduced evaporative losses. Nearly all winter wheat is irrigated with applications in the fall for planting and again in the spring when the crop becomes reproductive. The fall application is typically sufficient to ensure adequate soil moisture through the dry winter season. In the Yangtze Valley, light showers (1-25 mm, locally up to 50 mm) provided supplemental moisture to irrigated winter rapeseed. Freezing temperatures remained north of the North China Plain, leaving most winter growing areas frost free.



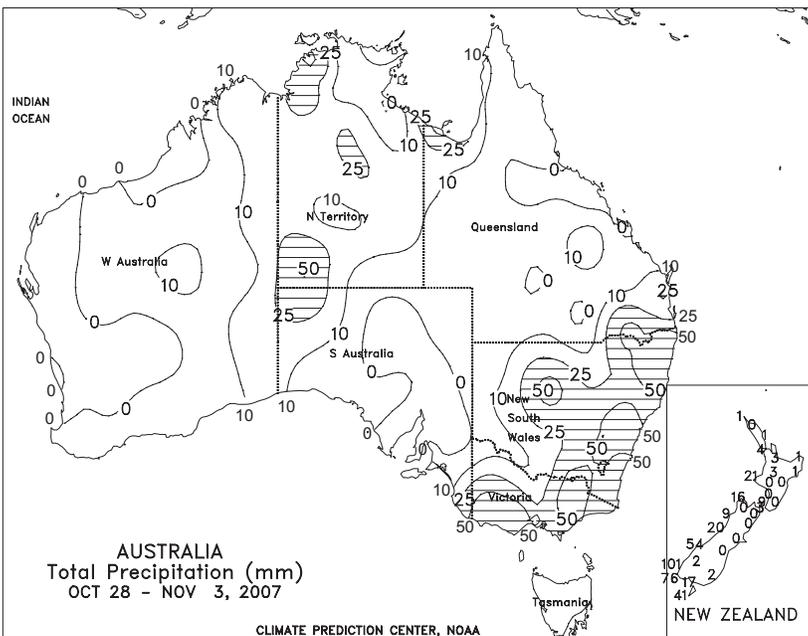
**SOUTHEAST ASIA**

Mostly dry weather throughout Thailand continued to favor maturing rice and corn. In Vietnam, torrential showers (50-400 mm or more) further exacerbated flooding and delays in coffee harvesting across the Central Highlands. In contrast, lighter showers (10-25 mm) prevailed in rice areas of the south and north. In the Philippines, Tropical Storm Peipah was approaching Luzon, enhancing rainfall (50-100 mm) along the eastern coast. In the Visayas and Mindanao, widespread rainfall (50-100 mm) increased moisture for vegetative corn and rice while slowing harvest activities for summer-grown crops. In Indonesia, monsoon rains (50-200 mm, locally more) throughout Java caused some localized flooding but helped condition fields as main-season rice planting begins. Showers (50-100 mm) in Sumatra continued to provide abundant to excessive moisture to oil palm and slow harvesting. Likewise, in Malaysia, showers (25-100 mm) maintained high moisture levels for oil palm.



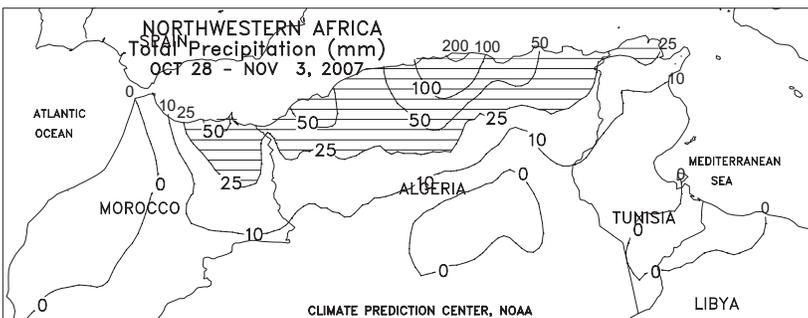
**MEXICO**

From October 28 to 30, showers and thunderstorms remained nearly stationary over the Rio Grijalva watershed of northern Chiapas and central Tabasco. The resulting inundating rainfall (100-400 mm or more, with isolated reports of nearly 1,000 mm) produced widespread flooding and infrastructural damage, including significant damage to crops and farmland. Tabasco, which produces a variety of agricultural products, is among the nation's largest producers of bananas, citrus, and rice. Dry, seasonably mild weather prevailed elsewhere in Mexico, except for the Yucatan Peninsula, which received moderate to heavy showers (25-50 mm or more). In south-central Mexico (including the southern plateau and the Pacific Coast states), the sunny weather benefited corn and other maturing, rain-fed summer crops.



**AUSTRALIA**

Widespread rain (10-35 mm, locally more than 50 mm) brought much-needed drought relief to most of southern Queensland, New South Wales, and Victoria, but the wet weather was untimely for drought-stressed winter grains, slowing maturation and harvesting. The rain was beneficial for dryland and irrigated summer crops, however, helping to boost topsoil moisture and reservoir levels for recently sown sorghum and cotton. Farther west, mostly dry weather in South Australia and Western Australia favored winter grain dry down and harvesting. Temperatures in these two states averaged about 1 to 4 degrees C below normal. In contrast, temperatures in Queensland and New South Wales averaged about 1 to 4 degrees C above normal.

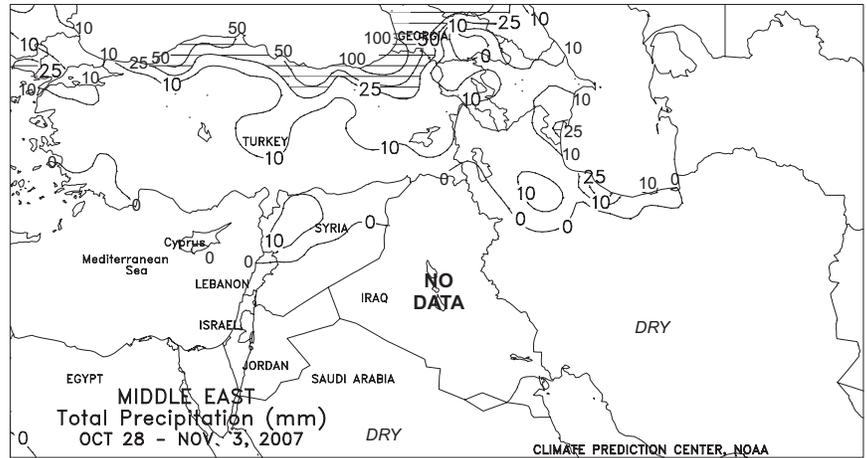


**NORTHWEST AFRICA**

Another round of wet weather provided additional early-season moisture for winter crop planting. A stationary storm system along the Mediterranean coast generated widespread, locally excessive rainfall (25-330 mm) across eastern Morocco and northern Algeria, causing flooding and fieldwork delays but maintaining adequate to abundant topsoil moisture for winter crop planting and emergence. However, persistent dryness in southwestern Morocco increased short-term precipitation deficits and reduced topsoil moisture for winter wheat planting.

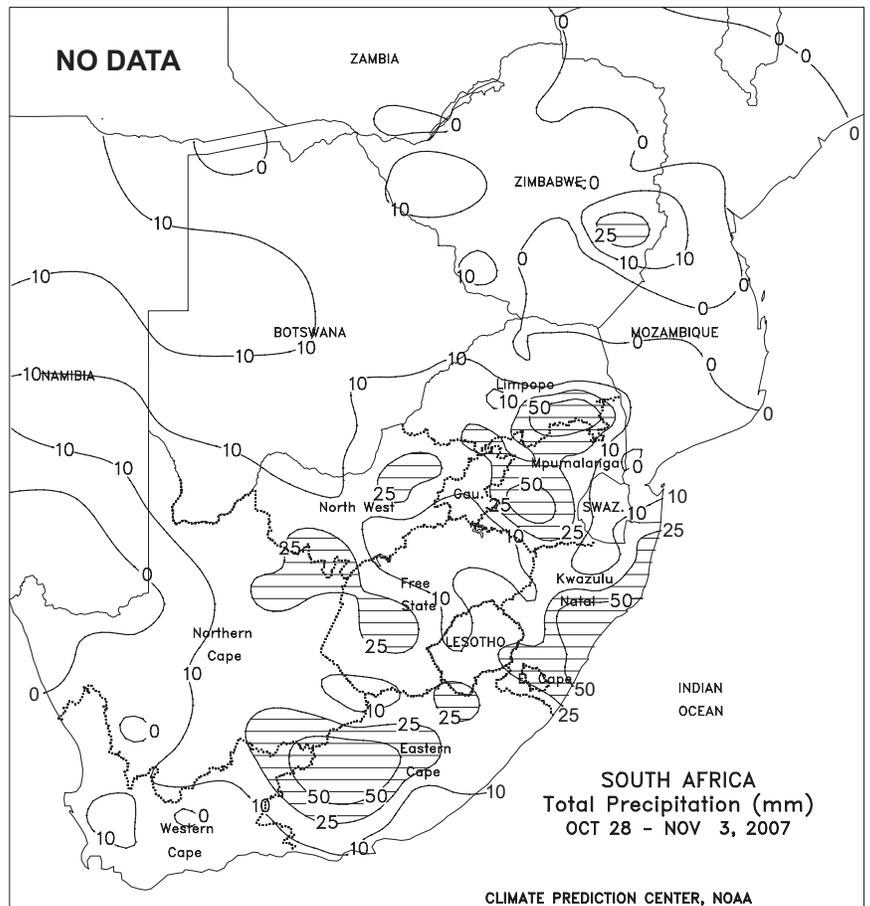
**MIDDLE EAST**

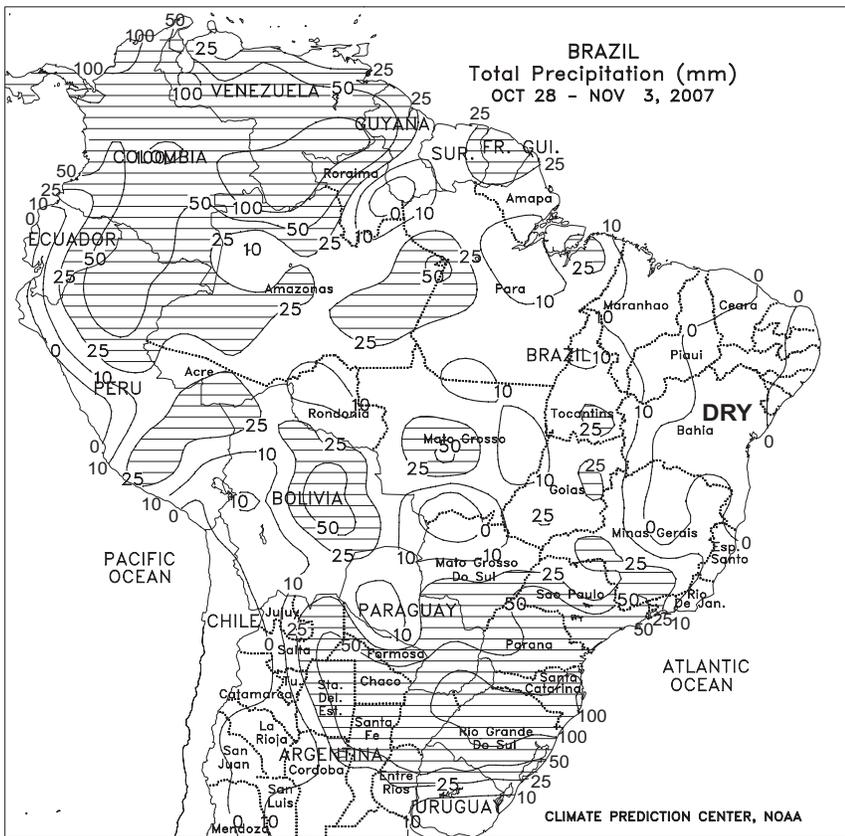
Light showers did little to ease long-term moisture deficits across the region. Conditions across central Turkey's Anatolia Plateau remained dire, where long-term drought coupled with a lack of early-season rainfall has depleted moisture reserves and likely caused farmers to either dust in winter wheat and barley or delay planting altogether. Meanwhile, a cold front triggered moderate to heavy showers (10-60 mm) along Turkey's north coast, although rainfall diminished rapidly as the front drifted southward. Across the remainder of the region, isolated, mostly light showers (less than 10 mm) across northern portions of Syria, Iraq, and Iran provided limited topsoil moisture for winter wheat planting; more rain will be needed over the upcoming weeks to ensure adequate moisture for winter crop establishment, especially in the typically bitter cold regions of northwestern Iran.



**SOUTH AFRICA**

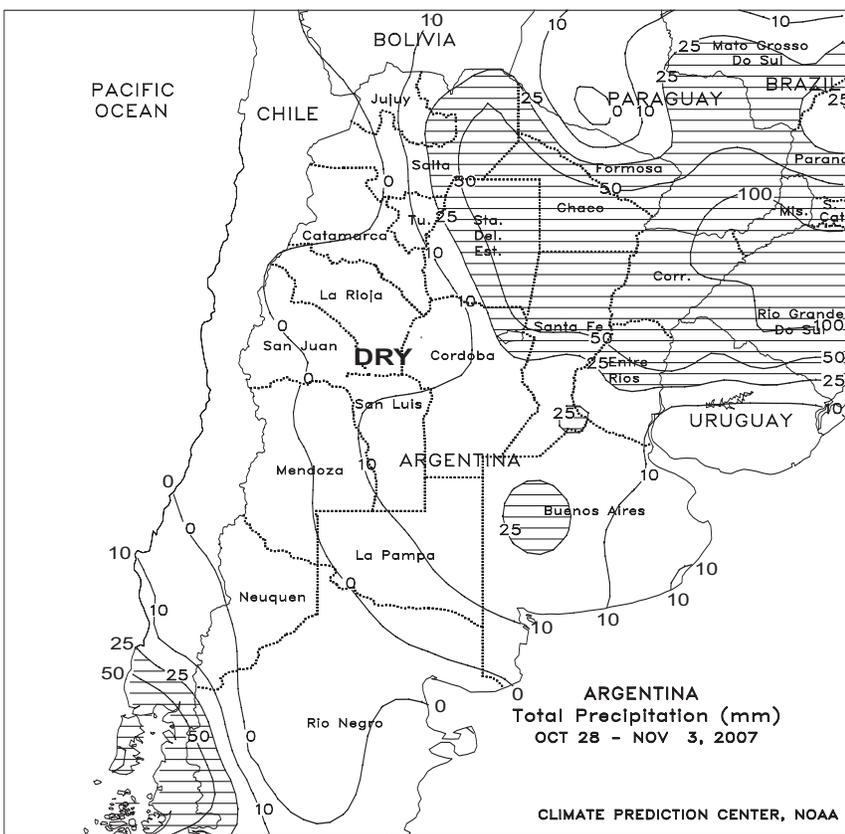
Warm, showery weather benefited emerging corn and other summer crops in key production areas of the east. Rainfall totaled up to 50 mm from southern Mpumalanga to sugarcane areas of KwaZulu-Natal, maintaining generally favorable moisture levels for agriculture. Scattered showers (5-25 mm or more) continued elsewhere in the corn belt, although drier conditions prevailed in the vicinity of northern Free State. Planting should be in full swing in the central corn belt. Elsewhere, unseasonably heavy rain (25-50 mm) covered predominately irrigated farming areas of Northern and Eastern Cape. Light showers (2-10 mm) fell in farming areas of Western Cape but above-normal temperatures (2-4 degrees C above normal, with highs in the middle and upper 30s degrees C) maintained high irrigation requirements of fruits and vegetables.





**BRAZIL**

Several days of soaking rain (total accumulation of more than 100 mm) likely caused local flooding and damage to unharvested winter wheat in Rio Grande do Sul. Later in the week, moderate showers (25-50 mm or more) developed over Parana and southern farming areas of Mato Grosso do Sul and Sao Paulo, increasing moisture for establishment of soybeans, corn, and other summer crops. In the Center-West Region, rain (10-25 mm) covered previously dry locations of Goias, but showers diminished somewhat in soybean areas of eastern Mato Grosso and northern Mato Grosso do Sul. Dry pockets also returned to citrus and coffee areas of northern Sao Paulo and western Minas Gerais after several weeks of beneficial rainfall. Unseasonable dryness persisted over northeastern Brazil, including soybean areas of western Bahia, although beneficial rain (greater than 25 mm) increased moisture for crops in southwestern Tocantins. Above-normal temperatures (highs approaching 40 degrees C) exacerbated the effects of the dryness in the aforementioned areas lacking rain.



**ARGENTINA**

Light to moderate showers (5-35 mm), accompanied by seasonably mild weather (near normal temperatures with highs reaching the upper 20s degrees C), benefited reproductive to filling winter grains and emerging summer crops throughout central Argentina. Moisture reserves are generally favorable throughout this region; in La Pampa and western Buenos Aires, the rain ended a brief dry spell, while in the lower Parana Valley, breaks in the rainfall allowed excessively wet fields to dry out. Heavy rain (50-100 mm) covered a broad section of the north, including the cotton areas of northern Santa Fe and neighboring locations in Chaco and Santiago del Estero. While untimely for mature winter grains, the moisture will ultimately benefit summer crop establishment. Temperatures averaging 1 to 2 degrees C above normal (highs reaching the middle and upper 30s degrees C) promoted development of sunflowers and other emerged summer crops in these northern growing areas. According to Argentina's Ministry of Agriculture (SAGPyA), corn was 70 percent planted, up 6 points from last week and 11 points ahead of last year's pace. In addition, winter wheat development reportedly ranged from reproductive to filling in most areas.

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