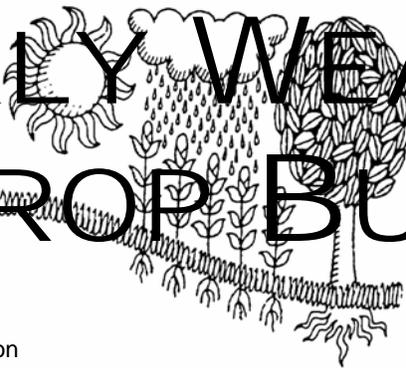
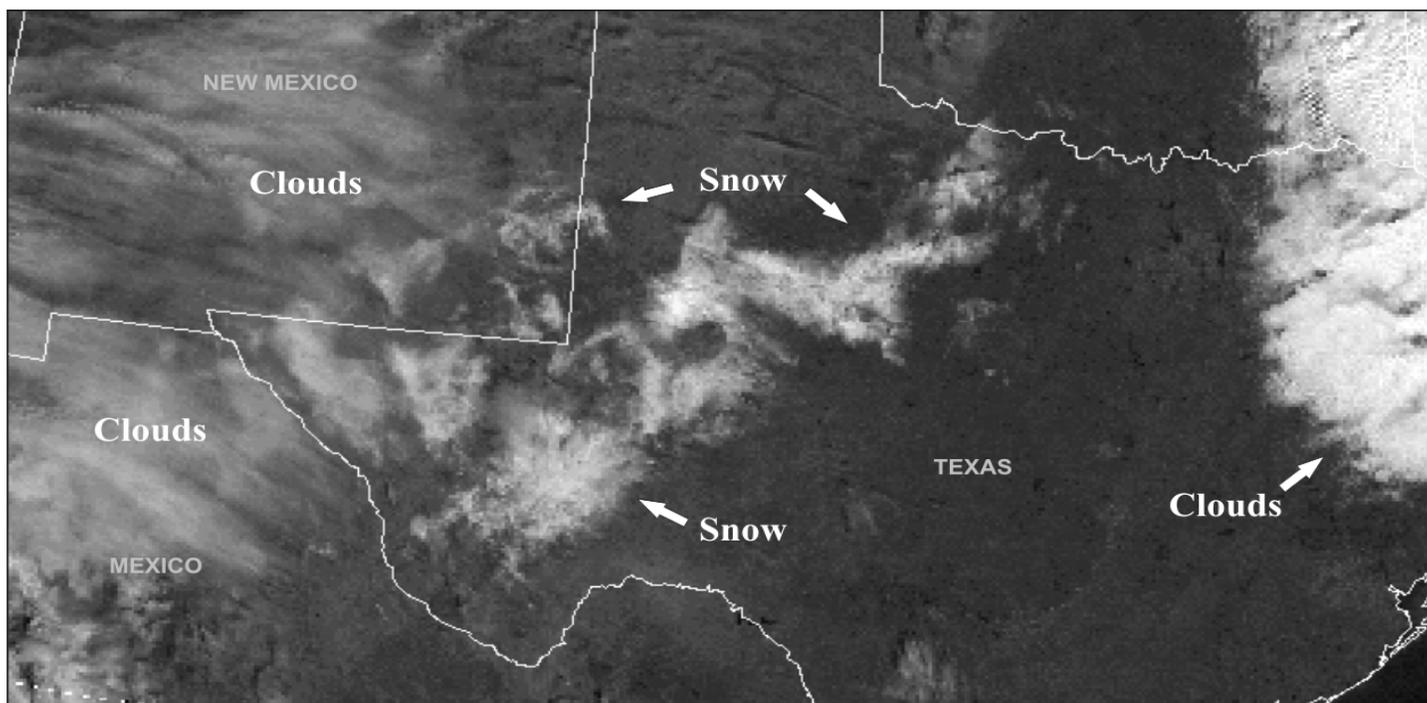


# WEEKLY WEATHER AND CROP BULLETIN



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



A GOES visible satellite image from the morning of November 26 shows snow covering much of southwest Texas and southeast New Mexico, left by a powerful storm system that moved out of northern Mexico. From November 22 - 25, up to 8 inches of snow was reported in the cities of Big Spring, Alpine and Fort Stockton, Texas, while Lakewood, Loco Hills and Loving, New Mexico reported snowfall accumulations between 6 and 8 inches. Midland, Texas received a total of 6.2 inches of snow from November 22 - 25, exceeding their average annual accumulation of 5.2 inches in only four days.

## HIGHLIGHTS

**November 18 - 24, 2007**

*Highlights provided by USDA/WAOB*

Sharply colder air trailed a storm system, lowering temperatures below 32°F as far south as **western Texas** and resulting in a few readings below 0°F across the **northern High Plains** and the **Intermountain West**. Weekly temperatures averaged at least 5°F below normal in much of **New England** and parts of the **Northwest**. Prior to the cold air's arrival, record warmth covered much of the nation. During the early- to mid-week period, heavy precipitation spread from the **middle Mississippi Valley into the Northeast**. A band of snow fell along the northern fringe of the precipitation shield, roughly from the **east-central Plains to northern New England**.

*(Continued on page 3)*

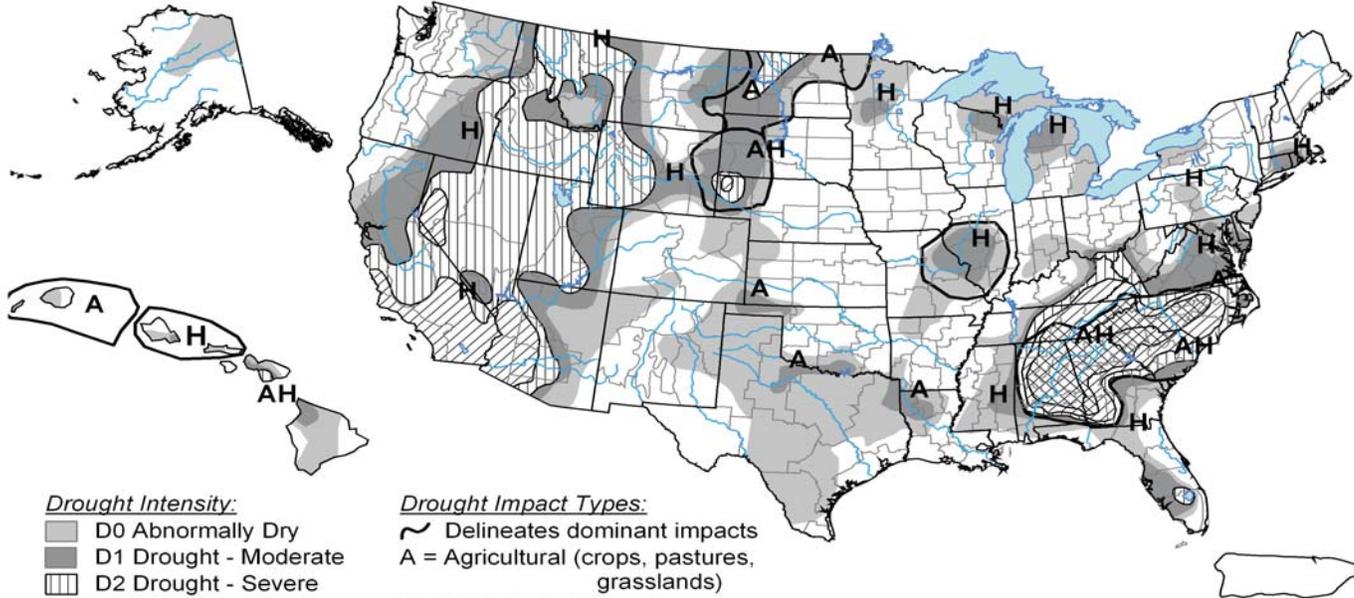
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# U.S. Drought Monitor

November 20, 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.



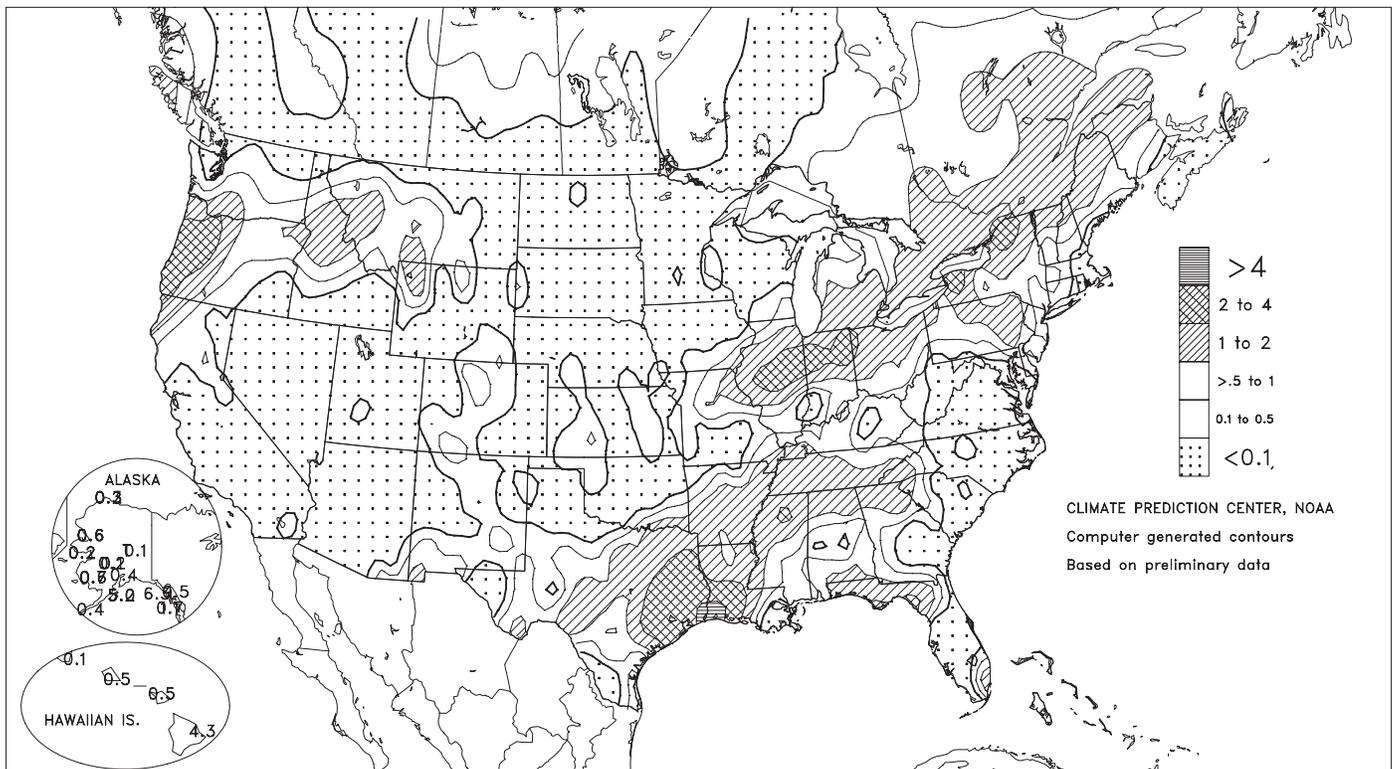
Released Thursday, November 22, 2007

Author: Richard Heim/Liz Love-Brotak, NOAA/NESDIS/NCDC

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

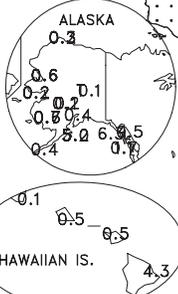
## Total Precipitation (Inches)

NOV 18 - 24, 2007



- > 4
- 2 to 4
- 1 to 2
- >.5 to 1
- 0.1 to 0.5
- < 0.1

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



(Continued from front cover)

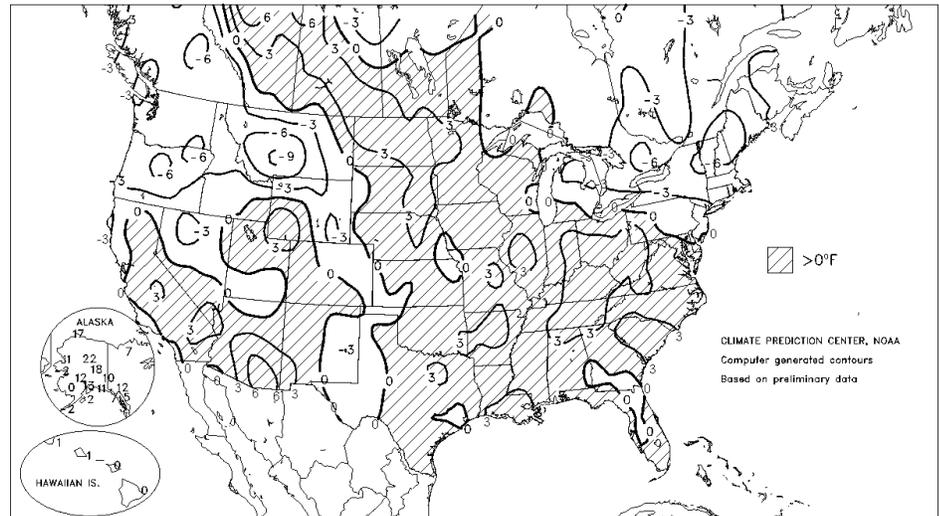
Generally, winter wheat benefited from the moisture, while most summer crop harvesting was already complete in storm-affected areas of the **Midwest** and **Northeast**. Farther west, generally light but highly beneficial precipitation, mostly in the form of snow, fell across parts of the **Plains**. Some heavier snow fell in **Montana**. Despite the moisture, winter wheat struggled to emerge and become established on portions of the **central and southern High Plains** due to a lack of topsoil moisture and colder conditions. Meanwhile, wet weather subsided early in the week across the **Northwest**, followed by cool, dry conditions. Nevertheless,

**Northwestern** winter grains continued to benefit from recent soil moisture improvements. Elsewhere in the **West**, mild, dry conditions promoted late-season fieldwork, although **southern California** experienced another wind-driven wildfire. Toward week's end, storminess overspread the **South** with cold air in place. As a result, significant snow fell from the **southern Rockies into western Texas**, while heavy rain developed in the **western and central Gulf Coast regions**.

During the first half of the week, record-setting warmth spread from the **West** across the remainder of the country. In **Arizona**, daily-record highs for November 18 included 90°F at **Organ Pipe Cactus National Monument** and 81°F in **Douglas**. The following day, readings of 88°F in **Phoenix, AZ**; 86°F in **Childress, TX**; 85°F in **Hill City, KS**; and 81°F in **Kearney, NE**, were among more than 100 daily-record highs. By November 20, warmth began to shift across the **South**, where records for the date reached 84°F in **Dallas-Ft. Worth, TX**, and 77°F in **Pinson, AL**. Additional daily records in **Texas** for November 21 included 93°F in **McAllen** and 88°F in **San Antonio**. By mid-week, warm weather shifted into the **East**, resulting in consecutive daily-record highs on November 21-22 in locations such as **Raleigh-Durham, NC** (78 and 77°F), and **Virginia's Dulles Airport** (76 and 75°F). On November 22, Thanksgiving Day featured daily-record highs in **Eastern** cities such as **Norfolk, VA** (78°F), and **Scranton, PA** (68°F). In contrast, **Western** record lows for November 22 dipped to -10°F in **Laramie, WY**; -6°F in **Randolph, UT**; and 11°F in **Russell, KS**. Three days earlier, **Russell** (83°F) had reported a daily-record high. Other late-week record lows included 8°F (on November 23) in **St. Joseph, MO**, and 28°F (on November 24) in **Redding, CA**. Farther south, however, a wind gust to 59 m.p.h. was clocked on November 24 in **Malibu Hills, CA**. Meanwhile, the nearby Corral Canyon fire charred nearly 5,000 acres of vegetation and consumed more than 50 homes in **Malibu** on November 24-25.

Departure of Average Temperature from Normal (°F)

NOV 18 - 24, 2007

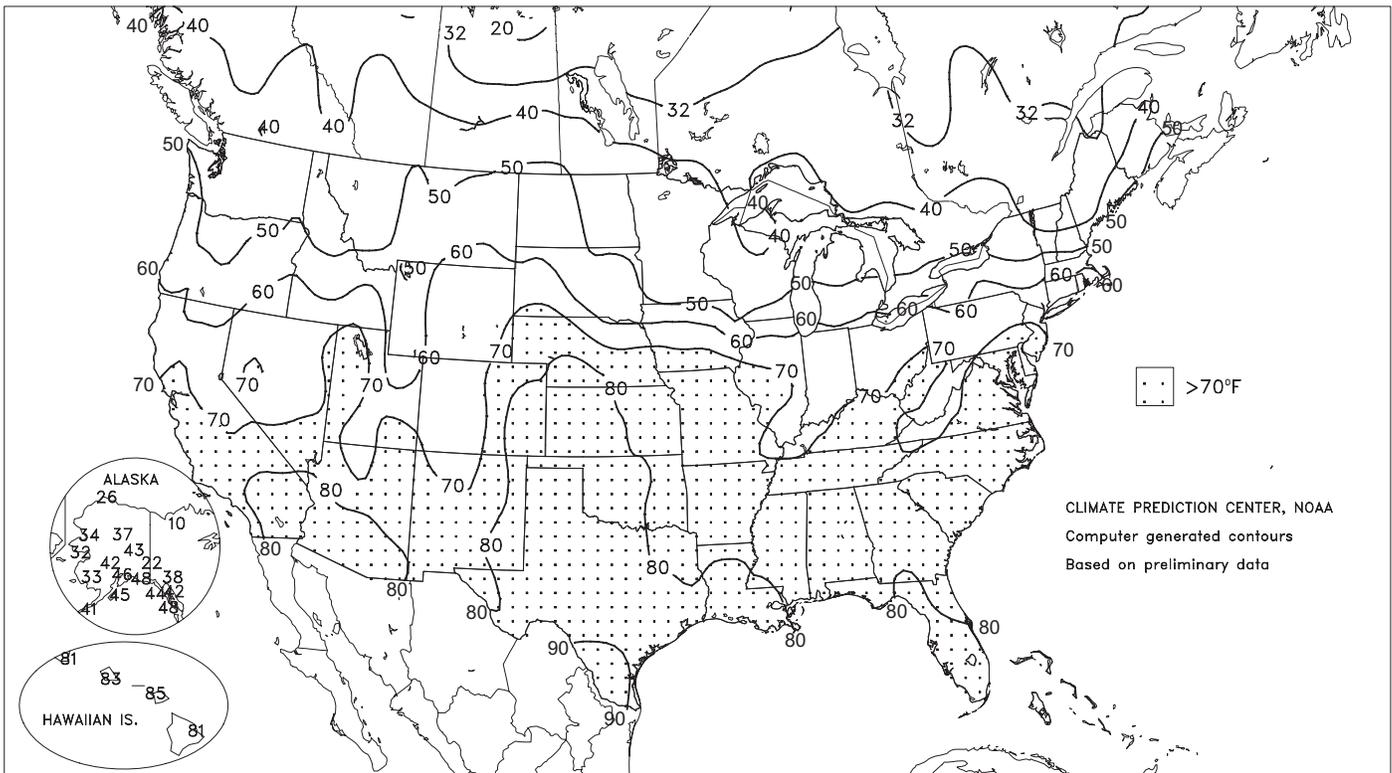


Early in the week, rain and snow fell in both the **Northeast** and the **Northwest**. In **Pennsylvania**, daily-record totals for November 18 included 3.3 inches in **Williamsport** and 2.2 inches in **Allentown**. Meanwhile, **Yakima, WA** (0.73 inch on November 18), netted a daily-record rainfall. By November 19, heavy snow spread into **Montana**, where daily records reached 12.6 inches in **Neihart** and 7.8 inches in **Great Falls**. From November 18-21, a total of 9.7 inches of snow blanketed **Great Falls**. By mid-week, snow reached the **Midwest**, where records for November 21 totaled 4.8 inches in **Des Moines, IA**, and 1.2 inches in **Milwaukee, WI**. During the second half of the week, snow developed across the **southern Rockies** and **southern High Plains**. In **western Texas**, **Midland** received daily-record totals on 3 of 4 days (1.7, 1.5, and 3.0 inches on November 22, 24, and 25, respectively). Other late-week snowfall records included 3.5 inches (on November 23) in **Dalhart, TX**, and 2.0 inches (on November 24) in **Wichita, KS**. Farther north, snowfall records for November 22 included 5.5 inches in **Alpena, MI**, and 4.6 inches in **Caribou, ME**.

**Alaska** experienced warmer-than-normal weather, except for near-normal temperatures in southwestern areas. Weekly temperatures averaged more than 20°F above normal across parts of **interior Alaska**, where **Bettles** (37°F on both November 22 and 23) notched consecutive daily-record highs. Prior to the record highs, **Bettles** also netted a daily-record snowfall, with a 5.8-inch accumulation on November 18. Heavy precipitation fell in parts of **southern Alaska**, where weekly totals reached 5.00 inches (including 11.4 inches of snow) in **Valdez** and 4.75 inches in **Kodiak**. Meanwhile in **Hawaii**, early- to mid-week showers were followed by mostly dry weather. On **Oahu**, 24-hour totals on November 19-20 included 2.32 inches at the **Manoa Lyon Arboretum** and 1.39 inches in **Maunawili**. Despite the showers, year-to-date rainfall through November 24 stood at just 14.39 inches (43 percent of normal) in **Lihue, Kauai**, and 5.58 inches (37 percent) in **Kahului, Maui**.

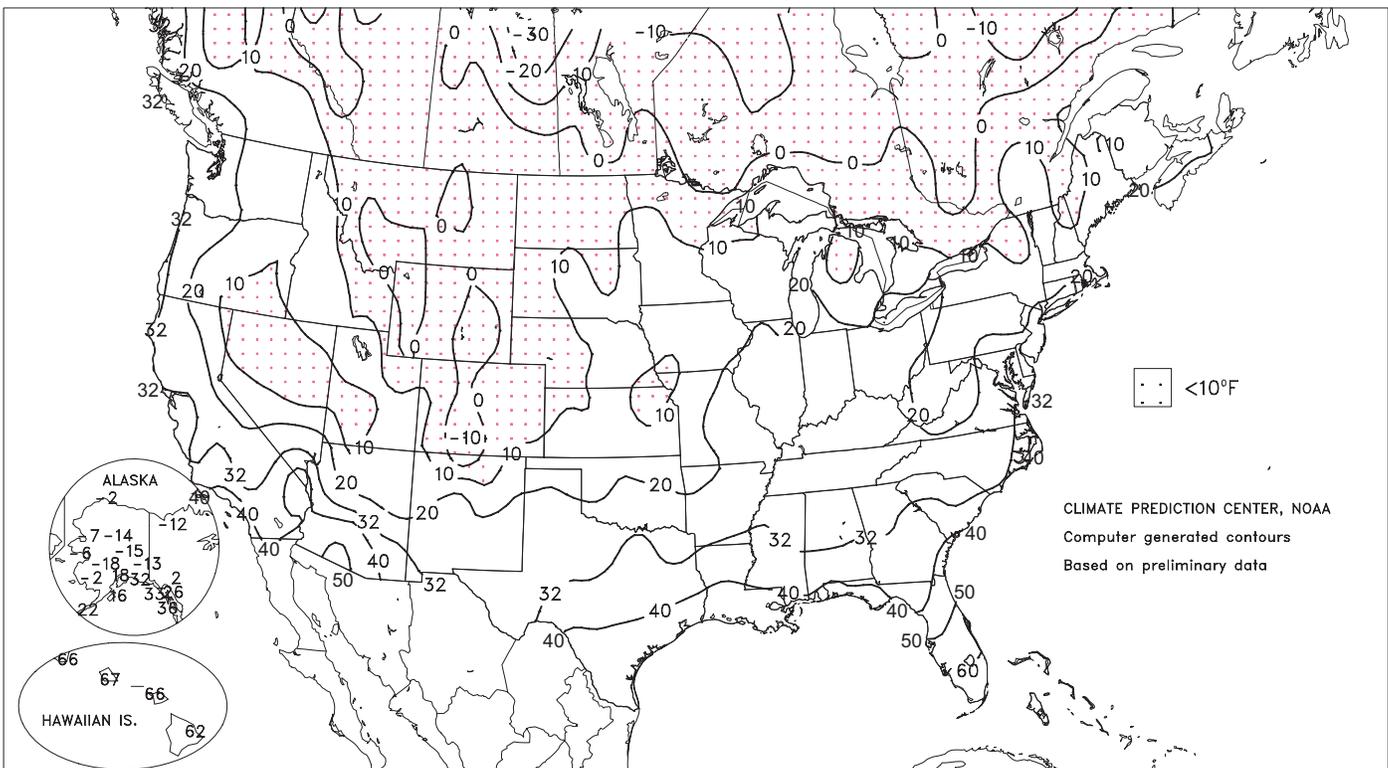
Extreme Maximum Temperature (°F)

NOV 18 - 24, 2007



Extreme Minimum Temperature (°F)

NOV 18 - 24, 2007



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

Weather Data for the Week Ending November 24, 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 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
MISSISSIPPI																			
ND TUNICA 1W	59	44	76	31	52	-	0.69	-	0.65	-	-	-	-	63	54	0	2	2	1
LYON	60	44	75	31	52	-	0.36	-	0.28	-	-	-	-	60	54	0	2	3	0
VANCE	59	44	75	31	52	-	0.50	-	0.35	6.95	-	-	-	61	55	0	1	3	0
PERTSHIRE	59	44	75	30	52	-	-	-	-	-	-	-	-	61	53	0	2	-	-
SCOTT	60	46	76	32	53	-	0.75	-	0.49	-	-	-	-	61	54	0	1	4	0
NE VERONA	61	44	74	30	53	-	0.84	-	0.58	11.45	-	-	-	61	51	0	2	4	1
SD STONEVILLE x	65	46	76	31	56	-4	0.47	-0.82	0.35	9.48	90	37.59	80	64	55	0	2	3	0
INDIANOLA 1S*	61	46	77	33	54	-	0.97	-	0.41	13.15	-	-	-	61	55	0	0	5	0
INVERNESS 5E	61	47	76	34	54	-	0.47	-	0.28	-	-	-	-	63	57	0	0	4	0
SIDON	63	47	78	35	55	-	0.71	-	0.41	-	-	-	-	63	56	0	0	3	0
NORTH ISSAQUENA	61	48	76	34	54	-	1.70	-	0.97	7.74	-	-	-	63	58	0	0	4	2
SILVER CITY	62	48	77	35	55	-	0.62	-	0.28	8.94	-	-	-	61	56	0	0	5	0
ONWARD	62	48	77	36	55	-	2.53	-	1.96	9.26	-	-	-	62	57	0	0	3	1
MAYDAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURI																			
NW CORNING	47	26	78	6	37	-2	0.09	-0.20	0.09	6.70	82	35.78	106	-	-	0	4	1	0
ALBANY	48	26	76	7	38	-1	0.01	-0.36	0.01	5.90	72	30.79	86	47	42	0	4	1	0
ST. JOSEPH	48	29	76	14	39	-2	0.02	-0.39	0.01	8.18	94	33.28	97	-	-	0	4	2	0
NC LINNEUS	49	30	73	15	40	0	0.38	-0.15	0.37	6.66	76	30.64	88	48	44	0	4	2	0
BRUNSWICK	49	31	74	18	41	0	0.40	-0.25	0.40	6.59	74	30.30	84	50	43	0	4	1	0
NE NOVELTY	48	30	72	20	40	-1	0.59	0.05	0.56	6.84	76	33.24	99	48	41	0	4	3	1
MONROE CITY	50	33	73	21	42	1	1.18	0.45	1.13	5.93	65	29.28	86	49	42	0	4	2	1
WC GREEN RIDGE	51	33	74	17	42	0	0.29	-0.64	0.25	8.49	84	30.60	76	50	42	0	4	2	0
C AUXVASSE	51	34	73	20	42	0	0.77	-0.06	0.65	4.61	50	26.54	73	48	42	0	4	4	1
SANBORN FIELD	53	36	74	25	44	1	0.78	-0.01	0.73	6.30	69	28.68	76	51	42	0	4	2	1
WILLIAMSBURG	53	34	73	21	43	0	0.43	-0.54	0.43	5.32	50	25.15	60	47	40	0	3	1	0
COLUMBIA	53	35	74	24	43	0	0.61	-0.19	0.58	5.76	63	27.25	73	-	-	0	4	2	1
VERSAILLES	54	37	76	23	44	0	0.24	-0.80	0.16	6.10	59	33.10	85	52	45	0	4	2	0
EC COOK STATION	55	36	73	20	45	-1	0.15	-0.85	0.15	6.92	65	31.58	80	53	45	0	4	1	0
SW LAMAR	55	36	73	16	44	-1	0.44	-0.72	0.30	8.12	67	48.41	111	53	47	0	4	2	0
SC MOUNTAIN GROVE	55	36	71	18	44	0	0.00	-1.27	0.00	-	-	-	-	54	46	0	4	0	0
SE DELTA	55	38	67	25	48	2	0.45	-0.72	0.45	9.93	97	30.95	77	55	46	0	2	1	0
CHARLESTON	56	41	70	28	50	3	0.48	-0.46	0.48	11.91	127	39.36	96	54	46	0	2	1	0
GLENNONVILLE	57	41	70	28	50	2	0.42	-0.57	0.42	9.02	96	31.39	84	55	48	0	2	1	0
CLARKTON	56	39	71	26	49	1	0.55	-0.40	0.55	7.24	75	30.32	78	55	46	0	2	1	1
PORTAGEVILLE DC	57	42	73	29	50	1	1.42	0.41	1.42	13.96	132	34.96	85	58	49	0	2	1	1
PORTAGEVILLE LF	57	42	73	29	50	1	2.47	1.47	2.47	18.67	181	38.74	95	56	48	0	2	1	1
STEELE	58	42	72	29	50	1	0.95	-0.38	0.95	10.95	102	28.84	67	57	50	0	2	1	1
CARDWELL	57	41	71	27	50	2	1.55	0.22	1.55	13.30	120	34.90	83	57	49	0	2	1	1

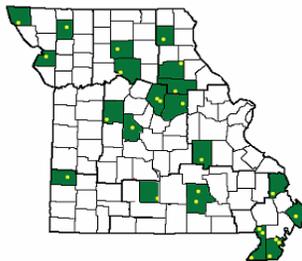
Compiled by USDA/OCE/WAOB's Stoneville Field Office. \* Beasley Lake. X Based on 1971-2000 normals. - Sufficient data not available

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

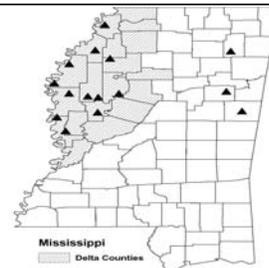
Missouri: NW = Northwest; NC = North Central; NE = Northeast; WC = West Central; C = Central; EC = East Central; SW = Southwest; SE = Southeast.

**Weather and Crop Summary for the Mississippi Delta:** Several episodes of showers occurred during the week, but stronger storms occurred at mid-week from a passing cold front. Most stations received under an inch of rainfall, but isolated locations in the southern Delta had heavier amounts. Temperatures peaked above 75 degrees F in most locations, but abruptly dropped to near or below the freezing mark after the front's passage.

Missouri Weather Stations



Mississippi Weather Stations



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

Note: For information on the weather stations in Mississippi, please visit: [http://www.deltaweather.msstate.edu/maps/weather\\_station\\_map.htm](http://www.deltaweather.msstate.edu/maps/weather_station_map.htm)

National Weather Data for Selected Cities

Weather Data for the Week Ending November 24, 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	65	45	74	29	55	4	0.36	-0.77	0.36	6.21	57	28.48	59	89	50	0	2	1	0
HUNTSVILLE	63	43	74	28	53	3	0.97	-0.34	0.54	6.69	56	26.89	53	87	64	0	2	3	1
MOBILE	70	49	79	37	60	3	0.29	-1.08	0.16	11.76	87	43.96	73	85	57	0	0	2	0
AK MONTGOMERY	68	44	78	32	56	1	0.16	-1.03	0.13	8.58	84	32.99	68	88	50	0	1	2	0
ANCHORAGE	38	28	46	18	33	13	0.43	0.21	0.21	7.08	122	14.50	98	86	75	0	3	7	0
BARROW	18	9	26	-2	14	17	0.18	0.15	0.07	1.15	97	2.33	59	94	82	0	7	6	0
FAIRBANKS	28	5	43	-15	17	18	0.01	-0.13	0.00	2.14	84	10.96	116	88	76	0	7	1	0
JUNEAU	40	34	42	26	37	5	0.47	-0.69	0.32	23.67	117	55.97	108	90	80	0	1	4	0
KODIAK	41	29	45	16	35	2	5.02	3.52	2.23	20.37	95	76.46	115	83	76	0	4	5	3
NOME	22	4	32	-6	13	-2	0.20	-0.08	0.15	5.27	104	12.08	79	90	78	0	7	2	0
AZ FLAGSTAFF	52	22	66	12	37	2	0.00	-0.41	0.00	3.28	60	11.78	57	59	16	0	7	0	0
PHOENIX	79	54	88	47	67	8	0.00	-0.17	0.00	0.13	6	2.77	39	37	19	0	0	0	0
PRESCOTT	64	32	75	25	48	6	0.00	-0.28	0.00	1.89	44	10.70	61	48	13	0	4	0	0
TUCSON	78	50	88	42	64	7	0.00	-0.14	0.00	0.47	15	8.31	76	43	25	0	0	0	0
AR FORT SMITH	62	39	76	22	50	2	0.00	-1.14	0.00	14.30	126	41.80	106	84	53	0	2	0	0
LITTLE ROCK	62	45	77	28	53	3	0.34	-1.04	0.33	11.34	91	37.45	83	82	56	0	1	2	0
CA BAKERSFIELD	64	45	69	38	54	1	0.00	-0.14	0.00	0.47	53	2.63	47	72	59	0	0	0	0
FRESNO	66	44	71	38	55	5	0.00	-0.25	0.00	0.35	20	4.76	49	80	64	0	0	0	0
LOS ANGELES	64	54	73	49	59	-1	0.00	-0.28	0.00	1.18	83	2.85	26	83	64	0	0	0	0
REDDING	64	45	69	28	54	5	0.11	-0.85	0.11	3.61	62	16.78	60	59	43	0	1	1	0
SACRAMENTO	65	40	70	32	52	1	0.00	-0.52	0.00	1.96	67	8.57	57	86	39	0	1	0	0
SAN DIEGO	64	54	72	47	59	-2	0.00	-0.25	0.00	0.46	32	2.72	30	82	67	0	0	0	0
SAN FRANCISCO	63	45	69	40	54	1	0.01	-0.60	0.01	2.73	86	9.09	55	80	65	0	0	1	0
STOCKTON	67	41	72	33	54	3	0.01	-0.40	0.01	1.64	66	6.57	57	72	50	0	0	1	0
CO ALAMOSA	47	8	68	-8	28	2	0.59	0.51	0.34	1.72	90	8.66	128	65	42	0	7	3	0
CO SPRINGS	49	23	76	11	36	2	0.18	0.11	0.09	0.77	31	11.31	67	71	28	0	5	3	0
DENVER INTL	46	24	76	8	35	0	0.26	0.15	0.13	3.83	161	13.43	102	75	41	0	5	3	0
GRAND JUNCTION	51	23	65	13	37	1	0.00	-0.13	0.00	2.45	99	7.86	94	55	33	0	6	0	0
PUEBLO	53	21	82	5	37	1	0.15	0.05	0.12	0.58	30	12.72	107	65	40	0	6	3	0
CT BRIDGEPORT	49	33	63	23	41	-2	0.25	-0.58	0.20	6.28	63	36.49	91	70	52	0	2	3	0
HARTFORD	44	27	65	19	35	-5	0.25	-0.68	0.24	6.43	57	34.87	84	80	57	0	6	2	0
DC WASHINGTON	58	41	77	30	50	3	0.00	-0.70	0.00	8.54	91	29.59	83	77	53	0	1	0	0
DE WILMINGTON	52	37	72	23	44	0	0.48	-0.29	0.23	7.74	81	36.64	95	87	58	0	2	3	0
FL DAYTONA BEACH	76	57	79	51	67	1	0.04	-0.62	0.02	15.26	113	41.28	90	93	55	0	0	2	0
JACKSONVILLE	72	48	78	40	60	0	0.15	-0.40	0.15	14.45	106	43.26	88	94	56	0	0	1	0
KEY WEST	83	75	84	72	79	4	0.00	-0.52	0.00	20.58	172	37.16	102	72	57	0	0	0	0
MIAMI	82	68	85	63	75	1	0.27	-0.40	0.22	18.51	106	65.03	117	77	51	0	0	2	0
ORLANDO	79	57	81	53	68	1	0.00	-0.55	0.00	14.57	142	37.23	82	99	56	0	0	0	0
PENSACOLA	70	51	77	40	61	2	1.15	0.11	1.06	23.01	171	48.59	82	85	60	0	0	2	1
TALLAHASSEE	73	45	79	34	59	0	1.50	0.59	0.91	10.41	92	41.84	72	87	54	0	0	2	2
TAMPA	79	60	82	54	69	1	0.01	-0.41	0.01	7.00	70	40.65	97	85	49	0	0	1	0
GA WEST PALM BEACH	80	68	82	63	74	2	0.15	-1.13	0.14	20.72	114	61.08	107	76	59	0	0	2	0
ATHENS	67	41	76	31	54	3	1.17	0.32	1.17	4.63	47	25.63	59	83	50	0	1	1	1
ATLANTA	64	44	73	33	54	2	0.29	-0.71	0.16	5.82	56	26.76	59	79	54	0	0	2	0
AUGUSTA	72	41	80	32	57	4	0.30	-0.27	0.30	2.93	33	26.41	65	84	42	0	1	1	0
COLUMBUS	67	44	75	36	56	1	0.19	-0.81	0.10	4.20	50	31.68	73	88	44	0	0	4	0
MACON	70	41	77	31	55	1	0.39	-0.40	0.30	4.84	60	32.30	80	87	43	0	1	3	0
SAVANNAH	71	47	79	40	59	2	0.02	-0.49	0.01	11.77	116	40.57	88	87	49	0	0	2	0
HI HILO	81	65	81	62	73	-1	4.32	0.55	3.06	26.49	84	88.22	78	84	75	0	0	5	2
HONOLULU	82	70	83	67	76	-1	0.46	-0.05	0.45	5.45	117	8.28	56	73	64	0	0	2	0
KAHULUI	83	68	85	66	75	0	0.49	-0.04	0.27	1.52	50	5.71	38	86	76	0	0	5	0
LIHUE	81	71	81	66	76	1	0.05	-1.03	0.05	2.40	22	14.45	43	74	65	0	0	1	0
ID BOISE	45	29	61	19	37	0	0.25	-0.08	0.12	2.61	102	6.85	65	83	70	0	5	3	0
LEWISTON	37	28	55	20	33	-6	0.90	0.62	0.53	2.81	104	7.50	66	85	77	0	5	3	1
POCATELLO	44	21	66	8	33	1	0.03	-0.22	0.03	3.63	134	9.73	87	81	68	0	5	1	0
IL CHICAGO/O'HARE	44	32	59	22	38	1	1.15	0.46	0.84	4.25	51	32.74	99	83	71	0	3	4	1
MOLINE	46	31	64	22	39	3	0.80	0.19	0.38	4.13	51	38.73	110	84	69	0	4	4	0
PEORIA	50	35	69	26	43	5	1.26	0.54	1.02	5.41	66	33.70	102	84	63	0	3	5	1
ROCKFORD	44	31	58	20	37	2	0.34	-0.27	0.22	3.93	49	34.76	102	82	66	0	5	3	0
SPRINGFIELD	52	36	72	26	44	4	2.02	1.36	1.58	7.06	92	29.64	92	87	62	0	3	3	1
IN EVANSVILLE	55	38	68	24	47	3	0.51	-0.51	0.50	7.64	85	30.47	77	82	63	0	2	2	1
FORT WAYNE	49	35	62	24	42	4	2.50	1.81	2.45	8.14	105	35.38	107	86	72	0	3	3	1
INDIANAPOLIS	51	37	65	25	44	3	0.27	-0.58	0.20	5.72	68	30.90	83	86	68	0	3	4	0
SOUTH BEND	47	33	61	23	40	2	1.73	0.93	1.15	7.94	82	37.50	105	86	73	0	3	5	1
IA BURLINGTON	50	36	73	27	43	5	1.40	0.77	1.09	4.86	56	35.79	101	85	62	0	3	3	1
CEDAR RAPIDS	41	26	64	10	34	0	0.18	-0.33	0.09	7.35	101	36.26	115	98	73	0	6	4	0
DES MOINES	41	28	70	14	35	0	0.20	-0.24	0.09	9.24	124	38.81	118	88	78	0			

Weather Data for the Week Ending November 24, 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	56	32	79	15	44	2	0.05	-0.34	0.04	4.98	72	35.40	123	80	54	0	4	2	0
KY JACKSON	59	40	73	24	49	3	0.51	-0.53	0.24	8.86	87	29.31	66	88	51	0	2	4	0
KY LEXINGTON	56	38	70	23	47	3	0.20	-0.65	0.15	8.92	106	35.91	87	89	69	0	3	3	0
KY LOUISVILLE	58	41	72	27	50	4	0.72	-0.21	0.72	12.15	138	36.36	91	77	57	0	3	1	1
LA PADUCAH	57	39	71	23	48	3	0.49	-0.64	0.49	8.86	84	35.12	80	87	56	0	2	1	0
LA BATON ROUGE	70	53	82	43	62	5	1.18	0.03	0.82	7.80	63	47.25	83	89	52	0	0	5	1
LA LAKE CHARLES	68	55	80	43	62	4	4.64	3.52	1.70	14.17	105	63.35	123	86	60	0	0	5	3
LA NEW ORLEANS	71	56	80	45	63	3	0.01	-1.28	0.01	11.58	92	48.10	83	83	66	0	0	1	0
LA SHREVEPORT	64	48	79	35	56	2	1.37	0.30	1.36	5.42	48	41.67	91	89	60	0	0	2	1
ME CARIBOU	29	17	33	8	23	-5	1.06	0.34	1.01	12.06	138	36.15	108	93	73	0	7	2	1
ME PORTLAND	40	25	45	14	32	-5	0.13	-0.95	0.08	12.69	110	41.15	101	83	56	0	6	3	0
MD BALTIMORE	56	37	74	22	46	2	0.00	-0.74	0.00	7.56	79	30.79	81	86	60	0	2	0	0
MA BOSTON	44	32	60	22	38	-5	0.08	-0.83	0.08	6.36	61	34.06	90	75	55	0	3	1	0
MA WORCESTER	40	26	62	16	33	-5	0.10	-0.86	0.08	7.64	61	37.93	85	83	54	0	6	3	0
MI ALPENA	37	21	45	5	29	-3	0.54	0.08	0.26	6.20	91	24.30	93	92	71	0	6	4	0
MI GRAND RAPIDS	44	31	55	21	37	1	1.03	0.20	0.63	5.55	57	30.18	90	86	64	0	4	4	1
MI HOUGHTON LAKE	37	22	46	7	30	-3	0.53	0.05	0.28	4.06	58	22.65	86	86	73	0	7	4	0
MI LANSING	44	28	56	15	36	0	1.06	0.43	0.86	6.36	81	29.21	102	84	68	0	6	4	1
MI MUSKOGON	43	32	52	24	38	1	0.20	-0.55	0.08	5.24	59	26.80	91	81	63	0	3	4	0
MI TRAVERSE CITY	39	25	48	14	32	-3	0.46	-0.15	0.19	5.12	59	18.67	62	92	60	0	6	6	0
MN DULUTH	31	20	39	9	26	1	0.09	-0.38	0.06	11.57	139	27.32	92	80	66	0	7	3	0
MN INT'L FALLS	31	16	44	-1	24	3	0.05	-0.23	0.04	8.50	139	23.76	103	88	59	0	6	2	0
MN MINNEAPOLIS	37	26	42	15	31	1	0.08	-0.32	0.06	9.76	153	32.87	117	79	66	0	7	2	0
MN ROCHESTER	36	27	42	15	31	3	0.10	-0.34	0.09	10.91	157	39.92	133	83	70	0	6	2	0
MN ST. CLOUD	35	22	46	10	29	3	0.00	-0.29	0.00	8.25	128	24.82	95	87	57	0	7	0	0
MS JACKSON	66	48	80	34	57	4	0.47	-0.76	0.28	6.83	65	30.57	62	89	56	0	0	4	0
MS MERIDIAN	65	44	77	32	55	1	0.21	-1.03	0.17	6.03	56	31.55	60	80	60	0	1	3	0
MS TUPELO	62	45	75	29	54	4	0.86	-0.40	0.70	12.95	123	38.03	78	83	65	0	2	4	1
MO COLUMBIA	53	35	74	23	44	3	0.19	-0.62	0.17	7.78	83	29.08	78	86	63	0	4	2	0
MO KANSAS CITY	50	32	76	14	41	1	0.36	-0.16	0.17	9.29	95	30.92	86	87	61	0	4	3	0
MO SAINT LOUIS	54	37	75	28	46	3	0.32	-0.58	0.29	4.47	52	27.37	78	82	68	0	3	2	0
MO SPRINGFIELD	55	35	71	19	45	2	0.10	-1.00	0.03	7.53	64	40.16	98	85	68	0	4	5	0
MT BILLINGS	34	18	56	6	26	-6	0.38	0.24	0.19	4.60	145	16.15	116	83	62	0	6	3	0
MT BUTTE	28	5	40	-10	16	-9	0.18	0.07	0.15	3.98	172	12.53	104	92	63	0	7	2	0
MT CUT BANK	38	17	45	6	27	0	0.00	-0.08	0.00	3.76	195	5.46	45	76	35	0	7	0	0
MT GLASGOW	34	15	52	4	25	0	0.04	-0.02	0.04	2.60	132	14.59	136	86	71	0	7	1	0
MT GREAT FALLS	30	15	48	6	23	-7	0.39	0.28	0.28	2.82	108	11.56	82	88	63	0	7	4	0
MT HAVRE	38	13	51	5	26	0	0.00	-0.08	0.00	1.99	104	11.83	110	79	55	0	7	0	0
MT MISSOULA	28	16	49	2	22	-8	0.43	0.21	0.30	2.92	111	9.56	77	83	74	0	6	4	0
NE GRAND ISLAND	49	26	79	12	37	4	0.00	-0.31	0.00	5.83	115	37.46	150	83	63	0	4	0	0
NE LINCOLN	46	24	78	10	35	0	0.06	-0.28	0.03	7.67	125	33.31	122	81	67	0	4	3	0
NE NORFOLK	45	25	64	13	35	3	0.03	-0.28	0.03	10.55	205	37.19	144	82	66	0	4	1	0
NE NORTH PLATTE	49	19	81	6	34	2	0.03	-0.10	0.02	3.14	99	23.57	123	86	38	0	6	2	0
NE OMAHA	43	25	73	11	34	-1	0.03	-0.37	0.02	8.57	125	37.75	130	86	74	0	4	2	0
NE SCOTTSBLUFF	48	23	78	8	35	3	0.04	-0.13	0.03	1.17	41	8.60	55	69	45	0	5	2	0
NE VALENTINE	45	20	69	9	33	2	0.00	-0.14	0.00	3.73	110	25.08	132	79	48	0	6	0	0
NV ELY	48	14	67	2	31	0	0.00	-0.11	0.00	1.24	51	6.06	65	62	37	0	7	0	0
NV LAS VEGAS	68	47	77	38	57	4	0.00	-0.06	0.00	0.71	96	2.16	54	25	17	0	0	0	0
NV RENO	52	28	70	17	40	1	0.00	-0.19	0.00	1.03	71	2.85	45	63	37	0	4	0	0
NV WINNEMUCCA	49	15	67	2	32	-3	0.02	-0.15	0.01	2.28	130	6.68	92	80	44	0	7	2	0
NH CONCORD	38	24	43	17	31	-5	0.21	-0.60	0.18	9.24	97	36.24	107	82	58	0	6	3	0
NJ NEWARK	49	35	69	25	42	-3	0.36	-0.57	0.12	6.73	66	48.62	116	76	59	0	2	4	0
NM ALBUQUERQUE	56	34	73	29	45	3	0.11	0.00	0.06	1.01	40	8.95	101	57	29	0	3	2	0
NY ALBANY	41	25	51	14	33	-4	0.51	-0.23	0.32	10.67	117	39.86	115	85	57	0	6	3	0
NY BINGHAMTON	43	28	65	15	35	-1	0.56	-0.24	0.31	10.49	114	35.04	100	88	70	0	5	4	0
NY BUFFALO	42	29	54	18	35	-3	2.73	1.79	1.80	10.71	106	29.97	84	86	66	0	5	3	2
NY ROCHESTER	41	28	52	17	34	-4	2.16	1.49	1.10	8.80	107	27.08	88	85	70	0	5	4	2
NY SYRACUSE	41	26	50	15	33	-5	1.01	0.10	0.74	10.16	99	34.71	96	91	69	0	5	4	1
NC ASHEVILLE	59	32	71	21	46	1	0.35	-0.54	0.25	7.39	74	29.82	70	95	55	0	3	2	0
NC CHARLOTTE	68	39	86	25	53	2	0.10	-0.65	0.10	3.92	39	24.22	61	79	38	0	2	1	0
NC GREENSBORO	64	39	74	26	51	3	0.22	-0.47	0.19	8.22	83	28.19	72	77	39	0	2	2	0
NC HATTERAS	64	48	70	45	56	0	0.04	-1.04	0.04	12.36	82	32.09	61	92	58	0	0	1	0
NC RALEIGH	65	40	78	25	52	2	0.00	-0.69	0.00	7.24	74	31.30	80	81	47	0	1	0	0
NC WILMINGTON	71	45	77	31	58	3	0.02	-0.80	0.01	7.14	57	30.23	58	92	43	0	2	2	0
ND BISMARCK	39	22	54	9	31	6	0.05	-0.08	0.03	2.77	81	18.98	117	77	62	0	6	3	0
ND DICKINSON	38	19	59	7	29	3	0.00	-0.09	0.00	1.68	49	16.61	105	83	41	0	6	0	0
ND FARGO	36	24	46	15	30	7	0.11	-0.08	0.06	5.26	104	24.52	120	84	60	0	6	3	0
ND GRAND FORKS	34	20	48	9	27	4	0.05	-0.13	0.03	4.09	91	20.43	108	83	55	0	7	2	0
ND JAMESTOWN	36	20	47	7	28	4	0.07	-0.05	0.07	4.52	122	20.36	114	85	58	0	6	1	0
ND WILLISTON	37	18	55	10	28	6	0.01	-0.13	0.01	1.85	69	14.42	108	78	61	0	7	1	0
OH AKRON-CANTON	49	34	65	20	41	2	0.76	0.02	0.49	8.21	99	35.33	102	85	73	0	4	3	0
OH CINCINNATI	54	38	68	22	46	3	0.55	-0.25	0.39	10.71	126	29.82	77	89	70	0	2	4	0
OH CLEVELAND	49	34	65	25	41	1	1.09	0.26	0.62	8.00	88	36.64	105	81	60	0	5	3	1
OH COLUMBUS	53	38	68	25	46	4	0.68	-0.09	0.42	7.47	97	34.71	100	78	62	0	2	3	0
OH DAYTON	53	38	65	24	45	5	0.32	-0.45	0.12	10.25	129	35.59	99	88	67	0	3	5	0
OH MANSFIELD	49	32	64	21	41	3	1.03	0.12	0.56	9.04	100	43.21	110	92	65	0	5	3	1

Based on 1971-2000 normals

Weather Data for the Week Ending November 24, 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	0.1 INCH OR MORE	50 INCH OR MORE	
OK TOLEDO	48	31	60	21	39	1	1.59	0.93	1.50	5.38	73	32.29	108	87	70	0	5	4	1	
OK YOUNGSTOWN	49	34	66	21	42	3	0.69	-0.08	0.44	7.10	82	33.16	97	82	69	0	3	4	0	
OK OKLAHOMA CITY	58	37	82	22	48	2	0.00	-0.44	0.00	10.87	117	54.41	162	78	46	0	2	0	0	
OR TULSA	60	39	80	19	50	3	0.00	-0.79	0.00	13.87	120	48.71	124	82	62	0	2	0	0	
OR ASTORIA	48	33	53	29	41	-5	0.71	-1.89	0.55	12.75	78	50.77	93	89	76	0	3	3	1	
OR BURNS	43	20	57	10	32	1	0.13	-0.13	0.09	2.30	113	7.55	84	91	75	0	6	2	0	
OR EUGENE	46	31	49	21	38	-5	2.10	-0.03	1.93	10.60	93	27.20	67	94	87	0	5	3	1	
OR MEDFORD	52	31	68	21	42	0	1.04	0.30	0.78	5.22	121	14.09	95	89	54	0	4	2	1	
OR PENDLETON	37	28	49	23	33	-6	0.73	0.34	0.54	2.98	103	9.25	85	91	80	0	6	2	1	
OR PORTLAND	46	35	50	29	40	-4	1.23	-0.17	0.79	8.38	94	23.71	79	84	72	0	2	3	1	
OR SALEM	47	33	50	26	40	-4	1.31	-0.30	1.12	10.15	108	27.39	85	90	78	0	4	2	1	
PA ALLENTOWN	46	32	69	18	39	-1	0.74	-0.14	0.49	9.93	94	39.16	96	85	75	0	2	3	0	
PA ERIE	46	35	64	26	41	0	0.96	0.02	0.67	8.01	68	34.99	92	80	71	0	3	4	1	
PA MIDDLETOWN	48	33	70	22	40	-2	0.67	-0.18	0.37	9.86	108	37.02	102	92	65	0	3	4	0	
PA PHILADELPHIA	51	38	71	26	44	-1	0.32	-0.45	0.13	6.06	67	37.13	98	81	66	0	2	4	0	
PA PITTSBURGH	50	36	68	19	43	3	0.51	-0.23	0.32	6.36	82	34.88	102	88	65	0	3	6	0	
PA WILKES-BARRE	45	30	68	15	38	-2	0.56	-0.18	0.33	12.40	133	38.82	113	84	61	0	4	4	0	
PA WILLIAMSPORT	44	31	64	18	37	-2	1.21	0.36	0.93	7.43	74	30.92	82	87	74	0	4	3	1	
RI PROVIDENCE	47	30	67	21	39	-3	0.11	-0.92	0.09	6.58	60	37.52	91	75	56	0	5	2	0	
SC BEAUFORT	72	48	80	39	60	3	0.14	-0.43	0.00	11.36	110	33.39	72	86	42	0	0	1	0	
SC CHARLESTON	71	49	79	38	60	3	0.16	-0.47	0.00	13.11	118	37.79	79	83	43	0	0	1	0	
SC COLUMBIA	69	44	77	36	57	4	0.03	-0.62	0.03	2.72	30	25.66	58	73	42	0	0	1	0	
SC GREENVILLE	66	41	75	30	54	4	0.19	-0.68	0.19	3.32	31	25.47	56	78	41	0	1	1	0	
SD ABERDEEN	40	17	51	4	28	2	0.00	-0.11	0.00	3.13	77	27.47	139	80	59	0	7	0	0	
SD HURON	41	21	54	8	31	3	0.01	-0.14	0.01	4.14	101	30.18	148	83	50	0	7	1	0	
SD RAPID CITY	43	18	66	9	31	0	0.01	-0.08	0.01	1.47	49	12.77	79	81	39	0	7	1	0	
SD SIOUX FALLS	40	23	54	14	32	4	0.00	-0.27	0.00	8.26	146	30.26	126	76	63	0	6	0	0	
TN BRISTOL	59	33	72	19	46	2	0.08	-0.69	0.06	3.53	46	19.13	51	94	52	0	2	2	0	
TN CHATTANOOGA	65	41	76	28	53	4	2.03	0.82	1.44	9.58	84	32.59	67	87	52	0	1	3	2	
TN KNOXVILLE	62	39	74	24	51	4	0.20	-0.80	0.16	5.24	60	28.22	66	89	53	0	2	3	0	
TN MEMPHIS	61	45	77	31	53	3	1.79	0.33	1.78	7.74	70	28.96	61	84	63	0	2	2	1	
TN NASHVILLE	60	42	71	26	51	4	0.63	-0.49	0.61	12.09	122	30.80	72	89	59	0	2	3	1	
TX ABILENE	60	42	82	29	51	0	0.68	0.46	0.40	3.82	56	34.85	157	88	60	0	2	3	0	
TX AMARILLO	56	31	85	21	43	0	0.08	-0.02	0.08	4.58	117	21.30	112	72	35	0	4	1	0	
TX AUSTIN	67	48	86	38	58	0	0.78	0.23	0.72	3.45	38	45.11	147	79	61	0	0	4	1	
TX BEAUMONT	69	53	81	43	61	2	5.14	4.01	3.19	16.32	113	61.16	114	92	58	0	0	5	3	
TX BROWNSVILLE	73	61	86	46	67	1	0.72	0.37	0.44	7.09	67	30.93	118	91	70	0	0	4	0	
TX CORPUS CHRISTI	73	56	90	45	64	1	0.31	-0.02	0.26	4.78	46	41.41	137	88	67	1	0	4	0	
TX DEL RIO	67	50	86	40	59	1	0.91	0.72	0.91	5.16	107	30.26	175	83	66	0	0	1	1	
TX EL PASO	64	38	79	31	51	0	0.84	0.75	0.66	2.65	100	9.49	112	64	33	0	2	2	1	
TX FORT WORTH	66	49	84	37	57	4	0.35	-0.16	0.34	8.87	103	46.83	148	75	46	0	0	2	0	
TX GALVESTON	69	57	80	47	63	-1	1.93	1.05	0.85	13.33	110	50.02	127	91	70	0	0	3	2	
TX HOUSTON	67	53	84	42	60	1	4.48	3.55	2.83	14.74	121	62.54	144	87	71	0	0	5	2	
TX LUBBOCK	55	34	82	25	45	-1	0.07	-0.07	0.04	2.55	53	22.90	128	79	52	0	4	3	0	
TX MIDLAND	60	38	82	28	49	-1	0.47	0.36	0.29	2.00	44	20.68	148	77	54	0	3	2	0	
TX SAN ANGELO	63	42	85	33	53	1	0.76	0.57	0.76	4.14	65	31.77	161	80	55	0	0	1	1	
TX SAN ANTONIO	66	52	88	41	59	1	0.14	-0.38	0.14	2.01	22	46.64	153	88	61	0	0	1	0	
TX VICTORIA	69	53	86	44	61	0	1.18	0.62	0.89	9.43	83	69.24	187	89	70	0	0	5	1	
TX WACO	65	47	82	35	56	1	0.57	-0.01	0.50	5.12	60	46.05	153	85	60	0	0	2	1	
TX WICHITA FALLS	64	43	85	28	53	3	0.00	-0.33	0.00	4.87	64	32.71	122	72	47	0	1	0	0	
UT SALT LAKE CITY	50	29	71	19	39	2	0.00	-0.30	0.00	3.89	97	9.97	67	72	34	0	5	0	0	
VT BURLINGTON	35	24	40	19	30	-5	1.30	0.61	0.82	11.30	120	34.57	104	82	59	0	6	3	1	
VA LYNCHBURG	60	34	73	19	47	2	0.00	-0.74	0.00	6.41	66	33.90	86	87	51	0	3	0	0	
VA NORFOLK	62	44	78	37	53	2	0.00	-0.67	0.00	6.07	61	30.32	72	82	52	0	0	0	0	
VA RICHMOND	62	38	76	27	50	3	0.01	-0.68	0.01	5.37	54	34.43	86	80	50	0	2	1	0	
VA ROANOKE	62	37	74	21	49	3	0.00	-0.74	0.00	6.53	69	27.10	70	75	52	0	2	0	0	
VA WASH/DULLES	56	36	76	20	46	3	0.00	-0.76	0.00	6.23	63	23.89	63	82	57	0	2	0	0	
WA OLYMPIA	46	27	47	20	37	-4	0.04	-1.97	0.03	10.31	82	36.14	88	92	84	0	5	2	0	
WA QUILLAYUTE	48	30	52	26	39	-4	0.32	-3.26	0.25	22.95	89	96.74	115	94	86	0	6	2	0	
WA SEATTLE-TACOMA	45	35	47	29	40	-4	0.46	-0.99	0.35	9.75	103	29.47	98	88	75	0	2	2	0	
WA SPOKANE	33	24	46	17	29	-4	0.10	-0.46	0.06	2.91	83	10.12	73	89	75	0	6	2	0	
WA YAKIMA	39	25	48	18	32	-3	0.79	0.53	0.73	1.84	110	4.07	62	90	78	0	5	2	1	
WV BECKLEY	54	34	67	17	44	2	0.07	-0.62	0.07	6.94	86	34.94	92	79	61	0	3	1	0	
WV CHARLESTON	59	37	74	21	48	4	0.07	-0.82	0.04	7.19	80	31.04	78	85	48	0	2	2	0	
WV ELKINS	54	31	69	14	43	4	0.19	-0.64	0.12	10.97	118	43.47	104	96	52	0	5	3	0	
WV HUNTINGTON	58	39	73	19	48	4	0.06	-0.73	0.04	5.94	73	27.05	71	83	53	0	2	2	0	
WI EAU CLAIRE	37	25	44	12	31	2	0.03	-0.38	0.03	9.34	124	28.32	92	86	57	0	7	1	0	
WI GREEN BAY	40	26	46	16	33	2	0.09	-0.42	0.04	6.90	97	24.42	89	82	57	0	6	2	0	
WI LA CROSSE	41	28	47	15	35	2	0.04	-0.43	0.04	6.22	86	38.10	124	79	52	0	5	1	0	
WI MADISON	39	26	50	19	33	0	0.34	-0.18	0.16	6.18	87	40.78	132	84	72	0	6	3	0	
WI MILWAUKEE	41	30	54	21	36	0	0.24	-0.39	0.12	5.25	66	29.67	93	84	71	0	4	5	0	
WY CASPER	41	15	67	-1	28	-2	0.02	-0.15	0.01	1.84	67	14.20	116	66	50	0	6	2	0	
WY CHEYENNE	40	19	69	-1	30	-1	0.32	0.18	0.18	2.84	107	13.83	93	68	51	0	5	2	0	
WY LANDER	40	17	65	2	29	1	0.18	-0.02	0.14	1.78	54	8.63	68	77	38	0	5	3	0	
WY SHERIDAN	37	11	62	-2	24	-4	0.43	0.28	0.30	3.92	115	15.54	112	79	60	0	7	2	0	

Based on 1971-2000 normals

\*\*\* Not Available

## National Agricultural Summary

November 19 - 25, 2007

Weekly National Agricultural Summary provided by USDA/NASS

### HIGHLIGHTS

Precipitation in the West was limited to areas of the Pacific Northwest and northern Rockies. The Pacific coastal areas of Oregon received up to 4 inches of precipitation, while central Idaho and portions of Montana and Wyoming received 1 to 2 inches. The rest of the West received little to no precipitation. Temperatures from the Pacific Northwest stretching eastward into the northern Rocky Mountain region were below normal, with temperatures 6 to 9 degrees F cooler than average in portions of Montana, southeastern Wyoming, and northeastern Colorado. Meanwhile,

notable precipitation was observed in eastern Texas and parts of the Delta, with 2 inches or more falling in some areas. Elsewhere east of the Rocky Mountains, most areas received only light, scattered showers, except for bands of moderate to heavy rain across the central Corn Belt, Tennessee Valley, and northern portions of the Northeast. From the Great Plains eastward, temperatures mostly ranged from normal to 3 degrees F above normal. In the Northeast, however, temperatures averaged as much as 6 degrees F below normal.

**Winter Wheat:** Eighty-nine percent of winter wheat had emerged, 4 points behind last year and normal. All of the expected acreage was emerged or nearly emerged in most states, except in Arkansas, California, Missouri, North Carolina, and the southern Great Plains, where emergence was at or below 92 percent. Compared with last year's pace, development was well ahead in Michigan but was significantly behind in North Carolina and Texas. Progress was within 5 points of normal in all states, except Oregon, ahead by 10 points, and Oklahoma and Texas, where emergence lagged 12 and 15 points, respectively.

**Cotton:** Nationwide, cotton harvest was 86 percent complete, 3 and 6 points ahead of last year and normal, respectively. The harvest pace was near or ahead of normal in all states, with Kansas, the Carolinas, and Virginia at least 13 points ahead. Harvest was complete in the Delta, California, Missouri, and Virginia, and neared completion in Alabama, the Carolinas, and Tennessee. Producers in Arizona, Georgia, and the Great Plains still had significant acreage left to harvest.

**Peanuts:** Peanut harvest reached 96 percent, the same as last year but 1 point behind the 5-year average. Harvest was most active in Georgia, with 7 percent of the acreage reaped during the week. Producers in all states were harvesting within 4 points of last year's pace. However, harvest was behind normal by 7 points in Alabama but ahead by 10 points in Texas. Elsewhere, harvest was within 5 points of the normal pace. Harvest was complete in the Carolinas and Virginia.

## Crop Progress and Condition

### Week Ending November 25, 2007

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

Winter Wheat Percent Emerged				
	Nov 25	Prev	Prev	5-Yr
	2007	Week	Year	Avg
AR	81	65	85	80
CA	30	22	33	35
CO	100	100	100	100
ID	96	91	100	95
IL	99	98	97	98
IN	100	99	90	96
KS	96	91	99	97
MI	100	99	74	95
MO	92	82	84	88
MT	100	98	96	95
NE	100	100	100	100
NC	48	33	62	53
OH	100	100	88	97
OK	83	79	92	95
OR	94	80	88	84
SD	100	100	100	100
TX	70	65	88	85
WA	97	93	99	97
18 Sts	89	85	93	93
These 18 States planted 92% of last year's winter wheat acreage.				

Cotton Percent Harvested				
	Nov 25	Prev	Prev	5-Yr
	2007	Week	Year	Avg
AL	95	91	94	88
AZ	75	70	71	74
AR	100	100	96	96
CA	100	93	97	96
GA	79	68	87	82
KS	70	65	54	48
LA	100	100	100	98
MS	100	99	100	99
MO	100	100	87	93
NC	95	91	80	82
OK	69	63	83	71
SC	98	91	74	78
TN	99	99	92	92
TX	69	60	69	62
VA	100	95	89	84
15 Sts	86	80	83	80
These 15 States harvested 99% of last year's cotton acreage.				

Peanuts Percent Harvested				
	Nov 25	Prev	Prev	5-Yr
	2007	Week	Year	Avg
AL	90	84	86	97
FL	97	96	99	99
GA	96	89	97	99
NC	100	100	100	99
OK	95	95	96	90
SC	100	100	100	100
TX	98	95	97	88
VA	100	100	100	99
8 Sts	96	91	96	97
These 8 States harvested 98% of last year's peanut acreage.				

Winter Wheat Crop Condition by Percent					
	VP	P	F	G	EX
AR	0	1	37	49	13
CA	0	0	14	83	3
CO	5	10	24	48	13
ID	0	0	16	74	10
IL	0	1	37	50	12
IN	0	2	20	67	11
KS	2	13	42	40	3
MI	0	6	11	65	18
MO	0	3	33	59	5
MT	1	3	59	35	2
NE	1	6	38	50	5
NC	0	11	32	53	4
OH	0	1	12	62	25
OK	13	17	36	31	3
OR	0	8	44	47	1
SD	1	5	27	52	15
TX	22	31	36	11	0
WA	1	4	53	39	3
18 Sts	6	13	37	39	5
Prev Wk	6	13	36	40	5
Prev Yr	3	8	36	43	10

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

NA - Not Available  
\* Revised

National crop conditions for selected States are weighted based on the year 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 5.1. Topsoil moisture 42% very short, 34% short, 24% adequate, 0% surplus. Soybeans 96% harvested, 97% 2006, 83% avg. Pasture condition 45% very poor, 27% poor, 22% fair, 6% good, 0% excellent. Livestock condition 43% very poor, 18% poor, 23% fair, 16% good, and 0% excellent. Temperatures were mostly above normal during the past week. All weather stations reported receiving rainfall, with accumulations that ranged from 0.03 inches to 3.02 inches. Producers were busy sowing their remaining small grain crops, and wrapping up their harvest of cotton, peanuts, and soybeans.

**ALASKA: DATA NOT AVAILABLE**

**ARIZONA:** Temperatures were mostly above normal across the State for the week ending November 25, ranging from 2 degrees below normal to 7 degrees above normal. Precipitation was reported at 3 of the 22 reporting stations. There are two stations with above normal precipitation for the year to date. Alfalfa harvest continues in Arizona with just over half of the State's acreage active. The cotton harvest is 75 percent complete across the State.

**ARKANSAS:** Days suitable for field work 5.0. Topsoil moisture 2% very short, 19% short, 67% adequate, 12% surplus. Subsoil moisture 6% very short, 22% short, 64% adequate, 8% surplus. Soybeans 98% harvested, 97% 2006, 95% avg. Winter wheat 96% planted, 93% 2006, 90% avg. Rainfall over the past seven days slowed soybean harvest and winter wheat planting throughout the state. Farmers harvested only 2% more of the soybean crop and planted an additional 6% of the winter wheat crop. Despite the wet conditions, soybean harvest and winter wheat planting were 3 and 6 percentage points ahead of their respective 5-year averages. By the end of the week, the state's winter wheat crop was rated at 62% good to excellent. As weather conditions allowed, some winter wheat producers applied herbicides to their wheat fields. Livestock was rated in mostly good condition last week and some producers had begun feeding hay. Other Arkansas livestock producers planted and fertilized pastures throughout the week as weather permitted.

**CALIFORNIA: DATA NOT AVAILABLE**

**COLORADO:** Days suitable for fieldwork 5.7. Top soil moisture 23% very short, 41% short, 35% adequate, 1% surplus. Subsoil moisture 14% very short, 47% short, 38% adequate, 1% surplus. Colorado received minimal amounts of precipitation last week. Most areas reported some measurable snowfall, but were well-below average for this time of year. Overall, temperatures were typically what are expected across the state.

**DELAWARE:** Days suitable for fieldwork 4.3. Topsoil moisture 0% very short, 2% short, 92% adequate, 6% surplus. Subsoil moisture 11% very short, 14% short, 73% adequate, 2% surplus. Hay supplies 22% very short, 57% short, 18% adequate, 3% surplus. Pasture condition 10% very poor, 14% poor, 37% fair, 38% good, 1% excellent. Winter wheat condition 0% very poor, 1% poor, 13% fair, 82% good, 4% excellent; 94% planted, 91% 2006, 90% avg.; 75% emerged, 84% 2006, 79% avg. Soybeans 83% harvested, 78% 2006, 77% avg. Light rain and drizzle the week ending November 25 resulted in 4.3 days available for fieldwork in Delaware. Although the state received less than one-half inch of rain during this time, this improved winter wheat conditions. Hay supplies remain short to very short.

**FLORIDA:** Topsoil moisture 30% very short, 35% short, 35% adequate. Subsoil moisture 15% very short, 55% short, 30% adequate. Peanuts 97% harvested, 99% pr yr, 99% 5-yr avg. Some eastern, central Panhandle, Big Bend rain interrupted harvesting. Cotton picking nearing end. Most peanut digging finished. Soil moisture improved in

areas receiving rain; mostly adequate, central, eastern Panhandle; western Panhandle, very short; some Big Bend, northern Peninsula remained dry, short to adequate; central Peninsula, very short to short; southern Peninsula, short. Clear weather most of central, southern Peninsula vegetable areas allowed planting, harvesting to stay on schedule. Crops shipped snap beans, sweet corn, cucumbers, eggplant, escarole, endive, okra, peppers, radishes, squash, strawberries, tomatoes. All citrus areas in need of more rainfall during this dry time of the year. Almost all major packinghouses open, running fruit. Two thirds of processing plants running fruit, remaining plants to open this week. Of plants opened, two shut down only on Thanksgiving Day; the rest remained closed for the weekend. Fundraising programs in full swing beginning of next week, continue through mid December. Harvested varieties included Fallglo and Sunburst tangerines; early, Ambersweet, Navel oranges; grapefruit; a few tangelos. Limited grove activity included mowing, spraying, fertilizing, young tree care. Various methods used to control greening, deal with its effects. Pasture feed 5% very poor, 20% poor, 55% fair, 20% good. Cattle Condition 15% poor, 50% fair, 35% good. Panhandle, north pasture condition very poor to good, most in fair condition. Field preparation for planting winter forage continued. Planting of small grains for forage delayed, several locations because soil too dry for germination. Central, southwest pasture condition poor to good, most fair. Statewide cattle condition poor to good, most in good condition.

**GEORGIA:** Days suitable for fieldwork 5.8. Topsoil moisture 37% very short, 37% short, 26% adequate, 0% surplus. Winter wheat 6% very poor, 15% poor, 51% fair, 28% good, 0% excellent; 56% planted, 57% 2006, 51% avg.; 28% emerged, 35% 2006, 34% avg. Range and pasture 34% very poor, 37% poor, 23% fair, 5% good, 1% excellent. Onions 0% very poor, 0% poor, 58% fair, 42% good, 0% excellent; 12% transplanted, 38% 2006, 31% avg. Pecans 9% very poor, 8% poor, 26% fair, 30% good, 27% excellent; 60% harvested, 51% 2006, 53% avg. Soybeans 75% harvested, 75% 2006, 69% avg. Sorghum 78% harvested for grain, 82% 2006, 84% avg. Apples 92% harvested, 97% 2006, 99% avg. Rye 82% planted for all purposes, 87% 2006, 83% avg. Other small grains 78% planted, 81% 2006, 76% avg. Showers during the week improved soil moisture conditions. Farmers hope the rains will aid the emergence of small grains, but much more rain is needed for both small grains and winter grazing.

**HAWAII:** Days suitable for fieldwork 7. Soil moisture was at adequate levels in most areas. Banana orchards were in fair to good condition. Rains helped to maintain soil moisture. Cooler temperatures were slowing fruit development. Papaya orchards were in fair to good condition. Cooler temperatures and overcast skies in major production areas slowed fruit development. Cool-weather vegetables were in mostly good condition. The advent of cooler temperatures was beneficial for the crop. Insect infestation was generally light. Showers were a concern for dry onion growers. Variable weather conditions were generally beneficial for agriculture. The western end of the state received some light to moderate showers early in the week due to an upper level low. Fieldwork was hampered by the wet conditions. The rest of the week, however, was generally dry and this allowed farmers an opportunity to catch-up on farming activities. The stable weather conditions that followed the early rains allowed crops to make fair to good progress. The eastern end of the state received some late-in-the-week showers as the upper level low moved northward.

**IDAHO:** Days suitable for field work 5. Topsoil moisture 3% very short, 31% short, 65% adequate, 1% surplus. Field corn 91% harvested for grain, 98% 2006, 89% avg. The major agricultural activities this week included harvesting corn for grain, spreading manure, and tilling fields. No livestock problems reported this week.

**ILLINOIS: DATA NOT AVAILABLE**

**INDIANA:** Days suitable for fieldwork 4.1. Topsoil moisture 5% very short, 18% short, 64% adequate, 13% surplus. Subsoil moisture 17% very short, 26% short, 51% adequate, 6% surplus. Winter wheat 100% emerged, 90% 2006, 96% avg.; condition 2% poor, 20% fair, 67% good, 11% excellent. Average temperatures ranged from normal to 5 degrees above normal with a high of 71 degrees and a low of 18 degrees. Precipitation averaged from 0.05 to 2.70 inches. Rain halted field work across most of the state. The first snowfall came on Thanksgiving Day with up to 4 inches being reported in one of the northern most counties. Harvest of both corn and soybeans is virtually complete with only a few scattered fields still standing. A short supply of hay continues to be a concern as livestock operations head into winter. Other activities included applying anhydrous ammonia, spreading fertilizer and lime, moving grain to market, doing fall tillage, cleaning and storing equipment, stripping tobacco and taking care of livestock.

**IOWA:** Days suitable for fieldwork 5.5. Topsoil moisture 1% very short, 16% short, 79% adequate, 4% surplus. Subsoil moisture 1% very short, 7% short, 83% adequate, 9% surplus. Corn 99% harvested. Soybean harvest is virtually complete across northern two-thirds of State. A few scattered soybean fields remain unharvested in the southern third of the state. Livestock conditions remain good.

**KANSAS:** Days suitable for fieldwork 5.4. Topsoil moisture 9% very short, 44% short, 46% adequate, 1% surplus. Subsoil moisture 6% very short, 39% short, 55% adequate. Winter wheat 7% pastured. Feed grain supplies 3% short, 91% adequate, 6% surplus. Hay and forage supplies 1% very short, 7% short, 88% adequate, 4% surplus. Stock water supplies for Kansas 4% very short, 17% short, 79% adequate. Harvesting of cotton, sorghum, and sunflowers were the main field activities. Most of Kansas received light precipitation, but generally dry conditions persist.

**KENTUCKY:** Farmers were completing their field activities with generally drier weather. Soybeans harvest was winding down as corn harvest was already finished. Seeded winter wheat was germinating and showing good growth. Humidity was favorable for tobacco stripping and farmers were taking their stripped tobacco to the company receiving stations. Cattle were being pastured where possible as many farmers are purchasing hay to overwinter their cattle. During the past week, Kentucky farmers experienced above normal temperatures and below normal rainfall. Temperatures for the 7 day period averaged 47 degrees, 3 degrees above normal and 3 degrees cooler than the previous week. Rainfall for the week totaled 0.73 in, 0.19 in below normal. By station, precipitation totals ranged from a low of .06 in the east to a high of 1.49 in the west.

**LOUISIANA:** Days suitable for fieldwork 4.3. Soil moisture 9% very short, 17% short, 57% adequate, 17% surplus. Pecans 80% harvested, 67% 2006, 70% avg. Sugarcane 60% harvested, 46% 2006, 57% avg.; 13% fair, 52% good, 35% excellent. Sweet potatoes 100% harvested, 94% 2006, 95% avg. Winter wheat 70% planted, 54% 2006, 66% avg. Livestock 6% poor, 36% fair, 53% good, 5% excellent. Vegetables 13% very poor, 7% poor, 30% fair, 48% good, 2% excellent. Range and pasture 15% very poor, 14% poor, 29% fair, 41% good, 1% excellent.

**MARYLAND:** Days suitable for fieldwork 4.7. Topsoil moisture 0% very short, 30% short, 65% adequate, 5% surplus. Subsoil moisture 9% very short, 35% short, 53% adequate, 3% surplus. Hay supplies 36% very short, 43% short, 18% adequate, 3% surplus. Pasture condition 9% very poor, 32% poor, 39% fair, 18% good, 2% excellent. Winter wheat 0% very poor, 2% poor, 37% fair, 56% good, 5% excellent. Soybeans 89% harvested, 82% 2006, 77% avg. Winter wheat 96% planted, 90% 2006, 89% avg.; 86% emerged, 70% 2006, 69% avg. Light rain and drizzle the week ending November 25 resulted in 4.7 days available for fieldwork in Maryland. Although the state received less than one-quarter inch of rain during this time, this was enough to improve winter wheat conditions. Hay supplies remain short to very short.

**MICHIGAN:** Days suitable for fieldwork 4. Topsoil 2% very short, 9% short, 84% adequate, 5% surplus. Subsoil 3% very short, 20% short, 77% adequate, 0% surplus. Corn 97% harvested, 77% 2006, 89% avg. Sugarbeets 100% harvested, 98% 2006, 100% avg. Hay 4th cutting 98%, 98% 2006, 100% avg. Precipitation varied from 0.13 inches western Upper Peninsula to 1.46 inches southeastern Lower Peninsula. Average temperatures ranged from 3 degrees below normal northeast and east central Lower Peninsula to 1 degree above normal southwest Lower Peninsula. Most farmers have completed harvest of their remaining crops and preparing for winter months. Snow and rain during week slowed fieldwork as harvest of field crops completed across State. Corn harvest continued in few fields, as most growers finished up during week.

**MINNESOTA: DATA NOT AVAILABLE**

**MISSISSIPPI:** Days suitable for fieldwork 4. Soil moisture 9% very short, 30% short, 57% adequate, 4% surplus. Cotton 100% harvested, 100% 2006, 99% avg. Peanuts 100% harvested, 98% 2006, NA avg. Wheat 98% planted, 89% 2006, 93% avg.; 76% emerged, 73% 2006, 76% avg.; 0% very poor, 0% poor, 36% fair, 63% good, 1% excellent. Winter wheat planting and crop harvest activities are virtually complete. Rainfall across the state was beneficial for wheat emergence and fall grazing crops.

**MISSOURI: DATA NOT AVAILABLE**

**MONTANA:** Topsoil moisture 24% very short, 2% last year, 39% short, 23% last year, 36% adequate, 71% last year, 1% surplus, 4% last year. Subsoil moisture 36% very short, 13% last year, 41% short, 40% last year, 22% adequate, 46% last year, 1% surplus, 1% last year. Winter wheat condition 1% very poor, 0% last year, 3% poor, 5% last year, 59% fair, 45% last year, 35% good, 37% last year, 2% excellent, 13% last year. Corn 86% harvested for grain, 69% last year. The state received above normal precipitation for the week ending November 25th. Billings received a record snowfall of 2.5 inches on November 20th, breaking the old record of 2.4 inches set in 1996. Albion received the most moisture for the second week in a row at 1.16 inches. Albion had the high temperature of 61 degrees, and Sula had the low temperature of minus 12 degrees. Range and pasture feed condition 19% very poor, 20% last year, 18% poor, 20% last year, 42% fair, 40% last year, 19% good, 16% last year, 2% excellent, 4% last year. Cattle and calves moved from summer ranges 94% complete, 96% last year, sheep and lambs from summer ranges 96% complete, 96% last year. Cattle and calves receiving supplemental feed 40%, 42% last year. Sheep and lambs receiving supplemental feed 34%, 41% last year.

**NEBRASKA:** Days suitable for fieldwork 6.2. Topsoil moisture 9% very short, 35% short, 55% adequate, 1% surplus. Subsoil moisture 11% very short, 26% short, 62% adequate, 1% surplus. Winter wheat conditions 1% very poor, 6% poor, 34% fair, 54% good, and 5% excellent. Temperatures averaged two degrees below normal. Several districts reported only traces of precipitation.

**NEVADA:** Days suitable for fieldwork 7.0. A broad ridge of high pressure brought cool, dry conditions to the state last week. High temperatures occurred early in the week as most northern and central locations recorded highs in the low to mid 60s on Monday compared to highs in the low 40s the remainder of the week. Las Vegas reported the week's high of 77 degrees while Ely, Eureka and Winnemucca reported the week's low of two degrees. No precipitation was recorded at the major reporting stations. Livestock maintenance is the chief agricultural activity along with general repairs and maintenance to facilities and equipment. Producer concerns are primarily focused on available water as the state's drought picture has not changed. Snowpack during the approaching winter snow season will be crucial to meet livestock and irrigation needs next spring.

**NEW ENGLAND:** Days suitable for field work 6. Topsoil moisture 0% very short, 1% short, 99% adequate, 0% surplus. Subsoil moisture 0% very short, 2% short, 98% adequate, 0% surplus. Pasture condition 1% very poor, 20% poor, 55% fair, 24% good, 0% excellent. Massachusetts Cranberries 100% harvested, 100% 2006, 100% average; Fruit Size average/below average; condition good/excellent. Last week began cloudy with below average high and low temperatures, varying between 6 degrees and the mid 40s. Light rain, snow and sleet moved into New England on Tuesday where areas picked up anywhere from 0.01 to 0.6 inches of precipitation. Precipitation continued in the north on Wednesday in the form of rain and a wintry mix. These areas picked up between 0.2 and 1.5 inches of precipitation. The southern states experienced cloudy and foggy conditions on Wednesday with average temperatures. The dry conditions continued through Thursday in the south where areas experienced cloudy skies and above average temperatures ranging from the mid 30s to mid 60s. The high temperatures in Connecticut and Rhode Island nearly set new records. The north continued receiving light rain and freezing rain on Thursday where areas picked up an additional 0.5 to 1.5 inches. Wet conditions moved out of the entire area on Friday where it remained partly cloudy through the weekend with average to below average temperatures ranging from 5 to the low 50s. Farm activities included finishing up the cranberry harvest in Massachusetts, harvesting the last of the fall season vegetables, combining grain corn, cutting and tagging Christmas trees and wreaths for sale, brining young dairy stock off pastures, soil testing, cleaning and putting away equipment, liming and spreading manure.

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**NEW JERSEY: DATA NOT AVAILABLE**

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**NEW MEXICO:** Days suitable for fieldwork 5.5. Topsoil moisture 24% very short, 32% short, 44% adequate. Wind damage 10% light. Freeze damage 15% light, 13% moderate. Alfalfa condition 1% poor, 4% fair, 70% good, 25% excellent, with 7th cutting 100% complete. Cotton 78% harvested. Irrigated winter wheat condition 20% fair, 60% good, 20% excellent. Dry winter wheat condition 69% poor, 31% fair. Total winter wheat condition 41% poor, 27% fair, 24% good, 8% excellent. Red Chile 92% harvested. Onions condition 100% excellent. Pecan condition 7% very poor, 36% fair, 39% good, 18% excellent. Cattle condition 1% very poor, 10% poor, 20% fair, 35% good, 34% excellent. Sheep condition 7% very poor, 12% poor, 15% fair, 40% good, 26% excellent. Range and pasture condition 6% very poor, 25% poor, 35% fair, 29% good, 5% excellent. Farmers continued the winter harvest. Ranchers spent the week culling and marketing cattle. Most of New Mexico received the first snowfall for the year around the 22nd of the month. This precipitation occurred as a low moved south across Arizona and into Mexico. The most snowfall was recorded in Chama at just over a foot deep. Along with the snow, temperatures dipped significantly because of the low pressure system. This decrease in temperatures finally gave Albuquerque its first freeze of the year, setting a new record for the latest first freeze date in the year.

**NEW YORK:** Days suitable for fieldwork 3.5. Soil moisture 7% short, 67% adequate, 26% surplus. Pasture condition 2% very poor, 26% poor, 41% fair, 28% good, 3% excellent. Rain, sleet, and snow hit St. Lawrence County this week. Ontario County still has some grain corn to harvest. Apple, potato, and onion producers were grading and packing crops. Wild temperature swings have been reported throughout the week. Temperatures were near normal and getting colder towards the end of the week. Precipitation was near normal with occasional rain and sleet in some areas.

**NORTH CAROLINA:** Days suitable for field work 6.1. Soil moisture 27% very short, 42% short, 31% adequate, 0% surplus. Activities during the week included the harvesting of cotton and soybeans. Other activities included the planting of small grains, preparing for Christmas tree harvest and tending to livestock.

North Carolina received little rain throughout the state with average temperatures slightly above normal. Reported rainfall averaged from .01 inch to 1.28 inches. Average temperatures ranged from 39 to 59 degrees.

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**NORTH DAKOTA: DATA NOT AVAILABLE**

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**OHIO: DATA NOT AVAILABLE**

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**OKLAHOMA:** Days suitable for fieldwork 6.0. Topsoil moisture 37% very short, 39% short, 23% adequate, 1% surplus. Subsoil moisture 21% very short, 31% short, 48% adequate. Rye condition 12% very poor, 14% poor, 41% fair, 30% good, 3% excellent; 96% emerged this week, 94% last week, 100% last year, 100% average. Oats condition 19% very poor, 17% poor, 42% fair, 14% good, 8% excellent; 94% seedbed prepared this week, 92% last week, 100% last year, 96% average; 80% planted this week, 78% last week, 80% last year, 70% average; 62% emerged this week, 60% last week, 75% last year, 66% average. Soybeans mature 100% this week, 90% last week, 100% last year, 100% average; 93% harvested this week, 76% last week, 97% last year, 91% average. Alfalfa condition 8% very poor, 19% poor, 35% fair, 30% good, 8% excellent; 5th cutting 89% this week, 87% last week, 83% last year, 88% average; 6th cutting 51% this week, 49% last week, 22% last year, 27% average. Other hay condition 10% very poor, 10% poor, 30% fair, 39% good, 11% excellent; 2nd cutting 95% this week, 93% last week, 86% last year, 97% average. Livestock condition 4% poor, 31% fair, 54% good, 11% excellent. Pasture and range condition 3% very poor, 13% poor, 31% fair, 44% good, 9% excellent. Livestock; Prices for feeder steers less than 800 pounds averaged \$113 per cwt. Prices for heifers less than 800 pounds averaged \$102 per cwt. Livestock conditions were rated mostly in the good to fair range. Pasture and range conditions also remained mostly in the good to fair range.

**OREGON:** Days suitable for field work 5.7. Top soil moisture 3% very short, 11% short, 75% adequate, 11% surplus. Sub soil moisture 6% very short, 18% short, 65% adequate, 11% surplus. Winter wheat condition 8% poor, 44% fair, 47% good, 1% excellent; 94% emerged, 88% previous year, 84% 5 year average. Weather night time and morning conditions were cold and foggy last week with temperatures dropping to below freezing; however, day time conditions were generally sunny and dry. High temperatures ranged from 68 degrees in Grants Pass to 37 degrees in Joseph. Low temperatures ranged from 35 degrees in Crescent City and Bandon to 5 degrees in Joseph. The North Bend station received the most precipitation with 1.86 inches, followed by 1.36 inches received at Detroit Lake. All forty-three stations received precipitation with only six receiving more than one inch. Most all stations reported cooler than normal temperatures and drier than average precipitation levels last week. Field Crops; Weather conditions were clear and cool this past week. Fall field work throughout the State was mostly done for the year. Colder weather slowed wheat growth. No freeze damage was reported through. Some spring planting preparations were made in Washington County when weather was favorable. Vegetables; Fall vegetable harvest was completed just in time as freezing temperatures, including some morning frosts, were reported throughout the Willamette Valley this past week. There were a few very late squash as well as some broccoli and brussel sprouts that were reported as still being harvested. Fruits and Nuts; Tree fruit and nut harvest was complete; late grape harvest for ice wine was near. Growers applied some remaining fall sprays and pruned trees in preparation for next year. Nurseries and Greenhouses; Greenhouses were busy cutting, packing, and shipping seasonal greens, holly, and Christmas trees. Nurseries continued digging, balling, and burlapping ornamental stock. The Christmas tree harvest was going strong and there were plenty of u-cut signs around the Willamette Valley. Livestock, Range and Pasture; Pastures in western Oregon were growing slowly and very wet in some areas. Some low-land pastures were flooded from recent heavy rainfall. Most livestock were in winter pastures

with many getting at least some supplemental feed. Livestock were in good condition throughout the State.

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**PENNSYLVANIA: DATA NOT AVAILABLE**

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**SOUTH CAROLINA:** Days suitable for fieldwork 6.4. Soil moisture 59% very short, 40% short, 1% adequate, 0% surplus. Soybeans 32% very poor, 24% poor, 42% fair, 2% good, 0% excellent; 100% leaves dropped, 100% 2006, 99% avg.; 97% mature, 99% 2006, 96% avg.; 61% harvested, 55% 2006, 59% avg. Winter wheat 15% very poor, 6% poor, 71% fair, 8% good, 0% excellent; 50% planted, 50% 2006, 58% avg.; 19% emerged, 30% 2006, 43% avg. Pasture condition 33% very poor, 41% poor, 22% fair, 4% good, 0% excellent. Oats 13% very poor, 6% poor, 74% fair, 7% good, 0% excellent; 74% planted, 83% 2006, 85% avg.; 49% emerged, 67% 2006, 70% avg. Livestock condition 8% very poor, 18% poor, 48% fair, 26% good, 0% excellent. Winter grazings 17% very poor, 13% poor, 61% fair, 9% good, 0% excellent. Sorghum 100% harvested, 100% 2006, 99% avg. Sweet potatoes harvested 100%, 100% 2006, 100% avg. Winter grazings 76% planted, 94% 2006, 93% avg.; 57% grazings emerged, 89% 2006, 83% avg. Winter rains are desperately needed to recharge critically low irrigation and livestock ponds before next spring. Showers that were expected for late last week did not materialize to any considerable extent for a large share of the State, causing average moisture ratings to decline yet again. A very early and very poor cotton crop has just about all been harvested. Oat planting is ongoing, but continues to be behind because of dry soils. The relative lack of moisture across the State allowed for another busy week harvesting soybeans. The sweet potato crop has been dug for this year. Farmers are still seeding winter wheat in dry soils in anticipation of forecasted rains that have yet to fall on many fields. Many livestock producers are facing the winter with little or no hay stocks. Pasture conditions continue to deteriorate. Winter grazings are struggling in many areas at best. The state average temperature for the period was three degrees above normal. The state average rainfall for the period was 0.1 inches.

**SOUTH DAKOTA:** Days suitable for fieldwork 6.6. Topsoil moisture 7% very short, 17% short, 70% adequate, 6% surplus. Subsoil moisture 10% very short, 17% short, 67% adequate, 6% surplus. Corn 99% harvested, 100% 2006, 97% avg. Feed supplies 1% very short, 7% short, 84% adequate, 8% surplus. Stock water supplies 11% very short, 14% short, 69% adequate, 6% surplus. Cattle condition 1% poor, 12% fair, 70% good, 17% excellent. Sheep condition 11% fair, 69% good, 20% excellent. Row crop harvest is nearly complete. The eastern two-thirds of the state is in excellent condition headed into winter. The western third continues to experience a moderate drought.

**TENNESSEE:** Days suitable for fieldwork 5. Topsoil moisture 5% very short, 20% short, 67% adequate, 8% surplus. Subsoil moisture 27% very short, 36% short, 35% adequate, 2% surplus. Other farm activities last week included sowing winter wheat, stripping burley tobacco, winterizing machinery, and tending livestock. Temperatures averaged near to above normal, while rainfall ranged from above normal in middle and western parts of the state to below normal across the eastern and plateau portions of the state.

**TEXAS:** Soil moisture was short to adequate across the state. Statewide, cotton condition was mostly good to excellent statewide. Wheat condition was mostly poor to fair statewide. Oat condition was mostly poor to fair statewide. Range and pasture condition was mostly fair to good statewide. Scattered showers and near freezing temperatures were prevalent across most of Texas. Cotton harvest was virtually completed in South Central Texas and the Blacklands as the Panhandle and Edwards Plateau continued to harvest. Corn harvest neared completion in the

Northern High Plains. Grain sorghum harvest neared completion in South Central Texas. Pecan harvest continued in the Cross Timbers, Blacklands, and North East Texas. Colder temperatures provided better growing conditions for spinach, green beans, and cabbage in South Texas. Supplemental feeding was ongoing across most areas of the state as pasture conditions continued to decline due to lack of rainfall.

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**UTAH: DATA NOT AVAILABLE**

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**VIRGINIA:** Days suitable for fieldwork 6.1. Topsoil moisture was generally short this week. The Commonwealth experienced typical autumn weather this with week. Pastures and hayfields have shown some regrowth in some areas, allowing many producers to feed less hay to their livestock. Livestock are still being culled in case of a harsh winter. The soybean harvest is very close to completion with yields being reported as average, although better than expected. Small grain plantings continue as the weather allows. Other activities this week include drying grain, cleaning up harvesting and planting equipment, and beginning to attend pesticide re-certification classes.

**WASHINGTON:** Days suitable for fieldwork 5.2. Soil moisture 8% very short, 20% short, 64% adequate, 8% surplus. Cold temperatures have stopped most field work. A good rain was received just before a cold period set into place. This was excellent for germination and emergence. Snow has now blanketed much of the Palouse, and below freezing temperatures have thus far kept it in place. Franklin County reported dryland CRP seeding conditions greatly improved with the rain, and their corn harvest continued. Christmas tree growers were busy marketing and harvesting trees. In the Yakima valley, evening lows reached lower 20s. Fruit trees were dormant. Some growers were pruning. Range and pasture conditions 2% very poor, 32% poor, 21% fair, 41% good, 4% excellent. Lincoln County reported some livestock were still grazing pasture and range. Other counties reported stock were off range and winter feeding had begun. Expect hay supplies to be tight and prices high. Oyster harvest and processing activities continued with good prices and strong holiday demand. Oysters were being shipped to all parts of the country.

**WEST VIRGINIA:** Days suitable for field work 5. Topsoil moisture 11% very short, 36% short, 52% adequate, 1% surplus compared with 2% short, 83% adequate, 15% surplus last year. Corn 87% harvested, 82% 2006, 5-yr avg not available. Soybeans 85% harvested, 82% 2006, 5-yr avg not available. Winter wheat conditions 1% very poor, 2% poor, 30% fair, 66% good, 1% excellent; 81% emerged, 87% 2006, 5-yr avg not available. Cattle and calves 2% very poor, 8% poor, 31% fair, 55% good, 4% excellent. Sheep and lambs 5% poor, 29% fair, 62% good, 4% excellent. Farming activities included harvesting soybeans and corn, plowing fields, planting wheat and feeding livestock.

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**WISCONSIN: DATA NOT AVAILABLE**

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**WYOMING:** Days suitable for fieldwork 6.0. Topsoil moisture 23% very short, 39% short, 38% adequate. Sub soil moisture 42% very short, 37% short, 21% adequate. Stock water supplies 12% very short, 32% short, 55% adequate, 1% surplus. 2008 Winter wheat condition 9% fair, 67% good, 24% excellent. Corn 98% harvested, 89% 2006, 84% avg.

## International Weather and Crop Summary

November 18 - 24, 2007

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

### HIGHLIGHTS

**FSU-WESTERN:** Unseasonably cold weather kept winter grains dormant in Ukraine, Belarus, and Russia.

**EUROPE:** Wet weather overspread western growing areas, improving soil moisture for emerging winter crops.

**AUSTRALIA:** Widespread showers in southern and eastern Australia disrupted winter grain harvesting, but benefited vegetative cotton and sorghum.

**SOUTHEAST ASIA:** Two typhoons brought heavy showers to Vietnam and the Philippines, slowing fieldwork.

**ARGENTINA:** Warm, showery weather overspread the southern wheat belt, spurring crop growth and helping farmers assess damage from last week's freeze.

**BRAZIL:** Conditions remained generally favorable for soybeans and other summer row crops in Mato Grosso, although dry pockets have developed in other Center-West growing areas.

**MIDDLE EAST:** Rain provided additional moisture for winter crop establishment in Turkey, while showers in Syria and Iran eased concern over short-term drought.

**NORTHWEST AFRICA:** Much-needed rain in Morocco improved soil moisture for winter grain planting and emergence.

**SOUTH AFRICA:** Rain helped to condition fields for planting in the western and central corn belt.

### EUROPE

A dramatic shift in the weather pattern brought widespread rain to western Europe and drier conditions to eastern growing areas. A sharp trough (southward dip in the jet stream) replaced the persistent ridge of high pressure over the northeastern Atlantic. Consequently, widespread rain (25-100 mm) fell from England southward into France and the Iberian Peninsula, with locally more than 100 mm reported in south-central Spain and southeastern France. The precipitation slowed fieldwork but provided much-needed topsoil moisture for emerging winter crops and eased short-term drought. In addition, heavy rain (50-170 mm) spread into northern Italy, boosting irrigation reserves for winter wheat. Meanwhile, a departing Mediterranean storm system generated rain and snow (15-100 mm) in southern portions of the Balkans early in the week, providing additional moisture for winter crops but causing local flooding in Greece. In contrast, high pressure brought mostly dry, seasonably cool weather from Germany into Poland and northern Romania, easing winter grains and oilseeds further into dormancy.



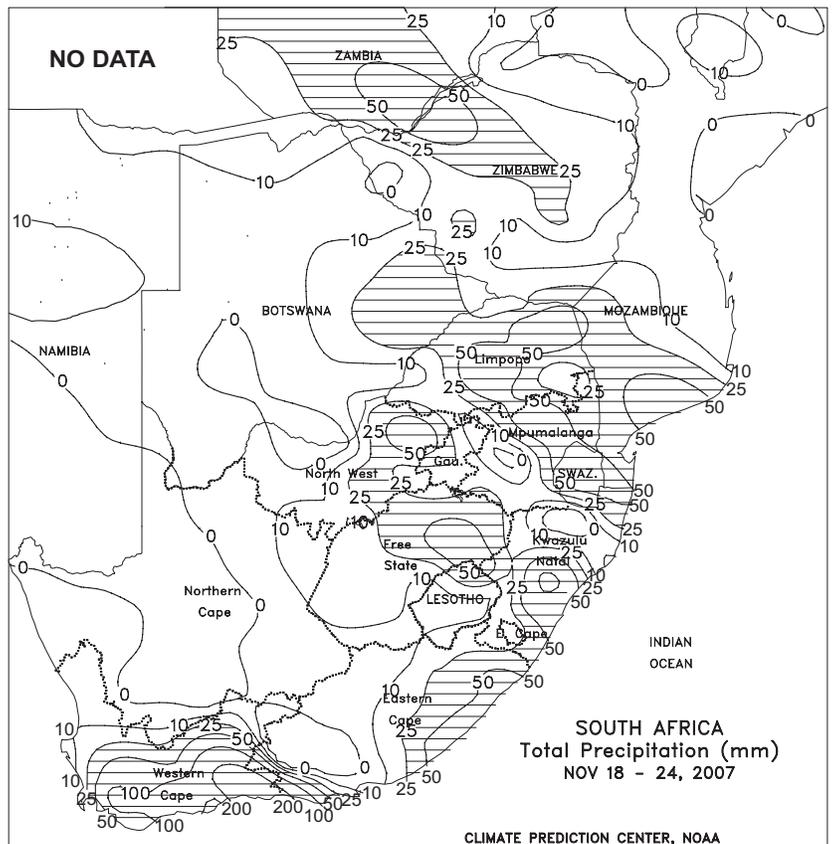
**FSU-WESTERN**

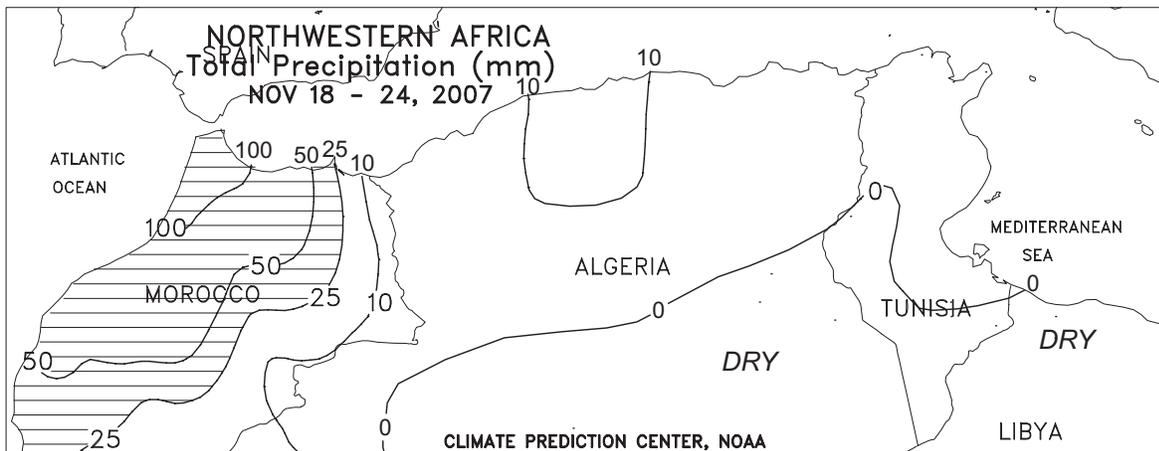
Unseasonably cold weather prevailed across most of Ukraine, Belarus, and Russia, keeping winter grains dormant. Weekly temperatures in these areas averaged 1 to 4 degrees C below normal. High pressure dominated the region during the week, keeping most areas generally dry (precipitation amounts less than 5 mm). The exception was in the northeastern portion of the Volga District, where moderate to locally heavy snow (10 mm or more of liquid equivalent) boosted protective snow cover. During the week, snow cover persisted as far south as northwestern Ukraine and the northern tip of the Southern District in Russia, providing protection from cold weather (extreme minimum temperatures ranging from -18 to -10 degrees C). Although winter wheat areas in southern and eastern Ukraine and most of the Southern District in Russia lacked a protective snow cover during the week, temperatures did not fall low enough to threaten dormant crops.



**SOUTH AFRICA**

Moderate to heavy rain (10-25 mm, locally exceeding 50 mm) covered previously dry farming areas of Free State and North West, boosting topsoil moisture levels for germination and establishment of corn and other summer crops. In addition, near-normal temperatures (highs in the lower 30s degrees C) maintained favorable temperatures for early summer crop development. Scattered showers (10-50 mm or more) maintained generally favorable conditions for vegetative summer crops in the eastern corn belt, although mostly dry weather prevailed in and around southern Mpumalanga. Temperatures averaged about 1 degree above normal in these eastern growing areas, with highs approaching 30 degrees C in the driest locations. Elsewhere, locally heavy showers (25-50 mm, locally exceeding 100 mm) extended from southern KwaZulu-Natal south and westward through Eastern and Western Cape Provinces. In Western Cape, the unseasonable rainfall provided abundant to locally excessive moisture for much of the state's agriculture, with rainfall in excess of 200 mm causing flooding along the southern coast.

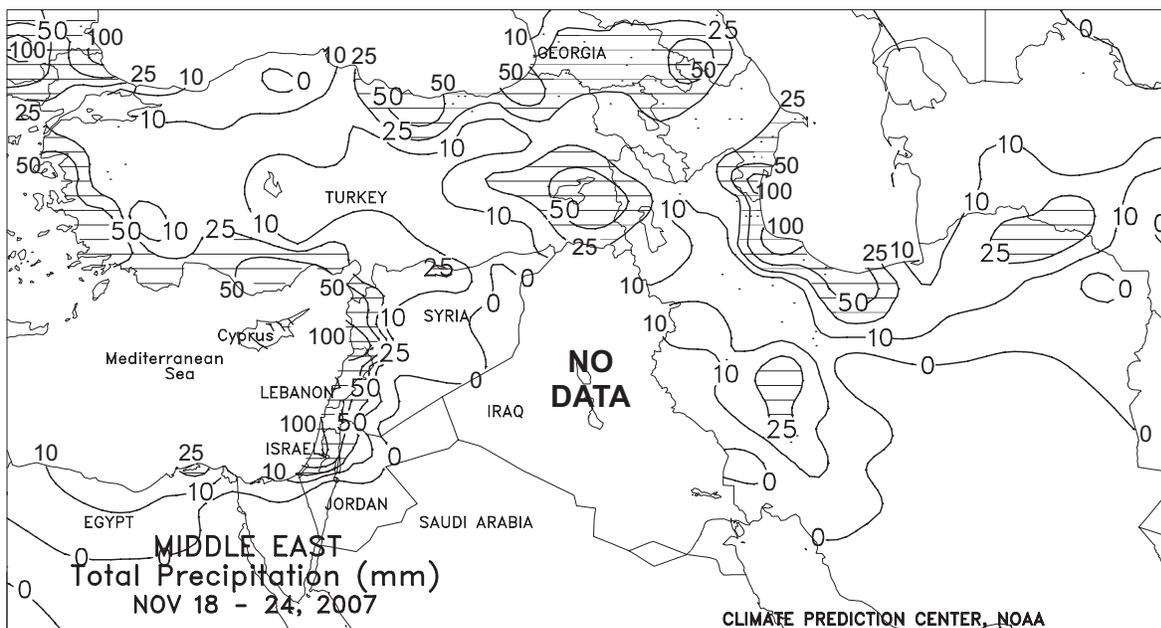




**NORTHWEST AFRICA**

Wet weather returned to western growing areas, while drier conditions overspread the eastern half of the region. A strong Atlantic storm generated widespread, locally heavy rain (25-100 mm) in Morocco, boosting topsoil moisture for winter crop planting and emergence, while also easing concern over

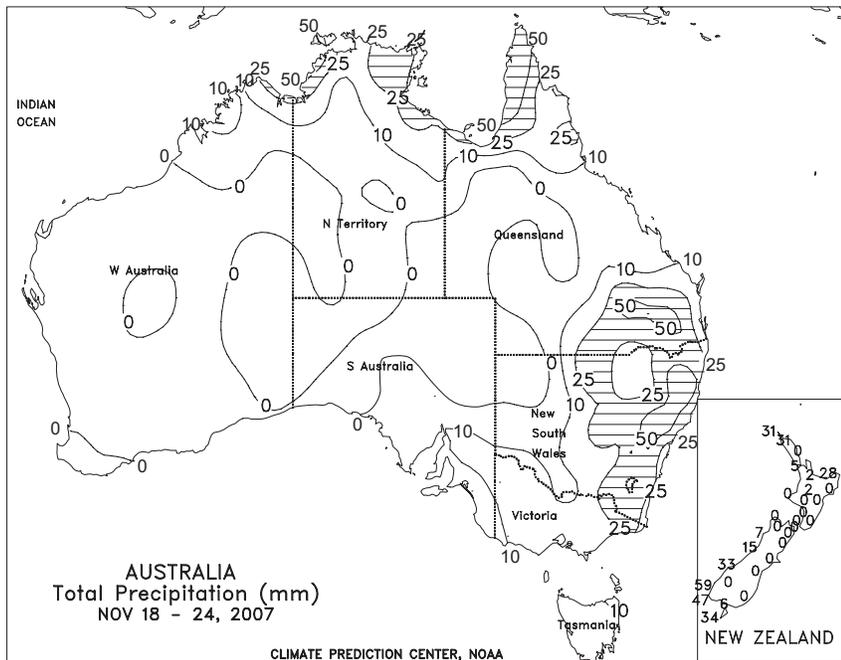
developing drought. Lighter showers (2-20 mm) in central Algeria provided additional moisture for winter wheat and barley. In contrast, dry weather returned to northeastern Algeria and northern Tunisia, facilitating fieldwork in the wake of last week's heavy rain.



**MIDDLE EAST**

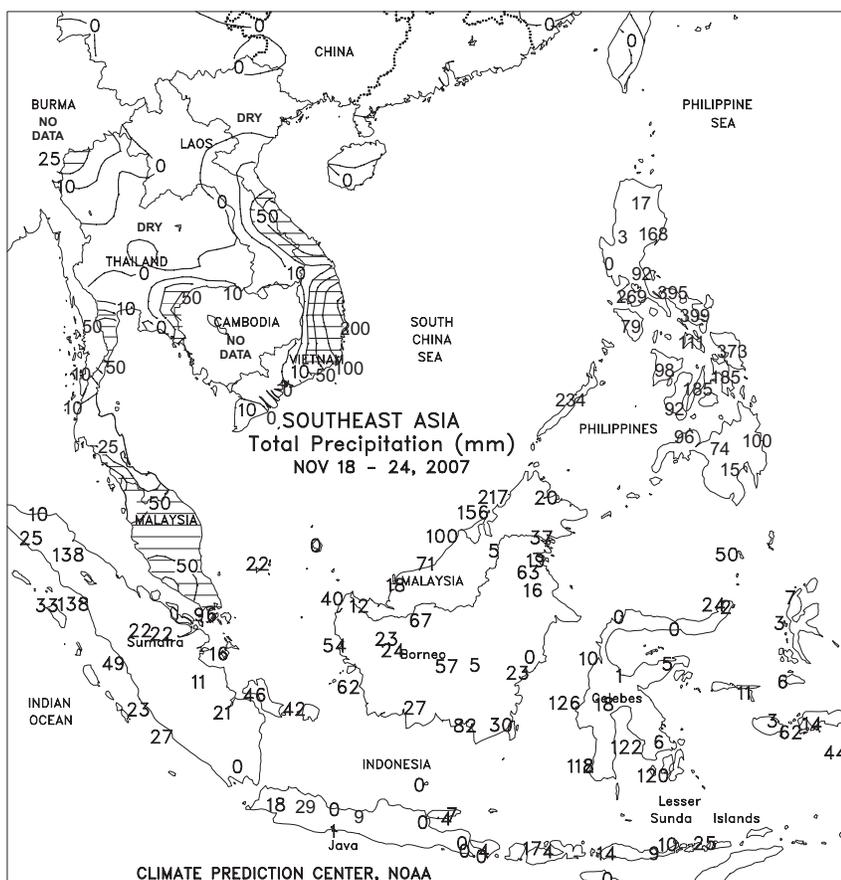
Wet weather further improved winter grain prospects in Turkey, while showers in eastern growing areas provided relief from short-term drought. A slow-moving Mediterranean storm generated light to moderate rain and mountain snow (15-60 mm liquid equivalent) across much of Turkey, boosting moisture

reserves for winter crop establishment. Unlike previous weeks, precipitation (5-40 mm) from this system spread across the eastern half of the region, providing much-needed topsoil moisture for winter crop establishment in Syria, northern Iraq, and northern Iran. However, heavy rain (over 140 mm) along the Mediterranean coast likely caused local flooding.



**AUSTRALIA**

Widespread showers (10-45 mm) returned to southern Queensland and northern New South Wales, bringing more relief to drought-plagued farms and pastures. The additional rain benefited vegetative cotton and sorghum, boosting soil moisture and reservoir levels for dryland and irrigated summer crops. Despite these benefits, the rain was unfavorable for winter wheat, hampering harvesting and likely increasing concerns about grain quality. Farther south, showers (7-25 mm) during the latter half of the week disrupted winter wheat and barley harvesting across southern New South Wales, northern Victoria, and South Australia. In contrast, dry weather in the Western Australia wheat belt allowed winter grain harvesting to progress uninterrupted. Temperatures in Western Australia, southern Queensland, and northern New South Wales averaged near normal. In southeastern Australia, temperatures averaged about 2 to 3 degrees C above normal.



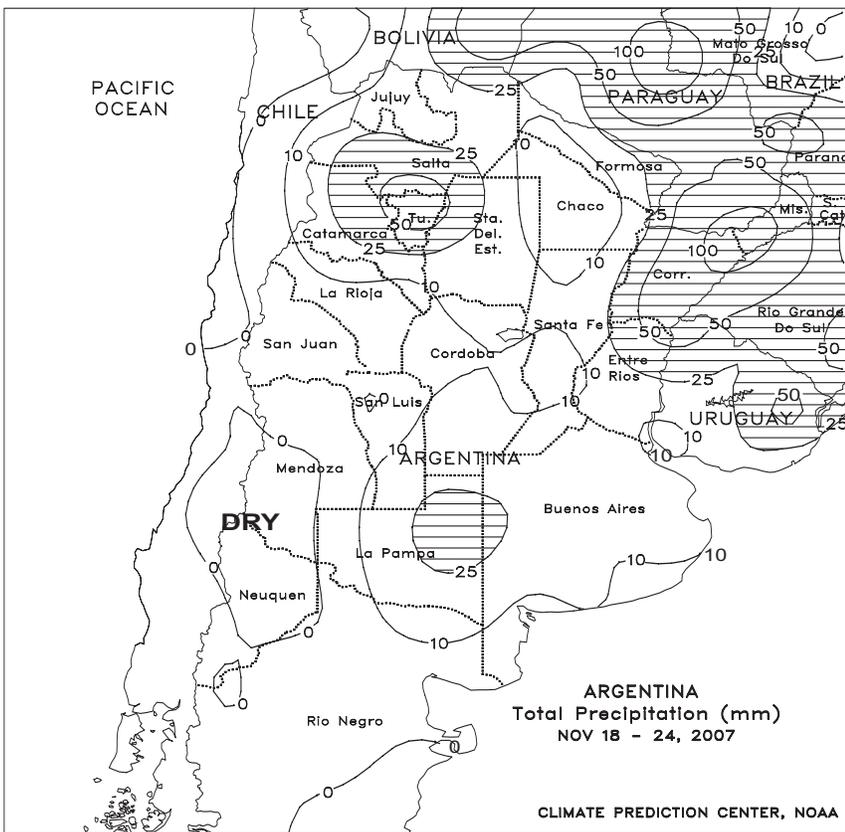
**SOUTHEAST ASIA**

Two typhoons brought heavy showers to the region, slowing fieldwork. In Vietnam, Typhoon Hagibis approached the central coast late in the week, causing further delays in the coffee harvest with rainfall totals of 25 to 200 mm. By the end of the week the storm had weakened and turned, heading back towards the Philippines. In contrast, mostly dry weather aided rice fieldwork in key growing areas in the Mekong and Red River Deltas. Meanwhile, Typhoon Mitag neared the northern Philippines, bringing heavy showers (50-400 mm, locally over 400 mm) to the far eastern Visayan islands and the eastern coast of Luzon. In the southern Philippines, seasonal rainfall (25-100 mm) benefited vegetative corn and soybeans. Monsoon showers abated throughout much of Indonesia, providing beneficially drier weather for vegetative rice in Java and oil palm harvesting in Sumatra. In Malaysia, however, monsoon rains (25-100 mm) continued, slowing oil palm harvesting but maintaining favorable moisture supplies.



**BRAZIL**

Daily showers (25-50 mm or more, total accumulation) maintained generally favorable moisture levels for emerging to vegetative summer row crops in Mato Grosso, a leading producer of soybeans, corn, and cotton. Beneficial rain also provided timely moisture for soybean planting in Tocantins and western Bahia, but pockets of dryness (weekly rainfall totaling 10 mm or less) returned to key farming areas of Goias, Mato Grosso do Sul, and Sao Paulo. Temperatures averaged 3 to 5 degrees C above normal throughout the Center-West and northeastern interior, promoting rapid soybean germination but drying topsoils in those areas receiving little rainfall. Elsewhere, light to moderate rain (10-50 mm) benefited coffee in Espirito Santo and most growing areas of Minas Gerais and northeastern Sao Paulo, although dry weather dominated the more westerly coffee and citrus areas. In southern Brazil, moderate to heavy rain (25-50 mm or more) maintained adequate to locally excessive moisture for soybeans and corn in the main growing areas of Parana and Rio Grande do Sul.



**ARGENTINA**

In La Pampa and Buenos Aires, warm, showery weather improved conditions for agriculture after last week's outbreak of unseasonable cold. In fact, highs reached the upper 20s and lower 30s degrees C at some of the same locations that reported freezing temperatures on November 15. At week's end, temperatures briefly fell into the low single digits C but the potential for frost was limited. Weekly rainfall totaled 5 to 25 mm across the region; the moisture, in combination with the warm-up, benefited crops not significantly affected by last week's freeze and will help farmers assess damage to those that were. Farther north, drier (light showers totaling 5-15 mm), somewhat warmer weather (several days with highs reaching the lower and middle 30s degrees C) dominated a large area stretching from Cordoba to southern Entre Rios, reducing topsoil moisture for germination of corn and soybeans. Scattered, generally light showers (10-25 mm, locally exceeding 50 mm) overspread the north, although above-normal temperatures (highs briefly reaching the upper 30s degrees C) maintained high evaporative losses. According to Argentina's Ministry of Agriculture (SAGPyA), corn was 78 percent planted as of November 22, 5 points ahead of last year's pace. Sunflowers were 85 percent planted, also slightly ahead of last year's pace (84 percent) but soybeans were 45 percent planted compared with 55 percent last year.

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