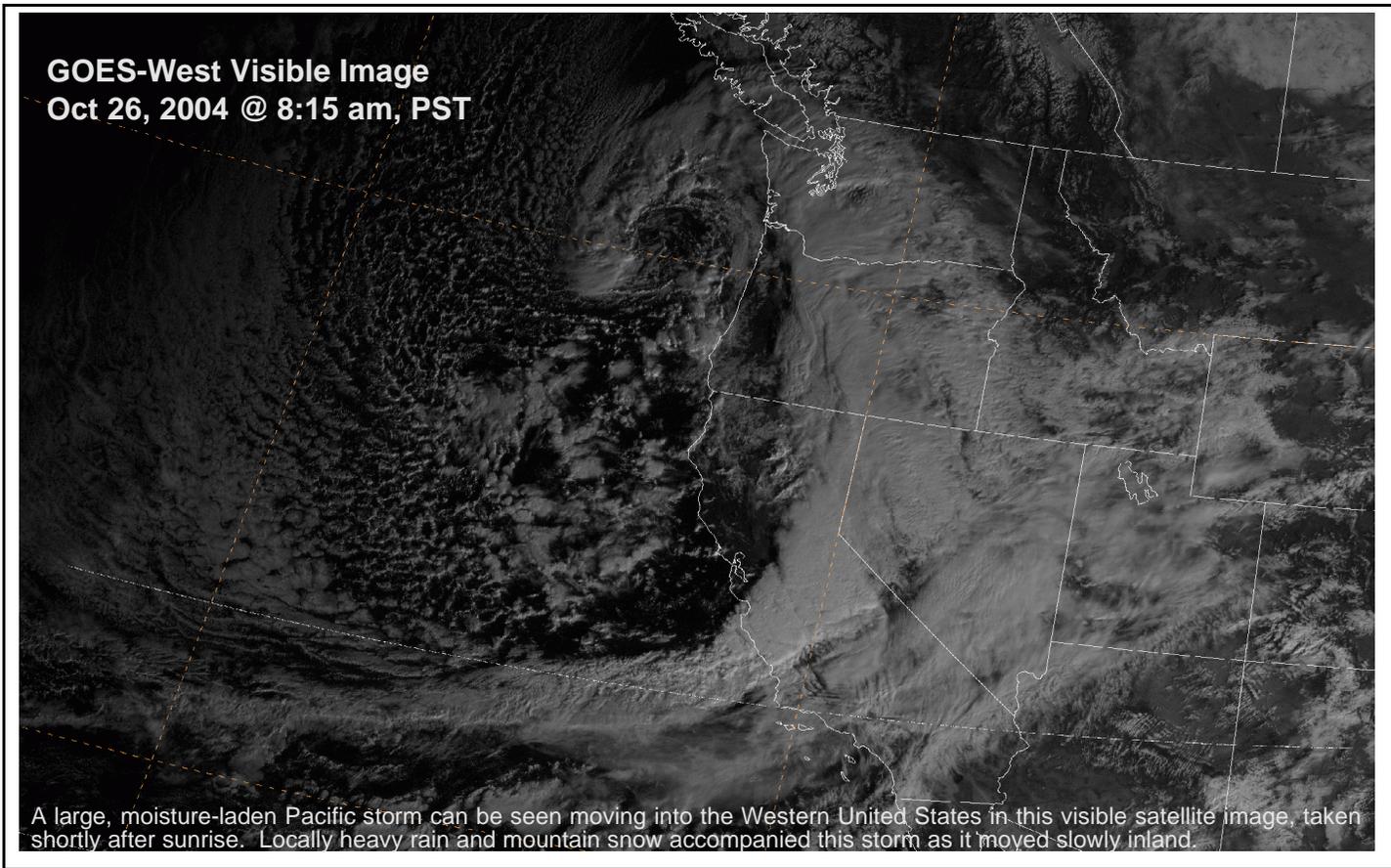


WEEKLY WEATHER AND CROP BULLETIN

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

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



HIGHLIGHTS

October 24 - 30, 2004

Highlights provided by USDA/WAOB

The phenomenal start to the 2004-05 winter wet season continued for a second consecutive week across much of the **West**, establishing high-elevation snowpacks and aiding pastures, rangelands, and winter grains. However, **Western** rainfall also hampered fieldwork, caused local flooding, and adversely affected unharvested cotton, while cooler-than-normal weather (temperatures as much as 10°F below normal) slowed winter grain growth. In contrast, very warm weather prevailed across the **central and southern Plains**, the **Midwest**, and the **South**. Weekly temperatures averaged more than 15°F above normal in parts of the **western and**

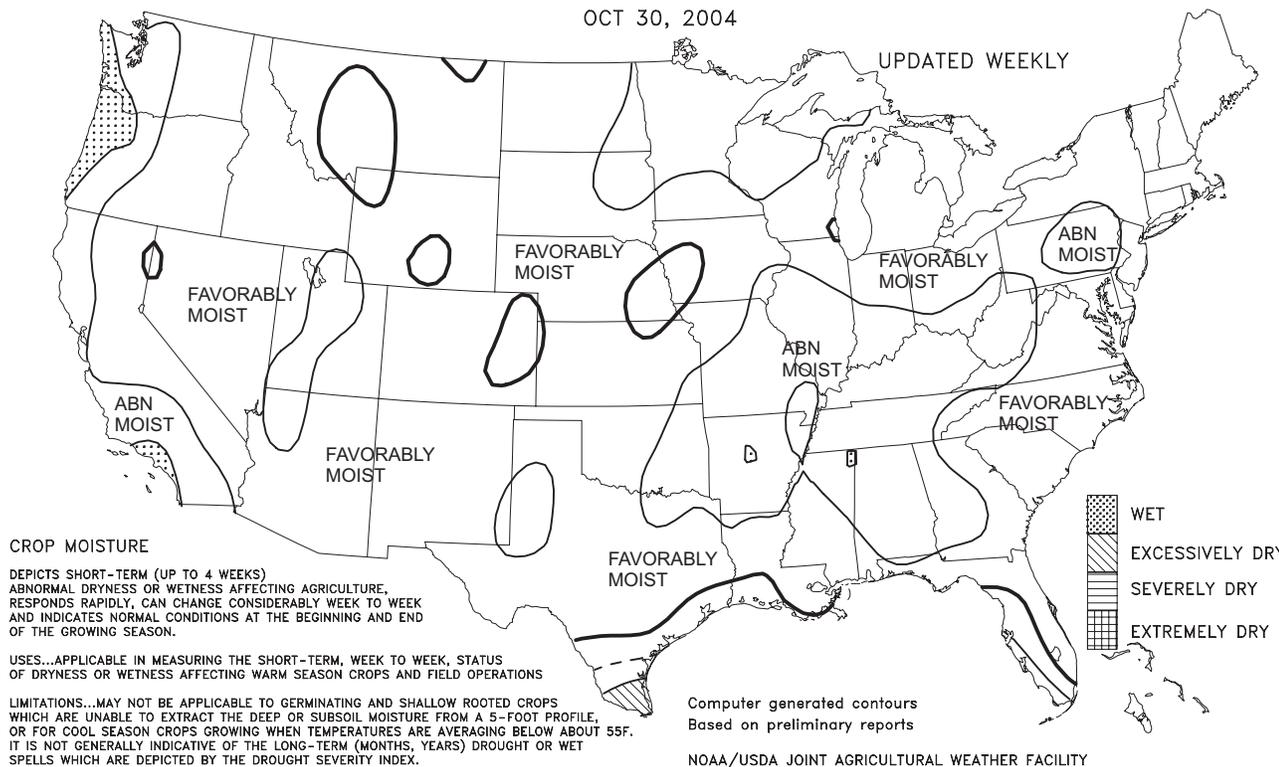
(Continued on page 7)

Contents

Crop Moisture Maps	2
Palmer Drought Maps	3
October 26 Drought Monitor & Total Precipitation Map	4
Agricultural Weather Data Compiled by USDA's Stoneville Field Office & Record-High October Precipitation Totals	5
Extreme Maximum & Minimum Temperature Maps	6
Temperature Departure Map	7
National Weather Data for Selected Cities	8
Crop Progress and Condition Tables	11
National Agricultural Summary	14
State Agricultural Summaries	15
International Weather and Crop Summary & October Temperature/Precipitation Table	21
Subscription Information	28

Crop Moisture
 SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
 OCT 30, 2004

UPDATED WEEKLY



CROP MOISTURE

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

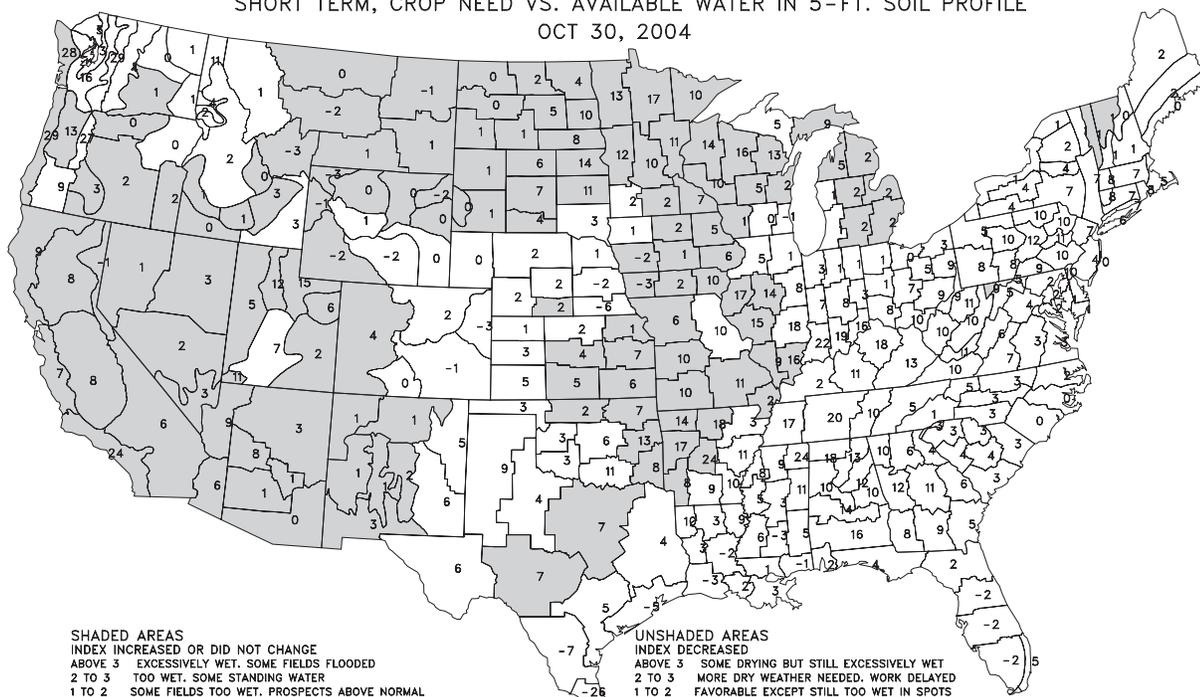
USES...APPLICABLE IN MEASURING THE SHORT-TERM, WEEK TO WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS

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

Computer generated contours
 Based on preliminary reports

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

Crop Moisture Index
 SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
 OCT 30, 2004



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

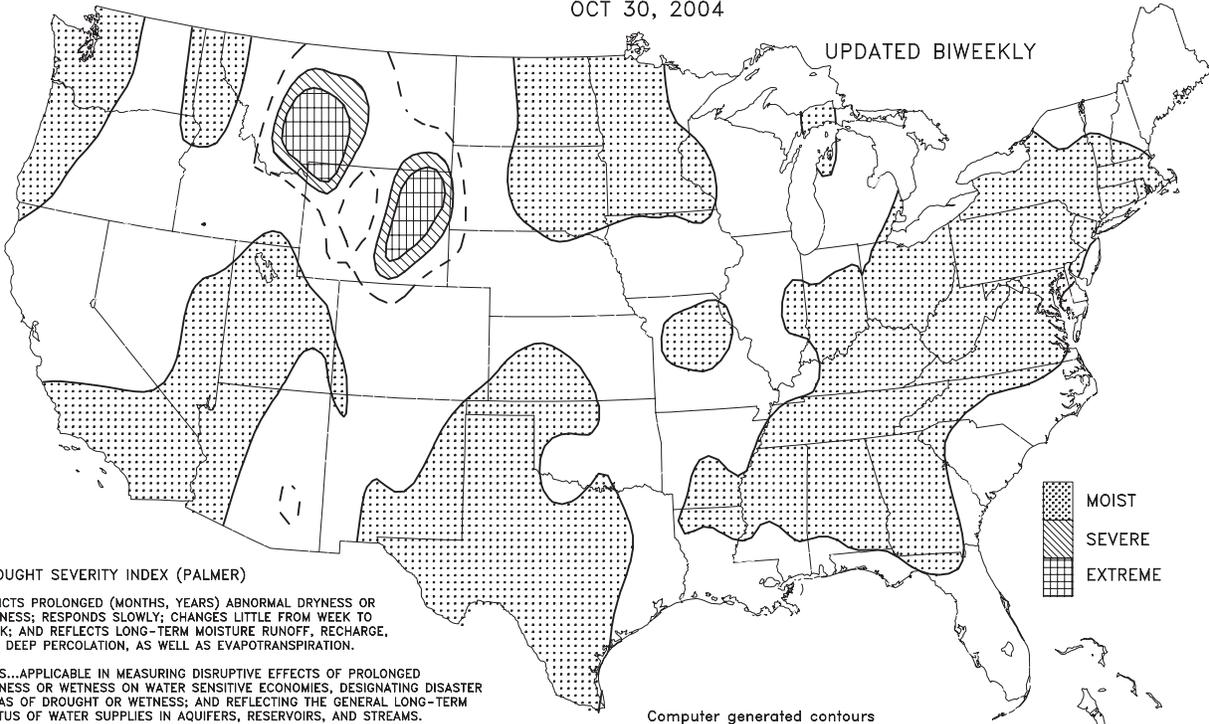
UNSHADED AREAS
 INDEX DECREASED
 ABOVE 3 SOME DRYING BUT STILL EXCESSIVELY WET
 2 TO 3 MORE DRY WEATHER NEEDED. WORK DELAYED
 1 TO 2 FAVORABLE EXCEPT STILL TOO WET IN SPOTS
 0 TO 1 FAVORABLE FOR NORMAL GROWTH AND FIELDWORK
 0 TO -1 TOPSOIL MOISTURE SHORT. GERMINATION SLOW
 -1 TO -2 ABNORMALLY DRY. PROSPECTS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

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

BASED ON PRELIMINARY DATA

DROUGHT SEVERITY
LONG TERM PALMER
OCT 30, 2004

UPDATED BIWEEKLY



DROUGHT SEVERITY INDEX (PALMER)

DEPICTS PROLONGED (MONTHS, YEARS) ABNORMAL DRYNESS OR WETNESS; RESPONDS SLOWLY; CHANGES LITTLE FROM WEEK TO WEEK; AND REFLECTS LONG-TERM MOISTURE RUNOFF, RECHARGE, AND DEEP PERCOLATION, AS WELL AS EVAPOTRANSPIRATION.

USES...APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED DRYNESS OR WETNESS ON WATER SENSITIVE ECONOMIES, DESIGNATING DISASTER AREAS OF DROUGHT OR WETNESS; AND REFLECTING THE GENERAL LONG-TERM STATUS OF WATER SUPPLIES IN AQUIFERS, RESERVOIRS, AND STREAMS.

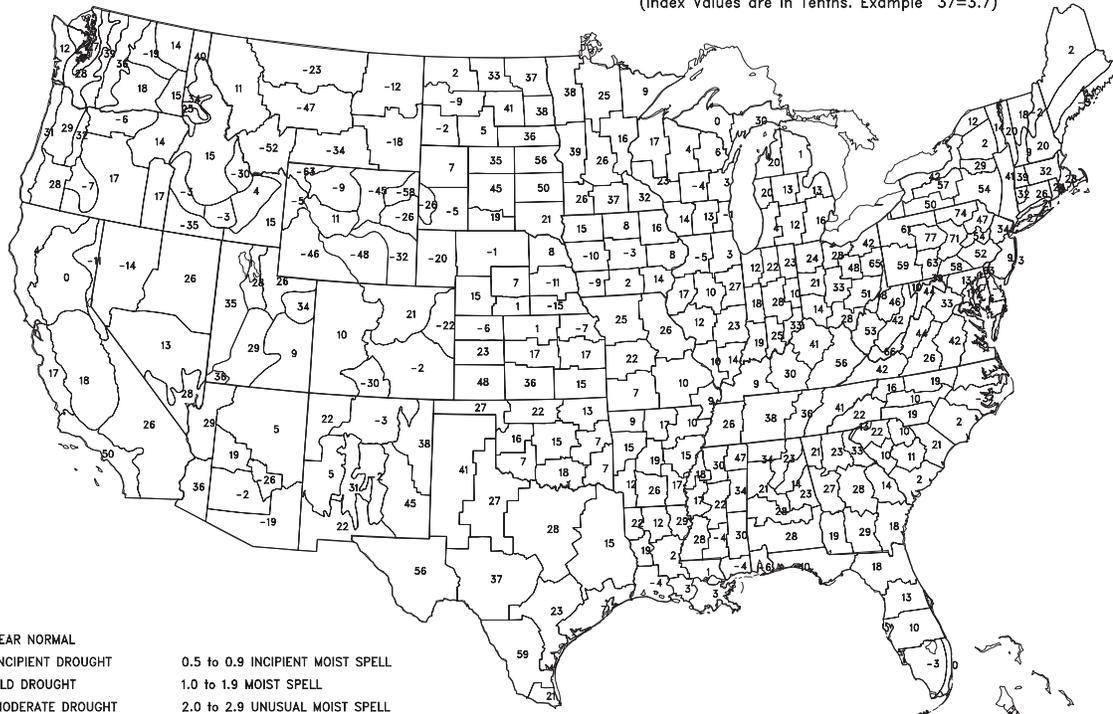
LIMITATIONS...IS NOT GENERALLY INDICATIVE OF SHORT-TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).

Computer generated contours
Based on preliminary reports

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

Drought Severity Index by Division
OCT 30, 2004
(Long Term Palmer)

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



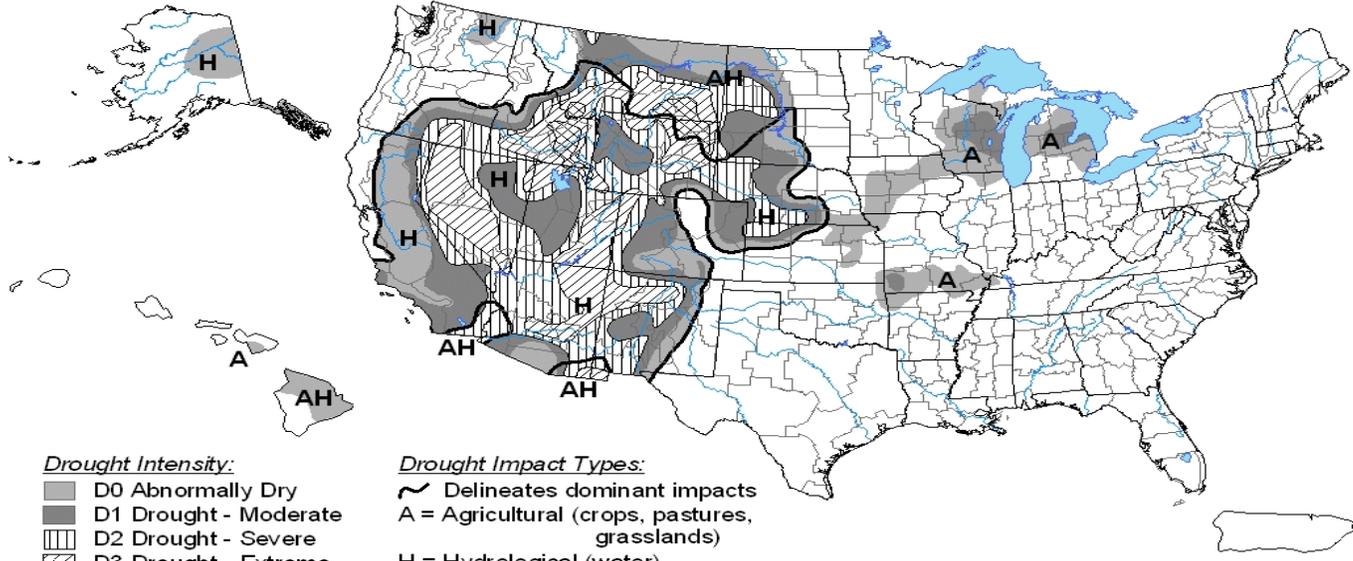
- 0.4 to -0.4 NEAR NORMAL
- 0.5 to -0.9 INCIPIENT DROUGHT
- 1.0 to -1.9 MILD DROUGHT
- 2.0 to -2.9 MODERATE DROUGHT
- 3.0 to -3.9 SEVERE DROUGHT
- BELOW -4.0 EXTREME DROUGHT

- 0.5 to 0.9 INCIPIENT MOIST SPELL
- 1.0 to 1.9 MOIST SPELL
- 2.0 to 2.9 UNUSUAL MOIST SPELL
- 3.0 to 3.9 VERY MOIST SPELL
- ABOVE 4.0 EXTREME MOIST SPELL

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary data

U.S. Drought Monitor

October 26, 2004
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)
- (No type = Both impacts)

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

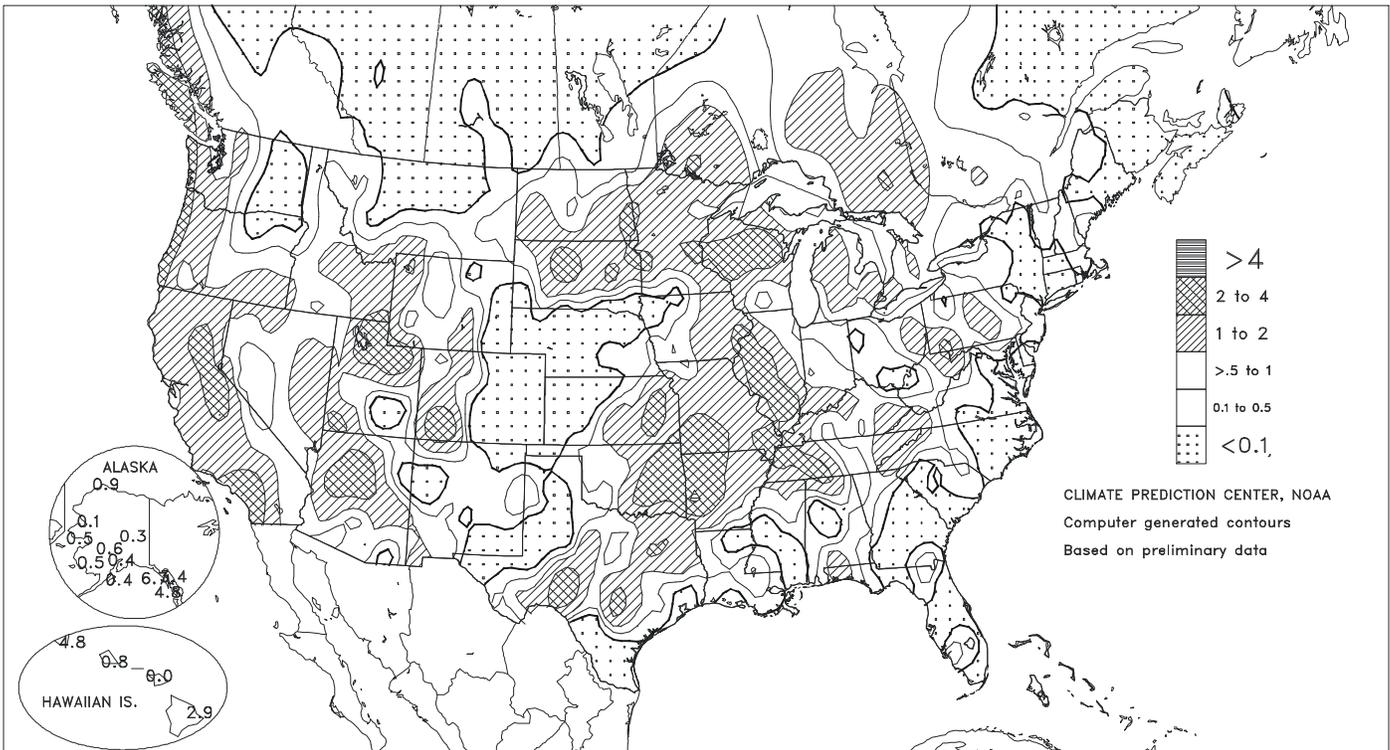
<http://drought.unl.edu/dm>



Released Thursday, October 28, 2004
Author: Rich Tinker, CPC/NCEP/NWS/NOAA

Total Precipitation (Inches)

OCT 24 - 30, 2004



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

Agricultural Weather Data Compiled by USDA's Stoneville Field Office

Weather Data for the Week Ending October 30, 2004

Data provided by the Mississippi State Delta Research and Extension Center (DREC) and the University of Missouri Extension 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 Sep 1	PCT. NORMAL SINCE Sep 1	TOTAL IN, SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP		
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	5.0 INCH OR MORE	
MISSISSIPPI																				
INDIANOLA 1S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INVERNESS 5E	84	68	85	62	76	-	0.03	-	0.02	5.06	-	-	-	81	72	0	0	2	0	
LYON	84	66	86	62	75	-	0.16	-	0.08	3.69	-	-	-	-	-	0	0	4	0	
MACON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ONWARD	85	68	87	63	77	-	0.01	-	0.01	8.16	-	47.58	-	-	-	0	0	1	0	
PERTHSHIRE	83	67	85	61	75	-	0.12	-	0.11	7.34	-	43.55	-	-	-	0	0	2	0	
SCOTT	83	67	85	60	75	-	0.00	-	0.00	7.07	-	45.75	-	-	-	0	0	0	0	
SIDON	86	68	88	63	77	-	0.10	-	0.09	3.42	-	36.97	-	-	-	0	0	2	0	
STARKVILLE	83	66	84	64	75	16	0.13	-0.73	0.10	8.81	129	45.16	99	-	-	0	0	4	0	
TUNICA 1W	83	64	85	56	73	-	0.15	-	0.07	5.90	-	-	-	-	-	0	0	3	0	
VANCE	82	66	84	64	74	-	0.66	-	0.20	6.74	-	42.23	-	-	-	0	0	5	0	
VERONA	84	65	86	62	74	-	0.44	-	0.43	7.28	-	39.57	-	78	68	0	0	2	0	
STONEVILLE X	85	66	88	61	76	16	0.52	-0.35	0.48	7.16	110	50.16	118	80	71	0	0	2	0	
MISSOURI																				
NW CORNING	73	51	84	42	62	12	0.68	0.11	0.61	1.36	20	21.27	65	-	-	0	0	2	1	
ALBANY	70	50	81	36	60	9	0.62	0.09	0.62	4.34	70	33.79	105	62	56	0	0	1	1	
ST. JOSEPH	69	52	80	43	61	10	1.39	0.84	1.33	4.75	67	37.02	114	-	-	0	0	4	1	
NC LINNEUS	70	52	79	38	61	10	0.70	0.20	0.55	5.78	92	37.06	115	62	57	0	0	2	1	
BRUNSWICK	71	51	79	38	62	10	0.51	0.01	0.37	4.78	72	35.94	107	64	58	0	0	3	0	
NE NOVELTY	69	51	79	41	60	9	1.53	1.08	1.14	7.29	113	32.79	106	62	57	0	0	3	1	
MONROE CITY	70	52	79	39	62	11	0.90	0.45	0.88	5.20	83	27.80	87	63	56	0	0	3	1	
WC GREEN RIDGE	72	56	77	44	64	12	0.81	0.27	0.55	-	-	-	-	66	59	0	0	3	1	
C AUXVASSE	73	54	80	43	63	11	0.49	-0.01	0.41	5.77	92	33.44	100	64	58	0	0	4	0	
SANBORN FIELD	74	56	80	43	65	12	0.55	0.02	0.46	4.86	76	35.83	103	66	59	0	0	2	0	
COLUMBIA	73	56	81	41	64	11	0.43	-0.09	0.35	3.80	60	35.58	102	-	-	0	0	2	0	
VERSAILLES	74	58	80	43	66	12	1.34	0.75	0.72	5.25	71	-	-	67	60	0	0	5	2	
EC COOK STATION	78	54	83	39	65	10	1.57	0.79	0.72	3.88	55	30.23	83	69	62	0	0	5	1	
SW LAMAR	75	57	81	42	66	11	1.49	0.95	0.85	5.41	62	37.38	92	67	62	0	0	3	1	
SE DELTA	78	57	82	46	67	12	2.15	1.43	1.20	4.88	76	29.34	80	70	63	0	0	5	2	
CHARLESTON	79	60	82	50	69	13	1.22	0.43	0.80	4.76	80	24.44	63	72	63	0	0	3	1	
GLENNONVILLE	80	61	83	47	70	14	0.76	0.04	0.35	4.01	70	27.22	79	71	64	0	0	4	0	
CLARKTON	81	60	85	51	70	14	0.83	0.12	0.65	4.63	78	29.23	82	74	64	0	0	4	1	
PORTAGEVILLE DC	80	62	85	52	70	13	1.75	0.78	0.88	5.37	77	39.89	105	75	64	0	0	5	2	
PORTAGEVILLE LF	80	62	84	52	71	14	1.11	0.12	0.46	3.96	57	38.89	102	75	64	0	0	4	0	
STEELE	81	62	84	52	71	14	1.02	0.06	0.68	3.60	52	35.41	88	73	66	0	0	4	1	
CARDWELL	81	61	86	49	70	13	0.80	-0.20	0.28	4.51	60	36.67	93	73	66	0	0	4	0	

Compiled by USDA/OCE/WAOB's Stoneville Field Office. X Based on 1971-2000 normals. - Sufficient data not available. 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: Above-normal temperatures promoted field drying, allowing the cotton harvest to resume in some areas. However, isolated showers caused renewed cotton harvest delays in a few locations. Some harvesters were picking their remaining cotton in muddy conditions. Many cotton modules were brought to the gins as dirt roads dried. Additional winter grains and forages were planted, and germination of previously planted fields was good due to adequate moisture levels and above-normal temperatures. Many fields were already tilled and ready for spring planting.

Selected Record-High October Precipitation Totals (Inches)

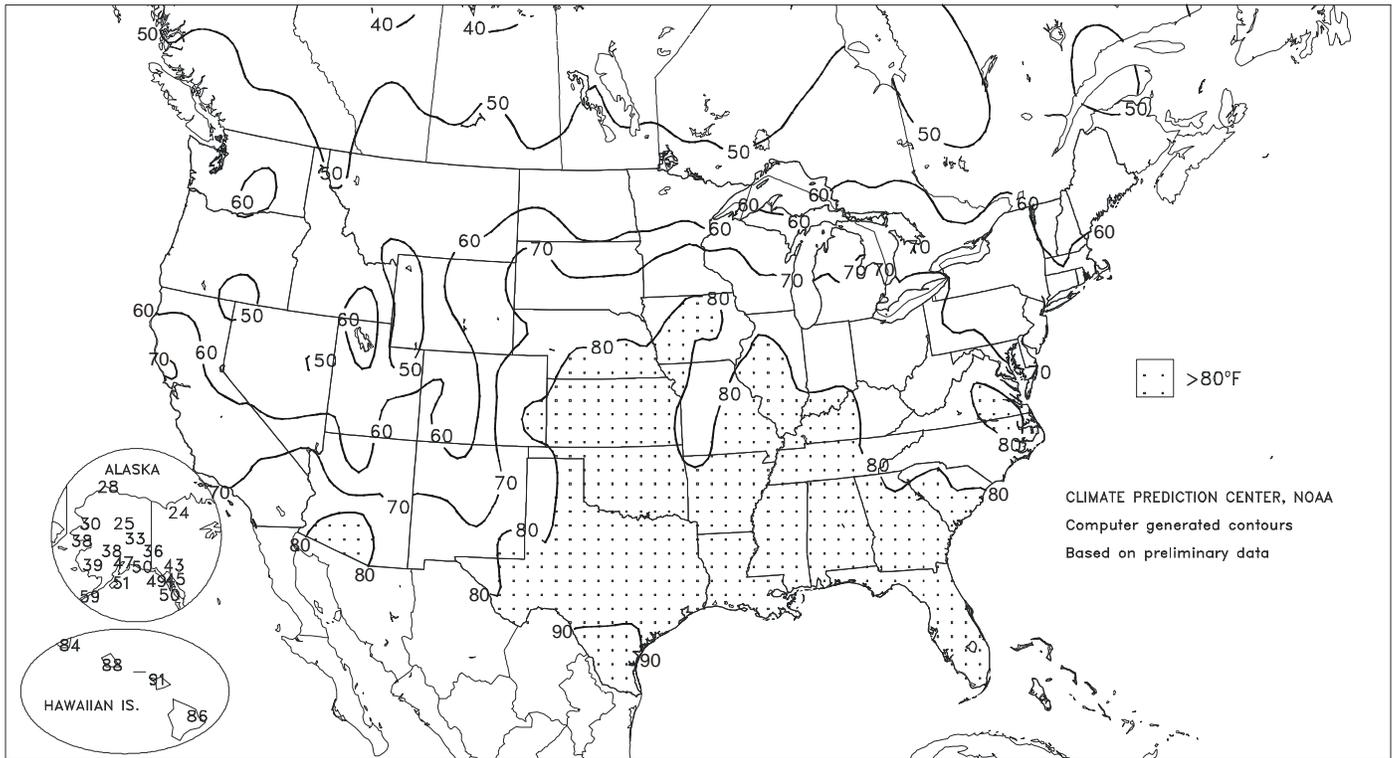
Location	Total	Normal	Previous Record	Location	Total	Normal	Previous Record
Louisville, KY	8.72	2.79	8.05 in 1883	Riverside, CA	3.93	0.31	1.75 in 1987
Campo, CA	6.24	0.65	3.13 in 1987	Paso Robles, CA	3.91	0.51	2.43 in 1968
Burbank, CA	6.17	0.55	4.26 in 1987	L.A. Airport, CA	3.78	0.36	1.79 in 1972
Ramona, CA	5.82	0.55	3.26 in 1987	Santa Barbara, CA	3.43	0.52	2.40 in 1976
Long Beach, CA	5.34	0.40	2.30 in 2000	Sandberg, CA	3.28	0.32	2.48 in 1987
San Diego, CA	4.98	0.44	3.67 in 1925	Palmdale, CA	2.76	0.24	2.05 in 1987
				Santa Maria, CA	2.32	0.45	2.07 in 1960

Selected Record-High October Average Temperatures (°F)

Location	Avg.	Dep.	Previous Record	Location	Avg.	Dep.	Previous Record
McAllen, TX	81.7	+5.3	80.3 in 1962	Houston, TX	77.5	+7.1	76.6 in 1947
Brownsville, TX	80.4	+5.4	80.2 in 1919	College Stn., TX	77.0	+6.5	76.4 in 1931
Corpus Christi, TX	80.0	+6.2	79.6 in 1941	New Orleans, LA	76.6	+6.6	75.4 in 1947
Galveston, TX	78.9	+4.8	77.6 in 1941	New Iberia, LA	76.0	+6.7	74.6 in 2002
				Baton Rouge, LA	74.6	+6.5	73.5 in 1985

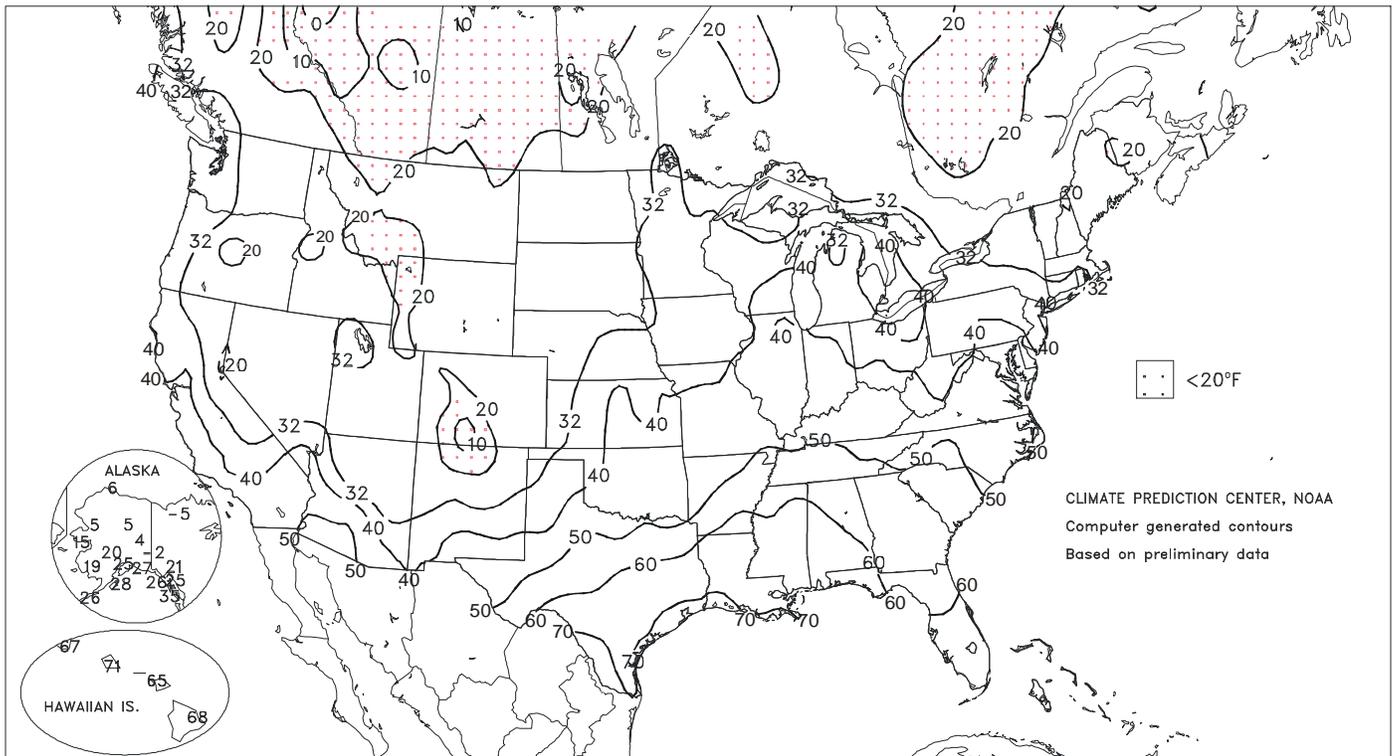
Extreme Maximum Temperature (°F)

OCT 24 - 30, 2004



Extreme Minimum Temperature (°F)

OCT 24 - 30, 2004



(Continued from front cover)

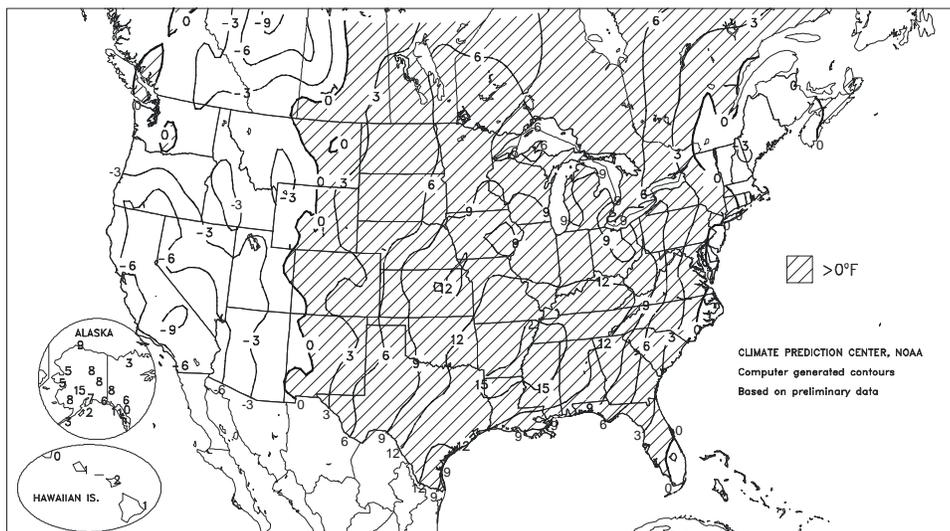
central Gulf Coast States, capping a record-warm October. Warm, mostly dry weather on the **High Plains** and along the **East Coast** promoted fieldwork and winter wheat emergence and establishment. However, widespread showers slowed summer crop harvesting in several other areas, including the **southeastern Plains**, the **middle Mississippi Valley**, and much of the **Midwest**.

Corpus Christi, TX, notched nine daily-record highs during the month, helping to boost its October average temperature to 80.0°F (6.2°F above normal). The former record of 79.6°F was established in October 1941. Similarly, **New Orleans, LA**, posted its warmest October on record (previously, 75.4°F in 1947) with an average temperature of 76.6°F (6.6°F above normal). Records for October warmth were also established in at least a half dozen other cities across **southern Louisiana** and **coastal Texas**. **Brownsville, TX** (80.4°F, or 5.4°F above normal), edged a monthly record that had stood since 1919 and reached or exceeded 90°F on 18 October days, tying a record previously attained in 1883, 1918, and 1993. During the last week of the month, daily-record warmth briefly spread as far north as the **central Plains**, where **Hill City, KS**, marked a high of 84°F on October 28. Warmth reached the **Mid-Atlantic States** at week's end, when **Blacksburg, VA** (80°F on October 30), collected a daily record.

Cool conditions preceded and accompanied another round of stormy weather in the **West**, where daily-record lows were set or tied in locations such as **Redmond, OR** (18°F on October 25), and **Sandberg, CA** (33°F on October 26). During the 2-week period ending October 28, precipitation ranged from 10 to 20 inches at several locations in **southern California's San Gabriel Mountains**. Unofficially, nearly 22 inches of rain soaked **Opids Camp**, while more than 15 inches fell at the **Mt. Baldy Fire Station**. October precipitation totaled more than 1,000 percent of normal at several **southern California** locations, including **Burbank** (6.17 inches), **Ramona** (5.82 inches), and **Long Beach** (5.34 inches). It was also the wettest October on record at the aforementioned stations, along with **southern California** locations such as **San Diego** (4.98 inches; previously 3.67 inches in 1925) and **Riverside** (3.93 inches; previously, 1.75 inches in 1987). In addition, **San Diego** experienced its wettest day in more than 67 years on October 27, when rainfall totaled 2.70 inches. The only wetter days in **San Diego's** history were April 5, 1926 (3.23 inches), October 4, 1925 (2.95 inches), and February 6, 1937 (2.71

Departure of Average Temperature from Normal (°F)

OCT 24 - 30, 2004



inches). Heavy snow fell farther inland, resulting in daily-record totals in locations such as **Austin, NV** (11.0 inches on October 27), and **Flagstaff, AZ** (9.8 inches on October 28). **Flagstaff's** season-to-date snowfall reached 15.3 inches, a total not attained during the 2003-04 season until February 4, 2004. Elsewhere, locally heavy showers peppered areas from **Texas to the Midwest**. Selected daily-record totals included 3.53 inches (on October 24) in **San Antonio, TX**; 2.93 inches (on October 25) in **El Dorado, AR**; and 1.47 inches (on October 26) in **Moline, IL**. Toward week's end, heavy rain arrived in the **upper Midwest**, where **Fargo, ND**, collected consecutive daily-record totals (1.56 and 1.05 inches on October 29 and 30). In **South Dakota**, daily records included 2.08 inches (on October 28) in **Watertown** and 1.65 inches (on October 29) in **Mobridge**.

For the fourth consecutive week, mild weather (temperatures generally 5 to 15°F above normal) prevailed across the **Alaskan mainland**. On October 26, **King Salmon** noted a daily-record high of 49°F. Precipitation continued to ease lingering dryness across **east-central Alaska**, where **Fairbanks'** October total (1.12 inches, or 122 percent of normal) included 17.0 inches of snow (136 percent). Farther south, several rounds of locally heavy showers affected **Hawaii**, where weekly totals included 4.25 inches in **Lihue, Kauai**, and 4.13 inches in **Hilo**, on the **Big Island**. Nearly half (1.85 inches) of **Lihue's** rain fell on October 25, establishing a record for the date. Rainfall was especially heavy at week's end on parts of **Oahu**, where the **Manoa Lyon Arboretum** measured 8.71 inches in a 6-hour period on October 30. However, showers bypassed **Kahului, Maui**, capping its driest October on record (a trace, or 1.05 inches below normal, tying 1984 and 1996). **Kahului** also notched a daily-record high (91°F on October 26).

National Weather Data for Selected Cities

Weather Data for the Week Ending October 30, 2004

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 Sep 1	PCT. NORMAL SINCE Sep 1	TOTAL IN, SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE		50 INCH OR MORE	
																		01 INCH OR MORE	50 INCH OR MORE		
AL	HUNTSVILLE	81	61	85	55	71	14	0.20	-0.65	0.19	8.09	106	43.99	95	96	68	0	0	2	0	
	MOBILE	84	67	86	62	76	12	0.08	-0.73	0.08	8.48	93	62.23	111	94	62	0	0	1	0	
	MONTGOMERY	86	63	88	62	75	14	1.04	0.45	1.02	9.74	147	43.16	96	90	51	0	0	3	1	
AK	ANCHORAGE	39	31	47	25	35	7	0.37	0.02	0.22	8.92	185	15.73	114	85	75	0	4	4	0	
	BARROW	19	14	28	6	17	9	0.87	0.81	0.72	3.35	332	7.21	190	85	77	0	7	4	1	
	FAIRBANKS	27	16	33	4	22	8	0.31	0.13	0.15	2.40	124	7.22	82	94	88	0	7	6	0	
	JUNEAU	42	34	45	25	38	0	3.37	1.74	1.19	16.38	106	46.13	98	95	91	0	2	6	3	
	KODIAK	45	33	51	28	39	2	0.43	-1.26	0.34	8.52	54	62.70	103	69	47	0	3	3	0	
	NOME	33	24	38	15	28	5	0.46	0.16	0.33	3.38	85	14.89	105	88	72	0	6	3	0	
AZ	FLAGSTAFF	50	28	57	15	39	-4	2.20	1.79	1.74	5.28	135	15.85	83	93	54	0	5	2	1	
	PHOENIX	76	58	84	51	67	-2	4.45	0.28	0.45	0.93	64	5.90	90	72	52	0	0	1	0	
	TUCSON	75	53	80	44	64	-1	0.16	-0.04	0.16	1.27	50	6.68	64	83	50	0	0	1	0	
	YUMA	75	57	78	52	66	-6	0.26	0.22	0.16	1.02	222	2.62	110	80	58	0	0	2	0	
AR	FORT SMITH	82	61	86	46	71	13	0.88	-0.09	0.31	4.57	62	38.95	110	95	51	0	0	5	0	
	LITTLE ROCK	81	64	83	55	72	14	0.78	-0.31	0.40	8.20	106	41.08	102	96	56	0	0	4	0	
CA	BAKERSFIELD	65	47	70	43	56	-6	0.96	0.87	0.96	1.54	405	4.31	85	89	65	0	0	1	1	
	FRESNO	62	48	67	43	55	-5	1.05	0.86	1.05	2.50	298	6.70	77	91	73	0	0	1	1	
	LOS ANGELES	67	54	71	52	61	-4	1.71	1.58	1.61	3.48	633	9.45	93	89	64	0	0	3	1	
	REDDING	61	43	67	38	52	-6	0.67	-0.06	0.53	6.20	241	23.40	95	88	65	0	0	5	1	
	SACRAMENTO	64	46	68	42	55	-5	1.92	1.60	0.96	3.86	330	11.76	89	94	51	0	0	5	2	
	SAN DIEGO	67	57	70	53	62	-4	4.57	4.41	2.71	6.40	110	10.36	125	80	63	0	0	3	2	
	SAN FRANCISCO	62	51	64	48	56	-3	0.00	-0.39	0.00	2.08	179	10.75	73	90	76	0	0	0	0	
	STOCKTON	65	44	69	40	55	-5	1.09	0.81	0.61	2.88	269	9.41	93	92	76	0	0	3	1	
CO	ALAMOSA	57	24	62	9	40	3	0.02	-0.11	0.01	1.36	92	5.53	87	79	37	0	5	2	0	
	CO SPRINGS	61	36	71	30	48	4	0.00	-0.19	0.00	0.59	30	20.23	124	74	27	0	3	0	0	
	DENVER INTL	63	32	75	27	47	2	0.00	-0.17	0.00	2.64	145	13.98	111	73	28	0	4	0	0	
	GRAND JUNCTION	55	39	65	33	47	0	0.74	0.55	0.31	3.04	166	7.39	96	84	65	0	0	4	0	
	PUEBLO	69	33	78	26	51	4	0.00	-0.17	0.00	0.45	32	12.67	112	66	31	0	4	0	0	
CT	BRIDGEPORT	59	47	64	43	53	2	0.01	-0.81	0.01	8.64	124	37.88	103	80	56	0	0	1	0	
	HARTFORD	57	38	61	31	47	-1	0.09	-0.83	0.09	9.93	126	35.43	92	95	60	0	1	1	0	
DC	WASHINGTON	62	51	72	46	57	3	0.19	-0.47	0.10	5.78	85	35.01	106	91	67	0	0	3	0	
DE	WILMINGTON	60	45	63	41	52	1	0.27	-0.35	0.27	11.74	170	49.01	136	95	64	0	0	1	0	
FL	DAYTONA BEACH	82	63	85	58	72	1	0.00	-0.83	0.00	17.82	164	59.86	138	96	54	0	0	0	0	
	JACKSONVILLE	81	59	85	53	70	4	0.03	-0.52	0.01	17.96	156	64.03	136	98	59	0	0	3	0	
	KEY WEST	85	76	87	74	80	1	0.09	-0.76	0.09	7.87	82	27.19	80	75	54	0	0	1	0	
	MIAMI	84	72	86	69	78	1	0.00	-1.17	0.00	15.54	109	52.77	100	82	51	0	0	0	0	
	ORLANDO	84	65	86	62	74	1	0.00	-0.45	0.00	14.27	172	55.31	127	94	52	0	0	0	0	
	PENSACOLA	82	68	84	64	75	9	0.24	-0.70	0.21	11.12	115	52.42	94	97	68	0	0	2	0	
	TALLAHASSEE	84	61	85	56	72	7	0.21	-0.55	0.21	9.14	113	50.72	92	97	55	0	0	1	0	
	TAMPA	83	67	84	63	75	2	0.02	-0.24	0.02	17.27	200	62.92	155	91	55	0	0	1	0	
	WEST PALM	82	67	85	65	75	-1	0.06	-1.16	0.03	29.81	224	62.14	119	92	60	0	0	3	0	
GA	ATHENS	75	58	81	51	67	9	0.07	-0.74	0.07	12.89	189	32.44	81	99	80	0	0	1	0	
	ATLANTA	78	61	81	57	70	11	0.13	-0.59	0.11	15.87	226	41.56	99	94	68	0	0	2	0	
	AUGUSTA	74	56	83	53	65	6	0.07	-0.63	0.04	6.65	100	35.78	93	98	62	0	0	4	0	
	COLUMBUS	80	62	82	59	71	9	0.38	-0.22	0.21	11.14	212	41.20	103	97	58	0	0	2	0	
	MACON	80	59	84	52	70	10	0.03	-0.52	0.03	14.33	261	42.86	114	93	58	0	0	1	0	
	SAVANNAH	75	58	82	51	67	4	0.04	-0.59	0.04	7.64	95	34.37	78	97	73	0	0	1	0	
HI	HILO	83	69	86	68	76	1	2.87	0.02	1.54	18.66	101	111.6	112	87	79	0	0	7	2	
	HONOLULU	86	74	88	71	80	1	0.75	0.23	0.54	2.02	72	24.95	191	79	69	0	0	4	1	
	KAHULUI	89	70	91	65	79	2	0.00	-0.34	0.00	0.02	1	24.71	183	80	68	3	0	0	0	
	LIHUE	82	72	84	67	77	-1	4.79	3.75	1.67	9.70	143	34.78	116	89	81	0	0	6	4	
ID	BOISE	52	39	60	31	46	-2	0.58	0.38	0.30	1.87	130	9.69	104	89	68	0	1	5	0	
	LEWISTON	55	38	59	34	47	0	0.00	-0.24	0.00	1.75	105	12.96	125	81	66	0	0	0	0	
	POCATELLO	50	34	64	29	42	-1	0.71	0.49	0.40	2.82	160	10.97	107	91	71	0	2	3	0	
IL	CHICAGO/O'HARE	68	49	76	38	58	11	0.80	0.14	0.36	4.71	81	28.25	92	92	66	0	0	4	0	
	MOLINE	67	49	80	41	58	10	2.64	1.98	1.47	6.87	118	33.84	103	93	72	0	0	4	2	
	PEORIA	69	51	85	43	60	12	1.54	0.93	0.93	5.41	95	29.36	96	94	63	0	0	3	1	
	ROCKFORD	66	48	76	38	57	11	0.89	0.32	0.57	2.84	48	33.16	104	97	71	0	0	3	1	
	SPRINGFIELD	71	52	83	40	61	11	1.46	0.86	0.74	6.54	123	29.96	100	89	60	0	0	4	1	
IN	EVANSVILLE	74	56	82	46	65	12	2.01	1.28	0.98	4.99	89	34.31	94	96	73	0	0	7	1	
	FORT WAYNE	69	47	75	37	58	10	0.49	-0.13	0.36	3.57	67	33.18	108	96	55	0	0	4	0	
	INDIANAPOLIS	70	51	77	44	61	11	0.53	-0.17	0.26	5.32	97	42.07	123	98	59	0	0	5	0	
	SOUTH BEND	69	47	76	36	58	10	0.41	-0.32	0.25	3.07	45	30.08	91	94	60	0	0	2	0	
IA	BURLINGTON	68	52	81	40	60	10	1.57	0.96	1.23	8.12	128	30.49	93	93	62	0	0	2	1	
	CEDAR RAPIDS	64	47	80	37	55	9	0.80	0.31	0.68	3.84	72	30.71	104	98	66	0	0	2	1	
	DES MOINES	65	48	80	38	57	10	0.57	-0.01	0.35	3.23	57	34.41	110	95	74	0	0	4	0	
	DUBUQUE	63	47	78	37	55	10	1.32	0.76	0.95	5.08	86	28.11	90	92	75	0	0	4	1	
	SIOUX CITY	68	42	79	28	55	10	0.16	-0.25	0.04	4.17	98	24.20	102	92	60	0	1	4	0	
	WATERLOO	63	46	82	32	55	10	0.62	0.07	0.31	2.86	54	32.19	108	92	71	0	1	4	0	
KS	CONCORDIA	72	52	83	43	62	12	0.25	-0.11	0.11	2.78	66	23.50	90	82	53	0	0	4	0	
	DODGE CITY	72	48	83	39	60	9	0.12	-0.18	0.07	4.59	150	22.13	108	86	39	0	0	5	0	
	GOODLAND	66	38	80	28	52	6	0.03	-0.22	0.02	5.84	279	19.01	103	88	58	0	3	2	0	
	TOPEKA	***	***	***	***	***	***	***	***	***	6.52	103	37.90	120	***	***	***	***	***	***	***
	WICHITA	74	54	81	40	64	11	2.02	1.54	0.84	4.57	87	35.07	130	96	69	0	0			

Weather Data for the Week Ending October 30, 2004

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 Sep 1	PCT. NORMAL SINCE Sep 1	TOTAL IN, SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.	
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	5.0 INCH OR MORE
KY JACKSON	74	59	79	51	66	12	2.09	1.35	1.91	12.63	186	54.92	135	91	57	0	0	3	1
KY LEXINGTON	72	54	78	46	63	11	1.51	0.90	0.56	10.47	185	52.04	136	98	74	0	0	6	2
KY LOUISVILLE	75	56	81	48	66	12	1.35	0.68	1.09	8.11	143	44.63	121	92	54	0	0	5	1
KY PADUCAH	79	59	83	47	69	16	0.86	0.06	0.39	5.68	83	31.13	78	95	52	0	0	5	0
LA BATON ROUGE	86	66	88	62	76	12	0.05	-0.85	0.03	10.49	124	61.02	115	99	57	0	0	2	0
LA LAKE CHARLES	87	69	88	67	78	12	0.26	-0.60	0.23	5.28	55	58.82	123	93	58	0	0	3	0
LA NEW ORLEANS	86	69	88	67	78	12	0.00	-0.77	0.00	9.83	117	68.43	127	94	59	0	0	0	0
LA SHREVEPORT	86	68	87	62	77	15	0.42	-0.64	0.30	9.76	131	53.18	127	92	58	0	0	2	0
ME CARIBOU	49	27	54	20	38	-1	0.21	-0.48	0.21	3.95	65	26.55	86	92	56	0	7	1	0
ME PORTLAND	54	36	62	29	45	1	0.29	-0.78	0.29	5.44	72	32.73	89	88	56	0	3	1	0
MD BALTIMORE	61	47	70	40	54	3	0.08	-0.57	0.04	5.38	77	37.87	107	93	70	0	0	3	0
MA BOSTON	55	43	61	38	49	-1	0.03	-0.87	0.02	9.44	133	38.14	110	83	63	0	0	2	0
MA WORCESTER	53	39	59	36	46	0	0.16	-0.91	0.15	9.80	112	37.34	92	89	58	0	0	2	0
MI ALPENA	59	43	71	34	51	10	0.20	-0.30	0.07	3.39	68	20.77	85	98	69	0	0	5	0
MI GRAND RAPIDS	62	44	71	36	53	8	0.52	-0.09	0.43	5.30	77	33.72	109	97	67	0	0	3	0
MI HOUGHTON LAKE	59	43	67	30	51	9	1.47	0.97	0.99	5.24	100	24.97	102	96	70	0	1	6	1
MI LANSING	63	45	71	37	54	9	0.39	-0.12	0.30	3.91	70	29.89	113	92	75	0	0	2	0
MI MUSKEGON	62	45	72	37	54	9	0.42	-0.25	0.39	4.06	66	31.22	116	95	74	0	0	3	0
MI TRAVERSE CITY	61	45	72	35	53	9	0.92	0.29	0.34	5.40	85	26.02	93	95	64	0	0	5	0
MN DULUTH	50	39	54	35	45	7	0.71	0.21	0.60	7.50	116	27.28	98	95	88	0	0	3	1
MN INT'L FALLS	49	37	52	31	43	7	2.38	2.01	1.65	9.99	205	24.91	115	97	75	0	2	6	2
MN MINNEAPOLIS	59	45	75	37	52	9	1.13	0.63	0.88	6.53	140	26.01	99	91	72	0	0	3	1
MN ROCHESTER	59	44	77	37	51	10	0.78	0.29	0.48	8.12	157	37.83	134	94	78	0	0	5	0
MN ST. CLOUD	56	41	72	32	49	10	2.04	1.55	1.84	8.78	174	28.18	114	93	67	0	1	4	1
MS JACKSON	84	66	86	64	75	15	0.00	-0.90	0.00	6.30	97	49.58	109	95	55	0	0	0	0
MS MERIDIAN	84	65	86	63	74	14	0.10	-0.71	0.08	10.68	158	50.75	105	96	71	0	0	3	0
MS TUPELO	83	65	85	61	74	17	0.37	-0.45	0.37	9.22	141	49.95	112	96	64	0	0	1	0
MO COLUMBIA	73	55	80	40	64	13	0.34	-0.40	0.27	5.02	78	38.75	113	89	64	0	0	4	0
MO KANSAS CITY	71	54	81	42	63	12	1.53	0.97	0.69	7.34	94	35.00	103	90	60	0	0	4	1
MO SAINT LOUIS	75	57	84	48	66	13	0.44	-0.24	0.43	4.09	73	35.42	111	89	64	0	0	2	0
MO SPRINGFIELD	75	58	79	43	67	13	1.66	0.87	0.67	5.31	65	33.71	91	90	66	0	0	4	2
MT BILLINGS	51	33	55	28	42	-1	0.79	0.57	0.66	2.87	115	10.58	80	89	49	0	3	2	1
MT BUTTE	45	25	53	14	35	-1	0.03	-0.12	0.03	1.67	93	10.49	91	90	46	0	6	1	0
MT GLASGOW	50	27	56	23	39	0	0.02	-0.09	0.02	0.77	48	11.43	110	92	73	0	6	1	0
MT GREAT FALLS	50	26	57	22	38	-3	0.02	-0.15	0.02	3.15	152	13.50	100	79	37	0	7	1	0
MT HAVRE	50	25	58	21	37	-2	0.00	-0.09	0.00	2.05	131	11.30	109	90	65	0	6	0	0
MT KALISPELL	45	27	49	22	36	-2	0.05	-0.18	0.03	3.43	166	14.77	105	93	75	0	5	3	0
MT MISSOULA	47	28	50	24	37	-3	0.10	-0.07	0.09	2.64	146	14.57	125	94	76	0	7	2	0
NE GRAND ISLAND	66	46	82	35	56	10	0.31	-0.01	0.31	4.68	123	18.73	79	86	57	0	0	1	0
NE LINCOLN	71	46	82	33	58	10	0.29	-0.10	0.09	3.83	81	20.61	80	90	55	0	0	4	0
NE NORFOLK	68	44	81	33	56	11	0.02	-0.34	0.01	3.90	102	25.34	104	79	54	0	0	2	0
NE NORTH PLATTE	65	37	80	29	51	7	0.01	-0.23	0.01	3.00	122	18.12	99	92	44	0	3	1	0
NE OMAHA	70	47	81	36	58	10	0.30	-0.14	0.16	2.12	40	31.64	116	90	61	0	0	4	0
NE SCOTTSBLUFF	59	37	68	26	48	6	0.01	-0.18	0.01	3.95	185	10.47	70	86	64	0	2	1	0
NE VALENTINE	61	34	77	27	48	6	0.37	0.16	0.31	3.99	147	16.84	92	89	56	0	4	4	0
NV ELY	44	28	48	20	36	-5	0.92	0.73	0.42	2.70	146	7.54	86	90	71	0	6	4	0
NV LAS VEGAS	66	50	71	44	58	-5	0.12	0.08	0.12	0.77	164	3.94	106	68	45	0	0	1	0
NV RENO	52	33	62	28	43	-4	0.14	0.03	0.11	1.59	199	6.17	108	86	63	0	3	2	0
NV WINNEMUCCA	46	30	50	26	38	-6	2.01	1.85	1.34	3.19	287	6.34	95	93	75	0	5	4	1
NH CONCORD	55	31	62	24	43	-1	0.34	-0.48	0.34	7.76	120	33.24	108	92	50	0	6	1	0
NJ NEWARK	58	47	63	42	53	1	0.04	-0.69	0.04	8.90	127	40.51	105	82	63	0	0	1	0
NM ALBUQUERQUE	64	44	68	34	54	2	0.23	0.03	0.21	2.10	105	10.13	122	79	39	0	0	2	0
NY ALBANY	55	37	62	31	46	1	0.03	-0.72	0.03	5.93	93	34.09	107	97	63	0	2	1	0
NY BINGHAMTON	55	41	64	35	48	4	0.17	-0.50	0.16	9.59	149	36.58	114	94	70	0	0	2	0
NY BUFFALO	61	47	73	40	54	7	0.46	-0.30	0.37	7.06	103	33.86	104	99	68	0	0	4	0
NY ROCHESTER	58	44	72	35	51	5	0.52	-0.05	0.49	5.79	98	32.51	115	97	72	0	0	3	0
NY SYRACUSE	59	41	71	30	50	4	0.21	-0.50	0.16	5.50	77	36.68	111	94	55	0	1	3	0
NC ASHEVILLE	73	54	78	46	63	12	0.42	-0.37	0.24	14.98	222	44.19	111	95	70	0	0	5	0
NC CHARLOTTE	67	56	79	50	62	4	0.14	-0.66	0.09	8.07	111	38.74	105	97	79	0	0	5	0
NC GREENSBORO	66	54	79	50	60	6	0.30	-0.33	0.14	9.74	132	30.82	83	96	74	0	0	4	0
NC HATTERAS	65	58	72	56	62	0	0.02	-1.22	0.01	5.44	51	28.35	59	82	63	0	0	2	0
NC RALEIGH	67	53	80	46	60	4	0.10	-0.53	0.09	7.35	101	42.12	114	94	72	0	0	2	0
NC WILMINGTON	69	52	80	46	60	-1	0.02	-0.52	0.01	12.50	128	46.86	94	95	64	0	0	2	0
ND BISMARCK	52	35	58	24	44	5	0.38	0.15	0.21	3.41	123	16.07	103	91	77	0	3	5	0
ND DICKINSON	52	33	65	27	42	3	1.74	1.51	1.56	4.13	145	12.78	83	99	64	0	4	3	1
ND FARGO	51	38	56	30	45	6	2.71	2.32	1.52	8.38	208	25.07	129	92	76	0	1	4	2
ND GRAND FORKS	50	34	56	25	42	4	1.46	1.12	0.61	6.69	189	20.54	114	97	76	0	2	7	1
ND JAMESTOWN	50	34	57	23	42	3	1.53	1.28	1.40	5.56	183	21.68	126	96	73	0	2	5	1
ND WILLISTON	51	30	54	23	40	3	0.36	0.22	0.22	2.08	98	12.59	98	96	77	0	5	3	0
OH AKRON-CANTON	67	48	74	42	57	10	0.38	-0.17	0.36	7.03	121	40.78	126	88	63	0	0	3	0
OH CINCINNATI	71	52	78	42	62	11	0.77	0.03	0.30	7.89	140	40.60	114	92	59	0	0	4	0
OH CLEVELAND	67	49	76	42	58	10	0.42	-0.19	0.42	5.56	88	31.45	98	92	57	0	0	1	0
OH COLUMBUS	70	50	77	43	60	10	0.26	-0.30	0.19	6.34	125	41.88	130	91	57	0	0	3	0
OH DAYTON	69	48	76	42	59	10	0.26	-0.42	0.15	3.04	58	37.00	112	95	53	0	0	5	0
OH MANSFIELD	68	46	75	40	57	10	0.73	0.03	0.69	5.51	92	38.19	106	99	51	0	0	3	1
OH TOLEDO	68	46	75	36	57	10	0.47	-0.08	0.22	3.84	76	24.29	88	92	60	0	0	4	0

Weather Data for the Week Ending October 30, 2004

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 Sep 1	PCT. NORMAL SINCE Sep 1	TOTAL IN, SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP		
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	5.0 INCH OR MORE	
OK	YOUNGSTOWN	66	44	73	35	55	8	0.25	-0.26	0.20	8.70	141	39.02	123	95	67	0	0	2	0
	OKLAHOMA CITY	77	59	84	45	68	11	0.83	0.19	0.49	4.91	66	30.04	95	94	60	0	0	4	0
	TULSA	78	60	83	45	69	11	1.31	0.51	0.82	8.58	100	44.03	121	92	66	0	0	3	1
OR	ASTORIA	55	41	59	39	48	-2	1.55	-0.23	0.56	12.77	159	50.13	109	95	83	0	0	6	1
	BURNS	48	30	52	21	39	-1	0.91	0.72	0.44	2.10	184	8.47	105	89	79	0	3	4	0
	EUGENE	55	40	59	34	48	-1	0.92	-0.32	0.51	5.52	115	25.18	74	96	78	0	0	4	1
	MEDFORD	54	39	56	35	46	-4	0.50	0.07	0.37	2.96	148	13.29	107	97	67	0	0	4	0
	PENDLETON	58	40	61	31	49	1	0.11	-0.18	0.08	1.48	96	12.22	128	76	53	0	1	3	0
	PORTLAND	55	44	58	38	49	-2	1.15	0.24	0.42	4.50	102	21.60	84	95	83	0	0	6	0
	SALEM	55	41	57	36	48	-1	1.15	0.15	0.55	5.69	131	26.04	96	96	81	0	0	5	1
PA	ALLENTOWN	58	42	63	38	50	2	0.40	-0.34	0.36	12.68	169	42.83	113	87	67	0	0	2	0
	ERIE	63	46	75	41	54	5	1.01	0.16	0.51	9.28	110	37.82	108	91	73	0	0	3	1
	MIDDLETOWN	59	45	67	41	52	1	0.87	0.21	0.71	12.85	205	46.79	139	96	66	0	0	3	1
	PHILADELPHIA	59	48	63	44	53	0	0.55	-0.03	0.55	7.44	115	41.48	117	83	64	0	0	1	1
	PITTSBURGH	67	47	70	38	57	9	0.98	0.46	0.63	13.46	253	51.67	162	93	61	0	0	3	1
	WILKES-BARRE	57	42	67	37	49	2	0.02	-0.62	0.01	11.35	169	38.08	120	95	65	0	0	2	0
	WILLIAMSPORT	60	44	66	40	52	5	0.42	-0.29	0.33	13.04	189	43.68	126	91	69	0	0	2	0
RI	PROVIDENCE	56	41	60	35	49	0	0.08	-0.85	0.08	9.08	126	36.28	96	89	65	0	0	1	0
SC	BEAUFORT	74	58	81	53	66	2	0.04	-0.59	0.03	7.51	92	34.72	79	98	70	0	0	2	0
	CHARLESTON	72	57	83	50	65	3	0.02	-0.56	0.01	5.08	57	36.81	81	98	72	0	0	2	0
	COLUMBIA	72	58	80	54	65	5	0.42	-0.23	0.41	7.86	118	35.90	86	96	77	0	0	2	0
	GREENVILLE	69	58	80	52	64	8	0.27	-0.58	0.21	12.14	158	36.11	85	99	79	0	0	3	0
SD	ABERDEEN	55	37	59	21	46	6	0.86	0.55	0.55	5.35	161	21.75	115	91	77	0	3	3	1
	HURON	58	38	72	24	48	6	4.05	3.75	1.89	11.39	347	31.37	161	98	71	0	3	4	2
	RAPID CITY	60	36	78	31	48	6	0.41	0.15	0.34	3.32	141	13.32	86	87	51	0	3	2	0
	SIoux FALLS	61	38	71	29	50	8	0.05	-0.34	0.02	6.03	138	30.08	133	95	75	0	2	4	0
TN	BRISTOL	72	53	76	43	62	11	1.04	0.54	0.57	9.37	179	41.48	120	99	60	0	0	4	1
	CHATTANOOGA	79	60	82	53	69	13	0.20	-0.59	0.11	12.29	166	45.35	102	94	62	0	0	3	0
	KNOXVILLE	76	59	78	49	67	13	0.65	0.01	0.37	7.93	143	44.73	113	95	61	0	0	4	0
	MEMPHIS	83	66	87	57	74	15	0.75	-0.14	0.38	5.81	90	39.45	92	89	54	0	0	3	0
	NASHVILLE	78	61	83	51	70	15	0.47	-0.24	0.22	9.46	150	48.11	124	92	56	0	0	3	0
TX	ABILENE	76	61	85	51	69	8	3.11	2.58	1.48	7.52	133	30.78	146	94	69	0	0	5	3
	AMARILLO	71	47	78	34	59	6	0.19	-0.10	0.17	7.02	216	22.49	123	88	41	0	0	2	0
	AUSTIN	87	68	88	63	77	11	0.52	-0.31	0.29	8.44	126	42.76	151	91	64	0	0	4	0
	BEAUMONT	87	70	88	68	78	12	0.34	-0.64	0.24	5.97	57	48.53	98	96	59	0	0	6	0
	BROWNSVILLE	90	72	90	70	81	9	0.00	-0.60	0.00	6.03	68	26.49	108	94	57	5	0	0	0
	CORPUS CHRISTI	91	72	93	68	82	12	0.01	-0.63	0.01	9.45	108	33.13	116	94	53	7	0	1	0
	DEL RIO	82	70	85	66	76	9	1.37	1.04	1.18	6.31	161	23.65	144	89	80	0	0	6	1
	EL PASO	73	51	78	44	62	2	0.12	0.03	0.10	1.29	56	9.76	120	80	40	0	0	3	0
	FORT WORTH	82	66	85	54	74	12	1.16	0.31	1.15	5.76	91	40.94	139	86	58	0	0	2	1
	GALVESTON	86	78	86	77	82	11	0.03	-0.66	0.03	7.13	79	37.30	102	83	66	0	0	1	0
	HOUSTON	89	72	90	69	80	13	0.55	-0.47	0.55	3.07	36	51.33	129	93	58	1	0	1	1
	LUBBOCK	76	52	80	38	64	8	0.03	-0.22	0.02	7.74	187	25.98	151	90	54	0	0	2	0
	MIDLAND	76	57	79	47	66	6	0.18	-0.07	0.13	8.20	208	16.99	127	89	61	0	0	3	0
	SAN ANGELO	78	61	84	54	69	8	0.83	0.41	0.44	6.95	130	24.64	132	91	71	0	0	4	0
	SAN ANTONIO	88	72	89	69	80	13	3.53	2.70	3.53	10.68	160	35.06	124	93	55	0	0	1	1
	VICTORIA	89	69	90	66	79	10	0.15	-0.61	0.10	7.00	77	54.29	156	94	65	1	0	3	0
	WACO	83	69	86	59	76	12	0.98	0.27	0.70	10.27	161	47.57	171	91	75	0	0	3	1
	WICHITA FALLS	81	59	88	45	70	10	0.31	-0.26	0.13	3.94	64	29.35	116	99	64	0	0	4	0
UT	SALT LAKE CITY	51	39	64	35	45	-3	1.10	0.77	0.36	3.47	124	12.56	91	89	58	0	0	7	0
VT	BURLINGTON	53	30	61	25	41	-3	0.17	-0.52	0.16	3.45	51	32.59	107	91	55	0	6	2	0
VA	LYNCHBURG	64	52	80	48	58	6	0.20	-0.49	0.12	8.70	123	29.86	81	97	72	0	0	2	0
	NORFOLK	63	51	79	46	57	0	0.09	-0.64	0.09	5.22	71	45.08	114	98	73	0	0	1	0
	RICHMOND	65	51	82	44	58	4	0.19	-0.55	0.14	8.13	110	52.82	141	96	77	0	0	5	0
	ROANOKE	66	53	80	49	59	6	0.19	-0.49	0.13	14.12	207	42.02	116	94	71	0	0	3	0
	WASH/DULLES	62	46	75	38	54	3	0.16	-0.58	0.12	6.87	98	31.64	90	93	70	0	0	2	0
WA	OLYMPIA	54	36	57	31	45	-1	1.09	-0.27	0.46	8.65	142	31.89	92	96	87	0	2	7	0
	QUILLAYUTE	55	38	59	32	46	-2	3.07	0.21	1.20	19.88	145	62.75	87	97	84	0	1	7	3
	SEATTLE-TACOMA	54	43	56	38	49	0	0.08	-0.92	0.05	5.63	120	23.74	93	88	74	0	0	2	0
	SPOKANE	50	34	53	29	42	0	0.02	-0.31	0.01	1.88	108	12.62	104	90	57	0	2	2	0
	YAKIMA	57	32	63	24	44	0	0.02	-0.13	0.01	1.17	136	7.52	130	86	58	0	5	2	0
WV	BECKLEY	66	50	72	41	58	9	0.61	0.05	0.33	8.73	153	43.50	123	96	71	0	0	5	0
	CHARLESTON	72	52	76	43	62	11	0.46	-0.18	0.27	11.18	187	48.20	131	95	56	0	0	4	0
	ELKINS	67	44	75	38	56	10	1.16	0.52	0.53	7.47	115	46.46	119	94	54	0	0	5	2
	HUNTINGTON	73	54	78	43	64	13	0.10	-0.56	0.04	12.33	229	45.44	128	92	56	0	0	5	0
WI	EAU CLAIRE	58	45	75	37	52	10	2.06	1.59	0.70	8.05	138	29.74	102	94	65	0	0	5	3
	GREEN BAY	60	45	72	40	52	9	1.61	1.11	1.32	5.73	111	30.78	121	95	74	0	0	5	1
	LA CROSSE	61	46	76	40	54	9	1.08	0.61	0.38	5.81	107	38.89	135	96	65	0	0	4	0
	MADISON	62	47	74	40	55	11	0.35	-0.15	0.19	4.22	82	36.45	126	89	69	0	0	4	0
	MILWAUKEE	64	48	75	39	56	9	0.50	-0.07	0.20	2.02	36	29.40	99	91	72	0	0	4	0
WY	CASPER	51	32	62	29	41	0	0.20	-0.02	0.09	2.56	126	9.18	80	89	69	0	4	4	0
	CHEYENNE	54	34	65	30	44	4	0.03	-0.08	0.03	3.47	167	12.49	88	70	60	0	2	1	0
	LANDER	50	30	58	26	40	0	0.05	-0.23	0.02	2.22	93	13.20	113	75	49	0	5	3	0
	SHERIDAN	54	29	63	25	41	1	0.30	0.04	0.16	3.29	123	9.60	73	90	59	0	5	2	0

Based on

Crop Progress and Condition

Week Ending October 31, 2004

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

Winter Wheat Percent Planted				
	Oct 31 2004	Prev Week	Prev Year	5-Yr Avg
AR	28	17	67	56
CA	25	19	24	26
CO	100	100	100	100
ID	99	94	100	98
IL	80	61	90	91
IN	82	76	92	90
KS	93	88	95	95
MI	98	93	96	96
MO	48	39	75	77
MT	100	99	99	97
NE	99	98	100	100
NC	37	24	38	36
OH	90	82	92	94
OK	92	89	95	87
OR	94	85	81	83
SD	100	97	100	99
TX	83	82	88	82
WA	99	98	100	99
18 Sts	89	85	92	89
These 18 States planted 91% of last year's winter wheat acreage.				

Corn Percent Harvested				
	Oct 31 2004	Prev Week	Prev Year	5-Yr Avg
CO	42	37	85	75
IL	86	81	87	89
IN	80	72	63	74
IA	62	47	87	82
KS	85	81	96	96
KY	95	92	93	96
MI	51	34	39	53
MN	45	28	95	84
MO	85	81	92	93
NE	59	45	75	78
NC	100	99	99	93
ND	13	9	92	79
OH	61	48	48	60
PA	63	55	46	57
SD	33	21	82	71
TN	99	99	99	99
TX	94	92	98	98
WI	41	26	65	61
18 Sts	65	55	81	80
These 18 States harvested 94% of last year's corn acreage.				

Cotton Percent Bolls Opening				
	Oct 31 2004	Prev Week	Prev Year	5-Yr Avg
AL	99	98	99	100
AZ	100	100	100	100
AR	100	100	97	99
CA	99	99	100	100
GA	98	97	96	97
LA	100	100	100	100
MS	100	100	100	100
MO	100	100	98	100
NC	100	100	97	99
OK	95	94	98	98
SC	99	97	91	96
TN	100	100	97	99
TX	87	75	93	96
VA	100	100	93	97
14 Sts	94	89	96	98
These 14 States planted 98% of last year's cotton acreage.				

Cotton Percent Harvested				
	Oct 31 2004	Prev Week	Prev Year	5-Yr Avg
AL	54	41	63	64
AZ	50	28	41	52
AR	65	56	72	81
CA	75	60	58	65
GA	57	44	46	54
LA	89	75	97	90
MS	85	78	90	85
MO	57	48	65	81
NC	64	53	32	40
OK	43	34	48	52
SC	53	45	34	48
TN	51	42	56	77
TX	31	26	38	47
VA	51	40	37	45
14 Sts	53	44	53	60
These 14 States harvested 98% of last year's cotton acreage.				

Sunflowers Percent Harvested				
	Oct 31 2004	Prev Week	Prev Year	5-Yr Avg
CO	55	41	77	60
KS	47	32	78	81
ND	14	12	93	75
SD	35	28	87	82
4 Sts	25	19	89	76
These 4 States harvested 87% of last year's sunflower acreage.				

Winter Wheat Percent Emerged				
	Oct 31 2004	Prev Week	Prev Year	5-Yr Avg
AR	18	9	47	33
CA	11	7	9	11
CO	100	99	89	94
ID	65	54	69	68
IL	66	38	59	68
IN	62	44	69	69
KS	79	70	80	82
MI	76	56	74	75
MO	37	23	54	54
MT	90	82	83	76
NE	97	92	97	98
NC	15	10	20	21
OH	76	55	68	76
OK	82	76	85	73
OR	76	60	46	46
SD	91	78	79	83
TX	69	62	72	62
WA	92	85	89	91
18 Sts	77	68	76	74
These 18 States planted 91% of last year's winter wheat acreage.				

Soybeans Percent Harvested				
	Oct 31 2004	Prev Week	Prev Year	5-Yr Avg
AR	68	63	73	71
IL	86	81	94	94
IN	90	87	90	90
IA	97	95	99	97
KS	74	73	71	86
KY	56	53	66	73
LA	92	83	89	90
MI	70	65	92	83
MN	93	91	99	97
MS	99	97	96	91
MO	62	57	72	80
NE	96	91	97	95
NC	15	12	16	22
ND	82	81	100	98
OH	80	73	90	89
SD	95	90	99	96
TN	49	45	57	61
WI	77	67	95	88
18 Sts	84	80	90	89
These 18 States harvested 96% of last year's soybean acreage.				

Crop Progress and Condition

Week Ending October 31, 2004

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

Sorghum Percent Mature				
	Oct 31 2004	Prev Week	Prev Year	5-Yr Avg
AR	100	100	100	98
CO	89	82	100	99
IL	100	100	99	99
KS	94	90	90	97
LA	100	100	100	100
MO	99	97	98	100
NE	99	95	100	100
NM	44	32	63	90
OK	75	71	90	92
SD	100	97	100	100
TX	92	89	82	94
11 Sts	93	89	89	96
These 11 States planted 97% of last year's sorghum acreage.				

Sorghum Percent Harvested				
	Oct 31 2004	Prev Week	Prev Year	5-Yr Avg
AR	100	100	100	100
CO	40	25	63	65
IL	82	79	65	86
KS	52	43	64	80
LA	100	100	100	100
MO	70	64	82	88
NE	61	43	79	83
NM	11	5	25	38
OK	60	54	68	73
SD	71	54	94	84
TX	69	66	69	84
11 Sts	62	55	70	82
These 11 States harvested 97% of last year's sorghum acreage.				

Peanuts Percent Harvested				
	Oct 31 2004	Prev Week	Prev Year	5-Yr Avg
AL	87	75	93	89
FL	94	91	97	96
GA	85	72	90	90
NC	95	91	85	79
OK	76	62	83	79
TX	39	33	43	49
VA	98	87	93	95
7 Sts	77	68	81	81
These 7 States harvested 97% of last year's peanut acreage.				

Sugarbeets Percent Harvested				
	Oct 31 2004	Prev Week	Prev Year	5-Yr Avg
ID	84	64	78	76
MI	68	36	89	78
MN	98	94	99	99
ND	97	96	100	100
4 Sts	90	80	94	92
These 4 States planted 84% of last year's sugarbeet acreage.				

Cotton Crop Condition by Percent					
	VP	P	F	G	EX
AL	10	16	26	30	18
AZ	0	0	22	45	33
AR	0	1	16	42	41
CA	0	0	5	55	40
GA	9	19	39	29	4
LA	1	12	34	47	6
MS	1	6	17	49	27
MO	0	1	24	54	21
NC	0	1	20	66	13
OK	2	1	35	52	10
SC	0	5	21	63	11
TN	0	1	10	53	36
TX	3	8	22	48	19
VA	0	7	25	53	15
14 Sts	3	7	22	47	21
Prev Wk	3	8	23	47	19
Prev Yr	8	12	27	38	15

Winter Wheat Crop Condition by Percent					
	VP	P	F	G	EX
AR	0	1	35	55	9
CA	0	0	40	20	40
CO	1	3	17	45	34
ID	0	0	19	64	17
IL	1	2	27	66	4
IN	1	2	34	53	10
KS	1	2	15	66	16
MI	3	9	36	44	8
MO	0	0	26	69	5
MT	0	3	25	55	17
NE	0	3	34	52	11
NC	0	0	8	66	26
OH	0	2	23	57	18
OK	0	3	17	55	25
OR	0	0	17	69	14
SD	0	4	23	61	12
TX	0	2	17	45	36
WA	0	2	28	62	8
18 Sts	0	2	20	57	21
Prev Wk	0	2	22	56	20
Prev Yr	6	13	32	41	8

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

NA - Not Available
 * - Revised

National crop conditions for selected States are weighted based upon the year 2003 planted acres.

Crop Progress and Condition

Week Ending October 31, 2004

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

Pasture and Range Crop Condition by Percent Week Ending October 31, 2004											
	VP	P	F	G	EX		VP	P	F	G	EX
AL	2	12	38	44	4	NH	0	0	8	92	0
AZ	42	21	18	14	5	NJ	0	0	75	25	0
AR	4	13	36	42	5	NM	6	14	38	39	3
CA	55	30	15	0	0	NY	1	10	42	39	8
CO	5	20	46	26	3	NC	1	2	17	65	15
CT	0	8	32	60	0	ND	18	19	35	26	2
DE	0	0	11	83	6	OH	3	8	25	49	15
FL	0	15	45	39	1	OK	1	6	28	55	10
GA	1	6	37	51	5	OR	4	28	35	32	1
ID	1	11	43	45	0	PA	2	11	23	48	16
IL	2	10	39	42	7	RI	0	0	10	90	0
IN	4	18	40	35	3	SC	0	2	27	64	7
IA	5	20	35	34	6	SD	11	20	33	31	5
KS	5	20	37	33	5	TN	0	4	23	62	11
KY	1	9	32	48	10	TX	2	7	31	47	13
LA	4	17	42	36	1	UT	3	13	38	44	2
ME	0	0	40	55	5	VT	0	18	50	32	0
MD	2	7	20	45	26	VA	0	3	20	48	29
MA	0	0	10	90	0	WA	0	4	34	61	1
MI	7	27	39	24	3	WV	1	8	31	53	7
MN	2	10	36	45	7	WI	4	10	39	41	6
MS	10	21	37	29	3	WY	36	23	24	13	4
MO	1	9	33	49	8	48 Sts	8	14	32	39	7
MT	19	26	34	17	4						
NE	16	26	30	27	1	Prev	9	15	32	38	6
NV	5	21	50	24	0	Prev	16	23	29	27	5

National Agricultural Summary

October 25 - 31, 2004

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Above-normal temperatures prevailed across the eastern two-thirds of the Nation, with temperatures averaging over 6 degrees Fahrenheit above normal throughout the Corn Belt, Ohio Valley, Delta, and across much of the Great Plains and Atlantic Coast States. The warm weather was favorable to winter wheat emergence, and summer crop development was mostly complete in these areas. Meanwhile, cool weather from the Rocky Mountains

westward limited winter wheat emergence and summer crop maturation, though showers caused only minimal fieldwork delays. Despite mostly dry weather, harvesting advanced slowly in the High Plains. Moderate precipitation fell across the middle and upper Mississippi Valley, hindering harvest of summer crops. Along the Gulf and Atlantic Coasts, dry weather prevailed, aiding in the cotton harvest.

Corn: Growers had harvested 65 percent of their acreage, 16 percentage points behind last year and 15 points behind the 5-year average. Harvest progress remained well behind normal in the northern Corn Belt and northern Great Plains. Despite harvesting 17 percent of their crop during the week, Minnesota growers remained 2 weeks behind their normal pace. Progress was also 2 weeks behind normal in South Dakota, while North Dakota growers, hampered by moderate but persistent rainfall, were over 3 weeks behind normal.

Winter Wheat: Planting advanced to 89 percent complete, 3 points behind last year but the same as normal. Seventy-seven percent of the crop had emerged, compared with 76 percent last year and 74 percent for the 5-year average. Planting was at or near completion in the Rocky Mountains, while progress was behind normal in the Mississippi Valley, with Missouri producers trailing their normal pace by 2 weeks. Meanwhile, the crop emerged steadily in the Corn Belt, with emergence advancing 28 points in Illinois and 18 points or more in Indiana, Michigan, and Ohio.

Soybeans: Harvest, at 84 percent complete, was 6 points behind last year and 5 points behind normal. Harvesting was hampered by frequent showers across much of the growing area, advancing only 4 points nationwide during the week. Growers harvested 9 percent of their acreage in Louisiana, 7 percent in Ohio, and 10 percent in Wisconsin but were limited to 5 percent or less elsewhere.

Cotton: Bolls were open on 94 percent of the acreage, compared with 96 percent last year and 98 percent for the 5-year average. Harvest advanced to 53 percent complete, the same as last year but 7 points behind normal. Bolls opening was at or near completion in all States, except Texas, where the stage was just 87 percent complete, over 2 weeks behind normal. Despite frequent showers, harvest advanced 22 points in Arizona and 15 points in California. Meanwhile, dry conditions across the Southeast allowed harvest to progress steadily, advancing 14 points in

Louisiana and 13 points in Alabama and Georgia. However, growers in Missouri and Tennessee were over 2 weeks behind their normal harvest pace, while Texas growers were 3 weeks behind.

Sorghum: Ninety-three percent of the crop had reached maturity, 4 points ahead of last year but 3 points behind normal. Producers had harvested 62 percent of the crop, compared with 70 percent last year and 82 percent for the 5-year average. Harvest was most active in the northern and central Great Plains, advancing 18 points in Nebraska, 17 points in South Dakota, and 15 points in Colorado. Growers were over 2 weeks behind their normal harvest pace in Kansas, Missouri, and New Mexico, while Texas producers were 6 weeks behind normal.

Other Crops: The peanut harvest advanced to 77 percent complete, 4 points behind last year and the 5-year average. Harvest neared completion in North Carolina, at 95 percent, and Virginia, at 98 percent, with progress ahead of normal in both States. However, harvest was behind the normal pace elsewhere, despite advancing 12 points in Alabama, 13 points in Georgia, and 14 points in Oklahoma.

Ninety percent of the sugar beet crop had been harvested, compared with 94 percent last year and 92 percent for the 5-year average. Harvest neared completion in the Red River Valley, at 98 percent complete in Minnesota and 97 percent complete in North Dakota. Michigan growers harvested nearly one-third of their acreage during the week but were 10 points behind normal.

Sunflower growers had harvested 25 percent of their acreage, 64 points behind last year and 51 points behind normal. With delayed maturation due to the cool summer, harvest progress was nearly 3 weeks behind normal nationwide. Kansas growers were over 2 weeks behind normal, while growers in the Dakotas trailed the normal pace by 3 weeks.

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 Weather and Crop Bulletins published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service. The crop weather reports are also available on the Internet through the NASS Home Page on the World Wide Web at <http://www.usda.gov/nass/> or from JAWF at <http://www.usda.gov/oce/waob/jawf>.

ALABAMA: Days suitable for fieldwork was 4.9. Topsoil 1% very short, 7% short, 67% adequate, 25% surplus. Corn 97% harvested, 100% 2003, 99% avg. Soybeans 99% dropping leaves, 96% 2003, 97% avg.; 50% harvested, 50% 2003, 48% avg.; condition 6% very poor, 6% poor, 12% fair, 71% good, 5% excellent. Pasture feed 2% very poor, 12% poor, 38% fair, 44% good, 4% excellent. Livestock condition 1% very poor, 2% poor, 12% fair, 64% good, 21% excellent. Harvest has been slow due to rainy weather, fog, and lower temperatures and more rain is forecast.

ALASKA: DATA NOT AVAILABLE

ARIZONA: Temperatures for the State were below normal for the last week of October. Cotton 50% harvest acreage, ahead of 2003 41% average, but slightly behind the 52% 5-yr avg. Alfalfa condition remains mostly good. Precipitation was reported at 16 of the 17 reporting stations, ranging from 2.20 inches in Flagstaff to 0.15 inches in Tucson.

ARKANSAS: Days suitable for fieldwork 4. Soil 0% very short, 1% short, 70% adequate, 29% surplus. Soybeans 100% yellowing, 99% 2003, 96% 5-yr avg.; 97% shedding, 93% 2003, 95% 5-yr avg.; 93% matured, 86% 2003, N/A% 5-yr avg.; 68% harvested, 73% 2003, 71% 5-yr avg. Cotton 65% harvested, 72% 2003, 81% 5-yr avg. Rice 99% harvested, 99% 2003, 99% 5-yr avg. Winter wheat 28% planted, 67% 2003, 56% 5-yr avg.; 18% emerged, 47% 2003, 33% 5-yr avg.; condition 0% very poor, 1% poor, 35% fair, 55% good, 9% excellent. Pasture, Range feed 4% very poor, 13% poor, 36% fair, 42% good, 5% excellent. CROPS: Rain continued to delay harvest of both soybeans, cotton, the planting of winter wheat. The harvest of rice was almost completed. Pecan harvest has begun. LIVESTOCK: Livestock are in overall good condition, producers have begun to vaccinate calves. Warm weather, moisture have allowed pastures to improve. Fertilizing of cool weather forages has also been initiated.

CALIFORNIA: Ground preparation, planting of small grains, winter forage was gradually gaining momentum as many fields continue to dry out. Soil preparation activities included leveling, tilling, irrigation. Earlier emerged plantings showed vigorous growth. Wet soil conditions hampered the cotton harvest as it neared completion. Growers were concerned about the effect of recent rains on quality, yields. Harvested fields were being shredded, disced. Rice harvesting was complete or nearly complete in most areas with good yields reported. Straw was baled in a number of fields. Dry bean harvesting resumed in some fields where soil conditions allowed. Wet soil continued to delay sugar beet, soybean, vineseed harvesting. Corn harvesting for seed, feed, human consumption was also hindered by recent rainfall. Harvesting of corn for silage was mostly complete. Growers expected some losses on recent alfalfa cuttings due to rainfall. Planting was winding down in most areas. Recently planted alfalfa showed strong growth. Harvesting of potatoes, sweet potatoes continued as weather conditions permitted. Raisin grape harvesting was completed. Most growers of dried-on-the-vine raisins had harvested their vineyards before the rain began. Picking, packing continued in a few table grape vineyards. Some late maturing varieties were covered with plastic to protect against the rain. Stone fruit growers were waiting for orchard conditions to improve before continuing with pruning, shredding, brushing operations. Some orchards were pushed out due to age, poor conditions, and were to be replaced with new varieties when weather conditions allowed. Harvesting of pomegranates continued, good yields were reported. The rain may have caused some damage but the extent was still unknown. Apples, persimmons, kiwifruit were also harvested, with some rain damage of kiwifruit reported. Strawberries in the San Joaquin Valley continued to be picked for sale at roadside stands. Harvesting of early Navel orange varieties accelerated, but was

stopped temporarily by the rain. Fruit were coloring nicely thanks to cooler nighttime temperatures. Lemon, Mandarin orange harvesting was also disrupted by rain. Fungicide treatments were applied to citrus orchards as weather permitted. A few olives in northern areas of the State remained to be harvested. Growers continued to spray for olive fruit fly. Pistachios, pecans, walnuts continued to be harvested in many locations, but the season was winding down. Harvesting in orchards with nuts on the ground was suspended again due to continued heavy rains. Between rains, growers applied herbicides to almond, pistachio orchards. Rain, muddy fields slowed or suspended vegetable field work in many areas. Planting of cauliflower and broccoli occurred as conditions permitted. Some tomato, cauliflower fields were sprayed with fungicides. Discing, preparations for fall, spring planting continued. There were some problems with lodging in sweet corn fields due to the rain, wind in Fresno County. Harvesting the last of the green tomatoes occurred in the San Joaquin Valley. Eggplant, freezer lima beans, broccoli, green bean, head lettuce, peppers, pickle cucumbers, spinach, squash, sweet corn, fresh market tomatoes, pumpkins continued to be harvested. Harvesting of cabbage, romaine lettuce was underway in Tulare County. The following vegetables were also harvested: basil, bitter melon, bok choy, carrots, cauliflower, daikon, gai choy, gailon, jujube, kale, kohlrabi, lemon grass, long beans, moqua, opo, parsley, sinqua, snap beans, sugar cane, taro leaf, various herbs. Additional rain proved very beneficial to winter pastures. Mild daytime temperatures, a lack of frost at night was helping to boost new grass growth on the foothills. Many cattle continued to receive supplemental feed. Fall calving continued. Sheep were grazing in alfalfa fields, harvested tomato fields, on fallow land in the central, northern valleys. Fall lambing had begun. Feeder lambs were grazing on alfalfa pastures in the Southern State desert.

COLORADO: Days suitable for fieldwork 5.6. Top soil 7% very short, 27% short, 64% adequate, 2% surplus. Subsoil 20% very short, 34% short, 45% adequate, 1% adequate. Most parts of the state did not receive any precipitation last week, experienced temperatures that were slightly warmer than normal. The exception was the western slope that had above average rainfall, normal temperatures for the week. Sunflower condition 1% very poor, 1% poor, 14% fair, 54% good 30% excellent. Alfalfa hay 4th cutting 75%, 83% 2003, 83% avg.; condition 3% very poor, 8% poor, 36% fair, 38% good, 15% excellent. Dry beans 91% harvested, 99% 2003, 100% avg. Dry onions 99% harvested, 100% 2003, 100% avg. Sugar beets 80% harvested, 80% 2003, 73% avg.; condition 1% poor, 16% fair, 57% good, 26% excellent.

DELAWARE: Days suitable for fieldwork 6.7. Topsoil 97% adequate, 3% surplus. Subsoil 97% adequate, 3% surplus. Soybeans 34% harvested, 34% 2003, 39% avg. Sorghum 92% harvested, 88% 2003, 62% avg. Barley condition 72% good, 28% excellent; 89% planted, 91% 2003, 80% avg. Winter wheat condition 19% fair, 48% good, 33% excellent; 67% planted, 65% 2003, 51% avg. Pasture feed 11% fair, 83% good, 6% excellent. Other hay 4th cutting 80%, 88% 2003, 83% avg.; 4th cutting 88%, 88% 2003, 95% avg.; 5th cutting 37%, 22% 2003, 37% avg. Apples 96% harvested, 91% 2003, 94% avg. Hay supplies 20% short, 78% adequate, 2% surplus. Weather conditions were favorable for finishing up corn for grain harvest, making good progress on soybean harvest. Sorghum harvest was over 90% complete, up slightly from last year. Planting of barley was almost complete with 89% planted. A small amount of progress was made for other hay fourth cutting and alfalfa hay fourth cutting. The apple harvest is complete with 96% harvested. Planting of winter wheat increased 22% from 45% to 67% planted. Hay supplies was rated adequate to short.

FLORIDA: Topsoil 20% short, 70% adequate, 10% surplus. Subsoil 5% short, 80% adequate, 15% surplus. Temperature average: 1 to 9th above normal major stations, 1st below normal, West Palm Beach. Highs:

80s. Lows: 50s, 60s. Recorded rainfall: less than 0.10 in. to 1.00 in. Peanuts 94% harvested; 97% 2003, 96% 5-yr avg. Peanut digging nearing end, most Panhandle, northern Peninsula localities. Santa Rosa County: cotton picking about 50% finished. Jefferson County: most cotton lying down, matted from storms, making picking difficult, inefficient. Warm weather caused most deciduous nursery stock to hold foliage, some northern Peninsula, Panhandle areas. Cool mornings, hot afternoons made hay baling difficult, northern Peninsula. Sugarcane harvesting getting underway, Lake Okeechobee. Recent low rainfall drying out soils with most soil moisture supplies short to adequate; surplus supplies reported some areas of Madison, Union, Marion, Lake Okeechobee counties; less than 1% very short, mainly along extreme southeastern coast. Fall vegetable harvesting gained momentum, central, southern Peninsula localities. Tomato harvesting active, Quincy; beginning central, southern areas. Okra harvesting continued. Collard, mustard, turnip plantings expected to begin late December, Union County. Producers marketing light supplies of sweet corn, cucumbers, squash, watermelons. Harvesting of snap beans, eggplant, peppers, getting underway. Hot, dry across citrus producing counties. Groves drying out in all areas. Small growth on most varieties. Good color on earlies, mids, early tangerines. Packing houses taking earlies, white, colored grapefruit, early tangerines. Few processing plants open. Pasture feed 15% poor, 45% fair, 39% good, 1% excellent. Cattle condition 5% poor, 50% fair, 40% good, 5% excellent. Statewide: range condition, pasture mostly fair. Panhandle: land preparation, small grain seeding well underway. North: cool season forages being planted, planted winter grazing needs rain. Central: pasture feed fair to excellent, small grains for winter pasture being planted where field work possible. Southwest: pasture feed poor to good, short soil moisture hurting grass growth in several counties. Statewide: cattle condition mostly fair.

GEORGIA: Days suitable for field work 5.9. Soil 11% short, 84% adequate, 5% surplus. Peanuts 95% dug, 97% 2003, 97% avg. Rye 56% planted, 63% 2003, 62% avg. Sorghum 71% harvested for grain, 75% 2003, 74% avg. Soybeans 3% very poor, 9% poor, 44% fair, 39% good, 5% excellent; 94% dropping leaves, 93% 2003, 92% avg. Wheat 43% fair, 56% good, 1% excellent. Other small grains 45% planted, 49% 2003, 48% avg. Onions 0% transplanted, 1% 2003, 1% avg. Apples 92% harvested, 88% 2003, 93% avg. Pecans 21% very poor, 37% poor, 26% fair, 15% good, 1% excellent; 17% harvested, 20% 2003, 17% avg. A week of favorable weather allowed producers to make good progress with fall harvest. Harvesting peanuts, cotton was the top priority for the producers since rains had ceased. However, in the East Central area, unusually foggy, damp weather delayed harvest. Soil moisture 11% short, 84% adequate, 5% surplus. In the South Central area some reports indicate peanut, pecan, cotton yields may be lower than anticipated. Soybean harvest continued. Hay producers were harvesting their last cutting of hay. Planting of small grains for grain, /or winter grazing continued. Apple harvest was nearing completion. There were reports of TSWV damage in fields of late planted greens. Activities Included: The routine care of livestock, poultry and preparing land for planting winter crops.

HAWAII: Crops made poor to good progress during the week. A lingering storm system generated frequent showers in windward areas during the first half of the week. Fields remained muddy for most of the week as cloudy skies, light winds prevented fields from drying. Farming activity was limited to harvesting in some areas. Humid conditions also made fieldwork uncomfortable. Trade winds returned briefly at midweek before another mass of unstable air resulted in additional showers over the weekend. Weekend showers were particularly heavy over Oahu. Crop progress varied by location, type of crop. Bananas made generally good progress although heavy showers slowed harvesting in some areas. Papayas made steady progress; spraying for disease control increased due to daily showers. Vegetables in the upper-elevation areas of Waimea, Kula made good to fair progress as most of the inclement weather bypassed those areas.

IDAHO: Days Suitable for Fieldwork 4.4. Topsoil 4% very short, 14% short, 78% adequate, 4% surplus. The temperature reading fell below normal, some precipitation in the form of rain, snow was received for most of the state. These rain, snow storms limited farmers in the amount of fieldwork able to be done this past week. Some areas of the state saw a good, soaking rain before the first hard freeze of Winter

2004. Livestock are being moved off of the range, are reported to be in good condition going into winter. Ranchers have started shipping calves out. Field corn harvested for grain 42%, 60% 2003, 46% avg. Alfalfa hay – 4th cutting harvested 100%, 99% 2003, 97% avg. Activities Included: Caring for, moving livestock to winter pastures, fall soil preparation, planting winter wheat when conditions permitted, and harvesting hay and sugarbeets.

ILLINOIS: Days suitable for fieldwork 2.6. Topsoil 3% short, 63% adequate, 34% surplus. Rain fell across the state again last week with all districts receiving above normal precipitation. Strong winds reportedly broke-off corn stalks in Northern areas. In addition to harvest activities, farmers were planting wheat, tilling, applying lime, fertilizer between intermittent rains, and caring for livestock.

INDIANA: Days suitable for fieldwork 3.5. Topsoil 1% very short, 6% short, 73% adequate, 20% surplus. Subsoil 2% very short, 20% short, 72% adequate, 6% surplus. Showers slowed field activities in some areas of the state. Strong winds over the weekend caused lodging in some corn fields. Farmers made some progress harvesting corn, soybeans. Many farmers have completed harvesting of corn, soybeans. Corn harvest is 3 days ahead of average. Soybean harvest is on par with last year, the average pace at 90% complete. Some elevators are still limiting deliveries of corn, soybeans. Moisture content of corn harvested is averaging about 17%. Moisture content of soybeans harvested is averaging about 12.0%. Fall tillage has occurred in many fields. Winter wheat emergence and growth continues to improve. Pastures are greening up, improving. Temperatures averaged 10° to 14° above normal for the week. Precipitation averaged 0.00 to 2.06 inches. Soybeans virtually all mature except for very late planted drowned out areas. Pastures 4% very poor, 18% poor, 40% fair, 35% good, 3% excellent. Livestock are in mostly good condition. Activities: Attending FSA offices for LDP sign up, tillage of soils, repairing, cleaning up equipment, chopping stalks, harvesting popcorn, sorting, weaning calves, spreading lime, fertilizer, hauling manure and taking care of livestock.

IOWA: Days suitable for fieldwork 3.7. Topsoil 6% very short, 16% short, 68% adequate, 10% surplus. Subsoil 8% very short, 21% short, 64% adequate, 7% surplus. Agricultural Summary: Last week's cool, wet weather slowed harvest progress to a crawl. Many farmers were unable to make substantial progress due to the weather. Extensive waits, /or shortened hours at elevators also slowed progress. Reporters speculated the remainder of the harvest would continue at an unusually slow pace. Field Crops Report: The corn acreage harvested for grain or seed reached 62%, 10 days behind 2003 average of 87% harvested, 9 days behind the 5-yr avg 82%. All field corn 20% moisture, 19% harvested, 44% lodging none, 31% light, 19% moderate, 6% heavy, 61% ear droppage none, 27% light, 11% moderate, 1% heavy. Fall fertilizer application in preparation for the 2005 season was 20% complete statewide. Grain movement from farm to elevator 17% none, 26% light, 37% moderate, 20% heavy. Off-farm grain storage availability 50% short, 48% adequate, 2% surplus. On-farm grain storage availability 59% short, 39% adequate, 2% surplus. Hay, roughage availability 6% short, 77% adequate, 17% surplus. Utilization of stubble fields for grazing 41% none, 31% light, 24% moderate, 4% heavy. Livestock, Pasture, Range Report: Pasture, range feed 5% very poor, 20% poor, 35% fair, 34% good, 6% excellent.

KANSAS: Days suitable for fieldwork 4.0. Topsoil 1% very short, 12% short, 75% adequate, 12% surplus. Subsoil 8% very short, 34% short, 57% adequate, 1% surplus. Alfalfa 4th cutting 93%, 84% 2003, 94% avg. Range, pasture feeds 5% very poor, 20% poor, 37% fair, 33% good, 5% excellent. Feed grain supplies 2% very short, 5% short, 80% adequate, 13% surplus. Hay, forage supplies 1% very short, 6% short, 78% adequate, 15% surplus. Stock water supplies 2% very short, 16% short, 80% adequate, 2% excellent.

KENTUCKY: Days suitable fieldwork 2.5. Topsoil 1% very short, 2% short, 69% adequate, 28% surplus. Subsoil 1% very short, 9% short, 76% adequate, 14% surplus. Temperatures averaged 66° across the State, 12° above normal. Burley tobacco already stripped 33%, 26% 2003, 29% avg. Housed tobacco condition 1% very poor, 4% poor, 20%

fair, 57% good, 18% excellent. Corn, soybean harvest slowed last week due to the wet weather but yield indications remain mostly good to excellent. Above normal rainfall statewide for a third week had resulted in good winter wheat germination where the wheat has been seeded. Winter wheat 43% seeded, 76% 2003, 74% avg.; condition 1% very poor, 1% poor, 18% fair, 62% good, 18% excellent. Range, pasture feed 1% very poor, 9% poor, 32% fair, 48% good, 10% excellent.

LOUISIANA: Days suitable for fieldwork 6.3. Soil 27% short, 71% adequate, 2% surplus. Pecans 37% harvested, 25% last week, 35% 2003, 30% avg. Soybeans 100% dropping leaves, 98% last week, 99% 2003, 100% avg. Sugarcane 3% very poor, 20% poor, 46% fair, 22% good, 9% excellent; 32% harvested, 21% last week, 40% 2003, 36% avg. Sweet potatoes 70% harvested, 56% last week, 92% 2003, 84% avg. Wheat 32% planted, 17% last week, 35% 2003, 42% avg.; 4% emerged, 2% last week, 18% 2003, 20% avg. Livestock 1% very poor, 3% poor, 37% fair, 56% good, 3% excellent. Vegetable 8% very poor, 14% poor, 45% fair, 31% good, 2% excellent.

MARYLAND: Days suitable for fieldwork 5.1. Topsoil 12% short, 79% adequate, 9% surplus. Subsoil 2% very short, 8% short, 83% adequate, 7% surplus. Corn for 87% grain harvested, 82% 2003, 85% avg. Soybeans 94% dropping leaves, 87% 2003, 95% avg.; 39% harvested, 39% 2003, 47% avg. Sorghum 84% harvested, 82% 2003, 73% avg. Barley condition 3% very poor, 4% poor, 8% fair, 54% good, 31% excellent; 90% planted, 89% 2003, 91% avg. Winter wheat condition 2% very poor, 2% poor, 8% fair, 56% good, 32% excellent; 70% planted, 70% 2003, 64% avg. Pasture feed 2% very poor, 7% poor, 20% fair, 45% good, 26% excellent. Tobacco 21% stripped, 21% 2003, 23% avg. Other hay 4th cutting 86%, 89% 2003, 89% avg. Alfalfa hay 4th cutting 89%, 76% 2003, 89% avg.; 5th cutting 35%, 12% 2003, 46% avg. Apples 93% harvested, 94% 2003, 94% avg. Hay supplies 6% very short, 13% short, 73% adequate, 8% surplus. Clouds covered much of the state last week with air temperatures in the 60's, precipitation mainly in the Western part of the state. Corn for grain 87% harvest complete, up 5% from last week. Soybean harvest was 39% complete, on target with last year. Sorghum 84% harvest complete, up slightly from last year, the five-year average. Good progress was made in planting small grains. Apple harvest was complete with 93% harvested.

MICHIGAN: Days suitable for fieldwork 5. Subsoil 6% very short, 37% short, 54% adequate, 3% surplus. Corn 2% very poor, 10% poor, 28% fair, 43% good, 17% excellent. Potatoes 98% harvested, NA 2003, NA avg. Apples 97% harvested, NA 2003, NA avg. Farmers encountered a wide variety of conditions over week. Scattered rain showers slowed harvest some areas, other locations able to make decent progress. Gustly winds over weekend led to concern over lodging in corn crop, potential damage to late planted soybeans. Temperatures warmed up considerably over week. Averages ranged from 4° above normal western Upper Peninsula to 9° above normal southeast Lower Peninsula. Most areas received rainfall over week, totals highly variable depending on location. Precipitation amounts ranged from 0.55 inches south central Lower Peninsula to 1.14 inches northwest Lower Peninsula. Progress reports mixed across State. Some farmers able to make decent harvest progress; for other growers, inclement weather put a damper on harvesting, fieldwork. Many areas still faced high moisture levels in late planted corn. Farmers delaying harvest in hope that crop would continue to dry down. Scattered rainfall across State made soybean harvest difficult. Like corn crop, farmers had made good progress on early plantings, now waiting on later planted fields. Sugarbeet growers able to make good progress. Winter wheat continued to make good progress. Planting near completion, rain over week helped crop emerge. Apple growers involved in orchard cleanup activities, tree trimming throughout State last week. Overall, State's fruit growers had a generally favorable season during 2004. Harvest of fall vegetable crops across State nearly wrapped up. Potato harvest complete southeast nearing completion most other districts. Celery harvest nearly finished, only a few acres left. For most farmers, pumpkin picking wrapped up over weekend. Carrot harvest ongoing. Late cabbage looked good.

MINNESOTA: Days suitable for fieldwork 3.3. Topsoil 0% very short, 3% short, 67% adequate, 30% surplus. Corn 23% moisture, 15% 2003,

17% avg.; 45% harvested, 95% 2003, 84% avg. Soybeans 93% harvested, 99% 2003, 97% avg. Pasture feed 2% very poor, 10% poor, 36% fair, 45% good, 7% excellent. Corn 2% very poor, 5% poor, 24% fair, 49% good, 20% excellent. Sunflowers 19% very poor, 12% poor, 45% fair, 23% good, 1% excellent. Scattered showers across the state this past week slowed harvest activities for the remaining field crops. Soybean harvest is nearing completion while corn, sunflowers continue to lag well behind their respective five year averages. Drier field conditions are needed to improve crop harvest.

MISSISSIPPI: Days suitable for fieldwork 4.9. Soil 1% very short, 16% short, 64% adequate, 19% surplus. Cotton 85% harvested, 90% 2003, 85% avg. Rice 100% harvested, 100% 2003, 97% avg. Soybeans 99% harvested, 96% 2003, 91% avg. Wheat 34% planted, 82% 2003, 60% avg.; 21% emerged, 64% 2003, 34% avg. Sweetpotatoes 83% harvested, 96% 2003, 94% avg. Cattle 3% very poor, 7% poor, 20% fair, 55% good, 15% excellent. Pasture 10% very poor, 21% poor, 37% fair, 29% good, 3% excellent. Harvesting activities resumed late in the week with farmers concerned about crop quality due to soggy soils, not being able to harvest the crop in a timely manner. The moisture has allowed for winter wheat, ryegrass pastures to grow, herbicides are being used to control winter, summer annual weeds. Several county agents in southern State have received reports from farmers about blast showing up in early planted ryegrass fields.

MISSOURI: Days suitable for fieldwork 2.0. Topsoil 3% very short, 3% short, 54% adequate, 40% surplus. Subsoil 3% very short, 9% short, 78% adequate, 10% surplus. Several days of wet weather sharply limited row crop harvesting throughout the State. Ground intended for spring crops worked at least once 33%, 26% 2003, 25% avg. Corn harvesting varies from 69% in the northeast district, followed by the north-central district at 79% and northwest at 83%, to all harvested in the southern third of the State. Soybean harvesting varies from 43% in the southwest district, 47% south-central, 50% west-central, to 69% in the east-central, 74% in the northwest. Sorghum harvesting varies from 32% harvested in the northeast district, 48% central, to 100% in the southeast district. Cotton harvesting at 57% is 3 days behind the slow pace of 2003, 17 days behind average. Wheat planting ranges from 27% in the west-central district to 60% in the southwest district. Reporters in some areas are concerned that the wet conditions may delay further planting until too late for the new seedlings to get established before winter. Pastures 1% very poor, 9% poor, 33% fair, 49% good, 8% excellent, with fall growth continuing to improve with the ample moisture, unseasonably warm temperatures. Rainfall over the State averaged 1.95 inches, ranging from less than 1.5 inches in the northwest, east-central, south-central, southeast districts to 3.61 inches in the southwest district.

MONTANA: Days suitable for fieldwork were 5.0. Topsoil 11% very short, 31% short, 54% adequate, 4% surplus, 2003 41% very short, 41% short, 17% adequate, 1% surplus. Subsoil 35% very short, 35% short, 30% adequate, 0% surplus, 2003 70% very short, 26% short, 4% adequate, 0% surplus. The state experienced similar temperatures to last week's with limited precipitation throughout the State for the week ending October 31st, 2004. Winter wheat is 100% seeded, 90% emerged, 2003 99% and 83%, respectively. Winter wheat condition is 0% very poor, 3% poor, 25% fair, 55% good, 17% excellent. Durum wheat 95% harvested, which are behind 2003 100%. Sugar beet harvested is currently at 88%, 2003 98% complete. Dry bean 98% harvest, 2003 progress of 100%. Potato 99% harvest complete, 2003 98% complete. Other hay 2nd cutting complete 97%. Range, pasture feed 19% very poor, 26% poor, 34% fair, 17% good, 4% excellent, 2003 44% very poor, 34% poor, 18% fair, 4% good, 0% excellent. Movement of cattle, calves from summer ranges 75%, 2003 82%. Movement of sheep, lambs from summer ranges 83%, 2003 84%. Seventeen percent of the cattle, 19% of the sheep are being supplemental fed.

NEBRASKA: Days suitable for fieldwork 5.2. Topsoil 7% very short, 30% short, 62% adequate, 1% surplus. Subsoil 25% very short, 36% short, 39% adequate, 0% surplus. Temperatures for the week ending October 31, 2004 averaged from 3 to 12° above normals. Precipitation was statewide but scattered, light, with only one report exceeding one-half inch. The last alfalfa condition rating of the season showed 9%

very poor, 15% poor, 33% fair, 36% good, 7% excellent. Producer activities this past week centered around fall harvest.

NEVADA: A low pressure system moved slowly across the State, keeping temperatures below normal. Temperatures averaged 3 to 7° below normal for the week, but were sharply colder at the end of the week. Precipitation was moderate, falling as rain in most areas with light snow in the north-central, northeastern areas. Mountain snow pack continued to pace heavier than normal. Winnemucca recorded .66 inch of precipitation, Ely .47 inch, Elko .29 inch. Reno and Las Vegas recorded .03 inch and .12 inch, respectively. Fieldwork was about done for the year with rains, hard frosts common. Fall seeded crops were in good condition following recent rains. Cattle shipping was active, as was hay shipping. Livestock were on winter pastures, feeding was increasing. Onion, Potato, garlic shipping continued. Equipment maintenance was common and grower meetings were being held.

NEW ENGLAND: Days suitable for field work 6.4. Topsoil 2% short, 94% adequate, 4% surplus. Subsoil moisture 5% short, 95% adequate. Pasture feed 13% poor, 27% fair, 60% good. Massachusetts Potatoes 100% harvested, 100% 2003, 99% avg. Field Corn 100% harvested, 100% 2003, 99% avg. Hay 3rd Crop 100% harvested, 99% 2003, 95% avg. Apples 99% harvested, 99% 2003, 99% avg. Pears 100% harvested, 100% 2003, 100% avg. Massachusetts Cranberries 99% harvested, 95% 2003, 95% avg. Temperatures were seasonable during the week mixed with light precipitation over the weekend. Activities Included: Harvesting apples, cranberries; finishing harvest of pears, potatoes, silage corn; spreading manure; cleaning equipment to put away for winter.

NEW JERSEY: Days suitable for field work 6.0. Soil 100% adequate. There was some rainfall across most of the state during the week. Fieldwork included harvesting field corn for grain, soybeans, fruit, and vegetables. Soybean harvest was slow in some localities because beans were not dry enough due to weather conditions. Planting of fall harvest cover crops continued where conditions allowed. Spinach was planted to overwinter. Apple harvest neared completion in the central district. Cranberry harvest was winding up. Pasture feed was generally fair.

NEW MEXICO: Days suitable for fieldwork 6.5. Topsoil 12% very short, 33% short, 55% adequate. A somewhat mixed bag of fall weather during the week brought scattered showers to just about all locations, with the southwest areas receiving nearly an inch while the northern, central mountains averaged near one half inch from a mix of snow, rain. Temperatures reflected the variable weather with the southwest, southeast counties running 2 to 4° warmer than normal, while northern districts were cool at 2 to 4° below normal. Farmers spent the week harvesting chile, corn, cotton, hay, peanuts, sorghum as the irrigation season finished. Alfalfa conditions 7% very poor, 21% poor, 25% fair, 41% good, 6% excellent. Wet conditions slowed harvest, many will not get a 7th cutting with the 6th cutting at 84% complete and the 7th at 30% complete. Red chile harvest continued with 43% harvested to date. Cotton conditions declined slightly as rains caused some cotton to be strung out, bolls were slow to open in some fields. Cotton harvest was reported at 14% compared to the 5 year average of 34%. Corn harvest was well underway with 68% of the crop harvested. Sorghum conditions 1% poor, 44% fair, 52% good, 3% excellent; 44% mature, 11% harvested by week's end. Peanut harvest continued 44% harvested. Lettuce 46% harvested. Wheat was in fair to good condition with some replanting. Ranchers were shipping livestock, mending fences, moving cattle from summer pastures during the week. Cattle conditions 7% poor, 31% fair, 58% good, 4% excellent. Sheep conditions 9% poor, 33% fair, 53% good, 5% excellent. Pasture feeds 6% very poor, 14% poor, 38% fair, 39% good, and 3% excellent.

NEW YORK: A warm, dry week permitted grain corn, silage corn harvests to progress rapidly. Temperatures ranged as high as 10° above normal and most regions received less than one-half inch of rainfall. Vegetable harvesting was limited to fall crops such as pumpkins, squash, cabbage. Onions were being graded and packed. Apple and grape picking neared completion. Apples were being moved

into storage. Potato growers continued grading, packing operations. Pasture feeds seasonally declined and supplemental feed was required.

NORTH CAROLINA: Days suitable for field work 4.6. Soil 1% very short, 9% short, 75% adequate, 15% surplus. Activities Included: Planting small grains, harvesting apples, peanuts, sorghum, sweet potatoes, cutting hay, cutting Christmas trees, preparing equipment for winter storage, general farm maintenance. Above normal temperatures dominated the end of the week with highs ranging from 74 to 82°. Precipitation was below normal, but most areas experienced foggy conditions during the week which hindered harvest progress for soybeans, cotton. Overall crop harvest progress for the State is ahead of the 5-year average.

NORTH DAKOTA: Days suitable for fieldwork 2.0. Topsoil 6% very short, 15% short, 64% adequate, 15% surplus. Subsoil 12% very short, 18% short, 60% adequate, 10% surplus. Rain, cool temperatures during the week hampered late season crop harvest. While rains were welcome in the southwestern areas, precipitation over most of the state virtually stopped harvest. Durum wheat 92% combined, 100% 2003, 100% average. Dry Edible Beans 85% harvested, 100% 2003, 99% average. Flaxseed 89% combined, 100% 2003, 100% average. Emerged crop conditions ratings: Sunflower 12% very poor, 17% poor, 36% fair, 32% good, 3% excellent. Corn 13% very poor, 16% poor, 26% fair, 37% good, 8% excellent. Stockwater supplies 7% very short, 14% short, 75% adequate, 4% surplus. Range, pasture feeds 18% very poor, 19% poor, 35% fair, 26% good, 2% excellent.

OHIO: Days suitable for field work 4.5. Topsoil 1% very short, 4% short, 84% adequate, 11% surplus. Alfalfa hay 4th cutting complete 88%, 98% 2003, 98% avg. Apples 89% harvested (fall), 94% 2003, 92% avg. Corn 61% harvested for grain, 48% 2003, 60% avg.; 97% silage harvested, 100% 2003, 100% avg. Grapes 97% harvested, 87% 2003, 97% avg. Other hay 3rd cutting complete 96%, 100% 2003, 100% avg. Soybeans 98% mature, 100% 2003, 100% avg.; 80% harvested, 90% 2003, 89% avg. Winter wheat 90% planted, 92% 2003, 94% avg.; 76% emerged, 68% 2003, 76% avg. Corn condition 2% very poor, 5% poor, 18% fair, 43% good, 32% excellent. Livestock condition 1% very poor, 3% poor, 13% fair, 64% good, 19% excellent. Pasture feed 3% very poor, 8% poor, 25% fair, 49% good, 15% excellent. Winter Wheat condition 0% very poor, 2% poor, 23% fair, 57% good, 18% excellent. Frequent showers fell across the state this past week as the month of October came to an end. Farmers continue harvesting corn, soybeans but progress has slowed over the past few weeks due to excess rainfall. Producers planted winter wheat, applied fertilizer, herbicides, while others harvested some last minute pumpkins for Halloween. Growers have just about finished harvesting corn silage and other hay.

OKLAHOMA: Days suitable for fieldwork 3.7. Topsoil 3% very short, 7% short, 76% adequate, 14% surplus. Subsoil 8% very short, 17% short, 71% adequate, 4% surplus. Rye 1% very poor, 3% poor, 15% fair, 57% good, 24% excellent. Oats 3% poor, 26% fair, 65% good, 6% excellent; 89% seedbed prepared, 85% last week, 89% 2003, 90% avg.; 48% planted, 44% last week, 57% 2003, 57% avg.; 40% emerged, 38% last week, 48% 2003, 41% avg. Corn 97% harvested, 92% last week, 96% 2003, 98% avg. Sorghum 1% poor, 40% fair, 49% good, 10% excellent. Soybeans 86% mature, 85% last week, 87% 2003, 91% avg.; 60% harvested, 57% last week, 61% 2003, 71% avg. Peanuts 4% poor, 20% fair, 64% good, 12% excellent; 76% dug, 62% last week, 83% 2003, 79% avg. Alfalfa hay 3% very poor, 2% poor, 27% fair, 54% good, 14% excellent; 85% 5th cutting, 83% last week, 71% 2003, 57% avg.; 40% 6th cutting, 33% last week, n/a 2003, n/a avg. Livestock 1% poor, 16% fair, 64% good, 19% excellent. Pasture, Range 1% very poor, 6% poor, 28% fair, 55% good, 10% excellent. Livestock: Condition of livestock continues to be good to excellent, with a low to average death loss. Insect activity is light to moderate. Producers were beginning to bring in stocker cattle for grazing on small grain pastures. Prices for feeder steers less than 800 pounds dropped a few cents to \$115.44 per cwt. while prices for feeder heifers less than 800 pounds went down forty-eight cents to \$108.32 per cwt.

OREGON: Days suitable for fieldwork 5.2. Topsoil 4% very short, 20% short, 73% adequate, 3% surplus. Subsoil 7% very short, 31%

short, 60% adequate, 2% surplus. Winter wheat 94% planted, 81% 2003, 83% 5 yr avg.; 76% emerged, 46% 2003, 46% 5 yr avg.; conditions 17% fair, 69% good, 14% excellent. Range, Pasture 4% very poor, 28% poor, 35% fair, 32% good, 1% excellent. Activities: Cold, rainy weather across the State put a halt to many field operations last week. In western State, the weather was mostly cold, wet with some sunshine. Greater than normal rain helped Jackson County pastures. In eastern State, the weather was cooler, wetter than last week. Wasco County reported several nights of freezing temperatures in high elevation areas, while Lake County had some snow. High temperatures were mostly in the fifties with some low sixties. Low temperatures ranged in the twenties, thirties, with some temperatures as low as eighteen in south central areas of the State. Fall seeding was virtually complete, most crops had emerged by last week. A few producers applied fertilizer, pesticides between rain showers. Sugarbeet, corn harvest was stopped by the wet weather in Malheur County. Many hay producers in Wasco County were busy bringing in their crops from the fields. Most fruits, nuts have been harvested. There were still a few late pears, apples, late season grapes to pick. Hazelnut harvest was virtually complete; a few walnuts may remain to pick. Trees with evident eastern filbert blight were pruned. Some fall copper sprays were applied to apples, stone fruits in Yamhill County. Nursery shipments have picked up, digging of bare root material is underway. Greenhouses are busy with holiday plants, fall outdoor decorative plants. Christmas tree growers are planning harvest of trees, getting equipment ready for harvest. Due to the cooler weather, there was a limited amount of fall vegetables available for harvest. The pumpkin supply was plentiful throughout the week but was coming to a close. Cole crops were going to the processors in Washington County. Potatoes in Klamath County were 99% harvested. Malheur County had rain showers early in the week, which slowed the harvest of onions. Pastures, rangeland were reported in good fall condition across the State. Fall growth continued in areas where temperatures remained warm. With adequate moisture available, pastures in many areas will continue active growth until frost hits. Producers were moving livestock in fall pasture rotations, supplemental feeding continued. Livestock were reported in good condition heading into the winter months throughout the State.

PENNSYLVANIA: Days suitable for field work 4.0. Soil 73% adequate, 27% surplus. Fall plowing 87% complete, 61% 2003, 74% avg. Corn 63% harvested, 46% 2003, 57% avg. Barley 94% emerged, 77% 2003, 85% avg. Winter wheat 87% planted, 80% 2003, 87% avg.; 56% emerged, 56% 2003, 69% avg.; condition 8% fair, 72% good, 20% excellent. Soybeans 37% harvested, 46% 2003, 50% avg. Alfalfa 4th cutting 89% complete, 77% 2003, 87% avg. Quality of hay made 1% very poor, 20% poor, 41% fair, 29% good, 9% excellent. Pasture feeds 2% very poor, 11% poor, 23% fair, 48% good, 16% excellent. Activities Included: Plowing; finishing the 4th cutting of hay; feeding livestock; harvesting corn, soybeans; applying stored manure; and making machinery and building repairs.

SOUTH CAROLINA: Days suitable for field work 5.5. Soil 1% very short, 12% short, 86% adequate, 1% surplus. Peanuts 79% harvested, 79% 2003, 79% avg.; 2% poor, 22% fair, 61% good, 15% excellent. Sorghum 99% matured, 99% 2003, 99% avg.; 86% harvested, 86% 2003, 86% avg. Cotton 99% open bolls, 91% 2003, 96% avg.; 53% harvested, 34% 2003, 58% avg.; 5% poor, 21% fair, 63% good, 11% excellent. Pastures 2% poor, 27% fair, 64% good, 7% excellent. Soybeans 95% leaves turning color, 95% 2003, 94% avg.; 71% leaves dropped, 71% 2003, 69% avg.; 48% mature, 44% 2003, 47% avg.; 19% harvested, 20% 2003, 19% avg.; 4% poor, 23% fair, 60% good, 13% excellent. Tobacco 99% stalks destroyed, 100% 2003, 100% avg. Apples 95% harvested, 97% 2003, 94% avg. Pecans 34% harvested, 33% 2003, 31% avg. Livestock 1% poor, 19% fair, 65% good, 15% excellent. Winter grazing 80% planted, 71% 2003, 73% avg., 69% emerged, 51% 2003, 57% avg.; 2% poor, 26% fair, 71% good, 1% excellent. Winter wheat 45% planted, 41% 2003, 30% avg.; 35% emerged, 32% 2003, 21% avg.; 1% poor, 21% fair, 74% good, 4% excellent. Barley 65% planted, 64% 2003, 61% avg.; 49% emerged, 45% 2003, 42% avg.; 20% fair, 80% good. Oats 58% planted, 52% 2003, 54% avg.; 35% emerged, 36% 2003, 39% avg.; 22% fair, 78% good. Rye 59% planted, 57% 2003, 53% avg.; 45% emerged, 42% 2003, 39% avg.; 2% poor, 36% fair, 62% good.

SOUTH DAKOTA: Days suitable for fieldwork 3.9. Topsoil 5% very short, 15% short, 72% adequate, 8% surplus. Subsoil 14% very short, 20% short, 63% adequate, 3% surplus. Feed supplies 11% very short, 18% short, 66% adequate, 5% surplus. Stock water supplies 16% very short, 23% short, 58% adequate, 3% surplus. Sunflower 11% very poor, 11% poor, 37% fair, 36% good, 5% excellent; 96% mature, 100% 2003, 100% avg.; 35% harvested, 87% 2003, 82% avg. Sorghum 71% harvested-grain, 94% 2003, 84% avg. Cattle condition 2% poor, 17% fair, 63% good, 18% excellent. Sheep condition 3% poor, 13% fair, 63% good, 21% excellent. Range, Pasture 11% very poor, 20% poor, 33% fair, 31% good, 5% excellent. Wet weather continued to delay harvest progress for many farmers, ranchers last week. With precipitation received in many areas throughout the state, corn moisture remains too high for harvest, wet fields continue to postpone harvest of sorghum, sunflowers. Activities Included: Combining row crops, fall tillage, working cattle, and caring for livestock.

TENNESSEE: Days suitable for fieldwork 2. Topsoil 4% short, 71% adequate, 25% surplus. Subsoil 8% short, 77% adequate, 15% surplus. Burley 51% stripped, 52% 2003, 43% avg. Winter Wheat 28% seeded, 73% 2003, 56% avg.; 20% emerged, 37% 2003, 22% avg. Pastures 4% poor, 23% fair, 62% good, 11% excellent. For the third consecutive week, rainfall continued to delay harvest, seeding. Producers struggled to make much progress last week, as showers limited the days suitable for fieldwork to only two. The wet weather has limited the amount of 2005 winter wheat acreage sown. Winter wheat seeding progress is close to two weeks behind normal. The rains, however, have provided good moisture for germination, as well as stripping burley tobacco, helping improved pastures. Over half of the burley crop has been stripped, steady with last year and ahead of the normal pace by about four days. Activities Included: Working on equipment, repairing fences, updating farm records. Temperatures across the State averaged above normal for the week.

TEXAS: Agricultural Summary: Conditions for planting, harvesting were mostly undesirable across many areas of the state during the week. Spotted rain showers across many areas of the Plains preventing most farming activities, however some areas remained dry, harvest moved forward. Heavier rainfall occurred in many other areas of the state with some localized flooding, isolated property damage occurring as the result of severe thunderstorms. Maturity in remaining crops was slow as a result of the cloudy, moist conditions. The above average moisture levels continued to benefit small grain producers however, some planting was on hold as the result of the wet conditions. Range, pasture forage growth remained adequate, ample grazing for livestock continued, however dormancy continued with the decrease in day length, cooler conditions. Forage growth was still active in extreme southern locations. Small Grains: Good moisture conditions, warm temperatures have produced excellent growing conditions for small grains in most areas of the state. Producers were able to begin grazing some earlier planted fields. A few locations were experiencing problems with green bugs, army worms. Wheat condition 91% normal, compared with 63% 2003. Corn: Corn harvest continued, but was slow in some wetter locations. In a few locations across the plains, drying down remained necessary in late planted fields. Cotton: Cotton harvest was slow or stalled in many areas as the result of wet field conditions. Maturity was running behind in some areas of the plains as adequate heat units were not available for continued development. Re-growth remained a problem for some producers as wet conditions made stalk destruction impossible. Some minor losses were reported as the result of heavy rainfall. Cotton condition 79% normal, compared with 52% 2003. Sorghum: Harvest continued in areas of the plains where weather conditions permitted. Drying down was still needed in some late planted fields. Peanuts: Peanut harvest remained slow across most areas of the state due to the rainy conditions. Early planted fields were producing well, however some late planted fields needed further development. Peanut condition 86% normal, compared with 83% 2003. Rice: Harvest of the Ratoon crop was slow due to the cloudy humid conditions. Commercial Vegetables, Fruit, Pecans In the Rio Grande Valley early planted vegetables continued to make good progress. Harvest of early citrus remained active. In the San Antonio-Winter Garden, land preparation continued for later plantings of vegetables. Irrigation of earlier planted carrots, onions, cabbage was active. Spinach planting was winding down but, earlier planted fields needed cooler weather. Some problems with insect populations occurred in isolated locations.

In East State, harvest of sweet potatoes continued, however other remaining vegetables crops were mostly harvested. In the High Plains pumpkin harvest was nearing completion. In the Trans Pecos region, harvest of watermelons, potatoes continued. Pecans: Pecan conditions were variable across the state. Some producers reported varied degrees of nut drop, some web worm infestations were also reported. Generally, producers expected an average production season. Livestock, Range and Pasture Report: Generally, range, pastures across the state were in good condition. Forage growth continued in central, southern locations, but dormancy was beginning in some northern locations. Supplemental feeding was minimal in all areas. Livestock condition around the state was good as the result of a good forage season. Some producers began grazing small grain fields. Hay production remained active in many areas, supplies were believed to be adequate for the upcoming winter months. Some producers were experiencing problems with army worm infestations, but control measures were minimal.

UTAH: Days suitable for field work 3. Subsoil 5% very short, 22% short, 69% adequate, 4% surplus. Irrigation water supplies 23% very short, 35% short, 41% adequate, 1% surplus. Winter wheat 98% planted for harvest 2005, 92% 2003, 95% avg.; 90% emerged, 58% 2003, 75% avg.; condition 1% very poor, 1% poor, 10% fair, 63% good, 25% excellent. Corn 97% mature, 100% 2003, 98% avg.; 57% harvested (grain), 77% 2003, 58% avg.; 100% silage, harvested (silage), 100% 2003, 100% avg. Alfalfa hay 4th cutting 100%, 99% 2003, 97% avg. Alfalfa seed 82% harvested, 94% 2003, 89% avg. Onions 100% harvested, 100% 2003, 100% avg. Dry beans 96% harvested, 100% 2003, 100% avg. Cattle, calves moved from summer range 91%, 93% 2003, 96% avg. Cattle, calves condition 0% very poor, 1% poor, 19% fair, 70% good, 10% excellent. Sheep, lambs moved from summer range 94%, 95% 2003, 96% avg. Sheep condition 0% very poor, 0% poor, 11% fair, 86% good, 3% excellent. Stock water supplies 6% very short, 35% short, 59% adequate, 0% surplus. Apples 94% harvested, 89% 2003, 93% avg. A winter weather pattern continued to pound the state last week. The precipitation received in the past two weeks was well above average for this time of year. There have been some reports of flooding, some crop damage, but overall the moisture has been welcomed. The moisture received was not enough to break the drought in all areas but it has definitely been beneficial. Late season crop harvest has been delayed due to the precipitation, cool weather. Some producers continued to finish harvesting late season crop in between rain, snow showers. Range, pasture feeds showed improvement, will benefit from the last two weeks precipitation. Producers continued to pull animals off of summer ranges, but rain and snow have slowed the process.

VIRGINIA: Days suitable for fieldwork 3.7. Topsoil 1% short, 74% adequate, 25% surplus. Subsoil 6% short, 76% adequate, 18% surplus. The week started off cool with drizzle, heavy fog, ended with a pleasantly warm weekend. The weekend high climbed up into the 80s; the low for the week was around 44°. Most of the State received a quarter of inch of rain, except for the western region of the State which experienced about one inch of rain. Farmers were busy harvesting their crops, planting winter grains. Overall, the yields continue to look good for all of the state's crops. Some areas have not yet experienced a frost, are still harvesting a few fall vegetables. Activities Included: Vaccinating cows, calves, breeding sheep, making the last cutting of hay, and building fences.

WASHINGTON: Days suitable for fieldwork was 5.4. Topsoil 10% short, 86% adequate, 4% surplus. Subsoil 2% very short, 20% short, and 78% adequate. Irrigation water supply 100% adequate. The highest temperature in the state was 63° in Yakima. The lowest temperature in the state was 20° in Republic. Winter wheat condition was 2% poor, 28% fair, 62% good, 8% excellent; 99% planted, 92% emerged. Potatoes were 99% harvested. Corn harvested for silage was 99% harvested, corn harvested for grain was 62% harvested. Dry edible beans 100% harvested. Cool temperatures, a little bit of wet weather caused field activities to quiet down. Winter wheat planting was mostly

complete, while potato, corn silage, grain harvests were not far behind. Christmas tree producers continued to prepare fields for harvest. Turfgrass growers took advantage of rainless days to cut, harvest fields. Hay, other roughage supplies 2% short, 89% adequate, 9% surplus. Range, pasture feeds 4% poor, 34% fair, 61% good, 1% excellent. Calves continued to be moved to market. U-pick pumpkin growers finished up another great season with the end of Halloween. Wine grape, apple harvests neared completion. Raspberry fields were being pruned and tied. Commercial blueberry growers mowed cover crops. Processing carrot harvest continued.

WEST VIRGINIA: Days suitable for field work 4.0. Topsoil 80% adequate, 20% surplus, 2003 2% short, 90% adequate, 8% surplus. Corn s 96% mature, 90% 2003, 5-yr avg. unavailable. Corn 62% harvested, 36% 2003, 53% 5-yr avg. Soybeans conditions 2% poor, 19% fair, 77% good, 2% excellent; 63% harvested, 62% 2003, 61% 5-yr avg. Wheat 81% planted, 78% 2003, 72% 5-yr. avg.; 48% emerged, 49% 2003, 46% 5-yr. avg. Apple harvest 89% complete, 90% n 2003, 5-yr. avg. was not available. Cattle, calves 1% poor, 13% fair, 79% good, 7% excellent. Sheep, lambs 1% poor, 9% fair, 84% good, 6% excellent. Activities Included: Plowing, harvesting soybeans, planting wheat, preparing livestock for market and repairing fences.

WISCONSIN: Days suitable for fieldwork 3.3. Soil 2% very short, 8% short, 71% adequate, 19% surplus. Damp Conditions Slow Harvest: Harvest progress was delayed during the past week. Moisture received across the state stopped combines from rolling throughout the week. The average temperature was 9 to 11° above normal. Low temperatures were reported in the upper 30's. High temperatures reached the mid 70's during the week. Northern areas of the state received over an inch of rain, while the south central, southeast received less than an inch. With the damp weather, soil moisture conditions have improved from the previous week. Corn harvest progress slowed with the weather. Reports from northern parts of the state indicated that high moisture corn is still being harvested with better than expected yields. However, more time is needed for the fields to dry before the pace of harvest can accelerate. Harvest in the central areas of the state was also slowed by the weather. High moisture corn is still being harvested there, when the weather allows. There were reports of corn on heavy soils still too wet to harvest. Reporters have commented that yields in the southwest, South Central areas are better than expected. There have been mixed reports on yields in the southeast part of the state. Soybean harvest was slowed by the rains. Soybean yields in the northern parts of the state were reported to be average. In central areas, most of the soybeans that were killed by frost have been harvested. Producers are waiting for the late-planted soybeans to dry down. Muddy fields across much of the state slowed any fall tillage progress.

WYOMING: Days suitable for field work 3.9. Topsoil 13% very short, 30% short, 53% adequate, 4% surplus. Subsoil 26% very short, 34% short, 36% adequate, 4% surplus. Dry beans 88% combined, 98% 2003, 99% 5-yr avg. Corn 86% mature, 100% 2003, 99% 5-yr avg.; 21% harvested, 79% 2003, 62% 5-yr avg.; condition 4% very poor, 5% poor, 15% fair, 74% good, 2% excellent. Sugarbeets 78% harvested, 89% 2003, 92% 5-yr avg. Condition of winter wheat 24% fair, 72% good, 4% excellent. Alfalfa 3rd cutting 91%, 96% 2003, 97% 5-yr avg. Range, pasture feeds 36% very poor, 23% poor, 24% fair, 13% good, 4% excellent. Stock water supplies 22% very short, 30% short, 48% adequate. Temperatures through Friday, October 29 averaged mostly above normal with a few Western areas having below normal amounts. Temperatures ranged from 5.4° below normal in Evanston to 4.5° above normal in Redbird. The highest temperature was 71° in Wheatland, while the lowest temperature was 20° in Deaver and Powell. A trace or more of precipitation was reported throughout the State with some Western areas having below normal amounts. The most precipitation fell in Recluse with 0.93 inch, Afton with 0.84 inch, and Rock Springs with 0.80 inch. Wintery weather over the weekend brought colder temperatures and rain or snow to much of the state.

International Weather and Crop Summary

October 24 - 30, 2004

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

HIGHLIGHTS

NORTHWESTERN AFRICA: In Morocco, Algeria, and Tunisia, widespread rain boosted topsoil moisture for pre-planting preparations.

SOUTH AFRICA: Scattered showers benefited emerging summer crops in eastern growing areas.

MEXICO: Seasonably drier weather favored summer crop maturation and harvesting across central and southern Mexico, while a tropical depression brought showers to the northwest.

EUROPE: Across western Europe, widespread rain continued to boost moisture supplies for winter crop establishment, especially in Italy and Spain.

FSU-WESTERN: Unseasonably warm, dry weather favored corn, sunflower, and sugar beet harvesting in Ukraine and Russia.

MIDDLE EAST: Across central Turkey and western Iran, limited topsoil moisture delayed rainfed winter grain planting.

SOUTH ASIA: Monsoon showers lingered over southern India, but seasonable dryness elsewhere benefited maturing summer crops.

AUSTRALIA: Widely scattered, mostly light showers fell in major agricultural areas across the country, providing minimal benefits for immature winter grains and vegetative summer crops.

SOUTHEAST ASIA: Seasonable showers increased moisture supplies for oil palm in Malaysia and northern Indonesia.

EASTERN ASIA: Mostly dry weather aided drydown and harvesting of summer crops throughout China.

BRAZIL: Copious rain covered most major coffee and soybean areas.

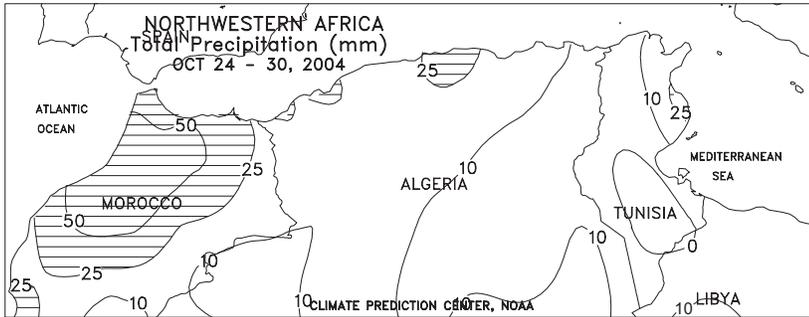
ARGENTINA: Mostly dry weather promoted summer crop planting.

October 2004

MONTHLY DATA FROM SELECTED FOREIGN CITIES
CLIMATE PREDICTION CENTER-NCEP-NWS-NOAA
*** DATA NOT AVAILABLE

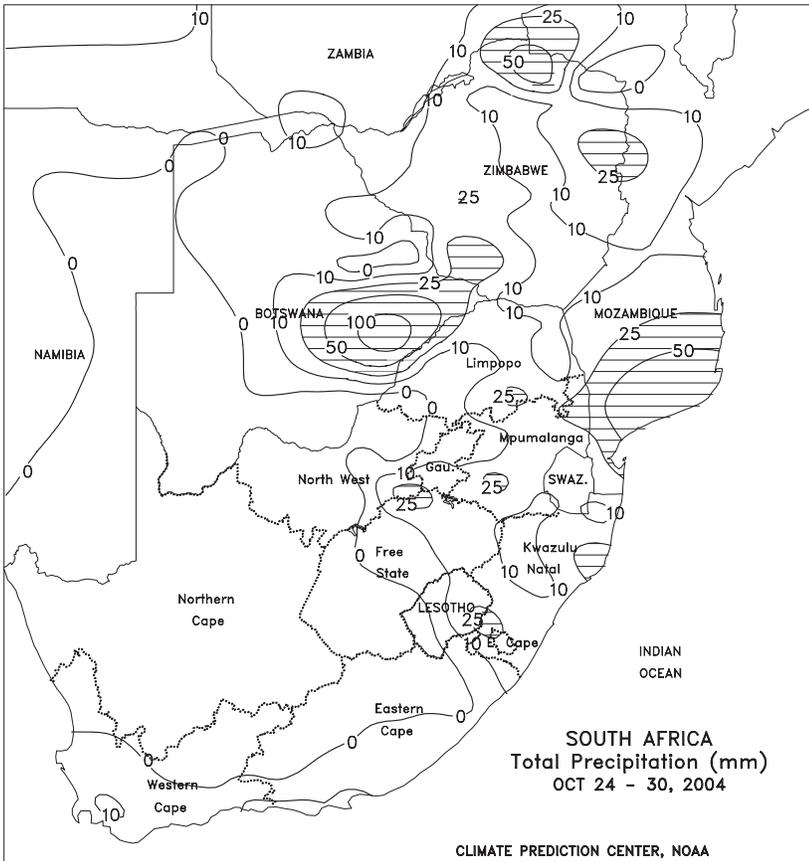
COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
		AVG MAX	AVG MIN	HI	LO	AVG	DPART F/NRMM	TOTAL	DPART F/NRMM
NORWAY	OSLO	8	3	13	-6	5	0.5	83	-9
SWEDEN	STOCKHOLM	10	6	14	0	8	***	46	***
FINLAN	HELSINKI	8	3	14	-4	6	0.5	59	-16
UKINGD	ABERDEEN	12	7	15	0	10	0.5	144	60
	MANCHESTER	14	8	16	4	11	0.2	92	5
	CARDIFF	14	10	17	7	12	-0.2	118	11
	LONDON	15	9	18	4	12	0.5	95	25
IRELAN	DUBLIN	13	7	16	2	10	-1.0	120	47
ICELAN	REYKJAVIK	7	3	13	-3	5	0.4	47	-31
DENMAR	COPENHAGEN	12	8	16	1	10	0.3	79	28
LUXEMB	LUXEMBOURG	14	8	23	3	11	1.3	78	-6
SWITZE	ZURICH	15	9	24	5	12	2.6	159	74
	GENEVA	17	11	26	7	14	3.8	213	122
FRANCE	PARIS/ORLY	17	9	27	5	13	0.8	88	29
	STRASBOURG	16	9	29	4	13	2.4	135	82
	BOURGES	18	10	28	5	14	2.4	91	25
	BORDEAUX	20	12	28	6	16	2.7	100	6
	TOULOUSE	21	13	28	5	17	3.0	162	110
	MARSEILLE	22	15	28	6	19	2.9	121	36
SPAIN	VALLADOLID	19	9	30	3	14	1.0	75	31
	MADRID	21	10	30	3	16	0.7	89	52
	SEVILLE	26	16	36	10	21	1.0	105	51
PORTUG	LISBON	22	15	32	11	18	0.6	105	28
GERMAN	HAMBURG	14	8	19	-1	11	1.1	38	-26
	BERLIN	15	7	25	1	11	1.2	22	-15
	DUSSELDORF	16	9	22	3	13	1.1	52	-24
	LEIPZIG	16	7	26	-1	11	1.1	15	-26
	DRESDEN	15	7	26	-2	11	0.3	45	-1
	STUTTGART	15	7	27	1	11	1.3	86	27
	NURNBERG	15	6	25	0	11	1.8	68	17
	AUGSBURG	15	7	26	-2	11	1.4	62	7
AUSTRI	VIENNA	15	8	23	-1	12	1.1	52	16
	INNSBRUCK	18	8	25	2	13	3.4	60	2
CZECHR	PRAGUE	14	5	25	-3	10	1.7	21	-9
POLAND	WARSAW	14	6	24	-2	10	2.0	39	0
	LODZ	15	7	24	-2	11	1.7	30	-3
	KATOWICE	16	6	23	-2	11	1.6	35	-13
HUNGAR	BUDAPEST	17	8	23	1	12	1.7	52	14
YUGOSL	BELGRADE	20	12	27	4	16	3.3	32	-19
ROMANI	BUCHAREST	20	6	25	1	13	1.2	22	-19
BULGAR	SOFIA	19	8	26	3	14	2.9	49	12
ITALY	MILAN	19	14	26	6	16	3.0	67	-51
	VERONA	19	13	25	6	16	2.8	57	-32
	VENICE	19	13	24	5	16	2.2	95	23
	GENOA	21	17	24	11	19	1.1	88	-87
	ROME	23	15	26	12	19	1.7	90	-26
	NAPLES	24	15	27	12	19	2.2	89	-41
GREECE	THESSALONIKA	22	14	27	11	18	2.1	40	-5
	LARISSA	25	12	32	6	18	2.1	52	4
	ATHENS	25	17	27	13	21	1.4	40	12
TURKEY	ISTANBUL	21	15	26	10	18	1.3	119	52
	ANKARA	21	5	27	-1	13	1.5	7	-24
CYPRUS	LARNACA	30	18	35	15	24	2.0	1	-13
ESTONI	TALLINN	9	4	16	-2	7	0.5	90	17
RUSSIA	ST.PETERSBURG	9	5	15	-1	7	1.3	40	-23
LITHUA	KAUNAS	12	6	20	-4	9	1.7	80	30
BELARU	MINSK	10	5	17	-4	8	1.5	69	17
RUSSIA	KAZAN	7	2	16	-2	4	0.6	64	14
	MOSCOW	8	4	17	-4	6	1.2	84	20
	YEKATERINBURG	4	0	16	-7	2	-0.5	94	55
	OMSK	8	2	21	-7	5	2.2	50	22
KAZAKH	KUSTANAY	9	2	29	-5	5	1.4	67	41
RUSSIA	BARNAUL	11	3	26	-10	7	3.5	19	-22
	KHABAROVSK	10	1	22	-9	5	0.5	43	-6
	VLADIVOSTOK	14	7	21	-1	11	2.0	26	-37
UKRAIN	KIEV	14	6	21	-2	10	1.9	28	-8
	LVOV	15	6	21	-1	10	2.4	35	-18
	KIROVOGRAD	14	5	21	-4	10	0.8	23	-5
	ODESSA	16	11	22	4	13	1.9	49	21
RUSSIA	SARATOV	9	5	21	-1	7	1.7	62	31

Based on Preliminary Reports



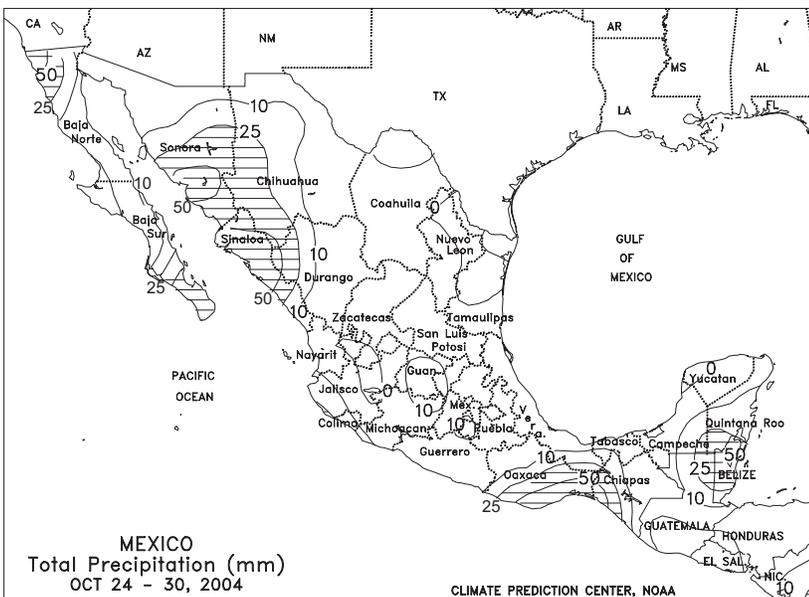
NORTHWESTERN AFRICA

Across Morocco, Algeria, and Tunisia, widespread rain (5-25 mm or more) boosted topsoil moisture for pre-planting preparations. Heavier amounts (25-60 mm) also increased subsoil moisture in Morocco. Temperatures averaged 2 to 5 degrees C above normal. Typically, winter grain planting starts in early- to mid-November and lasts until mid-December.



SOUTH AFRICA

Light to moderate showers (10-45 mm) covered major eastern summer crop areas that included eastern Free State, southern Gauteng, and most farmland stretching from KwaZulu-Natal to Limpopo. The rainfall increased topsoil moisture for summer crop germination but did not significantly improve subsoil moisture, and near- to above-normal temperatures (highs in the upper 20s and lower 30s degrees C) increased evaporative losses. Mostly dry weather continued in western sections of the corn belt, including important white corn areas of North West. Additional rain is needed, especially in these western areas, to ensure even germination of corn and other summer row crops. Elsewhere, dry weather returned to winter wheat areas of Western Cape, improving conditions for unharvested wheat following last week's unseasonable rainfall.



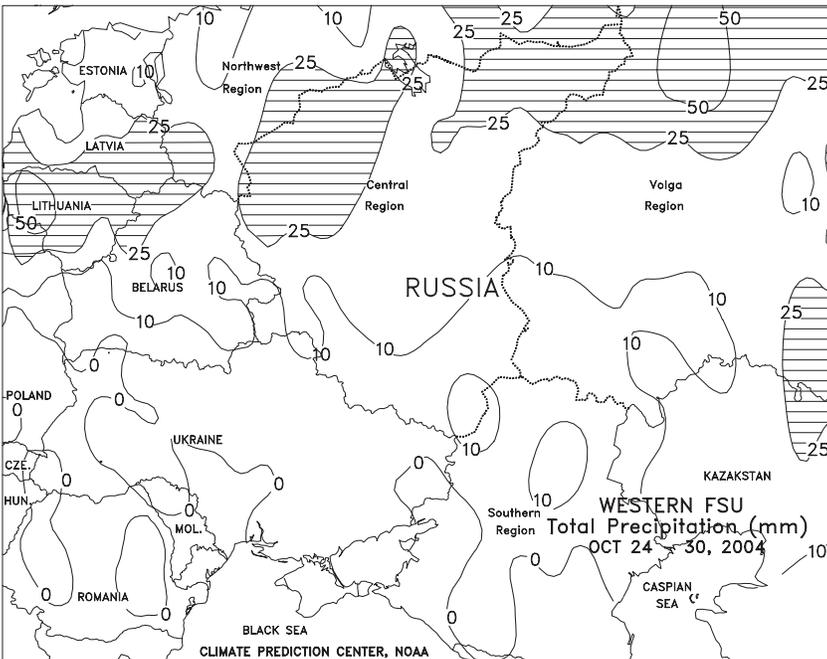
MEXICO

Across the main corn growing areas of central and southern Mexico, seasonably warm, dry weather favored corn, coffee, and sugarcane maturation and harvesting. On October 26, a weak tropical depression brought widespread rain (25-100 mm) to northwestern Mexico, boosting irrigation supplies but slowing winter crop fieldwork. The heaviest rain (over 100 mm) fell in Sinaloa. Temperatures averaged 2 to 5 degrees C above normal across most of Mexico and slightly below normal in the northwest.



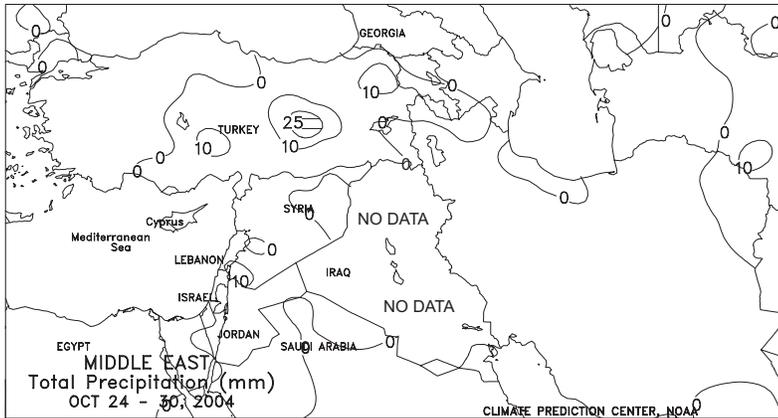
EUROPE

Across western Europe, widespread rain (5-20 mm) continued to boost moisture supplies for winter grain establishment, especially in Spain and Italy. The heaviest rain fell in Portugal (50-180 mm), Spain (15-60 mm), eastern France (50-150 mm), and northern Italy (20-60 mm), causing local flooding and slowing summer crop harvesting. The rain (10-30 mm) also extended into northern Poland. Mostly warm, dry, and sunny weather prevailed from southern Poland southward into the Balkans, where adequate soil moisture existed for winter crop development. Temperatures averaged near normal across Spain and Portugal, 2 to 5 degrees C above normal across the rest of western Europe, and 5 to 8 degrees C above normal across eastern Europe. Maximum temperatures exceeded 20 degrees C across most of central and southern Europe and exceeded 25 degrees C in southern France, southern Italy, and the lower Danube River Valley.



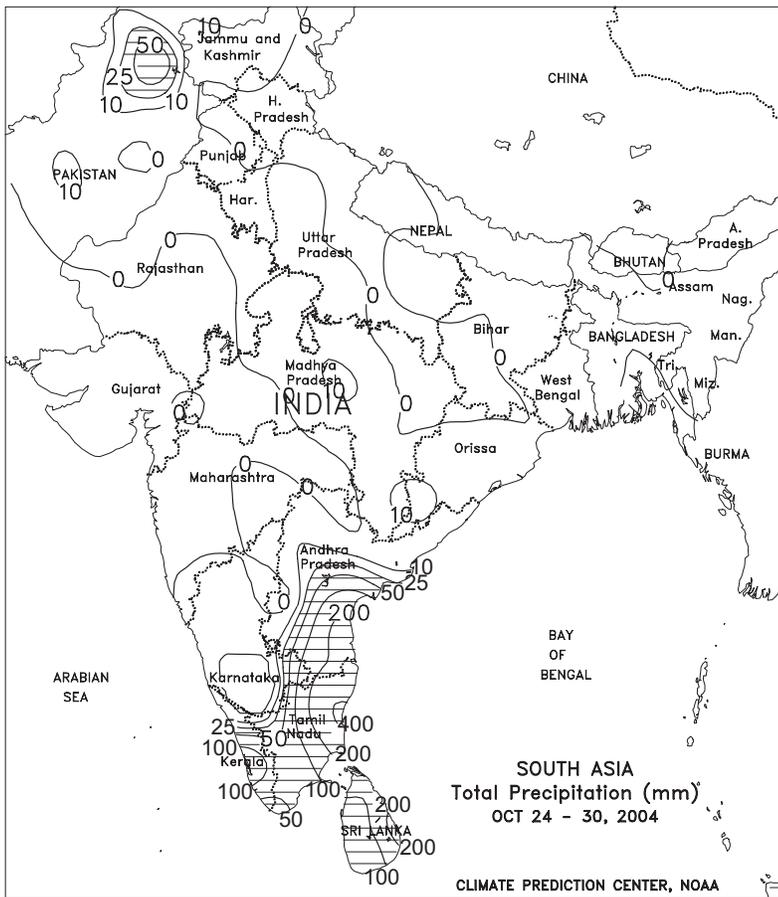
FSU-WESTERN

High pressure dominated the southern half of the region, providing unseasonably warm, dry weather to Ukraine and the southern half of Russia (Southern Region and southern areas in the Central and Volga Regions). While the dryness in these areas helped corn, sunflower, and sugar beet harvesting, the combination of unseasonably mild weather and adequate soil moisture favored winter wheat establishment. Reports from Ukraine as of October 26 indicated that corn for grain and sugar beets were 48 and 86 percent harvested, respectively. The sunflower harvest was nearly completed. The main storm track was located north of the high pressure area, with several storm systems spreading rain (10-30 mm or more) from northern Belarus eastward through the northern half of the Central and Volga Regions in Russia. The precipitation in these areas favored winter grains that continued to cold-harden prior to dormancy. Weekly temperatures averaged 3 to 8 degrees C above normal in Belarus, Ukraine, and Russia. In primary cotton producing areas of Central Asia, seasonable temperatures were accompanied by mostly dry weather, helping cotton harvesting.



MIDDLE EAST

Across the major winter grain areas of central Turkey and western Iran, limited topsoil moisture delayed winter grain planting. In western Turkey, dry weather continued to favor cotton maturation and early harvesting. Warm weather (temperatures averaged 2-5 degrees C above normal) increased evapotranspiration rates.

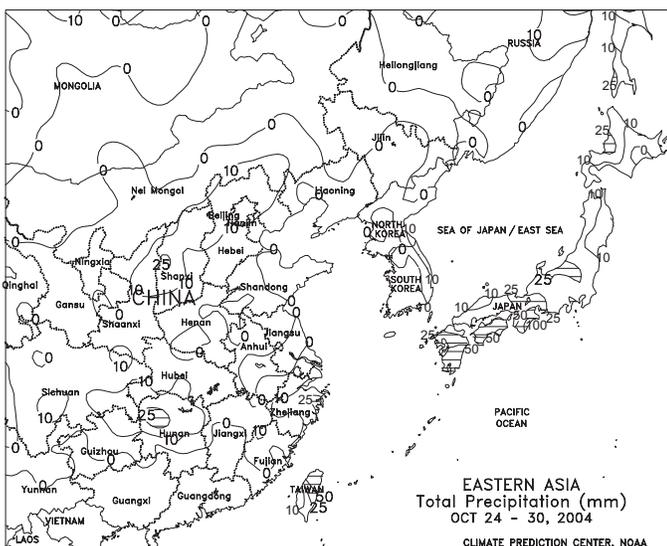
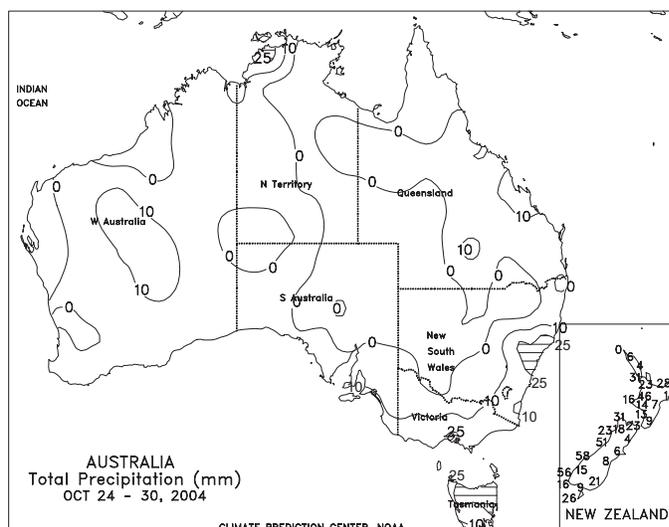


SOUTH ASIA

The southwest monsoon has withdrawn to southern India, where locally heavy showers (25-100 mm, locally exceeding 200 mm) increased irrigation reserves for rice and other winter-grown crops. In contrast, mostly dry, seasonably warm weather dominated northern, central, and eastern India and Bangladesh, benefiting maturing summer grains, oilseeds, and cotton. Conditions also favored seasonal fieldwork, including planting activities in winter wheat and rapeseed areas of north-central India, and rice cultivation in the eastern region. In Pakistan, mild, showery weather (10-50 mm or more) continued to the north of the main growing areas, with mostly dry weather supporting cotton harvesting in major producing areas of Punjab and Sind.

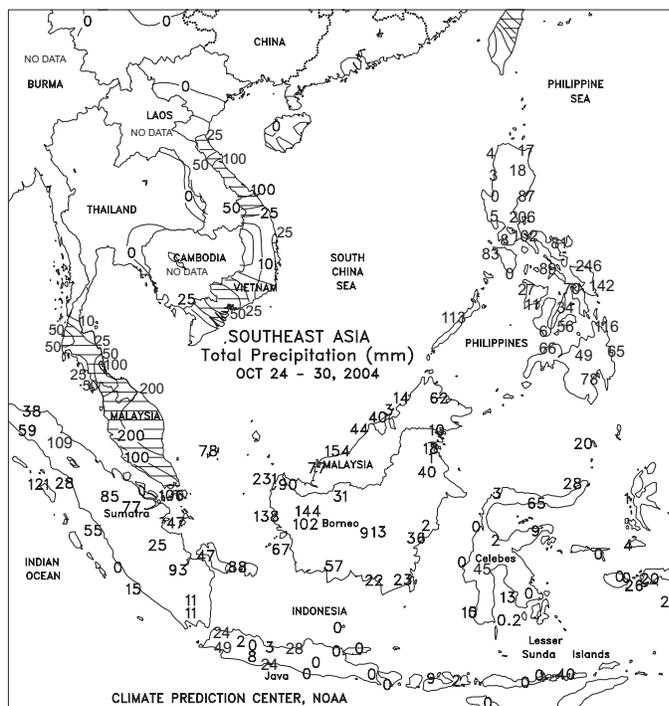
AUSTRALIA

In Western Australia, South Australia, Victoria, and southern New South Wales, winter grains are in the filling to maturing stages of development. Showers briefly overspread primarily southern sections of these states, however, the rainfall was mostly light (less than 3 mm with isolated higher amounts) and widely scattered, providing little additional moisture for immature winter wheat. Similarly, mostly dry weather (less than 3 mm with isolated higher amounts) prevailed across northern New South Wales and southern Queensland. The dryness favored winter grain maturation and harvesting but reduced moisture supplies for dryland and irrigated summer crops. Temperatures in major cotton and sorghum producing areas averaged about 2 to 3 degrees C above normal, increasing evaporative losses. Temperatures were generally seasonable across southern Australia, favoring winter grain development.



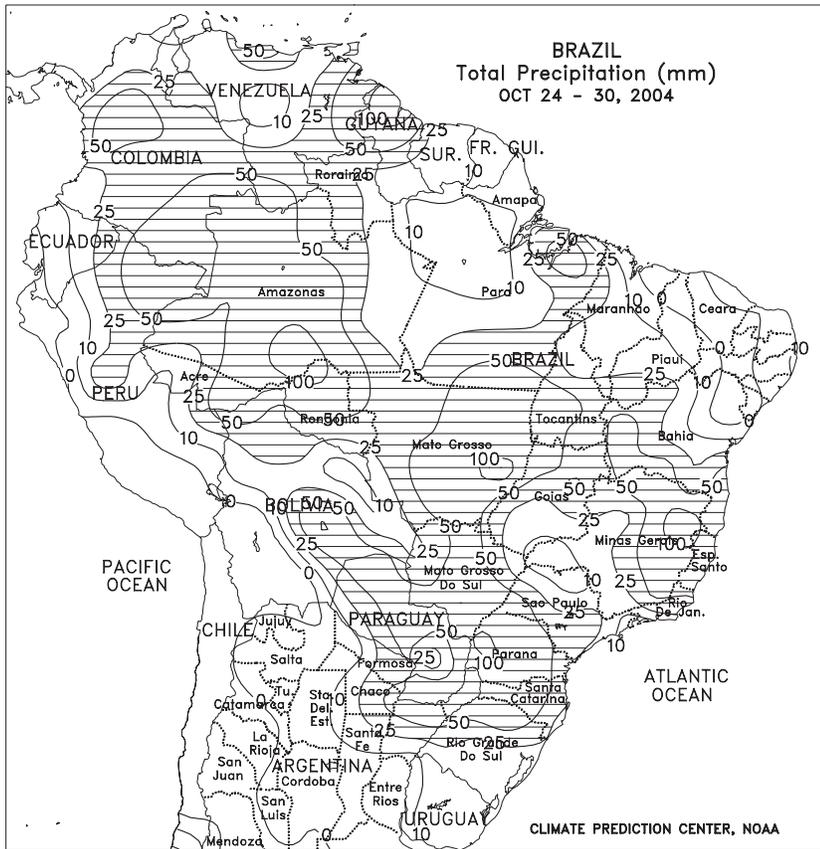
EASTERN ASIA

Mostly dry weather prevailed throughout China, aiding drydown and final harvesting of summer grains, oilseeds, and cotton. Conditions were also favorable for planting and early development of winter wheat. Wheat planting is usually complete by now in central China, but late-summer wetness likely contributed to some planting delays, especially on the North China Plain. In southern China, rice harvesting should be winding down. Planting of winter rapeseed usually runs through December in the Yangtze Valley. In Japan, showers (10-50 mm, heavier amounts in southern areas) slowed harvesting of rice and other summer crops, while dry weather on the Korean peninsula favored rice harvesting.



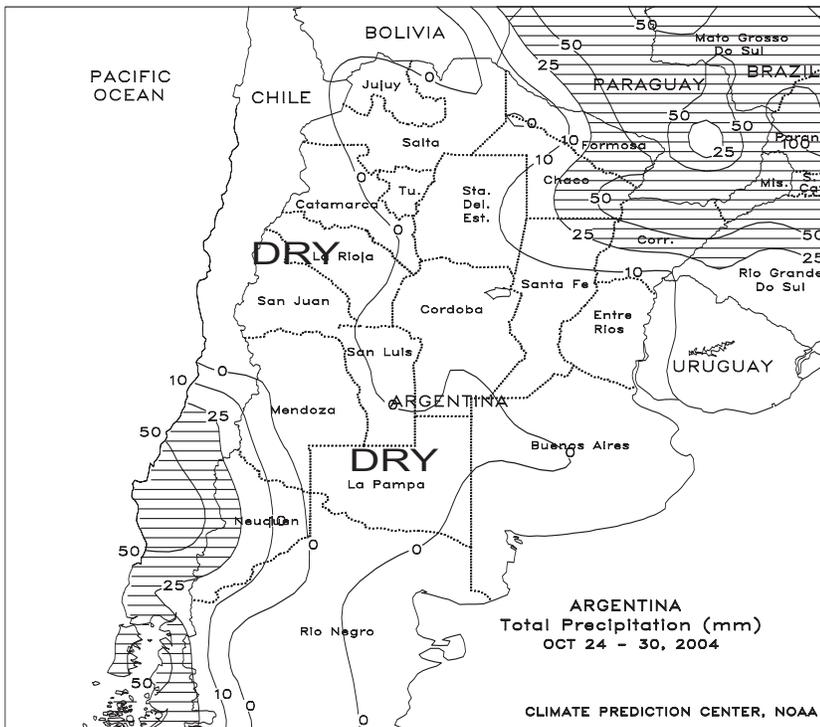
SOUTHEAST ASIA

Monsoon showers (50-200 mm) remained semi-stationary in Malaysia and northern Indonesia boosting moisture supplies for oil palm and other plantation crops. Shower activity (25-100 mm) increased in the eastern Philippines, increasing moisture supplies for winter corn and rice crops. In the Philippines, showers typically shift to the eastern half of the islands at this time of year. Showers (less than 25 mm) remained light in southern Indonesia as the main-season planting for corn and rice gets underway. Unseasonably heavy showers (over 100 mm) in central Vietnam slowed coffee harvesting.



BRAZIL

Widespread, locally heavy rain (25-100 mm or more) covered most major crop areas, including previously dry soybean and coffee areas of the northeastern interior (western Minas Gerais and Bahia). Temperatures averaged near to above normal in the more northerly growing areas (from Mato Grosso to Minas Gerais northward), and near to below normal in the south, although temperatures remained above freezing. According to Independent analyst Safras e Mercado, soybeans were 16 percent planted as of October 29, compared with 19 percent last year.



ARGENTINA

Mostly dry weather prevailed across major growing areas of central Argentina, with moderate showers (10-25 mm or more) confined to the far northeast (eastern Chaco to Misiones, including neighboring locations in Santa Fe and Formosa). Moisture reserves are mostly favorable for early summer crop development, especially when compared to last season, when spring drought greatly impacted crops and planting intentions in Cordoba and surrounding areas. According to Argentina's Ministry of Agriculture (SAGPyA), sunseed and corn were 49 and 62 percent planted, respectively, as of October 29. Independent sources from within Argentina place soybean planting at about 4 percent and winter wheat harvesting at 2 percent. Winter wheat harvesting typically increases in November, and is commonly followed by a double-crop of soybeans. Although temperatures averaged near to slightly below normal, sunny skies aided winter wheat maturation, and temperatures stayed above freezing in all major growing areas.

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Correspondence to the meteorologists should be directed to: **Weekly Weather and Crop Bulletin, NOAA/USDA, Joint Agricultural Weather Facility, USDA South Building, Room 4443B, Washington, DC 20250**. Internet URL: <http://www.usda.gov/oce/waob/jawf>; E-mail address: jawfweb@oce.usda.gov

U.S. DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration
National Weather Service/Climate Prediction Center
Managing Editor **David Miskus** (202) 720-7919
Meteorologists **Eric Luebehusen, Brad Pugh,**
..... **Chester Schmitt, Kevin Laws, and Patrick O'Hara**

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