

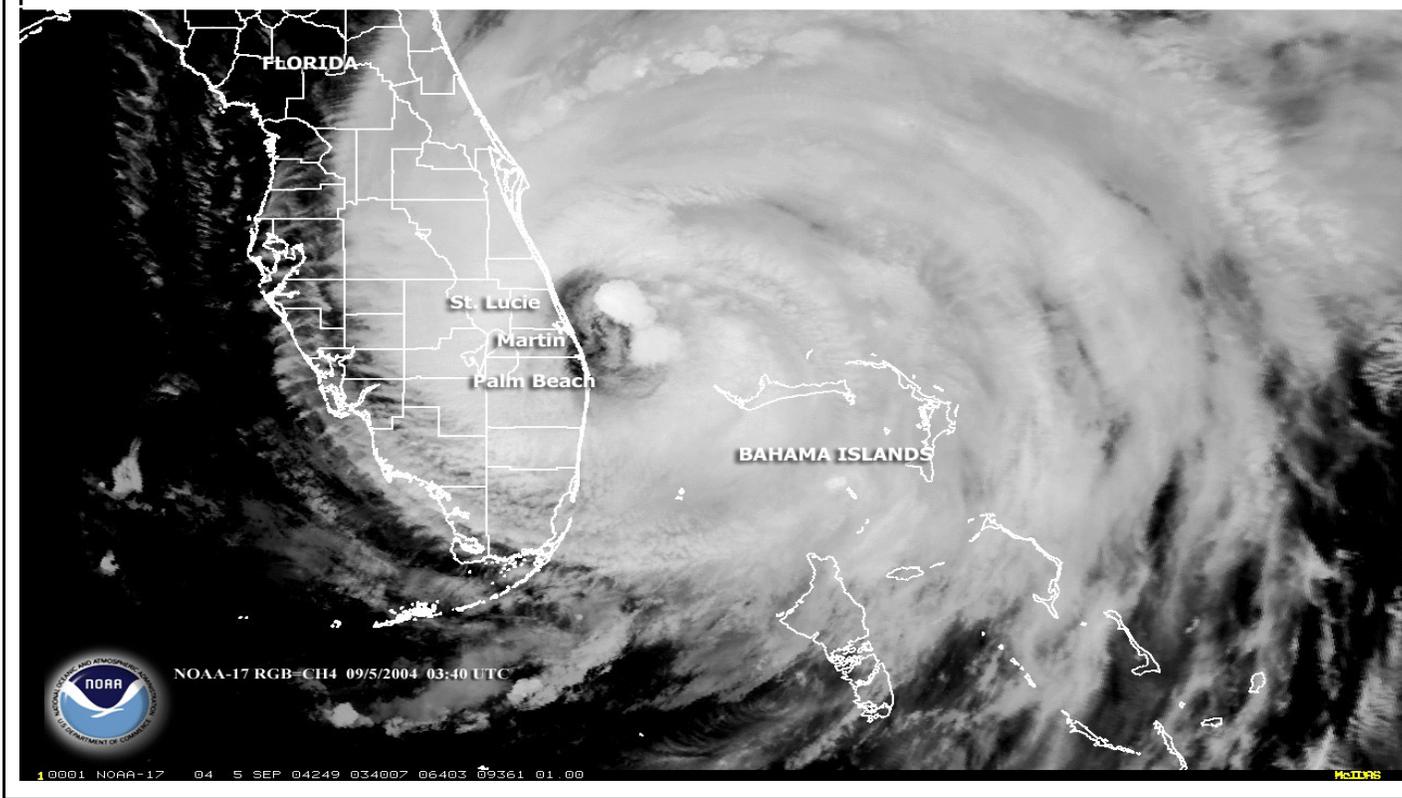
WEEKLY WEATHER AND CROP BULLETIN



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

The large eye of Hurricane Frances can be seen in this 11:40 pm EDT (0340 GMT) NOAA 17 image moving onshore in Martin, St. Lucie and northeastern Palm Beach counties. The center of the eye was located approximately 19 miles east-southeast of Stuart, Florida at 12:00 am (0400 GMT). Maximum sustained winds were estimated at 105 mph with gusts to 125 mph.
CREDIT: NOAA



HIGHLIGHTS

August 29 - September 4, 2004

Highlights provided by USDA/WAOB

Florida's citrus, greenhouse, and nursery industries began to assess wind and water damage, following the Labor Day weekend passage of Hurricane Frances across the **middle portion of the peninsula**. Regions of greatest concern included inland areas affected by both Charley and Frances (roughly along and south of the Interstate-4 corridor from the **middle of Florida's peninsula to the Orlando and Daytona Beach areas**), and the **major citrus-producing east coast counties (Indian River, St. Lucie, and Martin)**. The large eye of Hurricane Frances moved ashore near **Sewall's Point (St. Lucie-Martin County line)** just after midnight on the night

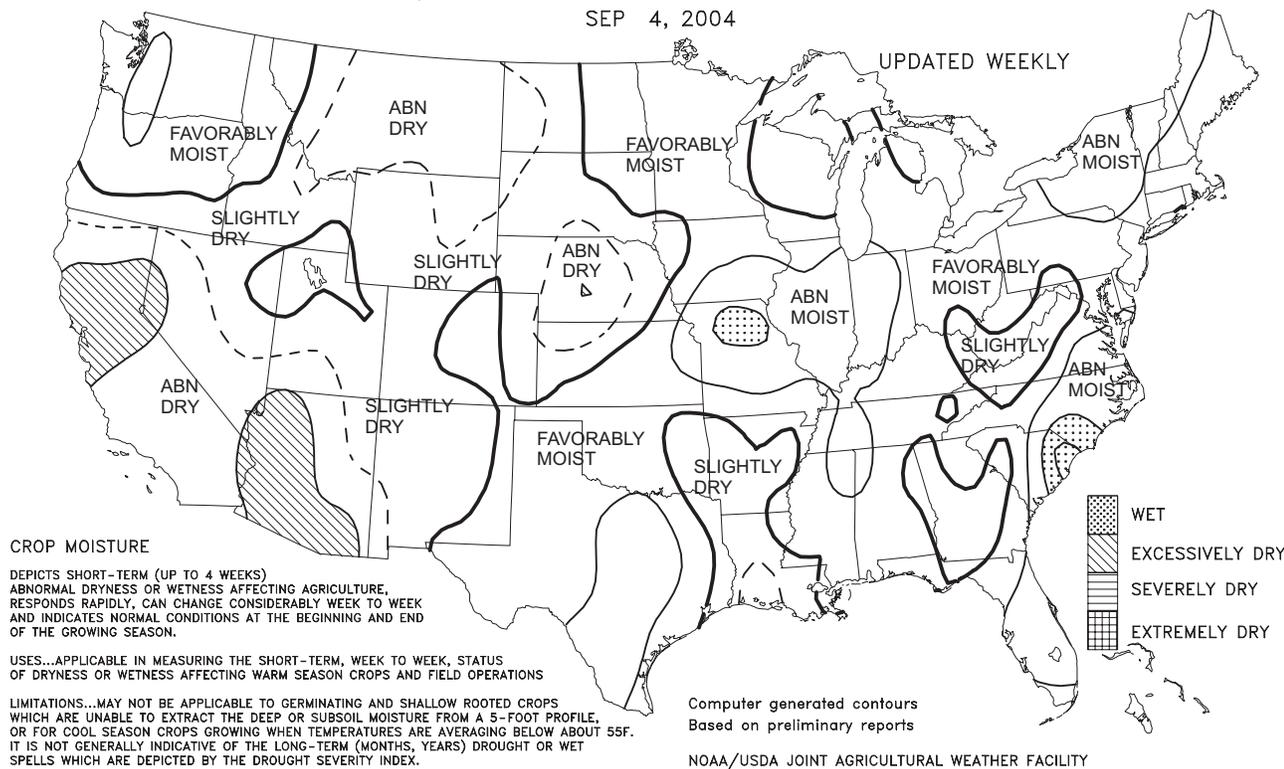
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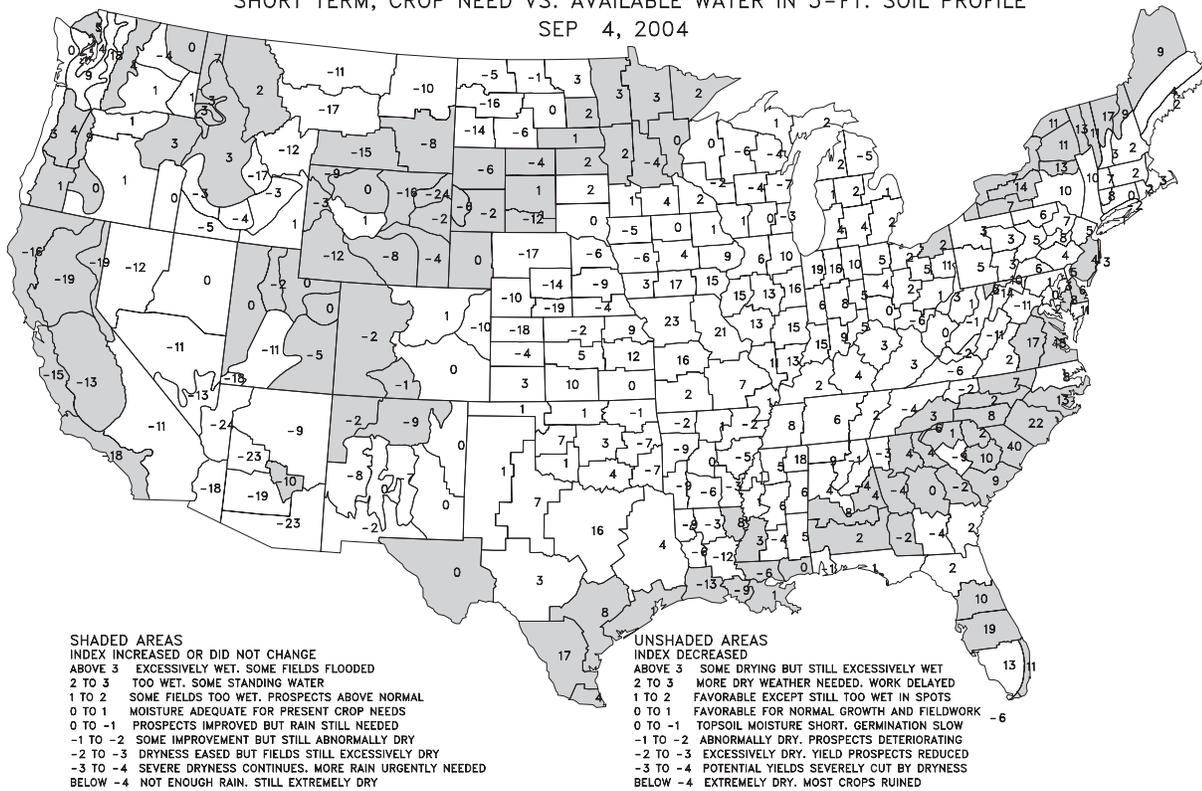
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Crop Moisture
 SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
 SEP 4, 2004

UPDATED WEEKLY

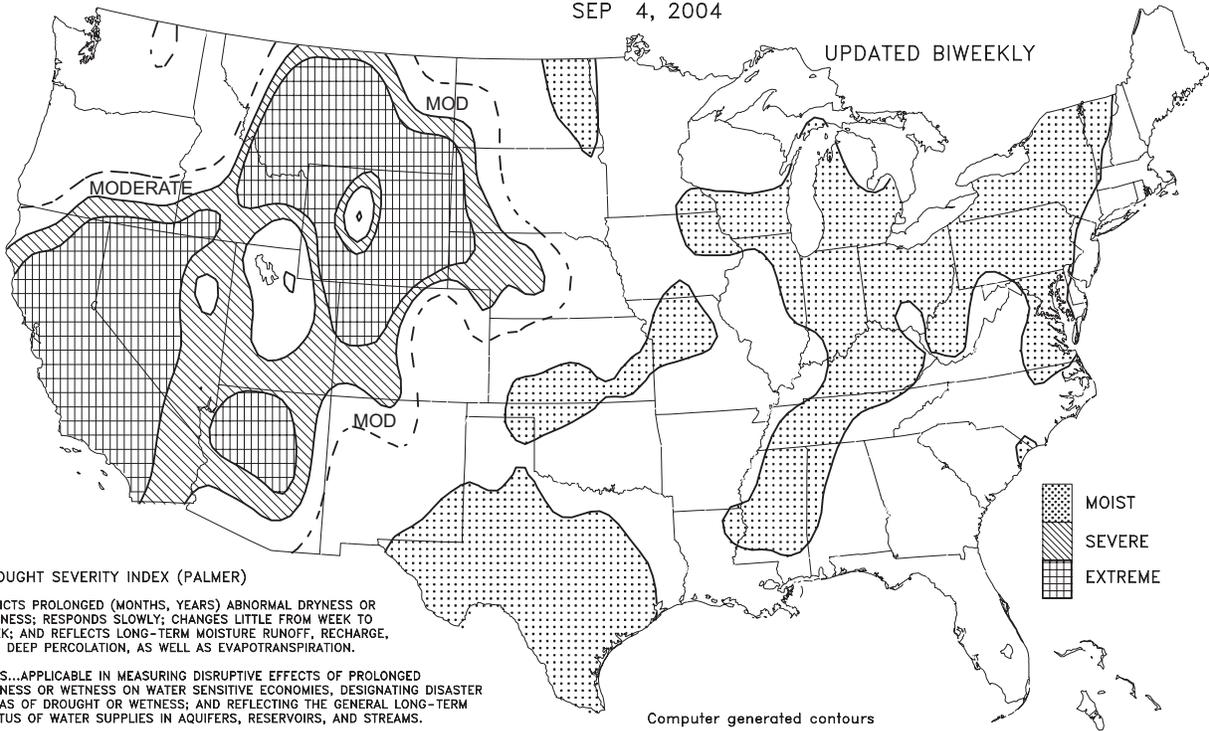


Crop Moisture Index
 SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
 SEP 4, 2004



DROUGHT SEVERITY
LONG TERM PALMER
SEP 4, 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.

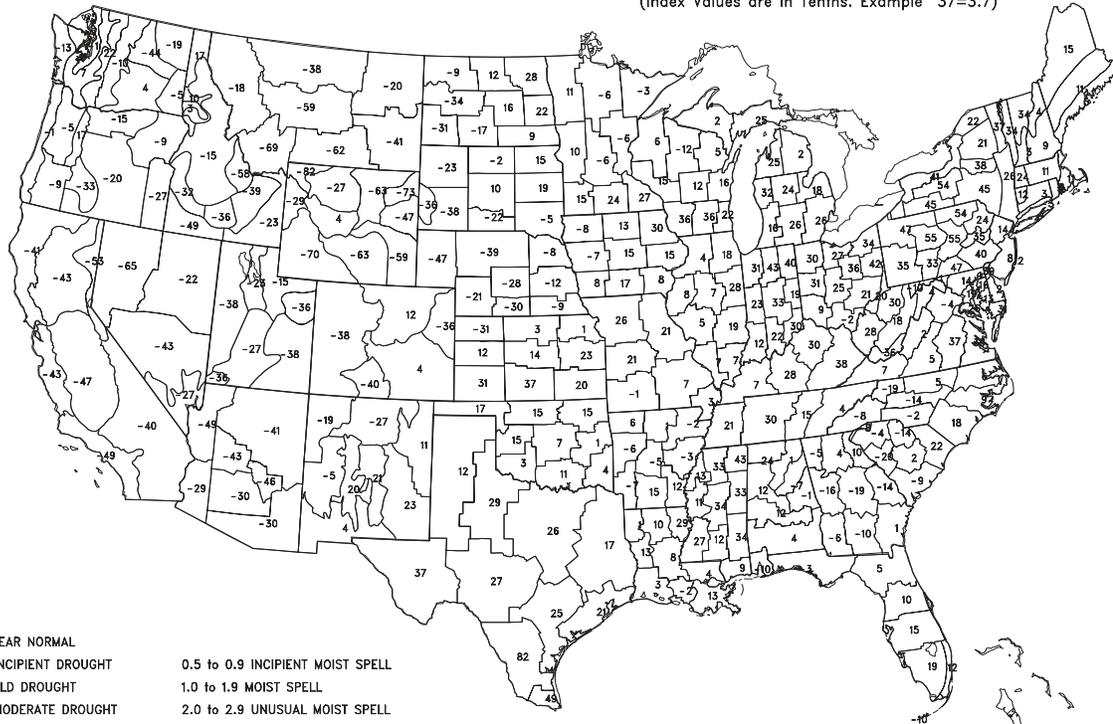
LIMITATIONS...IS NOT GENERALLY INDICATIVE OF SHORT-TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).

Computer generated contours
Based on preliminary reports

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

Drought Severity Index by Division
SEP 4, 2004
(Long Term Palmer)

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



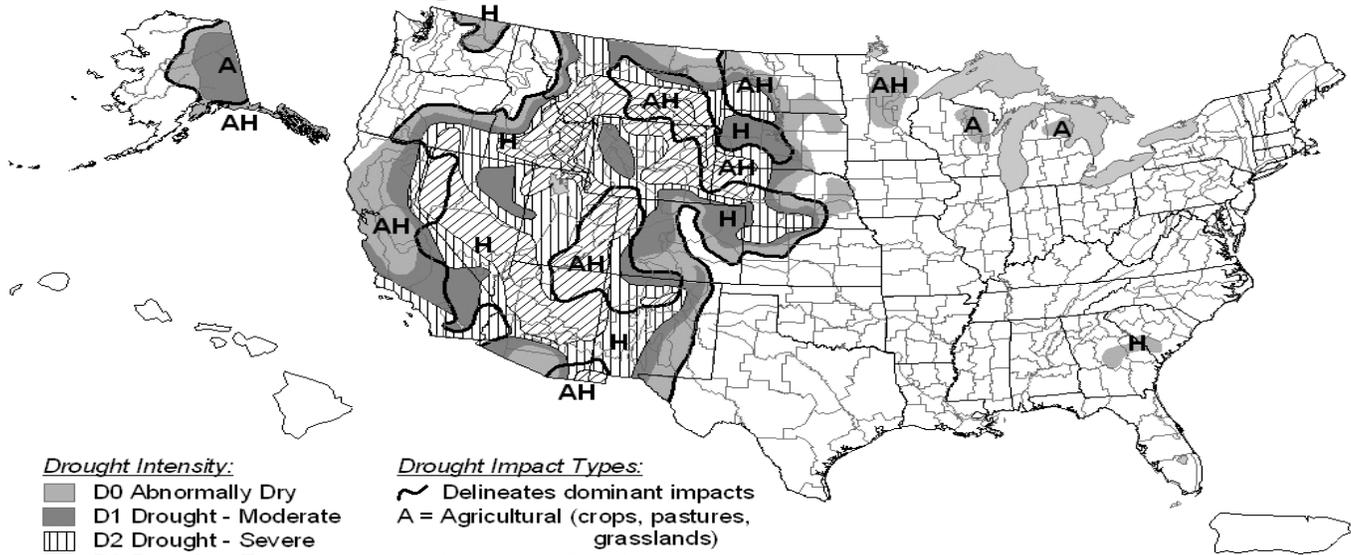
- 0.4 to -0.4 NEAR NORMAL
- 0.5 to -0.9 INCIPIENT DROUGHT
- 1.0 to -1.9 MILD DROUGHT
- 2.0 to -2.9 MODERATE DROUGHT
- 3.0 to -3.9 SEVERE DROUGHT
- BELOW -4.0 EXTREME DROUGHT

- 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

August 31, 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.

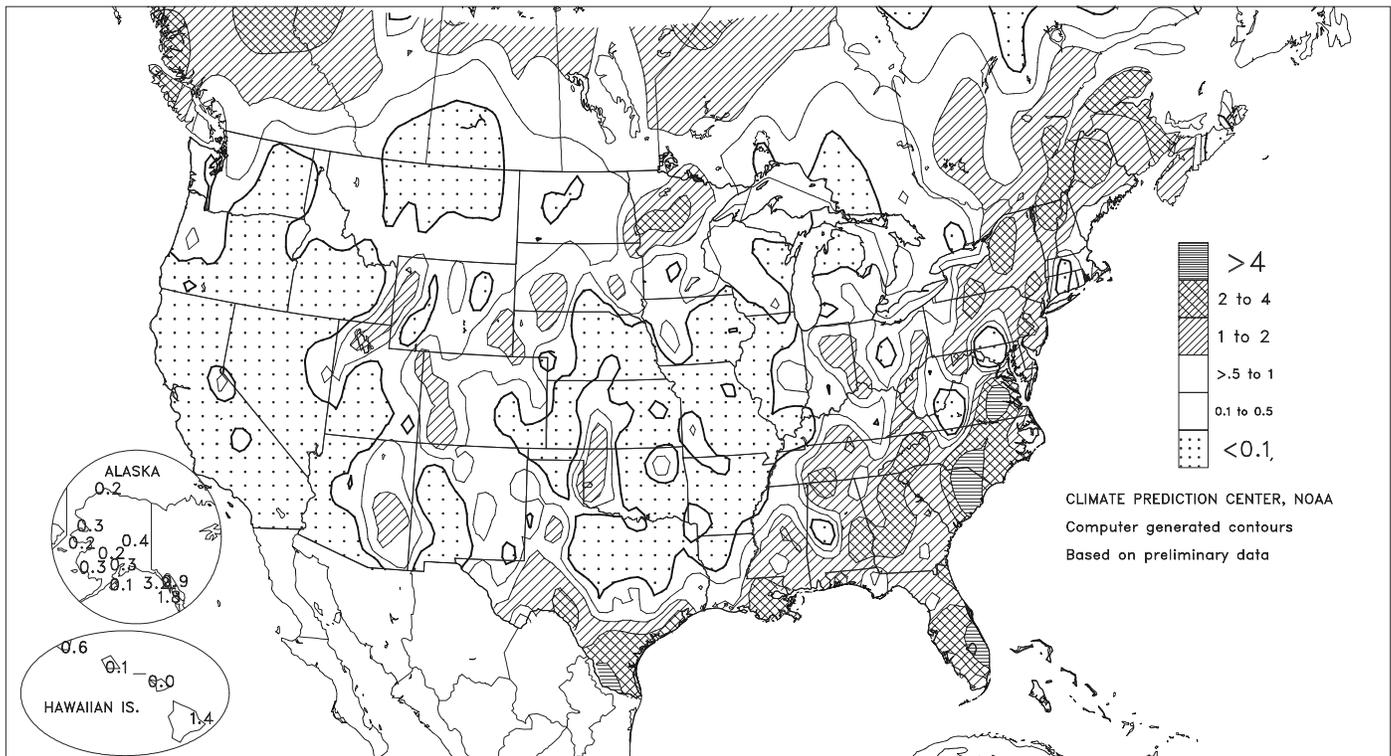
<http://drought.unl.edu/dm>



Released Thursday, September 2, 2004
Author: David Miskus, JAWF/CPC/NOAA

Total Precipitation (Inches)

AUG 29 - SEP 4, 2004



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

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

(Continued from front cover)

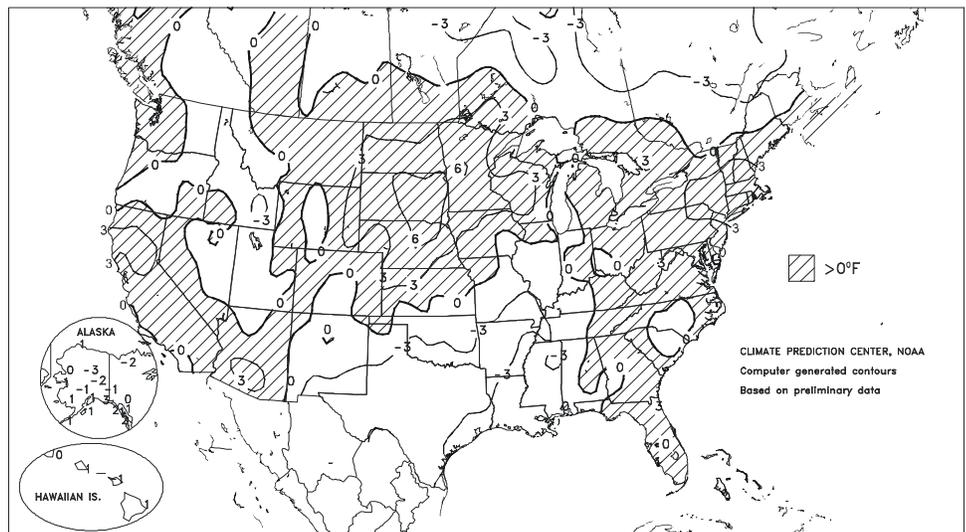
of September 4-5. Maximum sustained winds were estimated near 105 m.p.h. in squalls surrounding the eye. Frances dumped as much as 1 foot of rain along and near its path across **Florida's central peninsula**, leaving widespread areas of standing water. Frances was downgraded to a tropical storm on the afternoon of September 5, then reached the **Gulf of Mexico** just north of **Tampa** that evening with winds near 65 m.p.h. Frances never regained hurricane intensity, but made a second **Florida** landfall on the afternoon of Labor Day, September 6, near **St. Marks**. As heavy rain spread into the **Southeast** on September 6 and 7, producers monitored effects of the former hurricane on open-boll cotton and other unharvested summer crops.

Earlier in the week, Tropical Storm Gaston lashed areas from **eastern South Carolina to southeastern Virginia** with heavy rain and gusty winds. Some of the most extensive flood damage was reported in and near **Richmond, VA**, where a few totals in excess of 10 inches were reported. Even before Frances' arrival, Gaston's rainfall maintained disease and crop-quality concerns in the already-wet **southern Mid-Atlantic region**. Farther west, warm, mostly dry conditions promoted summer crop maturation across the **Plains, Midwest, and Northwest**. Dry weather also promoted fieldwork, including small grain harvesting (across the **northern Plains and Northwest**); cotton and sorghum harvesting (on the **southern Plains**), corn harvesting (across the **South** and into the **southern Corn Belt**); and initial winter wheat planting (across the **central and southern Plains** and the **Northwest**). Meanwhile, wet weather in **southern Texas** slowed fieldwork but boosted soil moisture for the upcoming winter crop season. Cool weather in the **western Gulf Coast region** (weekly temperatures as much as 6°F below normal) contrasted with late-season heat (up to 9°F above-normal across the **north-central United States**. Temperatures briefly topped 100°F as far north as **eastern Montana** and the **western Dakotas**. In the **upper Midwest**, above-normal temperatures provided much-needed warmth for late-maturing corn and soybeans. Warm weather also prevailed in **California** and the **Northeast**.

Early in the week, chilly weather lingered across the **Plains** and the **West**, resulting in daily-record lows for August 29 in locations such as **Alliance, NE** (38°F), and **Casper, WY** (39°F). By month's end, heat returned to the **West**, where **Boise, ID**, posted a record high (102°F) on August 31. Beneficial warmth reached the **North-Central States** by mid-week, when **Rapid City, SD** (99°F on September 1), notched a daily record-tying high. Toward week's end, cooler weather overspread the **Intermountain West**, while heat intensified along the **California coast**. In **southwestern Utah**, **Brian Head** (29, 24, 25, and 26°F) registered four consecutive daily-record lows from September 3-6. During the same time, **Richmond, CA** (89, 95, 96, and 96°F), logged four daily-record highs. Other daily-record highs in **California** on September 5 included 104°F in **Santa Ana**, 102°F in **Laguna Beach**, 101°F at the **Los Angeles Airport**, and 100°F in **Napa**.

Departure of Average Temperature from Normal (°F)

AUG 29 - SEP 4, 2004

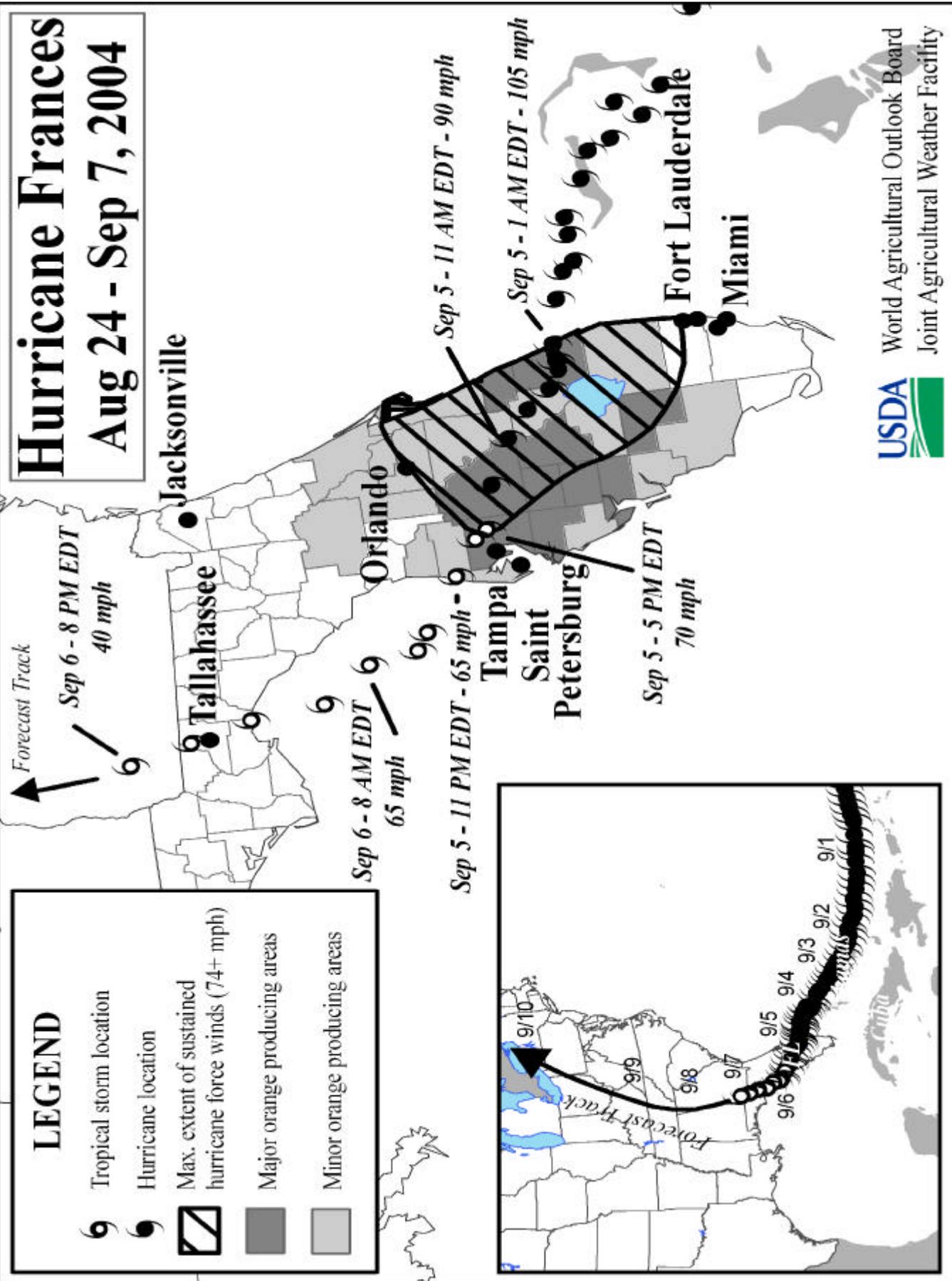


Heavy rain fell along the **East Coast** early in the week due to the passage of Tropical Storm Gaston. Daily-record totals included 4.59 inches (on August 29) in **downtown Charleston, SC**, and 6.68 inches (on August 30) in **Richmond, VA**. Heavy showers not associated with tropical activity also fell in **southern Texas** and the **Northeast**. Record totals for August 30 reached 2.40 inches in **McAllen, TX**, and 2.21 inches in **Burlington, VT**. Meanwhile, Hurricane Frances passed north of **Puerto Rico** and the **U.S. Virgin Islands**. At **Truman Airport on St. Thomas, VI**, westerly winds gusted to 37 m.p.h. on August 31. By September 4, Frances' heavy rainfall reached **Florida's east coast**, where **West Palm Beach** netted a daily-record total of 6.86 inches. Another 6.26 inches deluged **West Palm Beach** the following day, boosting its September 1-5 total to 14.86 inches (1,101 percent of normal). In addition, **West Palm Beach** clocked a southwesterly wind gust to 82 m.p.h. on September 5. According to the National Hurricane Center, a wind gust to 124 m.p.h. was observed on the morning of September 5 at **Port Canaveral in Brevard County, FL**. Farther west, heavy rain and high-elevation snow developed across portions of the **Rockies** and **northern Plains** toward week's end. **Grand Junction, CO**, netted a storm-total rainfall of 0.80 inch, including a daily-record total of 0.66 inch on September 4. The next day, **Chadron, NE** (2.92 inches), experienced its fifth-wettest day on record and wettest day since 4.40 inches fell on September 18, 1986. Elsewhere on September 5, daily-record totals included 8.50 inches in **Daytona Beach, FL**, 2.23 inches in **Sisseton, SD**, and 1.65 inches in **Scottsbluff, NE**. Despite **Scottsbluff's** rain, year-to-date precipitation through September 7 stood at 8.38 inches (64 percent of normal).

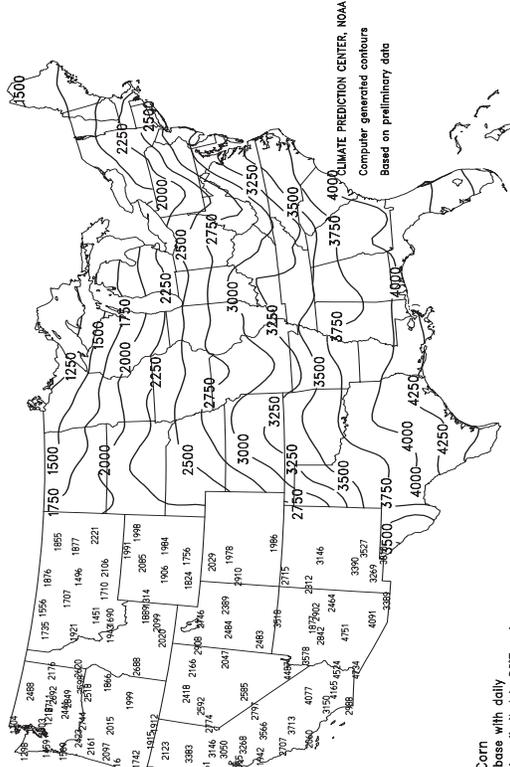
In a marked change, cool, showery weather overspread **Alaska**, holding weekly temperatures as much as 3°F below normal. By September 4, **King Salmon** collected a daily-record low of 29°F. Meanwhile, **Yakutat** netted 3.48 inches of rain (83 percent of normal) during the first 7 days of September, following its driest August (4.29 inches, or 32 percent) since 1987. Farther south, generally tranquil weather prevailed in **Hawaii**. A few heavier showers were mostly confined to the **western Hawaiian islands**, where **Kalaheo, Kauai**, netted 1.25 inches in a 24-hour period on September 1-2. Elsewhere on **Kauai**, **Kokee** collected 2.80 inches in 24 hours on September 5-6.

Hurricane Frances

Aug 24 - Sep 7, 2004

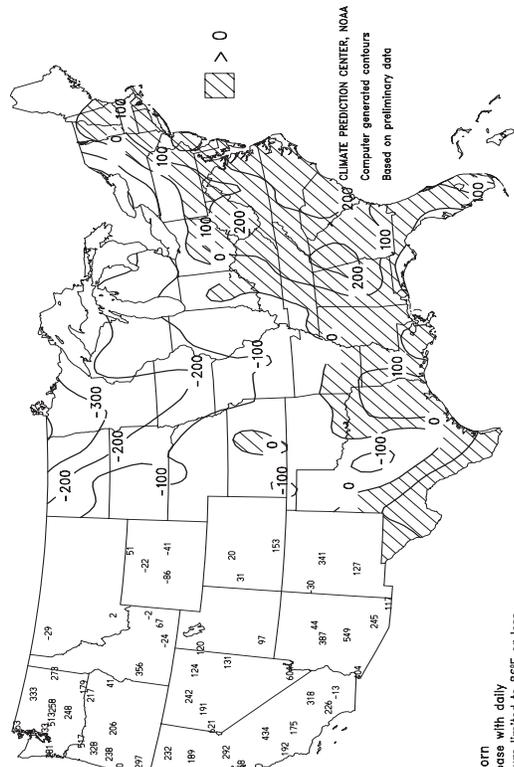


Total Growing Degree Days
APR 1 - SEP 4, 2004



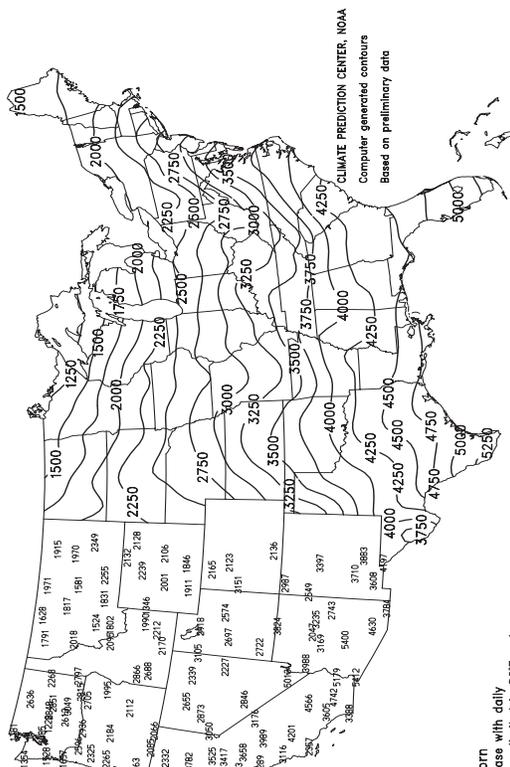
Corn
Computed to 50°F base with daily
maximum temperature limited to 86°F or less
and daily minimum to 50°F or more.

Departure From Normal Growing Degree Days
APR 1 - SEP 4, 2004



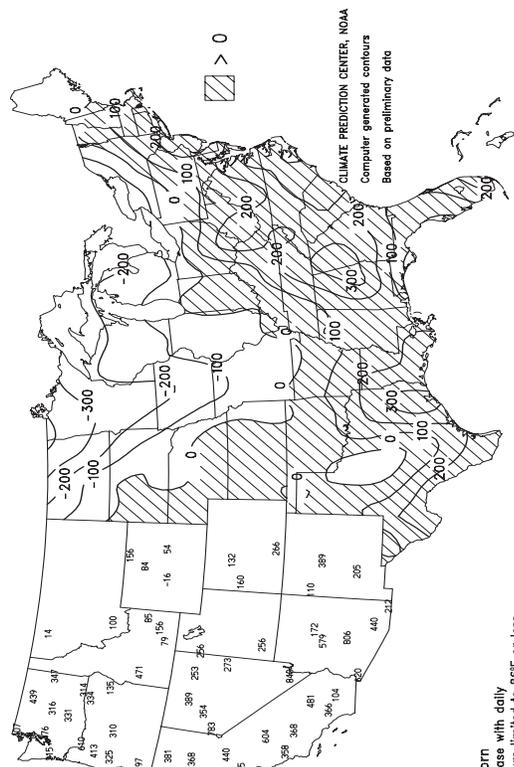
Corn
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Total Growing Degree Days
MAR 1 - SEP 4, 2004



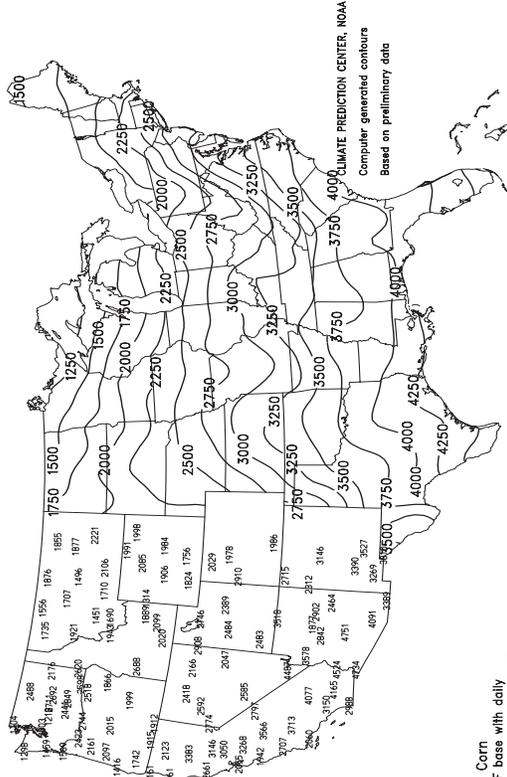
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Departure From Normal Growing Degree Days
MAR 1 - SEP 4, 2004



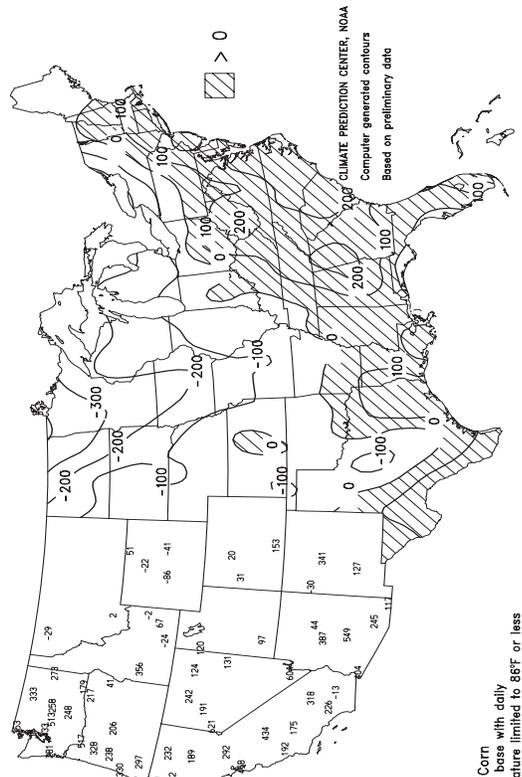
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Total Growing Degree Days
APR 1 - SEP 4, 2004



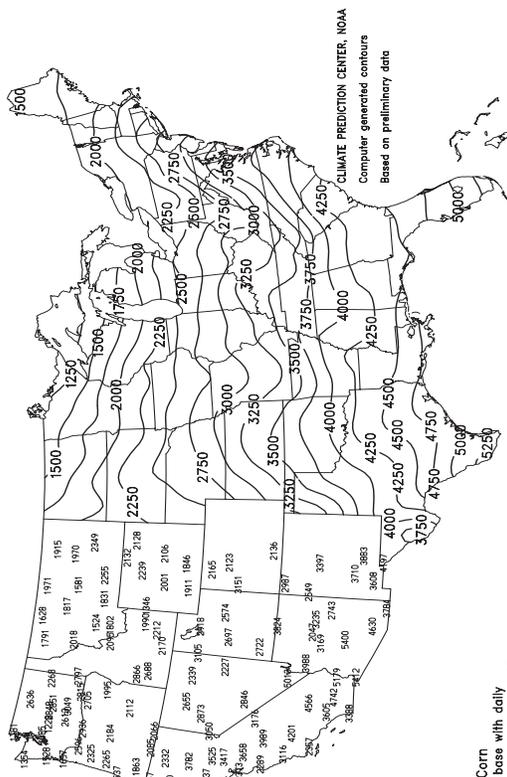
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Departure From Normal Growing Degree Days
APR 1 - SEP 4, 2004



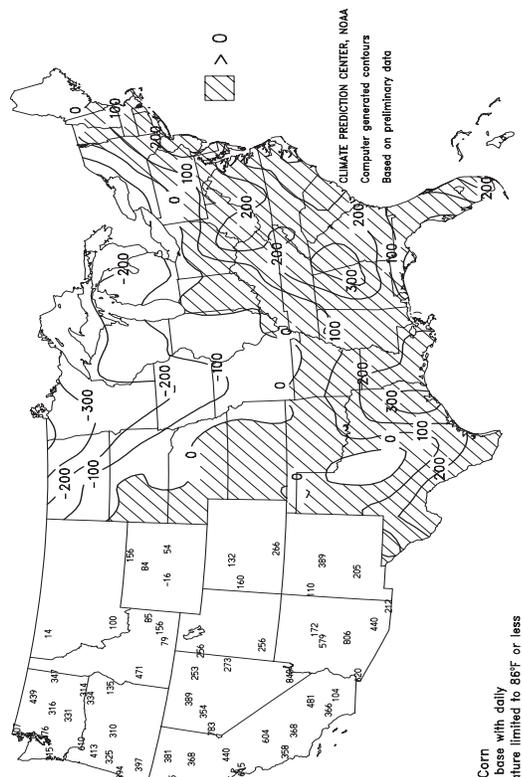
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Total Growing Degree Days
MAR 1 - SEP 4, 2004



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Departure From Normal Growing Degree Days
MAR 1 - SEP 4, 2004



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

National Weather Data for Selected Cities

Weather Data for the Week Ending September 4, 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	TEMP. °F		PRECIP.		
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	5.0 INCH OR MORE	
AL BIRMINGHAM	86	69	88	66	78	1	0.16	-0.69	0.15	0.15	30	33.18	87	97	54	0	0	2	0	
AL HUNTSVILLE	83	68	86	64	75	-1	1.30	0.40	1.00	0.30	57	36.23	92	95	70	0	0	4	1	
AL MOBILE	89	72	91	69	80	0	0.86	-0.67	0.53	0.31	35	53.48	112	89	61	3	0	3	1	
AL MONTGOMERY	91	73	95	72	82	2	0.66	-0.27	0.32	0.32	58	33.71	86	86	54	6	0	6	0	
AK ANCHORAGE	61	47	65	37	54	1	0.32	-0.39	0.18	0.32	80	7.06	75	90	74	0	0	2	0	
AK BARROW	40	33	45	31	37	1	0.17	-0.02	0.12	0.04	36	4.69	162	86	74	0	2	3	0	
AK FAIRBANKS	57	40	65	31	48	-3	0.44	0.13	0.39	0.44	259	5.27	75	90	78	0	1	2	0	
AK JUNEAU	61	47	68	42	54	1	0.91	-0.54	0.46	0.90	106	30.53	94	97	84	0	0	4	0	
AK KODIAK	61	48	65	43	55	2	0.13	-1.32	0.08	0.13	15	54.35	119	87	72	0	0	3	0	
AK NOME	52	40	56	28	46	-2	0.22	-0.48	0.10	0.18	45	11.57	109	89	77	0	1	5	0	
AZ FLAGSTAFF	77	47	82	44	62	1	0.64	0.10	0.32	0.54	180	11.23	73	72	20	0	0	3	0	
AZ PHOENIX	105	82	111	79	94	5	0.00	-0.14	0.00	0.00	0	4.98	96	35	24	7	0	0	0	
AZ TUCSON	98	73	103	69	86	2	0.20	-0.17	0.20	0.20	100	5.61	70	48	29	6	0	1	0	
AZ YUMA	106	80	112	73	93	2	0.00	-0.08	0.00	0.00	0	1.60	81	55	28	7	0	0	0	
AR FORT SMITH	88	64	91	60	76	-2	0.00	-0.63	0.09	0.00	0	34.09	119	94	45	2	0	1	0	
AR LITTLE ROCK	86	66	89	63	76	-2	0.18	-0.61	0.18	0.18	39	33.45	101	90	45	0	0	1	0	
CA BAKERSFIELD	96	68	100	58	82	3	0.00	-0.03	0.00	0.00	0	2.77	59	42	25	6	0	0	0	
CA FRESNO	97	66	102	61	81	4	0.00	-0.02	0.00	0.00	0	4.67	59	52	29	6	0	0	0	
CA LOS ANGELES	78	65	81	63	71	0	0.00	-0.06	0.00	0.00	0	5.97	62	87	66	0	0	0	0	
CA REDDING	96	63	102	60	79	3	0.00	-0.06	0.00	0.00	0	17.20	78	48	23	5	0	0	0	
CA SACRAMENTO	93	61	99	57	77	4	0.00	-0.06	0.00	0.00	0	7.90	65	72	20	6	0	0	0	
CA SAN DIEGO	76	66	78	63	71	-1	0.00	-0.03	0.00	0.00	0	3.96	51	82	67	0	0	0	0	
CA SAN FRANCISCO	77	59	92	56	68	4	0.00	-0.03	0.00	0.00	0	8.67	64	82	60	1	0	0	0	
CA STOCKTON	94	59	100	56	77	2	0.00	-0.04	0.00	0.00	0	6.53	72	69	38	6	0	0	0	
CO ALAMOSA	77	38	81	34	57	-2	0.27	0.04	0.15	0.25	192	4.43	88	79	33	0	0	3	0	
CO CO SPRINGS	79	49	85	46	64	0	0.03	-0.48	0.03	0.03	11	19.72	135	83	27	0	0	1	0	
CO DENVER INTL	83	52	90	50	67	1	0.91	0.66	0.91	0.91	650	12.42	114	74	27	1	0	1	1	
CO GRAND JUNCTION	87	56	95	47	72	2	0.80	0.63	0.72	0.80	800	5.15	87	34	25	4	0	2	1	
CO PUEBLO	88	48	96	44	68	-1	0.00	-0.32	0.00	0.00	0	12.22	121	84	28	2	0	0	0	
CT BRIDGEPORT	82	68	86	62	75	5	0.04	-0.81	0.04	0.00	0	29.24	96	87	61	0	0	1	0	
CT HARTFORD	84	61	89	54	73	5	0.10	-0.86	0.07	0.07	13	25.59	83	93	55	0	0	3	0	
DC WASHINGTON	84	69	87	66	77	2	0.08	-0.74	0.08	0.00	0	29.25	109	85	52	0	0	1	0	
DE WILMINGTON	81	64	84	58	73	1	0.72	-0.14	0.56	0.00	0	37.26	126	96	57	0	0	2	1	
FL DAYTONA BEACH	91	76	95	74	83	2	1.14	-0.47	0.43	0.68	73	40.65	122	89	58	4	0	7	0	
FL JACKSONVILLE	90	74	93	73	82	2	2.93	1.01	2.25	0.32	29	46.09	126	93	63	5	0	5	1	
FL KEY WEST	90	79	91	76	84	0	1.03	-0.36	0.44	0.70	89	20.54	82	86	70	4	0	3	0	
FL MIAMI	90	78	93	75	84	1	1.72	-0.48	1.07	1.56	125	38.80	98	88	61	6	0	5	1	
FL ORLANDO	92	75	94	74	83	1	0.42	-1.09	0.32	0.10	11	40.84	113	90	56	6	0	2	0	
FL PENSACOLA	87	73	91	70	80	-1	1.22	-0.25	0.71	0.71	86	42.50	91	94	69	1	0	4	1	
FL TALLAHASSEE	91	72	92	71	82	1	1.54	0.14	0.81	0.12	15	41.71	87	93	58	6	0	4	2	
FL TAMPA	92	75	94	72	84	1	1.58	-0.23	1.22	0.35	34	46.17	140	90	57	6	0	5	1	
FL WEST PALM	89	76	91	73	82	0	9.36	7.39	7.01	8.84	775	41.18	102	88	68	6	0	6	2	
GA ATHENS	86	68	92	66	77	1	0.53	-0.28	0.22	0.31	66	20.61	61	91	73	1	0	3	0	
GA ATLANTA	84	70	88	68	77	0	0.89	0.00	0.58	0.65	125	26.35	74	89	70	0	0	4	1	
GA AUGUSTA	88	70	91	67	79	2	1.12	0.18	0.67	0.45	85	29.59	91	94	70	2	0	3	1	
GA COLUMBUS	88	71	91	70	80	0	0.46	-0.30	0.26	0.16	36	30.22	86	91	52	2	0	4	0	
GA MACON	91	71	94	68	81	3	1.03	0.20	0.78	0.78	166	30.49	93	88	53	5	0	2	1	
GA SAVANNAH	91	72	97	70	82	3	0.48	-1.03	0.44	0.47	56	27.32	74	92	62	4	0	3	0	
HI HILO	86	69	87	67	78	2	1.43	-0.87	0.89	0.28	21	93.05	112	80	62	0	0	3	1	
HI HONOLULU	90	75	92	74	82	0	0.06	0.00	0.06	0.00	0	20.52	200	80	70	4	0	1	0	
HI KAHULUI	89	67	90	65	78	-1	0.00	-0.08	0.00	0.00	0	24.61	202	83	66	2	0	0	0	
HI LIHUE	85	74	86	71	80	0	0.61	0.15	0.32	0.25	93	24.06	103	86	76	0	0	6	0	
ID BOISE	84	56	102	46	70	1	0.00	-0.13	0.00	0.00	0	7.82	98	53	30	3	0	0	0	
ID LEWISTON	82	56	94	48	69	0	0.01	-0.16	0.01	0.01	11	11.29	128	68	43	2	0	1	0	
ID POCATELLO	78	43	90	33	60	-4	0.00	-0.17	0.00	0.00	0	8.16	95	71	36	1	0	0	0	
IL CHICAGO/O'HARE	80	57	84	51	69	1	0.00	-0.97	0.00	0.00	0	23.94	94	94	61	0	0	0	0	
IL MOLINE	82	57	86	53	69	0	0.02	-0.88	0.01	0.00	0	26.98	98	94	66	0	0	2	0	
IL PEORIA	81	59	86	54	70	0	0.00	-0.70	0.00	0.00	0	24.77	98	96	53	0	0	0	0	
IL ROCKFORD	80	56	83	51	68	1	0.01	-0.93	0.01	0.00	0	31.18	118	97	58	0	0	1	0	
IL SPRINGFIELD	84	58	87	51	71	0	0.00	-0.71	0.00	0.00	0	23.68	94	94	49	0	0	0	0	
IN EVANSVILLE	82	62	87	57	72	-1	0.03	-0.69	0.01	0.03	7	29.37	94	97	63	0	0	3	0	
IN FORT WAYNE	78	59	83	54	68	0	0.87	0.12	0.82	0.83	198	30.99	120	97	63	0	0	3	1	
IN INDIANAPOLIS	79	63	83	57	71	0	0.48	-0.27	0.24	0.48	114	37.26	128	95	60	0	0	2	0	
IN SOUTH BEND	77	58	83	51	68	0	0.90	-0.04	0.48	0.42	78	28.11	105	99	70	0	0	2	0	
IA BURLINGTON	84	59	88	54	71	0	0.03	-0.82	0.01	0.02	4	23.60	87	96	50	0	0	3	0	
IA CEDAR RAPIDS	80	56	84	49	68	0	0.04	-0.88	0.01	0.03	6	27.03	109	99	52	0	0	4	0	
IA DES MOINES	83	61	87	55	72	2	0.16	-0.74	0.12	0.00	0	32.63	125	96	60	0	0	2	0	
IA DUBUQUE	79	57	83	48	68	2	0.02	-0.99	0.01	0.00	0	23.04	89	94	59	0	0	2	0	
IA SIOUX CITY	88	57	93	47	73	5	0.03	-0.57	0.02	0.00	0	20.23	102	95	47	2	0	2	0	
IA WATERLOO	82	57	86	50	70	3	0.05	-0.78	0.01	0.00	0	28.96	116	92	64	0	0	2	0	
KS CONCORDIA	90	61	92	50	76	3	0.00	-0.61	0.00	0.00	0	20.85	94	83	39	5	0	0	0	
KS DODGE CITY	88	60	90	52	74	0	0.01	-0.46	0.01	0.00	0	17.71	100	81	33	1	0	1	0	
KS GOODLAND	89	55	91	49	72	3	0.25	-0.08	0.25	0.25	139	13.98	84	79	32	3	0	1	0	
KS TOPEKA	85	63	87	57	74	1	0.06	-0.85	0.03	0.00	0	31.44	122	90	56	0	0	2	0	

Weather Data for the Week Ending September 4, 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	WICHITA	88	62	92	56	75	-1	0.00	-0.69	0.00	0.00	0	30.57	138	91	46	1	0	0	0
	JACKSON	80	64	83	59	72	1	0.05	-0.86	0.03	0.03	6	42.36	123	96	62	0	0	3	0
	LEXINGTON	80	63	84	58	72	0	0.25	-0.49	0.25	0.25	58	41.82	127	97	72	0	0	1	0
	LOUISVILLE	81	65	87	61	73	-1	0.13	-0.57	0.09	0.10	24	36.64	116	93	60	0	0	5	0
	PADUCAH	83	61	87	56	72	-1	0.00	-0.74	0.00	0.00	0	25.46	75	99	52	0	0	0	0
LA	BATON ROUGE	91	71	92	67	81	1	1.45	0.17	0.78	0.66	92	51.22	113	95	49	7	0	4	2
	LAKE CHARLES	89	71	92	67	80	-1	0.90	-0.48	0.52	0.71	89	54.28	140	88	56	4	0	7	1
	NEW ORLEANS	88	74	91	72	81	-1	1.35	-0.20	0.46	0.85	97	59.45	128	94	73	1	0	4	1
	SHREVEPORT	89	68	91	61	78	-3	0.00	-0.61	0.00	0.00	0	43.44	125	87	45	2	0	0	0
ME	CARIBOU	67	49	73	40	58	-1	1.89	1.04	0.81	0.11	23	22.50	89	96	61	0	0	5	2
	PORTLAND	77	56	82	49	66	3	0.32	-0.38	0.30	0.00	0	27.28	92	95	60	0	0	2	0
MD	BALTIMORE	85	64	89	60	74	2	0.00	-0.90	0.00	0.00	0	32.51	113	88	50	0	0	0	0
MA	BOSTON	82	64	88	59	73	4	0.35	-0.45	0.18	0.00	0	28.71	102	82	53	0	0	2	0
	WORCESTER	79	61	85	55	70	5	0.31	-0.63	0.26	0.00	0	27.56	85	95	54	0	0	2	0
MI	ALPENA	74	52	84	45	63	2	0.14	-0.58	0.07	0.06	15	17.76	90	98	62	0	0	4	0
	GRAND RAPIDS	77	56	83	50	67	1	0.30	-0.74	0.29	0.01	2	30.03	122	94	55	0	0	2	0
	HOUGHTON LAKE	76	50	83	43	63	2	0.08	-0.78	0.05	0.02	4	19.80	101	99	69	0	0	4	0
	LANSING	78	54	83	48	66	1	1.13	0.19	1.13	0.00	0	27.33	127	94	58	0	0	1	1
	MUSKEGON	76	55	81	45	65	0	0.00	-0.94	0.00	0.00	0	28.08	132	99	67	0	0	0	0
	TRAVERSE CITY	77	56	85	49	67	3	0.02	-0.85	0.01	0.01	2	22.86	103	95	52	0	0	2	0
MN	DULUTH	71	53	83	42	62	3	0.15	-0.91	0.13	0.02	3	19.46	89	95	72	0	0	3	0
	INT'L FALLS	72	53	85	43	62	4	0.75	-0.02	0.43	0.43	98	15.42	89	98	68	0	0	4	0
	MINNEAPOLIS	83	62	88	54	72	6	0.21	-0.59	0.21	0.00	0	19.93	90	87	52	0	0	1	0
	ROCHESTER	78	58	84	53	68	5	0.48	-0.38	0.28	0.02	4	29.97	127	95	64	0	0	5	0
	ST. CLOUD	81	56	88	46	68	6	0.07	-0.79	0.03	0.01	2	20.02	99	98	56	0	0	4	0
MS	JACKSON	86	67	89	63	77	-2	1.45	0.69	0.86	1.43	325	44.71	114	94	57	0	0	3	2
	MERIDIAN	88	67	90	63	78	-2	1.82	1.07	1.78	1.82	414	41.91	100	96	57	1	0	3	1
	TUPELO	84	67	87	62	75	-2	0.21	-0.48	0.17	0.17	43	41.30	108	95	72	0	0	3	0
MO	COLUMBIA	82	61	86	55	71	-1	0.02	-0.81	0.01	0.01	2	34.79	123	95	54	0	0	2	0
	KANSAS CITY	84	63	87	59	74	1	0.02	-0.92	0.01	0.00	0	27.92	105	93	58	0	0	2	0
	SAINT LOUIS	82	63	88	58	73	-2	0.02	-0.65	0.02	0.00	0	31.35	117	99	69	0	0	1	0
	SPRINGFIELD	84	61	88	56	73	-1	0.00	-1.10	0.00	0.00	0	28.41	96	91	50	0	0	0	0
MT	BILLINGS	79	52	97	43	66	1	0.34	0.11	0.31	0.34	243	8.05	74	66	30	2	0	2	0
	BUTTE	71	38	84	29	55	-2	0.14	-0.14	0.11	0.14	88	8.97	90	95	30	0	1	2	0
	GLASGOW	81	50	97	41	66	3	0.02	-0.22	0.01	0.01	8	10.80	121	83	36	2	0	2	0
	GREAT FALLS	77	48	90	41	63	3	0.00	-0.33	0.00	0.00	0	10.74	92	68	23	1	0	0	0
	HAVRE	79	48	93	39	64	2	0.18	-0.07	0.18	0.18	129	9.44	105	78	36	1	0	1	0
	KALISPELL	71	47	85	43	59	1	0.38	0.08	0.31	0.37	218	11.77	97	91	58	0	0	4	0
	MISSOULA	74	47	86	35	60	-2	0.29	0.01	0.26	0.29	181	12.93	130	89	58	0	0	2	0
NE	GRAND ISLAND	90	59	93	52	75	6	0.00	-0.66	0.00	0.00	0	14.60	72	88	47	4	0	0	0
	LINCOLN	89	58	92	47	74	3	0.00	-0.74	0.00	0.00	0	16.80	78	93	44	5	0	0	0
	NORFOLK	90	60	94	49	75	7	0.01	-0.56	0.01	0.00	0	21.62	103	84	47	5	0	1	0
	NORTH PLATTE	89	56	91	48	73	5	0.06	-0.26	0.06	0.06	33	15.21	94	84	29	5	0	1	0
	OMAHA	87	62	91	51	74	4	0.08	-0.66	0.08	0.00	0	30.24	134	89	50	1	0	1	0
	SCOTTSBLUFF	86	51	95	42	68	2	0.12	-0.13	0.12	0.12	86	6.66	52	80	36	4	0	1	0
	VALENTINE	90	56	96	46	73	6	0.00	-0.37	0.00	0.00	0	13.40	85	75	30	5	0	0	0
NV	ELY	79	41	90	35	60	-1	0.49	0.30	0.24	0.49	445	5.36	76	55	25	1	0	3	0
	LAS VEGAS	100	76	107	66	88	2	0.00	-0.06	0.00	0.00	0	2.86	88	26	16	6	0	0	0
	RENO	87	55	98	45	71	5	0.00	-0.08	0.00	0.00	0	4.58	92	47	28	4	0	0	0
	WINNEMUCCA	84	44	96	30	64	-1	0.03	-0.07	0.01	0.01	17	3.21	57	50	23	3	1	3	0
NH	CONCORD	82	56	89	45	69	5	0.72	0.00	0.62	0.00	0	25.53	103	95	49	0	0	2	1
NJ	NEWARK	84	67	89	62	76	4	0.17	-0.75	0.17	0.00	0	31.64	98	85	56	0	0	1	0
NM	ALBUQUERQUE	84	60	88	58	72	-1	0.12	-0.18	0.09	0.09	53	8.13	126	61	26	0	0	2	0
NY	ALBANY	80	60	88	51	70	5	0.55	-0.28	0.50	0.00	0	26.59	102	97	57	0	0	3	1
	BINGHAMTON	76	60	83	54	68	5	0.01	-0.83	0.01	0.00	0	27.00	103	94	61	0	0	1	0
	BUFFALO	77	60	82	56	69	3	0.27	-0.71	0.20	0.00	0	26.81	102	94	60	0	0	2	0
	ROCHESTER	76	60	83	54	68	3	2.36	1.48	1.39	0.00	0	26.72	117	97	70	0	0	2	2
	SYRACUSE	79	60	89	54	69	3	1.84	0.90	1.06	0.01	2	31.21	118	97	61	0	0	4	2
NC	ASHEVILLE	78	63	83	59	70	1	2.27	1.29	0.63	1.25	223	30.49	91	96	65	0	0	6	2
	CHARLOTTE	83	67	88	62	75	-2	0.48	-0.38	0.36	0.00	0	30.67	102	93	62	0	0	3	0
	GREENSBORO	82	67	86	62	75	1	0.24	-0.68	0.14	0.00	0	21.41	71	92	59	0	0	3	0
	HATTERAS	82	75	86	72	79	2	0.82	-0.64	0.63	0.66	80	23.38	61	85	58	0	0	5	1
	RALEIGH	83	68	86	62	75	0	3.66	2.73	2.45	0.49	91	35.39	117	95	73	0	0	4	2
	WILMINGTON	85	72	90	67	78	0	2.77	1.05	1.14	1.22	123	36.09	88	96	63	1	0	4	3
ND	BISMARCK	83	55	99	45	69	6	0.56	0.15	0.51	0.56	243	13.33	102	87	45	1	0	3	1
	DICKINSON	83	51	100	45	67	4	0.67	0.31	0.43	0.67	335	9.61	76	88	29	2	0	3	0
	FARGO	82	59	93	49	70	7	1.59	1.07	1.35	1.35	450	18.67	119	93	52	1	0	4	1
	GRAND FORKS	76	55	92	47	66	4	0.40	-0.11	0.15	0.25	86	15.04	102	96	57	1	0	3	0
	JAMESTOWN	80	54	95	47	67	4	0.47	0.05	0.16	0.36	150	16.61	115	97	51	1	0	6	0
	WILLISTON	83	51	102	45	67	5	0.36	0.06	0.32	0.35	206	10.85	100	91	50	1	0	3	0
OH	AKRON-CANTON	77	58	80	51	68	1	0.98	0.15	0.91	0.91	194	34.66	129	96	69	0	0	3	1
	CINCINNATI	80	63	84	59	71	-1	3.22	2.46	1.29	2.58	600	35.32	116	90	64	0	0	3	3
	CLEVELAND	77	60	82	53	68	1	0.08	-0.86	0.05	0.05	9	25.96	99	91	62	0	0	3	0
	COLUMBUS	80	62	84	56	71	0	0.04	-0.71	0.02	0.02	5	35.57	129	90	60	0	0	2	0
	DAYTON	79	61	82	56	70	1	0.05	-0.65	0.03	0.03	8	34.01	120	95	56	0	0	3	0
	MANSFIELD	78																		

Weather Data for the Week Ending September 4, 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	TOLEDO	78	60	82	54	69	1	0.57	-0.19	0.28	0.28	65	20.75	90	94	60	0	0	4	0
	YOUNGSTOWN	77	56	80	50	66	0	0.22	-0.68	0.20	0.01	2	30.35	116	97	66	0	0	3	0
	OKLAHOMA CITY	86	62	89	58	74	-3	0.00	-0.74	0.00	0.00	0	25.17	102	91	44	0	0	0	0
	TULSA	89	64	91	59	76	-2	0.00	-0.94	0.00	0.00	0	35.45	125	95	51	3	0	0	0
OR	ASTORIA	70	56	74	52	63	3	0.51	0.03	0.44	0.50	179	37.93	99	95	79	0	0	5	0
	BURNS	80	41	92	34	61	2	0.00	-0.08	0.00	0.00	0	6.41	92	72	34	2	0	0	0
	EUGENE	80	50	92	47	65	0	0.82	0.47	0.61	0.82	410	20.53	70	94	69	2	0	3	1
	MEDFORD	87	53	98	45	70	0	0.00	-0.17	0.00	0.00	0	10.33	98	77	32	3	0	0	0
	PENDLETON	82	54	94	47	68	0	0.00	-0.14	0.00	0.00	0	10.85	134	65	39	2	0	0	0
	PORTLAND	77	58	87	52	68	1	0.04	-0.29	0.04	0.04	21	17.15	80	85	69	0	0	1	0
	SALEM	79	56	91	51	67	2	0.32	0.05	0.27	0.32	200	20.68	91	87	64	2	0	2	0
PA	ALLENTOWN	82	60	87	54	71	3	0.75	-0.31	0.75	0.00	0	30.17	97	92	55	0	0	1	1
	ERIE	76	61	81	54	69	1	0.20	-0.95	0.15	0.00	0	28.02	103	87	64	0	0	2	0
	MIDDLETOWN	82	65	87	61	73	2	0.00	-0.81	0.00	0.00	0	33.01	119	96	56	0	0	0	0
	PHILADELPHIA	84	67	88	63	75	2	0.41	-0.48	0.33	0.00	0	34.05	116	87	49	0	0	2	0
	PITTSBURGH	78	61	82	55	70	2	0.24	-0.56	0.14	0.00	0	38.28	142	95	61	0	0	2	0
	WILKES-BARRE	80	58	85	52	69	2	0.12	-0.73	0.12	0.00	0	26.22	103	96	53	0	0	1	0
	WILLIAMSPORT	82	60	86	53	71	3	0.01	-0.89	0.01	0.01	2	30.50	107	94	56	0	0	1	0
RI	PROVIDENCE	82	63	87	56	73	4	0.42	-0.51	0.33	0.00	0	27.21	88	91	61	0	0	2	0
SC	BEAUFORT	89	72	92	70	80	1	1.51	-0.11	0.82	0.22	24	27.32	74	97	60	3	0	5	1
	CHARLESTON	86	71	91	68	79	0	4.54	2.90	3.97	0.01	1	31.75	85	98	67	2	0	4	1
	COLUMBIA	86	72	92	69	79	1	0.47	-0.64	0.32	0.10	16	26.49	74	90	67	1	0	3	0
	GREENVILLE	83	67	90	65	75	0	0.15	-0.72	0.10	0.14	28	24.13	68	94	62	1	0	3	0
SD	ABERDEEN	85	55	92	42	70	5	0.09	-0.37	0.08	0.00	0	16.41	103	91	52	3	0	2	0
	HURON	88	58	93	44	73	7	1.23	0.82	1.20	1.21	504	21.34	130	90	37	3	0	4	1
	RAPID CITY	85	56	99	53	70	4	0.64	0.38	0.42	0.64	457	10.69	80	68	30	3	0	2	0
	SIOUX FALLS	84	59	88	47	71	5	1.65	0.98	0.83	0.00	0	25.69	138	90	55	0	0	2	2
TN	BRISTOL	82	63	85	60	72	1	0.45	-0.23	0.24	0.21	52	32.32	108	97	57	0	0	3	0
	CHATTANOOGA	84	69	89	67	77	1	0.48	-0.47	0.29	0.19	34	33.25	88	92	65	0	0	3	0
	KNOXVILLE	83	67	86	66	75	0	0.15	-0.48	0.06	0.08	22	36.88	107	95	63	0	0	4	0
	MEMPHIS	86	69	88	64	78	-1	0.12	-0.61	0.09	0.11	26	33.75	91	84	54	0	0	3	0
	NASHVILLE	82	69	86	66	76	1	2.27	1.44	2.26	2.27	473	40.93	124	90	60	0	0	2	1
TX	ABILENE	84	62	86	57	73	-6	0.01	-0.65	0.01	0.00	0	23.17	147	96	59	0	0	1	0
	AMARILLO	85	57	87	55	71	-2	0.05	-0.51	0.03	0.02	6	15.49	101	89	38	0	0	2	0
	AUSTIN	89	66	94	61	78	-5	0.16	-0.39	0.16	0.16	52	34.83	159	84	51	4	0	1	0
	BEAUMONT	89	71	93	67	80	-1	0.47	-0.90	0.23	0.35	44	43.28	108	90	51	5	0	7	0
	BROWNSVILLE	90	74	93	72	82	-1	1.50	0.40	0.60	1.22	188	21.68	133	94	71	4	0	7	2
	CORPUS CHRISTI	89	73	95	71	81	-2	3.89	2.80	3.89	3.89	617	27.54	135	93	69	3	0	1	1
	DEL RIO	88	69	94	67	79	-4	1.23	0.84	0.95	0.20	87	17.40	137	93	64	4	0	3	1
	EL PASO	87	63	91	61	75	-4	0.00	-0.39	0.00	0.00	0	8.47	140	69	35	2	0	0	0
	FORT WORTH	89	69	90	67	79	-2	0.02	-0.37	0.02	0.02	9	35.24	151	81	41	1	0	1	0
	GALVESTON	88	76	93	73	82	-1	1.95	0.62	1.89	1.89	242	32.06	114	87	53	2	0	2	1
	HOUSTON	90	71	95	65	80	-2	0.85	-0.16	0.47	0.85	147	49.11	155	88	55	5	0	2	0
	LUBBOCK	83	60	90	56	72	-3	0.57	-0.04	0.56	0.00	0	18.22	136	93	57	1	0	2	1
	MIDLAND	84	63	89	57	73	-4	0.85	0.40	0.44	0.44	169	9.26	96	89	55	0	0	3	0
	SAN ANGELO	84	64	89	59	74	-4	0.18	-0.44	0.17	0.00	0	17.71	129	93	59	0	0	2	0
	SAN ANTONIO	89	71	95	65	80	-2	0.51	-0.12	0.51	0.51	142	24.90	114	86	48	3	0	1	1
	VICTORIA	89	71	95	69	80	-3	1.59	0.59	1.27	1.52	258	47.26	180	93	62	3	0	4	1
	WACO	90	65	93	61	77	-5	0.00	-0.46	0.00	0.00	0	37.31	172	90	54	4	0	0	0
	WICHITA FALLS	87	65	89	62	76	-4	0.00	-0.68	0.00	0.00	0	25.43	130	90	52	0	0	0	0
UT	SALT LAKE CITY	81	55	96	48	68	-2	0.22	0.00	0.21	0.22	169	9.36	84	59	28	3	0	2	0
VT	BURLINGTON	75	55	87	46	65	1	3.25	2.31	2.24	0.00	0	29.22	120	96	59	0	0	3	2
VA	LYNCHBURG	82	63	84	60	72	1	0.22	-0.59	0.16	0.00	0	21.16	70	95	59	0	0	2	0
	NORFOLK	83	71	89	64	77	2	1.02	0.04	1.02	0.00	0	39.08	119	93	71	0	0	1	1
	RICHMOND	84	68	89	64	76	2	5.66	4.77	5.65	0.01	2	43.67	142	98	65	0	0	2	1
	ROANOKE	83	65	87	59	74	2	0.04	-0.85	0.04	0.00	0	27.80	93	86	53	0	0	1	0
	WASH/DULLES	85	62	89	57	74	2	0.01	-0.90	0.01	0.00	0	24.81	86	85	52	0	0	1	0
WA	OLYMPIA	75	51	82	44	63	2	0.15	-0.26	0.08	0.14	58	23.41	81	98	78	0	0	3	0
	QUILLAYUTE	68	54	72	48	61	3	0.70	-0.01	0.38	0.58	141	43.09	73	98	80	0	0	6	0
	SEATTLE-TACOMA	71	56	77	53	64	0	0.17	-0.16	0.17	0.17	89	18.44	88	89	74	0	0	1	0
	SPOKANE	77	51	88	42	64	0	0.01	-0.16	0.01	0.01	11	10.78	103	74	36	0	0	1	0
	YAKIMA	82	51	93	45	67	2	0.00	-0.08	0.00	0.00	0	6.49	131	82	44	2	0	0	0
WV	BECKLEY	76	59	81	51	67	0	0.21	-0.50	0.19	0.01	2	34.78	115	92	65	0	0	3	0
	CHARLESTON	82	63	87	58	72	2	0.47	-0.38	0.34	0.00	0	37.04	118	96	57	0	0	2	0
	ELKINS	81	57	87	51	69	3	0.42	-0.52	0.24	0.02	4	38.99	118	99	53	0	0	5	0
	HUNTINGTON	81	64	85	58	72	1	2.21	1.50	1.88	0.32	80	33.46	110	96	62	0	0	5	1
WI	EAU CLAIRE	82	57	88	50	69	5	0.31	-0.75	0.19	0.00	0	22.00	92	97	45	0	0	3	0
	GREEN BAY	78	54	85	47	66	3	0.00	-0.85	0.00	0.00	0	25.06	121	95	55	0	0	0	0
	LA CROSSE	83	61	87	55	72	5	0.23	-0.71	0.14	0.00	0	33.81	141	99	50	0	0	3	0
	MADISON	79	58	84	51	68	3	0.57	-0.34	0.27	0.27	53	32.62	135	92	58	0	0	3	0
	MILWAUKEE	76	58	84	51	67	0	0.00	-0.91	0.00	0.00	0	27.90	113	92	64	0	0	0	0
WY	CASPER	80	47	91	39	64	1	0.41	0.26	0.39	0.41	456	7.03	74	66	36	1	0	2	0
	CHEYENNE	80	50	88	47	65	4	0.37	0.01	0.29	0.37	185	9.42	76	61	29	0	0	2	0
	LANDER	75	49	90	45	62	-2	0.14	-0.02	0.10	0.14	140	11.25	120	57	38	1	0	3	0
	SHERIDAN	80	48	97	46	64	1	0.23	-0.01	0.21	0.23	164	6.56	62	62	31	2	0	2	0

National Agricultural Summary

August 30 - September 5, 2004

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Temperatures were above normal across the northern Corn Belt and northern Great Plains, promoting crop development, which remained behind normal due to persistently cool summer weather. Elsewhere in the Corn Belt, temperatures were near normal, with moderate precipitation in the east and mostly dry conditions in the west. Above-normal temperatures prevailed across the central Great Plains, while readings in the southern Great Plains were below normal. Dry conditions were favorable for winter wheat planting throughout the region, with moderate rainfall mostly confined to the southernmost areas. In the

Southeast, temperatures were near normal with moderate rainfall, though Tropical Storm Gaston and the leading edge of Hurricane Frances brought heavy precipitation to some coastal areas. Temperatures were below normal in the Mississippi Delta, with moderate rainfall generally limited to coastal areas. The Rocky Mountains were mostly dry, with some showers from monsoonal moisture over the weekend. Dry weather also prevailed along the Pacific Coast, with above-normal temperatures in California and near-normal temperatures in the Northwest.

Corn: Eighty-nine percent of the crop was at the dough stage or beyond, 5 percentage points behind last year and 6 points behind the 5-year average. Denting, at 61 percent complete, was 7 points behind last year and 13 points behind normal. Seventeen percent of the crop had reached maturity, compared with 20 percent last year and 25 percent for the 5-year average. Doughing advanced 39 points in Minnesota and 28 points in North Dakota, but remained well behind normal in both States. Progress through the dent stage was well behind normal throughout the northern Corn Belt and northern Great Plains, trailing the normal pace by 2 weeks in Minnesota and over 3 weeks in North Dakota. Maturation was ahead of normal in Indiana, North Carolina, and Pennsylvania, but behind normal in all other States.

Winter Wheat: Growers had planted 7 percent of their acreage, 1 point ahead of last year and 2 points ahead of normal. Planting had begun throughout the Great Plains, but was most advanced in Washington, where 21 percent of the expected acreage had been planted, 2 points behind normal. Winter wheat sowing had not begun in the Corn Belt

Soybeans: Fifteen percent of the acreage had begun dropping leaves, compared with 14 percent last year and 16 percent for the 5-year average. The crop was most advanced and continued to progress ahead of the normal pace in the Delta and central Corn Belt. However, development remained behind normal in the northern Corn Belt and Great Plains. In Kansas, 16 percent of the crop had dropped leaves, 18 points behind normal. None of the acreage in Michigan and Wisconsin was dropping leaves.

Cotton: Thirty-five percent of the crop had open bolls, 3 points ahead of last year but 10 points behind normal. The crop continued to progress ahead of normal along the southern Atlantic Coast, exceeding the average pace by 29 points in North Carolina and 42 points in Virginia. Meanwhile, development lagged behind normal in the Delta. In Louisiana and Tennessee, the crop was 29 points behind normal, with bolls open on 47 and 25 percent of the acreage, respectively. Twenty-two percent of Texas's crop had open bolls, 16 points behind normal.

Sorghum: Heading, at 92 percent complete, was 4 points ahead of last year but 3 points behind normal. Fifty-six percent of the acreage had turned color, compared with 59 percent last year and 72 percent for the 5-year average. Twenty-nine percent of the crop was mature, 2 points behind last year and 12 points behind normal. Growers had harvested 24 percent of the crop, 1 point behind last year and 6 points behind the average. Similar to last year, progress in all stages was behind the normal pace in both Kansas and Texas, which account for nearly three-fourths of the expected acreage for harvest.

Rice: Harvest was 27 percent complete, 1 point ahead of last year but 1 point behind the normal pace. Louisiana growers led the way with 88 percent of their acreage harvested, 8 points ahead of normal. Arkansas's crop, at 11 percent harvested, was 6 points behind normal, while Texas producers, with 84 percent of their acreage reaped, were 5 points behind the average. Harvest progress was ahead of the normal pace in all other States.

Small Grains: The spring wheat crop advanced to 62 percent harvested, 34 points behind last year and 21 points behind normal. South Dakota growers completed their harvest, while Washington producers, at 98 percent complete, were 4 points ahead of normal. With crop development delayed by cool summer conditions, harvest progress was over 3 weeks behind normal in Minnesota and over 2 weeks behind in North Dakota.

Producers had harvested 77 percent of the barley crop, compared with 96 percent last year and 85 percent for the 5-year average. Montana growers reaped one-fifth of their acreage, reaching their normal pace. Harvest, at 97 percent, neared completion in Washington, 4 points ahead of normal. Progress was behind normal elsewhere, particularly in Minnesota, where harvest was over 2 weeks behind the normal pace.

Ninety-three percent of the oat crop had been harvested, 6 points behind last year and 3 points behind normal. Harvest reached completion in Ohio and neared completion in Pennsylvania and Wisconsin, at 99 and 98 percent, respectively. North Dakota growers harvested 17 percent of their crop during the week, but remained 8 points behind normal.

Crop Progress and Condition

Week Ending September 5, 2004

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

Winter Wheat Percent Planted				
	Sep 5 2004	Prev Week	Prev Year	5-Yr Avg
AR	0	NA	0	0
CA	1	NA	0	0
CO	14	NA	9	8
ID	1	NA	2	3
IL	0	NA	0	0
IN	0	NA	0	0
KS	1	NA	2	2
MI	0	NA	0	0
MO	0	NA	0	0
MT	3	NA	1	2
NE	8	NA	9	6
NC	0	NA	0	0
OH	0	NA	0	0
OK	7	NA	5	6
OR	0	NA	0	0
SD	7	NA	8	7
TX	16	NA	11	7
WA	21	NA	31	23
18 Sts	7	NA	6	5
These 18 States planted 91% of last year's winter wheat acreage.				

Corn Percent Dough				
	Sep 5 2004	Prev Week	Prev Year	5-Yr Avg
CO	64	41	96	90
IL	99	96	96	98
IN	99	96	91	96
IA	90	81	94	95
KS	98	94	98	99
KY	100	100	96	99
MI	68	49	76	74
MN	74	35	97	97
MO	100	96	99	99
NE	94	92	96	97
NC	100	100	98	99
ND	57	29	98	98
OH	96	91	91	93
PA	91	79	69	81
SD	84	74	95	94
TN	100	100	100	100
TX	99	98	98	100
WI	56	43	83	81
18 Sts	89	79	94	95
These 18 States planted 92% of last year's corn acreage.				

Corn Percent Mature				
	Sep 5 2004	Prev Week	Prev Year	5-Yr Avg
CO	2	0	13	11
IL	27	14	17	28
IN	27	14	6	22
IA	9	2	22	26
KS	36	21	57	54
KY	60	54	57	69
MI	0	0	0	5
MN	0	0	12	9
MO	60	38	63	61
NE	3	1	12	19
NC	91	78	68	76
ND	0	0	14	12
OH	5	3	1	9
PA	25	8	4	13
SD	3	1	12	14
TN	72	58	75	81
TX	75	74	80	79
WI	0	0	0	3
18 Sts	17	11	20	25
These 18 States planted 92% of last year's corn acreage.				

Soybeans Percent Dropping Leaves				
	Sep 5 2004	Prev Week	Prev Year	5-Yr Avg
AR	26	21	14	16
IL	17	4	4	10
IN	29	12	10	23
IA	8	1	10	9
KS	16	3	31	34
KY	10	5	2	12
LA	52	41	25	37
MI	0	0	1	6
MN	2	0	21	13
MS	73	62	50	52
MO	10	4	7	9
NE	7	2	8	13
NC	4	1	5	6
ND	1	0	22	16
OH	21	5	9	20
SD	29	16	42	32
TN	17	9	11	16
WI	0	0	0	1
18 Sts	15	6	14	16
These 18 States planted 96% of last year's soybean acreage.				

Corn Percent Dented				
	Sep 5 2004	Prev Week	Prev Year	5-Yr Avg
CO	26	11	68	52
IL	87	76	71	80
IN	82	67	50	77
IA	63	39	75	80
KS	82	70	89	89
KY	91	85	87	95
MI	25	9	28	40
MN	20	6	76	71
MO	91	85	91	92
NE	64	46	73	80
NC	99	95	89	93
ND	13	2	78	70
OH	69	49	44	58
PA	71	44	34	50
SD	35	17	63	66
TN	100	99	99	98
TX	92	91	94	94
WI	14	4	44	43
18 Sts	61	46	68	74
These 18 States planted 92% of last year's corn acreage.				

Cotton Percent Bolls Opening				
	Sep 5 2004	Prev Week	Prev Year	5-Yr Avg
AL	28	18	39	48
AZ	70	60	66	73
AR	29	14	38	52
CA	50	40	27	32
GA	51	30	34	45
LA	47	40	57	76
MS	57	39	53	71
MO	32	12	18	48
NC	56	34	14	27
OK	41	21	37	28
SC	34	20	16	29
TN	25	15	28	54
TX	22	20	27	38
VA	68	54	22	26
14 Sts	35	25	32	45
These 14 States planted 98% of last year's cotton acreage.				

Barley Percent Harvested				
	Sep 5 2004	Prev Week	Prev Year	5-Yr Avg
ID	77	65	86	83
MN	65	50	99	94
MT	81	61	95	81
ND	73	57	99	86
WA	97	87	100	93
5 Sts	77	61	96	85
These 5 States harvested 85% of last year's barley acreage.				

Crop Progress and Condition

Week Ending September 5, 2004

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

Sorghum Percent Headed				
	Sep 5 2004	Prev Week	Prev Year	5-Yr Avg
AR	100	100	100	100
CO	88	79	92	89
IL	99	98	95	98
KS	91	85	88	97
LA	100	100	100	100
MO	99	98	99	100
NE	98	93	93	97
NM	72	65	72	82
OK	85	82	89	89
SD	100	95	100	99
TX	91	89	83	94
11 Sts	92	88	88	95

These 11 States planted 97% of last year's sorghum acreage.

Sorghum Percent Harvested				
	Sep 5 2004	Prev Week	Prev Year	5-Yr Avg
AR	46	NA	49	46
CO	0	NA	0	0
IL	1	NA	0	0
KS	2	NA	5	9
LA	88	NA	72	74
MO	4	NA	0	7
NE	0	NA	0	1
NM	0	NA	0	0
OK	11	NA	12	13
SD	0	NA	0	1
TX	53	NA	53	61
11 Sts	24	NA	25	30

These 11 States harvested 97% of last year's sorghum acreage.

Oats Percent Harvested				
	Sep 5 2004	Prev Week	Prev Year	5-Yr Avg
IA	100	100	100	100
MN	90	80	98	97
NE	100	100	100	100
ND	79	62	97	87
OH	100	97	100	100
PA	99	95	99	97
SD	100	100	100	100
WI	98	91	100	100
8 Sts	93	85	99	96

These 8 States harvested 66% of last year's oat acreage.

Sorghum Percent Coloring				
	Sep 5 2004	Prev Week	Prev Year	5-Yr Avg
AR	95	94	99	98
CO	29	17	51	38
IL	84	77	62	76
KS	46	34	54	70
LA	100	100	100	99
MO	84	67	66	78
NE	37	26	47	60
NM	15	11	19	30
OK	45	41	62	59
SD	70	40	73	68
TX	66	61	61	80
11 Sts	56	46	59	72

These 11 States planted 97% of last year's sorghum acreage.

Spring Wheat Percent Harvested				
	Sep 5 2004	Prev Week	Prev Year	5-Yr Avg
ID	82	69	91	84
MN	40	33	98	91
MT	70	49	96	77
ND	53	41	95	79
SD	100	98	100	100
WA	98	89	99	94
6 Sts	62	50	96	83

These 6 States harvested 99% of last year's spring wheat acreage.

Soybeans Crop Condition by Percent					
	VP	P	F	G	EX
AR	1	5	23	45	26
IL	2	5	22	54	17
IN	4	5	19	51	21
IA	3	8	24	48	17
KS	1	3	16	61	19
KY	0	3	19	44	34
LA	6	20	35	31	8
MI	3	11	39	38	9
MN	6	17	36	35	6
MS	1	5	15	49	30
MO	3	7	24	53	13
NE	4	12	30	44	10
NC	0	6	22	58	14
ND	4	13	36	41	6
OH	4	10	27	46	13
SD	3	13	29	48	7
TN	2	5	15	54	24
WI	3	10	28	39	20
18 Sts	3	9	26	47	15
Prev Wk	3	8	25	48	16
Prev Yr	9	17	31	35	8

Sorghum Percent Mature				
	Sep 5 2004	Prev Week	Prev Year	5-Yr Avg
AR	80	71	88	86
CO	6	1	22	7
IL	37	9	1	14
KS	9	3	13	24
LA	99	95	95	96
MO	26	10	17	37
NE	2	0	2	10
NM	2	2	1	0
OK	28	19	29	29
SD	4	0	8	11
TX	56	52	55	69
11 Sts	29	24	31	41

These 11 States planted 97% of last year's sorghum acreage.

Rice Percent Harvested				
	Sep 5 2004	Prev Week	Prev Year	5-Yr Avg
AR	11	3	13	17
CA	8	3	1	2
LA	88	75	80	80
MS	28	11	29	19
MO	5	1	0	3
TX	84	71	85	89
6 Sts	27	18	26	28

These 6 States harvested 100% of last year's rice acreage.

Peanuts Crop Condition by Percent					
	VP	P	F	G	EX
AL	2	7	53	30	8
FL	0	1	23	55	21
GA	2	7	34	47	10
NC	0	2	21	72	5
OK	0	2	16	68	14
TX	2	1	13	46	38
VA	0	0	19	46	35
8 Sts	2	4	29	48	17
Prev Wk	2	5	30	47	16
Prev Yr	1	4	22	53	20

Crop Progress and Condition

Week Ending September 5, 2004

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

Corn Crop Condition by Percent					
	VP	P	F	G	EX
CO	3	6	16	42	33
IL	1	3	15	58	23
IN	3	5	15	50	27
IA	2	7	21	49	21
KS	2	7	19	50	22
KY	0	4	15	46	35
MI	6	14	30	38	12
MN	4	10	33	44	9
MO	1	4	15	56	24
NE	3	7	17	50	23
NC	1	4	23	55	17
ND	6	19	35	35	5
OH	3	9	25	47	16
PA	1	3	10	42	44
SD	5	12	27	47	9
TN	0	2	10	51	37
TX	0	2	13	49	36
WI	6	16	29	38	11
18 Sts	3	7	21	49	20
Prev Wk	2	7	21	49	21
Prev Yr	11	16	29	35	9

Sorghum Crop Condition by Percent					
	VP	P	F	G	EX
AR	0	2	34	53	11
CO	0	13	28	48	11
IL	0	2	10	69	19
KS	2	9	23	49	17
LA	0	6	52	42	0
MO	0	2	24	60	14
NE	5	13	38	37	7
NM	0	12	46	38	4
OK	0	1	11	57	31
SD	20	28	27	22	3
TX	1	7	24	49	19
11 Sts	2	9	25	48	16
Prev Wk	2	7	26	49	16
Prev Yr	17	29	31	20	3

Rice Crop Condition by Percent					
	VP	P	F	G	EX
AR	0	2	22	48	28
CA	0	0	35	30	35
LA	0	7	34	48	11
MS	0	1	12	54	33
MO	1	2	8	54	35
TX	0	2	34	54	10
6 Sts	0	2	25	47	26
Prev Wk	0	2	27	48	23
Prev Yr	1	3	23	50	23

VP - Very Poor

P - Poor

F - Fair

G - Good

EX - Excellent

NA -Not Available

* Revised

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

Cotton Crop Condition by Percent					
	VP	P	F	G	EX
AL	3	5	34	50	8
AZ	1	3	29	40	27
AR	0	4	23	45	28
CA	0	0	0	30	70
GA	3	13	32	41	11
LA	9	14	29	43	5
MS	3	7	22	51	17
MO	0	0	22	66	12
NC	1	3	31	58	7
OK	1	1	39	49	10
SC	0	5	22	68	5
TN	0	1	12	61	26
TX	4	5	19	47	25
VA	0	0	18	37	45
14 Sts	3	5	22	48	22
Prev Wk	2	6	21	46	25
Prev Yr	7	12	31	37	13

Pasture and Range Crop Condition by Percent											
Week Ending July 11, 2004											
	VP	P	F	G	EX		VP	P	F	G	EX
AL	2	6	32	47	13	NH	0	0	25	42	33
AZ	26	33	17	19	5	NJ	0	0	40	60	0
AR	2	6	34	49	9	NM	9	19	31	31	10
CA	55	45	0	0	0	NY	0	8	20	56	16
CO	3	18	30	40	9	NC	1	4	21	63	11
CT	0	0	16	84	0	ND	24	19	28	25	4
DE	0	0	13	72	15	OH	1	7	25	55	12
FL	0	5	5	70	20	OK	1	2	17	55	25
GA	1	8	37	50	4	OR	3	14	42	35	6
ID	1	13	43	41	2	PA	4	10	25	44	17
IL	1	4	26	56	13	RI	0	0	30	70	0
IN	1	6	23	54	16	SC	2	8	24	61	5
IA	3	11	19	50	17	SD	22	21	34	19	4
KS	4	14	35	39	8	TN	0	2	21	62	15
KY	1	4	27	50	18	TX	3	10	30	45	12
LA	4	11	40	43	2	UT	7	15	40	36	2
ME	0	0	32	26	42	VT	0	29	36	26	9
MD	3	5	29	41	22	VA	1	5	22	51	21
MA	0	2	19	79	0	WA	3	11	33	53	0
MI	5	17	43	29	6	WV	1	18	39	39	3
MN	3	12	37	42	6	WI	4	12	30	46	8
MS	5	7	25	54	9	WY	40	26	21	9	4
MO	1	5	23	59	12	48 Sts	9	14	27	40	10
MT	26	28	30	14	2						
NE	16	27	30	26	1	Prev	8	14	27	41	10
NV	34	31	30	5	0	Prev	18	22	29	25	6

Agricultural Weather Data Compiled by USDA's Stoneville Field Office

Weather Data for the Week Ending September 4, 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	.01 INCH OR MORE	.50 INCH OR MORE	
MISSISSIPPI																				
INDIANOLA 1S	87	67	91	64	77	-	0.86	-	0.85	0.85	-	43.74	-	-	-	1	0	2	1	
INVERNESS 5E	86	69	90	65	77	-	0.44	-	0.37	0.43	-	-	-	-	-	1	0	3	0	
LYON	85	65	88	60	75	-	0.01	-	0.01	0.01	-	-	-	-	-	0	0	1	0	
MACON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ONWARD	87	66	90	63	77	-	1.09	-	1.09	1.09	-	40.51	-	-	-	1	0	1	1	
PERTHSHIRE	86	66	90	62	76	-	0.00	-	0.00	0.00	-	36.21	-	-	-	1	0	0	0	
SCOTT	86	67	89	64	76	-	0.00	-	0.00	0.00	-	38.68	-	-	-	0	0	0	0	
SIDON	87	68	93	65	78	-	0.11	-	0.08	0.02	-	33.57	-	94	78	2	0	4	0	
STARKVILLE	84	67	88	65	76	-2	0.24	-0.53	0.17	0.23	42	36.58	93	-	-	0	0	3	0	
TUNICA 1W	85	64	89	59	75	-	0.01	-	0.01	0.00	-	-	-	-	-	0	0	1	0	
VANCE	84	66	88	61	75	-	0.01	-	0.01	0.00	-	35.49	-	-	-	0	0	1	0	
VERONA	84	67	88	62	75	-	0.13	-	0.09	0.10	-	32.39	-	87	73	0	0	3	0	
STONEVILLE X	88	66	94	64	77	-1	1.04	0.43	1.01	0.02	5	43.02	118	91	77	3	0	3	1	
MISSOURI																				
NW CORNING	86	63	89	53	74	1	0.00	-1.26	0.00	0.00	0	19.91	75	-	-	0	0	0	0	
ALBANY	84	59	86	54	71	-2	0.00	-0.99	0.00	0.00	0	29.45	111	82	69	0	0	0	0	
ST. JOSEPH	83	63	84	57	72	-1	0.00	-0.83	0.00	0.00	0	32.27	126	-	-	0	0	0	0	
NC LINNEUS	83	59	86	54	71	-1	0.00	-0.78	0.00	0.00	0	31.28	119	78	67	0	0	0	0	
BRUNSWICK	86	60	89	55	71	-2	0.00	-0.77	0.00	0.00	0	31.16	115	81	70	0	0	0	0	
NE NOVELTY	82	58	85	53	70	-3	0.00	-0.69	0.00	0.00	0	25.50	103	77	67	0	0	0	0	
MONROE CITY	83	57	85	52	69	-4	0.00	-0.93	0.00	0.00	0	22.60	87	78	66	0	0	0	0	
C AUXVASSE	82	60	85	54	70	-3	0.00	-0.92	0.00	0.00	0	27.67	100	78	66	0	0	0	0	
SANBORN FIELD	83	62	86	57	72	-2	0.00	-1.02	0.00	0.00	0	30.97	107	81	69	0	0	0	0	
COLUMBIA	83	61	87	56	71	-3	0.00	-1.01	0.00	0.00	0	31.78	110	-	-	0	0	0	0	
VERSAILLES	85	61	87	56	72	-2	0.00	-0.80	0.00	0.00	0	-	-	80	68	0	0	0	0	
EC COOK STATION	83	54	87	49	67	-7	0.00	-0.76	0.00	0.00	0	26.35	89	76	71	0	0	0	0	
SW LAMAR	85	61	87	57	72	-4	0.00	-1.08	0.00	0.00	0	31.97	99	82	71	0	0	0	0	
SE DELTA	83	61	88	57	71	-5	0.01	-1.20	0.01	0.00	0	24.46	79	78	70	0	0	1	0	
CHARLESTON	82	63	85	59	72	-4	0.21	-0.58	0.21	0.00	0	19.68	60	85	70	0	0	1	0	
GLENNONVILLE	83	61	88	57	71	-6	0.00	-0.84	0.00	0.00	0	23.21	79	81	70	0	0	0	0	
CLARKTON	83	62	89	58	72	-5	0.01	-0.82	0.01	0.00	0	24.60	82	87	70	0	0	1	0	
PORTAGEVILLE DC	82	64	87	61	73	-4	0.00	-0.87	0.00	0.00	0	34.52	109	88	71	0	0	0	0	
PORTAGEVILLE LF	82	63	87	60	72	-4	0.00	-0.87	0.00	0.00	0	34.93	110	86	69	0	0	0	0	
STEELE	84	63	88	59	73	-3	0.00	-0.99	0.00	0.00	0	31.81	94	85	75	0	0	0	0	
CARDWELL	82	62	86	59	71	-6	0.01	-0.86	0.01	0.00	0	32.16	99	87	72	0	0	1	0	

Compiled by USDA/OCE/WAOB's Stoneville Field Office.

X Based on 1971-2000 normals.

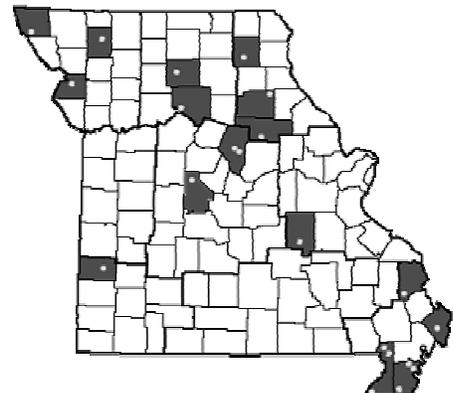
- Sufficient data not available.

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

Weather and Crop Summary for the Mississippi Delta: Most of the week featured warm, dry weather, which provided several suitable days for fieldwork. The first application of cotton defoliant was made in anticipation of harvest. Corn, sorghum, rice, and soybean harvesting continued, although isolated showers caused minor fieldwork delays.

Note: For information on the weather stations in the Missouri Bootheel and recently added stations elsewhere in the State, please visit:

<http://agebb.missouri.edu/weather/stations/index.htm>



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 5.2. Topsoil 3% very short, 17% short, 62% adequate, 18% surplus. Corn 91% mature, 86% 2003, 86% avg.; 28% harvested, 41% 2003, 45% avg.; condition 0% very poor, 2% poor, 12% fair, 59% good, 27% excellent. Soybeans 94% setting pods, 81% 2003, 87% avg.; 42% dropping leaves, 11% 2003, 18% avg.; 1% harvested, 2003 and average not available. Soybean condition 1% very poor, 2% poor, 8% fair, 79% good, 10% excellent. Pasture feed 2% very poor, 6% poor, 32% fair, 47% good, 13% excellent. Livestock condition 1% very poor, 3% poor, 20% fair, 59% good, 17% excellent. Growers are waiting to see what Hurricane Francis will bring.

ALASKA: Days suitable for fieldwork last week 5.0. Topsoil 70% short, 30% adequate. Average temperatures for the week were below normal for the first time in months. Hard frosts were reported on the Kenai, in the Delta Junction area. Barley 10% ripe, 90% harvested. Oat 20% ripe, 80% harvested. Potatoes 15% harvest. The second harvest of hay was reported as 40% complete. A second cutting may not be possible on some acres due to earlier dry conditions. No wind or rain damage to small grains was reported. Winter supplies of hay 10% short, 85% adequate, 5% surplus. Activities Included: Harvesting vegetables, hay, potatoes, small grains, baling straw, equipment repair, fencing and preparing for winter.

ARIZONA: Temperatures for the State were above normal for the first week of September. Alfalfa condition remains mostly good. Cotton bolls have opened on seventy percent of the acreage ahead of last year but slightly below the 5-year average. Precipitation was reported at 10 of the 17 reporting stations, ranging from 0.02 inches in Prescott to 0.48 inches in Canyon De Chelly.

ARKANSAS: Days suitable for fieldwork: 6.5 Soil 5% very short, 38% short, 56% adequate, 1% surplus Corn 100% dented, 100% 2003, 100% 4-yr avg.; 98% matured, 98% 2003, 98% 4-yr avg.; 63% harvested, 53% 2003, 62% 5-yr avg.; condition 0% very poor, 2% poor, 26% fair, 53% good, 19% excellent. Soybeans 100% bloomed, 100% 2003, 100% 5-yr avg.; 97% setting pods, 98% 2003, 96% 5-yr avg.; 37% yellowing, 23% 2003, 21% 4-yr avg.; 26% shedding, 14% 2003, 16% 5-yr avg.; 21% matured, 7% 2003, N/A 5-year avg.; 14% harvested, N/A 2003, N/A 5-yr avg.; condition 1% very poor, 5% poor, 23% fair, 45% good, 26% excellent. Sorghum 95% colored, 99% 2003, 98% 5-yr avg.; 80% matured, 88% 2003, 86% 5-yr avg.; 46% harvested, 49% 2003, 46% 5-yr avg. condition 0% very poor, 2% poor, 34% fair, 53% good, 11% excellent. Cotton 29% open bolls, 38% 2003, 52% 5-yr avg.; condition 0% very poor, 4% poor, 23% fair, 45% good, 28% excellent. Rice 93% headed, 100% 2003, 99% 5-yr avg.; 11% harvested, 13% 2003, 17% 5-yr avg.; condition 0% very poor, 2% poor, 22% fair, 48% good, 28% excellent. Winter wheat 0% planted, N/A 2003, N/A 5-yr avg. Hay-Other condition 1% very poor, 5% poor, 32% fair, 48% good, 14% excellent. Hay-Alfalfa condition 1% very poor, 4% poor, 31% fair, 62% good, 2% excellent. Pasture, Range condition 2% very poor, 6% poor, 34% fair, 49% good, 9% excellent. Very little rain fell this week. CROPS: Corn harvest is in full swing. A few soybean fields around the state are dealing with insects, disease. However, early bean harvest continues to progress well. Some parts of the state are discontinuing cotton irrigation, beginning defoliation. Rice harvest is finally getting into gear, though some northeastern counties continue to lag behind. Producers continue land preparation for winter wheat. LIVESTOCK: Livestock are in good condition. Producers spent the week applying lime to pastures and selling fall calves.

CALIFORNIA: Warm temperatures across the State were beneficial to field crop condition. Field preparations were ongoing in preparation for the fall planting season. Straw was baled in some harvested grain fields. The cotton crop was maturing well as bolls continued to open across the State. Irrigation was winding down in some fields as harvest approached. Rice was fully headed out, reported to be in very good condition overall. Harvesting was underway in many areas with good yields noted. Other fields were being drained to prepare for harvest. Planting of winter wheat was underway in a few fields. Many fields of corn were harvested for grain, green chop, silage. Maturing fields were irrigated, treated with insecticides. Alfalfa continued to be harvested for hay, silage, green chop, seed. Hay quality was reported as good to excellent. Excellent yields were reported for the sugar beet crop being harvested. Insecticides were applied in many fields. Blackeye beans were being cut, windrowed to dry. Harvesting of safflower, sunflower, vineseed, potatoes, sweet potatoes continued. This season's raisin harvest was well underway, with approximately 60% of the crop harvested to date. Much of the harvested crop was still drying on trays. Raisin growers were cultivating, terracing in vineyards that were not prepared for harvest. Harvesting was also in progress in a few dried-on-the-vine raisin vineyards as fruit moisture content reached acceptable levels. Wine grape, table grape harvesting also continued. Picking continued in stone fruit orchards as later season varieties reached maturity. Varieties reported included Autumn Flame, September Sun peaches, Emerald Beaut, Angeleno plums, August Red, September Red nectarines. Irrigation, summer pruning, weed control work, brush shredding were underway in harvested stone fruit orchards. Stumps, brush were piled to dry in fields where harvested stone fruit orchards were removed. Apples, Asian pears, pomegranates were picked in several locations. Irrigation continued in a few orchards with maturing fruit. Persimmons, pomegranates were sizing well, but the external coloring of pomegranates was slowed due to warm weather. Strawberries continued to be planted in the San Joaquin Valley. Valencia orange harvesting continued but remained slow due to poor fruit quality. Puff of large fruit, soft rind, regreening affected packouts. The Navel crop was progressing well. Citrus groves were irrigated in response to the warm, dry weather conditions. Insecticide, herbicide, fertilizer applications continued. Olive orchards continued to be treated for fruit flies. Olive harvesting began in a few orchards in Colusa county, was expected to start next week in the southern areas of the San Joaquin Valley. Harvesting of pistachios commenced in the southern San Joaquin Valley, with good yields reported. Harvesting of early walnut varieties also began in Tulare County. Almond harvesting continued at a steady pace across the State. Trees were shaken, nuts were swept into windrows, picked up, hauled to processors. Late planted summer vegetables showed strong development. Fields continued to be cultivated, irrigated, treated to control insect pests as needed. Worm sprays were applied to broccoli fields. Some bean, cucumber, fresh market tomato fields were sprayed for aphids. Planting of broccoli transplants continued. Lettuce, cilantro, and fall pumpkins were planted. Freezer lima bean harvesting began in Merced County. Harvesting of both fresh market, processing tomatoes, cantaloupe, honeydew, watermelon, peppers, squash, sweet corn, eggplant continued. Very high yields were noted in many processing tomato fields, some of the excess crop was being disked under. Melon harvesting was nearing completion in Kern County. The following vegetables were also harvested: bittermelon, bok choy, carrots, daikon, lemon grass, long bean, moqua, okra, opo, parsley, sinqua, snake gourd, sugar cane, taro leaf, and various herbs. Non-irrigated mountain summer pastures were declining as hot, dry weather returned. Grass was still adequate on some irrigated pastures. Yearling feeder cattle have begun to ship from summer pastures, with many going to out-of-state feedlots. Cattle were in mostly good condition. Cattle

remaining on dry foothill pastures were receiving supplemental feed. Fall calving was underway. Hot temperatures late in the period were stressful to milk cows. Stock ewes were grazing on stubble in harvested grain fields. A few ewes were moving to the southern San Joaquin Valley floor earlier than usual. Some beehives were being transported to mountain areas where blooming flowers and weeds were still a pollen source.

COLORADO: Days suitable for fieldwork 6.3. Topsoil 7% very short, 24% short, 66% adequate 3% surplus. Subsoil 10% very short, 37% short, 50% adequate, 3% surplus. Temperatures across the state were slightly above seasonal normals for this time of year. Showers were received throughout most of the Western Slope, mountain areas, the Eastern Plains received spotty thunderstorms. Spring wheat 72% harvested, 89% 2003, 76% avg.; condition 2% poor, 36% fair, 52% good, 10% excellent. Spring barley 83% harvested, 96% 2003, 94% avg.; condition 4% poor, 32% fair, 49% good, 15% excellent. Sunflower condition 1% very poor, 3% poor, 19% fair, 49% good 28% excellent. Alfalfa hay 2nd cutting 95%, 99% 2003, 99% avg.; 3rd cutting 45%, 46% 2003, 50% avg.; condition 9% poor, 39% fair, 40% good, 12% excellent. Dry beans 19% cut, 23% 2003, 26% avg.; 3% harvested, 8% 2003, 14% avg.; condition 1% very poor, 2% poor, 25% fair, 42% good, 30% excellent. Dry onions 50% harvested, 47% 2003, 48% avg.; condition 1% very poor, 2% poor, 29% fair, 55% good, 13% excellent. Summer potatoes 51% harvested, 60% 2003, 53% avg.; condition 2% poor, 35% fair, 55% good, 8% excellent. Fall potatoes 5% harvested, 7% 2003, 6% avg.; condition 11% poor, 26% fair, 45% good, 18% excellent. Sugar beets condition 2% poor, 39% fair, 43% good, 16% excellent.

DELAWARE: Days suitable for fieldwork 5.7. Topsoil 13% short, 81% adequate, 6% surplus. Subsoil 7% very short, 7% short, 84% adequate, 2% surplus. Field corn condition 6% very poor, 10% poor, 21% fair, 37% good, 26% excellent; 92% dent, 39% 2003, 71% avg.; 56% mature, 14% 2003, 33% avg.; 12% harvested for grain, 0% 2003, 3% avg. Soybean condition 3% poor, 8% fair, 71% good, 18% excellent; 92% setting pods, 79% 2003, 82% avg.; 5% turning color, 0% 2003, 11% avg. Sorghum condition 21% fair, 69% good, 10% excellent; 30% coloring, 12% 2003, 32% avg. Pasture feed 13% fair, 72% good, 15% excellent. Other hay 3rd cutting 78%, 70% 2003, 82% avg. Alfalfa hay 3rd cutting 90%, 79% 2003, 92% avg.; 4th cutting 30%, 15% 2003, 34% avg. Apple condition 2% poor, 11% fair, 56% good, 31% excellent; 25% harvested, 25% 2003, 36% avg. Peaches 96% harvested, 92% 2003, 92% avg. Watermelons 89% harvested, 76% 2003, 88% avg. Cucumbers 85% harvested, 74% 2003, 79% avg. Lima Beans 65% for processing harvested, 23% 2003, 27% avg. Snap beans 97% harvested, 86% 2003, 87% avg. Sweet Corn 88% harvested, 81% 2003, 84% avg. Potatoes 82% harvested, 78% 2003, 81% avg. Tomatoes 86% harvested, 53% 2003, 74% avg. Cantaloups 88% harvested, 87% 2003, 92% avg. Corn silage 40% harvested, 17% 2003, 47% avg. Hay supplies 10% short, 70% adequate, 20% surplus. State farmers were harvesting corn for grain, silage in hopes of beating some of the wet weather coming our way this week. Soybeans are in good to excellent condition, many fields are turning color, starting to drop leaves. Other hay third cutting harvest progressed rapidly last week. Farmers are starting their fourth cutting of alfalfa, other hay. Vegetable harvest nears completion for watermelons, snap beans, sweet corn, tomatoes, cantaloups. Harvest of peaches is done and apples are a quarter of the way done.

FLORIDA: Topsoil 4% very short, 5% short, 57% adequate, 34% surplus. Subsoil 1% very short, 9% short, 57% adequate, 33% surplus. Rain totals, major cities through September 4 ranged from less than 0.50 in. Orlando to over 9.00 in. West Palm Beach. Temperatures, major cities, hovered within 2°. of normal; daytime highs 80s, 90s; nighttime lows 60s, 70s. Post Hurricane Frances preliminary rain totals, 7 days through Labor Day: 8.00 to 12.00 in. most southeastern Peninsula counties; 4.00 to 12.00 in. some inland central Peninsula counties; 1.00 to 8.00 in. northwest Peninsula; 1.00 to 4.00 in. Panhandle. A few Panhandle localities, a large portion of Miami-Dade County received no rain from Hurricane Frances. Strong winds tossed crops, heavy rains flooded

fields in areas affected by storm. Peanut condition 1% poor, 23% Fair, 55% good, 21% excellent. Corn picking ahead of schedule, Washington County. Peanuts, cotton, soybeans needed some precipitation prior to storm. Soggy fields now delaying peanut harvesting, northern Peninsula, Panhandle; Madison County producers increased digging prior to storm. Strong winds tossed plastic laid for fall vegetable planting, tattered leaves on earlier planted vegetables, some southern Peninsula areas; most acreage expected to recover. East Coast growers currently assessing vegetable crop damages, some losses expected. Wind-borne sand blasted immature fruit in some older vegetable fields. Some producers delaying planting fall vegetables to avoid possible damage from another tropical system; a few others may not plant fall crops. Some producers sprayed vegetables for disease control after storm passed. Most vegetable acreage, Miami-Dade County, escaped damage from storm; okra harvesting very active prior to storm. For the second time in nearly three weeks a major hurricane affected citrus; east coast counties hard hit with high winds, heavy rainfall, major loss to grapefruit. Interior counties affected again; hurricanes crossed paths south of Alturas, central Polk County; more fruit lost, more tree limb breakage reported. Growers moving water from tree roots, assessing damage, loss. Pasture feed: 5% poor, 5% fair, 70% good, 20% excellent. Cattle Condition 5% fair, 90% good, 5% excellent. Panhandle, central and southeastern Peninsula: heavy rain, high wind from Hurricane Frances damaged some dairies; some flooded pastures in all areas. Power outages delayed milking in hurricane's path; scheduled milk pickup disrupted by weather problems at some plants. Pasture feed, Statewide, before hurricane, mostly good. Statewide: most cattle in good condition.

GEORGIA: Days suitable for field work 5.1. Soil 2% very short, 21% short, 62% adequate, 15% surplus. Corn 66% harvested for grain, 63% 2003, 69% avg. Cotton 0% harvested, 0% 2003, 3% avg. Hay 2% very poor, 9% poor, 35% fair, 50% good, 4% excellent. Peanuts 5% dug, 3% 2003, 5% avg.; 2% combined, 1% 2003, 2% avg. Rye 1% planted, 1% 2003, 1% avg. Sorghum 12% poor, 38% fair, 45% good, 5% excellent; 27% harvested for grain, 30% 2003, 26% avg. Soybeans 98% setting pods, 95% 2003, 92% avg. Tobacco 98% harvested, 94% 2003, 94% avg. Apples 11% poor, 16% fair, 61% good, 12% excellent; 28% harvested, 25% 2003, 25% avg. Pecans 8% very poor, 22% poor, 36% fair, 33% good, 1% excellent. Heavy rains, thunderstorms slowed fieldwork activities last week, according to the State Agricultural Statistics Service. Over the weekend, Tropical Storm Frances provided much of the southern parts of the state with much needed rainfall. Two to three inches of rain were common throughout the State, some areas received more. Soil moisture conditions improved with the recent rains. Crop conditions continued in mostly good to fair condition. Growers were getting in as much fieldwork activity as possible during the week. Corn, sorghum harvest progressed prior to the wet conditions. Tobacco harvest neared completion. Peanut harvest was underway on a limited scale. Thunderstorms coupled with high winds made fungicide, insecticide applications on peanuts, pecans difficult. Activities: Cattlemen weaned calves, growers were preparing land for planting fall grains, spraying fall vegetables for insects, harvesting apples and grapes.

HAWAII: Light to nonexistent trade winds brought sunny, dry weather to the State during the past week. Showers were light, confined to windward, mountain areas during the evening, early morning hours. Banana, papaya orchards were in mostly fair-to-good condition with steady harvests. Regular spraying was necessary for disease, insect control. Vegetable crops made generally good progress with fair-to-good yields.

IDAHO: Days suitable for fieldwork 6.1. Topsoil 18% very short, 32% short, 49% adequate, 1% surplus. Excessive rainfall in the northern part of the state has caused severe damage to most cereal crops, as well as the pea and lentil crops. Fruit harvest throughout the state is progressing ahead of the five-year average, with the plum, prune harvest complete. Winter wheat 97% harvested, 100% 2003, 97% avg. Field corn 6% harvested for silage, 8% 2003, 8% avg. Oats

66% harvested for grain, 81% 2003, 67% avg. Onions 24% harvested, 33% 2003, 21% avg. Potato condition 5% poor, 5% fair, 81% good, 14% excellent; Vines Dying/Killed 58%, 57% 2003, 42% avg.; 7% harvested, 6% 2003, 7% avg. Dry beans 24% harvested, 36% 2003, 27% avg. Dry peas 94% harvested, 97% 2003, 90% avg. Lentils 96% harvested, 98% 2003, 90% avg. Alfalfa hay 2nd cutting harvested 96%, 97% 2003, 98% avg.; 3rd cutting harvested 63%, 62% 2003, 61% avg. 4th cutting harvested 19%, 21% 2003, 14% avg. Irrigation water supply 11% very poor, 27% poor, 38% fair, 24% good. Activities Included: Feeding, caring for livestock, spraying fungicides, planting winter wheat, cutting alfalfa hay, harvesting small grains, peas, lentils, potatoes, and fruit.

ILLINOIS: Days suitable for fieldwork 5.6. Topsoil 1% very short, 7% short, 83% adequate, 9% surplus. Sorghum 84% coloring, 62% 2003, 76% avg.; 37% mature, 1% 2003, 14% avg. Soybeans 48% turning yellow, 20% 2003, 34% avg. Alfalfa 3rd cut 84%, 92% 2003, 88% avg. The warmer weather last week has helped aid in the maturing of most crops in the state. Farmers were busy with many different projects: Early harvest of corn, soybeans, preparing machinery, grain handling equipment for harvest, mowing waterways, ditches, baling hay, harvesting fruit, and chopping silage.

INDIANA: Days suitable for fieldwork 4.7. Topsoil 1% very short, 6% short, 79% adequate, 14% surplus. Subsoil 1% very short, 9% short, 81% adequate, 9% surplus. Favorable weather, sunshine during most of the week helped corn, soybeans advance toward maturity. Several fields of corn were harvested, mostly in the southwest. Soybean harvest was also underway in a few fields. Rain slowed field activities in some areas during the week. The precipitation will help pod fill in soybean fields. Most of the early planted corn, soybean fields are rapidly advancing toward maturity. Harvesting of corn for silage, seed corn was underway in the northern region. Some corn lodging due to weak stalks. Cutting, baling of hay made good progress. Cleaning out grain bins, preparing equipment for fall harvest were major activities. Temperatures averaged 4° below to 3° above normal for the week. Precipitation averaged 0.00 to 1.34 inches. Alfalfa hay 3rd cutting 89% complete, 77% 2003, 89% avg. Tobacco harvest 40% complete, 33% 2003, 46% avg. Pastures 1% very poor, 6% poor, 23% fair, 54% good, 16% excellent. Livestock are in mostly good condition. Activities: Tillage of soils, hauling grain to market, scouting fields, attending field days, mowing roadsides, hauling manure and taking care of livestock.

IOWA: Days suitable for fieldwork 6.0. Topsoil 5% very short, 14% short, 73% adequate, 8% surplus. Subsoil 4% very short, 16% short, 74% adequate, 6% surplus. Reporters across the top third of the state indicate conditions are still very dry with pastures, crops starting to show moisture stress. Heat units are still needed across the state to help mature the corn, soybean crops. There were scattered reports of soybeans turning prematurely due to white mold, other diseases. Producers in the middle to lower third of the state reported some storm damage from hail, winds. Field Crops Report: Corn acreage in or past dough stage 90%, behind 2003 progress of 94%, behind the 5-yr avg 95% dough stage, acreage in or past dent stage 63% trailing 2003 progress of 75%, 5-yr avg 80% dent at this time, acreage in mature stage 9%, 5 days behind 2003 22%, 7 days behind the 5-yr avg 26%, condition 2% very poor, 7% poor, 21% fair, 49% good, 21% excellent. Soybean acreage with leaves turning color 39%, slightly ahead of both 2003 progress, the 5-yr avg of 36%, acreage dropping leaves 8%, compared with 2003 progress of 10%, the 5-yr avg 9% dropping leaves, condition 3% very poor, 8% poor, 24% fair, 48% good, 17% excellent. Alfalfa hay 3rd cutting complete 79%, behind both 2003 progress of 84%, 5-yr avg 81% complete. Hay condition 1% very poor, 4% poor, 23% fair, 56% good, 16% excellent. Livestock, Pasture, Range Report: With the moderate temperatures it was another good week for livestock, although there were some reports of pinkeye in calves, an increase in flies. Pasture, range feed 3% very poor, 11% poor, 19% fair, 50% good, 17% excellent.

KANSAS: Days suitable for fieldwork 6.1. Topsoil 5% very short, 38% short, 55% adequate, 2% surplus. Subsoil 10% very short, 32% short, 58% adequate. Corn 6% harvested for grain, 21% 2003, 16% avg. Sunflowers 3% harvested, 2% 2003, 4% avg. Alfalfa 4th cutting 59%, 38% 2003, 54% avg. Winter wheat 1% planted, 2% 2003, 2% avg. Range, pasture feeds 4% very poor, 14% poor, 35% fair, 39% good, 8% excellent. Feed grain supplies 3% very short, 9% short, 82% adequate, 6% surplus. Hay, forage supplies 1% very short, 7% short, 79% adequate, 13% surplus. Stock water supplies 4% very short, 13% short, 82% adequate, 1% surplus.

KENTUCKY: Days suitable fieldwork 5.2. Topsoil 1% very short, 17% short, 74% adequate, 8% surplus. Subsoil 1% very short, 19% short, 73% adequate, 7% surplus. Another week of above average temperatures, occasional showers for the state. Harvesting corn, cutting tobacco gained momentum. Corn, soybean yields are expected to be above average in most places. A few reports indicated some problems with excess rain, disease in some corn, soybean fields. Crop conditions remained the same, thanks to the occasional, timely showers. Burley cut 65%, 41% 2003, 62% avg. Dark tobacco cut 58%. Quality of the cut tobacco continues to be average. Twenty-four percent of the early housed tobacco shows some burn. Condition of tobacco in field 3% very poor, 8% poor, 22% fair, 47% good, 20% excellent. Hay condition 1% very poor, 5% poor, 24% fair, 51% good, 19% excellent. Pasture feed 1% very poor, 4% poor, 27% fair, 50% good, 18% excellent.

LOUISIANA: Days suitable for fieldwork 6.1. Soil 14% very short, 35% short, 49% adequate, 2% surplus. Corn 93% harvested, 80% last week, 78% 2003, 86% avg. Cotton 1% harvested, 0% last week, 1% 2003, 3% avg. Hay 2nd cutting 93%, 90% last week, 96% 2003, 88% avg. Rice 97% ripe, 92% last week, 96% 2003, 96% avg. Soybeans 62% turning color, 54% last week, 50% 2003, 58% avg.; 36% harvested, 23% last week, 12% 2003, 15% avg. Sugarcane 1% very poor, 7% poor, 34% fair, 43% good, 15% excellent; 72% planted, 60% last week, 65% 2003, 65% avg. Sweet potatoes 4% harvested, 3% last week, 19% 2003, 18% avg. Livestock 1% very poor, 5% poor, 29% fair, 56% good, 9% excellent. Vegetable 12% very poor, 20% poor, 44% fair, 22% good, 2% excellent.

MARYLAND: Days suitable for fieldwork 6.1. Topsoil 4% very short, 22% short, 68% adequate, 6% surplus. Subsoil 2% very short, 9% short, 87% adequate, 2% surplus. Field corn condition 3% very poor, 3% poor, 16% fair, 34% good, 44% excellent; 85% dent, 45% 2003, 64% avg.; 48% corn mature, 8% 2003, 32% avg.; 6% harvested for grain, 0% 2003, 6% avg. Soybean condition 2% very poor, 5% poor, 18% fair, 45% good, 30% excellent; 93% setting pods, 60% 2003, 84% avg.; 9% turning color, 0% 2003, 12% avg. Sorghum condition 5% fair, 70% good, 25% excellent; 30% coloring, 4% 2003, 23% avg. Pasture feed 3% very poor, 5% poor, 29% fair, 41% good, 22% excellent. Tobacco 69% harvested, 29% 2003, 56% avg. Other hay 3rd cutting 70%, 39% 2003, 63% avg.; 4th cutting 13%, 3% 2003, 10% avg. Alfalfa hay 3rd cutting 90%, 78% 2003, 87% avg.; 4th cutting 30%, 6% 2003, 34% avg. Apple condition 5% poor, 23% fair, 60% good, 12% excellent; 35% harvested, 15% 2003, 23% avg. Peaches 95% harvested, 91% 2003, 93% avg. Watermelons 88% harvested, 83% 2003, 85% avg. Cucumbers 78% harvested, 70% 2003, 80% avg. Lima Beans for processing 66% harvested, 32% 2003, 45% avg. Snap beans 93% harvested, 86% 2003, 85% avg. Potatoes 88% harvested, 83% 2003, 96% avg. Tomatoes 81% harvested, 77% 2003, 82% avg. Cantaloups 89% harvested, 80% 2003, 88% avg. Corn silage 43% harvested, 10% 2003, 34% avg. Hay supplies 6% very short, 14% short, 75% adequate, 5% surplus. State farmers were busy harvesting corn, vegetables, cutting hay last week. Corn, soybeans are in good to excellent condition. Corn is maturing fast, harvest is underway. Corn silage harvest is progressing fast with 43% complete, compared to 10% 2003, 34% 5-yr avg. Soybeans are turning color, starting to drop their leaves. Alfalfa 3rd cutting other hay is nearing completion with 90% and 70% complete, respectively. Vegetable harvest should be finishing up

in the next two weeks for watermelons, snap beans, potatoes, and cantaloups.

MICHIGAN: Days suitable for fieldwork 6. Subsoil 6% very short, 27% short, 66% adequate, 1% surplus. Corn 98% silked, 100% 2003, 100% avg.; 1% silage harvested, 11% 2003, 12% avg. Soybeans 98% blooming, 100% 2003, 100% avg.; 92% setting pods, 99% 2003, 98% avg.; 10% turning, 14% 2003, 28% avg. Potatoes 19% harvested, NA 2003, NA avg. All hay 3% very poor, 14% poor, 38% fair, 36% good, 9% excellent. Hay 2nd cutting 93%, 97% 2003, 97% avg.; 3rd cutting 51%, 53% 2003, 54% avg.; 4th cutting 4%, 0% 2003, 2% avg. Dry beans 5% very poor, 18% poor, 31% fair, 37% good, 9% excellent; 100% setting pods, 100% 2003, 100% avg.; 50% turning, 59% 2003, 61% avg. Apples 4% harvested, NA 2003, NA avg. Blueberries 97% harvested, 96% 2003, NA avg. State finally received some warm weather, adding important growing degree days to season total. Temperatures above normal across State, ranging from 1 degree above normal southwest Lower Peninsula to 5° above normal western Upper Peninsula, northwest Lower Peninsula. Across State, sunshine general rule, precipitation limited, especially districts where some additional moisture needed. Amounts ranged from 0.05 inches west central Lower Peninsula to 0.70 inches southwest Lower Peninsula. Many crops across State last week aided by hot, humid weather. Hay harvest continued, heavy dew made it difficult to dry. Second cutting wrapping up some areas. Third cutting harvest progressed nicely. Corn progressed with help of warm, humid weather. Growers hoping for more warm days so corn, soybean crops can mature. Soybean crop continued to advance slowly with good color, needs time to finish filling pods. Dry beans, sugarbeets looked good. Oat, barley harvest continued. Growers continued to harvest apples southwest, size, color excellent. In southeast, McIntosh harvest underway, Gala, Honeycrisp being spot picked. Apples southeast looked excellent. In Ridge area, McIntosh harvest proceeded. Blueberry harvest completed southeast. Harvest of peaches winding down southwest, continued northwest, west central. Plum harvest finishing southwest, light crop expected. In southwest, pear harvest continued. Harvest continued southeast. In west central, pear harvest coming to end. Codling moth alert issued for fruit tree growers southeast. Codling moth trap catches have generally been higher than normal throughout State for this time of year. Warmer temperatures helped move along vegetable crops. Harvest of many vegetables continued statewide. Insect pressure from squash bugs, cucumber beetles, tarnished plant bugs reported. Potato and aster leafhopper pressure limited. Some corn borer, corn earworms noted, numbers low. Potato harvest continued to pick up. Growers reported starting harvest or planning to start shortly. Late sweet corn harvest progressed. Picking neared completion some areas. Harvest of first planted snap beans wrapped up west central. Later plantings continued to mature. Processing tomato harvest progressed southeast. Recent cool weather not conducive to crop progress. Fresh market picking continued several districts, growers found many green tomatoes on vine. Carrot harvest moved along southeast, west central. Cool summer weather good for sizing crop west central. Storage onions maturing southeast, fresh market harvest continued. Warm weather helped zucchini crop west central. Pumpkins starting to color. Powdery mildew continued to be a problem in pumpkins and other vine crops. Watermelon harvest increased southeast. In asparagus, very few disease problems reported due primarily to cool, dry summer.

MINNESOTA: Days suitable for fieldwork 5.6. Topsoil 2% very short, 19% short, 75% adequate, 4% surplus. Corn 8% silage cut, 40% 2003, 22% avg. Soybeans 32% turning yellow, 63% 2003, 50% avg.; 0% mature, 3% 2003, 1% avg. Canola 42% harvested, 80% 2003, 56% avg. Potatoes 40% harvested, 35% 2003, 18% avg. Sweet corn 58% harvested, 69% 2003, 74% avg. Pasture feed 3% very poor, 12% poor, 37% fair, 42% good, 6% excellent. Sugarbeets 1% very poor, 8% poor, 32% fair, 52% good, 7% excellent. Dry Beans 27% very poor, 18% poor, 34% fair, 21% good, 0% excellent. Canola 6% very poor, 27% poor, 53% fair, 14% good, 0% excellent. Potatoes 3% very poor, 9% poor, 29% fair, 50% good, 9% excellent. Sunflowers 8% very poor, 25% poor, 37% fair, 27% good, 3% excellent. State farmers are hopeful that the warm temperatures received this past week will continue. The

warm, sunny conditions helped improve corn condition, development, while soybean condition continued to deteriorate. Some producers were reporting white mold on soybeans. The average temperature for the week was 68.5 degrees, 5.5 degrees above normal.

MISSISSIPPI: Days suitable for fieldwork 5.5. Soil 24% short, 72% adequate, 4% surplus. Corn 100% dent, 100% 2003, 100% avg.; 99% mature, 94% 2003, 95% avg.; 71% harvested, 58% 2003, 65% avg.; 99% silage harvested, 100% 2003, 100% avg.; 2% very poor, 4% poor, 19% fair, 48% good, 27% excellent. Cotton 57% open bolls, 53% 2003, 71% avg.; 3% very poor, 7% poor, 22% fair, 51% good, 17% excellent. Rice 82% mature, 64% 2003, 66% avg.; 28% harvested, 29% 2003, 19% avg.; 1% poor, 12% fair, 54% good, 33% excellent. Sorghum 98% mature, 92% 2003, 94% avg.; 65% harvested, 47% 2003, 59% avg.; 1% poor, 15% fair, 69% good, 15% excellent. Soybeans 90% turning color, 68% 2003, 69% avg.; 73% shedding leaves, 50% 2003, 52% avg.; 49% harvested, 31% 2003, 23% avg.; 1% very poor, 5% poor, 15% fair, 49% good, 30% excellent. Hay 82% harvested (Warm Season), 88% 2003, 86% avg.; 3% very poor, 14% poor, 32% fair, 42% good, 9% excellent. Sweetpotatoes 7% harvested, 27% 2003, 18% avg.; 2% very poor, 8% poor, 37% fair, 43% good, 10% excellent. Cattle 2% very poor, 5% poor, 14% fair, 56% good, 23% excellent. Pasture 5% very poor, 7% poor, 25% fair, 54% good, 9% excellent. Harvesting continues for most crops with cotton not far behind. Farmers were concerned about the impact of heavy rains from Hurricane Frances, but the rains were isolated, caused no crop damage. Pastures are showing signs of stress from the lack of adequate rain to keep up with livestock grazing. Hay fields and pastures are being sprayed to eliminate armyworms.

MISSOURI: Days suitable for fieldwork 5.7. Topsoil 2% very short, 16% short, 71% adequate, 11% surplus. Corn, soybeans, sorghum, rice are progressing toward maturity at an average pace while cotton is about a week behind normal. Corn maturity ranges from 31% in the northeast district, 45% in the north-central to 99% mature in the southeast. Corn harvesting ranges from barely beginning across the northern third of the State and 5% across the central third districts, to 48% in the southeast. Soybeans turning color varies from 42% in the northwest district, 36% west-central to in the 20's in all other districts. Sorghum turning color varies from about 47% in the northwest, southeast districts to 20% or less in all other districts. Sorghum harvesting is mostly confined to the southeast district at 10% complete. Alfalfa hay 3rd cutting 86%, 85% 2003, 89% avg. Pastures 1% very poor, 5% poor, 23% fair, 59% good, 12% excellent, with better than normal growth in most areas. Rainfall averaged 0.26 inch, ranging from virtually none in the east-central, south-central, southeast districts, to 0.61 inch north-central district and 0.83 inch northwest.

MONTANA: Days suitable for fieldwork 6.0. Topsoil 29% very short, 43% short, 27% adequate, 1% surplus compared to 2003 80% very short, 19% short, 1% adequate, no surplus. Subsoil 36% very short, 42% short, 22% adequate, 0% surplus compared to 2003 71% very short, 26% short, 3% adequate, no surplus. State experienced warmer temperatures, precipitation throughout the State for the week ending September 5th, 2004. Winter wheat progress 98% harvested, 2005 3% seeded, compared to 2003 100%, 1%, respectively. Spring wheat 91% ripe, 70% harvested, compared to 2003 99%, 96%, respectively. Durum wheat 84% turning color, 41% ripe, 22% harvested, which are well behind 2003 96%, 93%, 85%, respectively, condition 17% very poor, 19% poor, 24% fair, 24% good, 16% excellent. Barley 97% ripe, 81% harvested, compared to 99%, 95% 2003, respectively. Oats 93% ripe, 74% harvested, compared to 2003 98%, 91%, respectively. Sugar beets condition 12% very poor, 18% poor, 40% fair, 26% good, 4% excellent. Corn harvested for silage is underway, 12% complete, condition 10% very poor, 24% poor, 41% fair, 23% good, 2% excellent, which is behind the 5-yr avg 1% very poor, 5% poor, 26% fair, 53% good, 15% excellent. Dry bean harvested has just begun at 7%, which is well behind 2003 progress of 70%. condition 1% very poor, 17% poor, 51% fair, 28% good, 3% excellent. Potato harvested has just begun at 2% complete. Potatoes condition 0% very poor, 0% poor, 7% fair, 46% good, 47% excellent. Alfalfa, other hay 2nd cuttings 83%, 67%

complete, respectively. Range, pasture feed 26% very poor, 28% poor, 30% fair, 14% good, 2% excellent, compared to the 5-yr avg 30% very poor, 30% poor, 26% fair, 13% good, 1% excellent. Movement of cattle, calves from summer ranges is currently 9% compared to 2003 11%. Movement of sheep, lambs from summer ranges is currently 8% compared to last year at 12%.

NEBRASKA: Days suitable for fieldwork 6.8. Topsoil 33% very short, 38% short, 29% adequate, 0% surplus. Subsoil 43% very short, 31% short, 26% adequate, 0% surplus. Temperatures for the week averaged from 2 to 7° above normals. Precipitation occurred across most of the state with most stations reporting amounts less than one-half inch. Although, many Panhandle stations reported precipitation amounts greater than one inch. Dryland conditions of corn, soybeans, sorghum moved lower, but continue above last year, average. Alfalfa condition 13% very poor, 20% poor, 28% fair, 32% good, 7% excellent; 3rd cutting 87%, 92% 2003, 92% avg.; 4th cutting 8%, 11% 2003, 14% avg. Activities Included: Cutting silage, preparing for harvest, and fall wheat seeding.

NEVADA: Temperatures were above normal early in the week, but cooled sharply toward the end of the week. Freezing night time temperatures were recorded at higher elevations. Some isolated showers fell across parts of the east. Ely recorded .24 inch of rain. Third cutting of alfalfa hay continued in northern valleys. Timothy hay harvest continued in Diamond Valley. Alfalfa seed harvest was active in Orovada. Triticale harvest was winding down. Mint distilling continued in Orovada. Corn silage cutting was underway. Cantaloup harvest continued in Fallon. Potato, onion fields were in good to excellent condition. Weed, insect control continued. Fall seeding of new alfalfa fields was underway. Fields were being prepared for winter grain seeding which was getting underway. Ranges were showing seasonal decline, some cattle were being moved from Summer range. Activities: Haying, alfalfa seed harvest, corn silage cutting, cultivating, field spraying, irrigating, moving livestock.

NEW ENGLAND: Days suitable for field work: 6.1. Topsoil 1% very short, 11% short, 69% adequate, 19% surplus. Subsoil 7% short, 78% adequate, 15% surplus. Pasture feed 13% poor, 30% fair, 42% good, 15% excellent. Maine Potatoes 5% harvested, 5% 2003, 5% avg.; condition fair/good. Rhode Island Potatoes 50% harvested, 55% 2003, 55% avg.; condition good/excellent. Massachusetts Potatoes 40% harvested, 35% 2003, 40% avg.; condition good. Maine Oats 30% harvested, 40% 2003, 50% avg.; condition fair/good. Maine Barley: 60% harvested, 60% 2003, 65% avg.; condition fair/good. Field Corn condition good/fair. Sweet Corn: 80% harvested, 80% 2003, 80% avg.; condition good/excellent. Shade tobacco 95% harvested, 90% 2003, 95% avg.; condition good. Broadleaf tobacco 85% harvested, 90% 2003, 95% avg.; condition good. Hay 1st 99% harvested, 100% 2003, 100% avg.; 2nd 85% harvested, 90% 2003, 90% avg.; condition good/fair; 3rd 40% harvested, 40% 2003, 45% avg.; condition good/excellent. Apples: 20% harvested, 20% 2003, 20% avg.; condition good/fair. Peaches: 90% harvested, 70% 2003, 75% avg.; condition good/fair. Pears 30% harvested, 15% 2003, 20% avg.; condition mostly poor Massachusetts, good elsewhere. Massachusetts Cranberries: set avg./above avg.; condition good/fair. Highbush Blueberries 95% harvested, 95% 2003, 95% avg. Maine Wild Blueberries 100% harvested, 100% 2003, 99% avg. Hot, humid temperatures, thunderstorms began the week. Storms caused flooding of fields in lowlands areas. Dry weather, lower humidity, cooler temperatures arrived by mid week helping to provide ideal weather for fall harvest. Activities Included: Desiccating potato vines; spreading manure; monitoring fields; applying pesticides; cutting, baling hay; harvesting barley, oats, apples, peaches, pears, highbush, wild blueberries, broadleaf, shade tobacco, potatoes, sweet corn and other vegetables.

NEW JERSEY: Days suitable for field work 6.8. Soil 60% short, 40% adequate. Temperatures across most of the state dropped to below normal by the middle of the week. Fieldwork included harvesting corn silage, hay, fruit, vegetables. Activities Included: Planting vegetables for

fall harvest, irrigating, pruning blueberry vines. Field corn, soybeans were rated good to excellent across the state. Disease problems were reported in pumpkins, winter squash fields. Some pumpkin fields were disced up, will not be harvested. Potato harvest continued across the state, there was a report of excess moisture causing problems in some localities. Peach harvest neared completion in the central district. Harvest of early varieties of apples began in the northern district. Apple crop condition was rated good to excellent. Shorter days slowed pasture forage growth.

NEW MEXICO: Days suitable for fieldwork 6.7. Topsoil 6% very short, 32% short, 61% adequate, 1% surplus. Temperatures were close to normal for the week. The statewide average was 1 degree below normal. All locations except Roswell reported some measurable rain during the week. Showers early in the week were confined to the south, east, but moisture from Hurricane Howard helped fuel some showers, thunderstorms over the north, northwest during the latter part of the week. Greatest totals for the week included Silver City with 2.33 inches of rain, Tatum with 1.30 inches. Farmers were busy with harvest preparations, irrigating, cutting hay, harvesting chile, beans, potatoes, other vegetables. Some hail damage occurred with 1% light, 2% moderate reported. Alfalfa was mostly fair to excellent with 95% of the 4th cutting complete, 47% of the 5th complete. Some hay was rained on from scattered showers. Cotton conditions 14% fair, 46% good, 40% excellent. Corn conditions improved slightly with 76% of the crop denting, 30% of the crop matured. Corn silage harvest 52% complete. Sorghum conditions were mostly poor to good with reports indicating 72% of the crop headed, 15% coloring. Peanuts progress was slowed by the cool weather. Chile conditions continued to improve with 72% of green chile harvested. Fall lettuce planting neared completion. Wheat planted was well underway with 58% planted. Ranchers spent the week maintaining herds. Steady weight gain was reported. Recent moisture filled water tanks. Cattle condition showed improvement at 1% very poor, 9% poor, 26% fair, 44% good, 20% excellent. Sheep conditions 5% very poor, 17% poor, 32% fair, 36% good, 10% excellent. Rain has helped native grasses in several counties as pasture feeds 9% very poor, 19% poor, 31% fair, 31% good, and 10% excellent.

NEW YORK: Days suitable for fieldwork 5.7. Soil 59% adequate, 41% surplus. Pasture feeds 8% poor, 20% fair, 56% good, 16% excellent. Drier weather allowed fieldwork to resume. Alfalfa 3rd cutting harvested 46%. Corn condition 9% poor, 24% fair, 39% good, 28% excellent. Oats for grain 87% harvested, potatoes 55% dug. Soybean pods are not filling out. Apples 2% poor, 7% fair, 54% good, 37% excellent. Early apple varieties were still being harvested. Grapes 50% poor, 30% fair, 20% good. Pears 3% poor, 20% fair, 40% good, 37% excellent; 62% harvested. Peaches 35% poor, 55% fair, 10% good; 72% harvested. Concord grapes moved through veraison. Grapes 50% poor, 30% fair, 20% good. Vegetable crops took advantage of the sunshine, heat. Drier warm weather enabled harvest activities to continue. Sweet corn 60% harvested. Onions 40% harvested. Snap beans 70% harvested. Warmer temperatures may have added stress to some livestock.

NORTH CAROLINA: Days suitable for field work 5.0. Soil 0% very short, 4% short, 68% adequate, 28% surplus. Activities Included: The harvest of flue-cured, burley tobacco, corn for grain, silage, apples, spraying for disease, pest control. Precipitation amounts varied greatly across the State this week from .01 to 6.98 inches with temperatures about normal for this time of year. The first effects of Hurricane Frances for the state was felt Sunday with expectations of additional rainfall, flooding for the western part of the State.

NORTH DAKOTA: Days suitable for fieldwork 4.5. Topsoil 15% very short, 19% short, 58% adequate, 8% surplus. Subsoil 21% very short, 20% short, 52% adequate, 7% surplus. Limited harvest progress was made last week as weekend rains dampened much of the state. Durum wheat 83% turning or beyond, 100% 2003, 99% avg.; 32% combined, 89% 2003, 55% avg. Soybeans 15% lower leaves yellowing or

beyond, 59% 2003, 51% avg. Canola 87% swathed or beyond, 100% 2003, 97% avg.; 29% combined, 86% 2003, 64% avg. Corn for Silage 12% chopped, 43% 2003, 17% avg. Dry Edible Beans 70% fully podded or beyond, 95% 2003, 97% avg.; 20% lower leaves yellowing or beyond, 88% 2003, 83% avg. Flaxseed 14% combined, 70% 2003, 43% avg. Potatoes 45% had vines killed or beyond, 54% 2003, 53% avg.; 3% dug, 7% 2003, 6% avg. Sunflower 36% ray flowers dried/dropped or beyond, 84% 2003, 79% avg.; 6% bracts turned yellow or beyond, 46% 2003, 38% avg. Sugarbeets none lifted, 2% 2003, 1% avg. Emerged crop conditions ratings: Durum wheat 6% very poor, 13% poor, 31% fair, 43% good, 7% excellent; Dry edible beans 9% very poor, 20% poor, 35% fair, 31% good, 5% excellent. Flax 1% very poor, 5% poor, 32% fair, 53% good, 9% excellent. Potatoes 1% very poor, 2% poor, 24% fair, 52% good, 21% excellent. Sugarbeets 1% very poor, 1% poor, 16% fair, 63% good, 19% excellent. Sunflower 2% very poor, 11% poor, 38% fair, 43% good, 6% excellent. Alfalfa 2nd complete 94%, 97% of all other hay had been baled. Stockwater supplies 10% very short, 21% short, 66% adequate, 3% surplus. Range, pasture feed 24% very poor, 19% poor, 28% fair, 25% good, 4% excellent.

OHIO: Days suitable for field work 4.8. Topsoil 1% very short, 11% short, 77% adequate, 11% surplus. Alfalfa hay 3rd cutting complete 75%, 63% 2003, 81% avg.; 4th cutting complete 14%, 10% 2003, 22% avg. Apples harvested (fall) 10%, 9% 2003, 11% avg.; harvested (summer) 95%, 99% 2003, 93% avg. Corn 96% in dough, 91% 2003, 93% avg.; 69% dented, 44% 2003, 58% avg.; 5% mature, 1% 2003, 9% avg.; 17% silage harvested, 10% 2003, 21% avg. Cucumbers 63% harvested, 72% 2003, 84% avg. Grapes 19% harvested, 4% 2003, 9% avg. Oats 100% harvested, 100% 2003, 100% avg. Other hay 2nd cutting complete 93%, 91% 2003, 96% avg.; 3rd cutting complete 36%, 35% 2003, 51% avg. Peaches 97% harvested, 90% 2003, 92% avg. Potatoes 73% harvested, 47% 2003, 53% avg. Processing tomatoes 43% harvested, 19% 2003, 38% avg. Soybeans 21% dropping leaves, 9% 2003, 20% avg.; 3% mature, NA% 2003, 4% avg. Corn conditions 3% very poor, 9% poor, 25% fair, 47% good, 16% excellent. Hay conditions 2% very poor, 8% poor, 28% fair, 50% good, 12% excellent. Livestock conditions 0% very poor, 1% poor, 17% fair, 62% good, 20% excellent. Pasture feeds 1% very poor, 7% poor, 25% fair, 55% good, 12% excellent. Soybean conditions 4% very poor, 10% poor, 27% fair, 46% good, 13% excellent. Heavy storms struck during the last weekend in August dumping several inches of rain in certain parts of the state. The northern part of the state received the largest amount of rain, almost eight inches fell in Putam county. In drier areas farmers harvested corn silage, baled hay, dug potatoes. Small amounts of soybeans were harvested this past week but most grain farmers continue preparing harvesting equipment. Vegetable producers harvesting cucumbers, sweet corn, peppers, tomatoes. Farmers prepared winter wheat fields by applying fertilizer, tilling under wheat stubble.

OKLAHOMA: Days suitable for fieldwork 6.2. Topsoil 7% very short, 23% short, 69% adequate, 1% surplus. Subsoil 8% very short, 26% short, 65% adequate, 1% surplus. Wheat 76% seedbed prepared, 64% last week, 63% 2003 67% avg. Oats 55% seedbed prepared, 45% last week, 46% 2003, 54% avg.; 1% planted, n/a last week, n/a 2003, 2% avg. Rye 77% seedbed prepared, 56% last week, 61% 2003, 65% avg.; 5% planted, 5% last week, 14% 2003, 8% avg. Corn 13% fair, 31% good, 56% excellent; 99% dough, 98% last week, 100% 2003, 99% avg.; 49% mature, 45% last week, 56% 2003, 63% avg.; 31% harvested, 21% last week, 35% 2003, 34% avg. Soybeans 1% poor, 30% fair, 59% good, 10% excellent; 95% blooming, 90% last week, 94% 2003, 92% avg.; 90% setting pods, 79% last week, 87% 2003, 83% avg.; 25% mature, 13% last week, 26% 2003, 29% avg.; 5% harvested, 2% last week, 7% 2003, 10% avg. Peanuts 52% mature, 32% last week, 50% 2003, 27% avg. Alfalfa hay 1% very poor, 1% poor, 23% fair, 62% good, 13% excellent; 4th cutting 93%, 85% last week, 60% 2003, 62% avg.; 5th cutting 34%, 23% last week, n/a 2003, n/a avg. Other Hay 2% poor, 24% fair, 57% good, 17% excellent; 2nd cutting 80%, 75% last week, 70% 2003, 68% avg. Watermelons 98% harvested, 97% last week, 99% 2003, 98% avg. Livestock 1% poor, 12% fair, 59% good, 28% excellent. Pasture, Range 1% very poor, 2%

poor, 17% fair, 55% good, 25% excellent. Livestock: Livestock conditions were mostly good to excellent. Livestock insect activity increased slightly but was still mostly moderate. The cattle market dropped last week to an average market. Feeder steers under 800 pounds dropped down four dollars, sixty-seven cents to \$116.24. Feeder heifers under 800 pounds also dropped three dollars and two cents to \$110.85.

OREGON: Days suitable for fieldwork 6.2. Topsoil 5% very short, 37% short, 58% adequate. Subsoil 11% very short, 34% short, 55% adequate. Barley 87% harvested, 82% previous week, 95% 2003, 84% 5-yr avg. Spring wheat 92% harvested, 87% previous week, 99% 2003, 95% 5-yr avg. Range, Pasture 3% very poor, 14% poor, 42% fair, 35% good, 6% excellent. Activities: Some showers fell across the state last week, though not as strong as those from previous two weeks. Significant precipitation recorded in Willamette Valley, Bend area. Some northeastern areas also noted early-week showers, with dry conditions remainder of week. Dry conditions persisted in southeastern, north-central state. Overnight temperatures now becoming cooler, with low temperatures in forties, in thirties in most of eastern state. High temperatures still generally ranged in upper eighties, nineties across the state. Growing degree days (base 50) were as high as 147 in The Dalles. Fall fieldwork, fertilizing continued in many areas last week. Cooler weather, occasional rain showers improved soil moisture conditions in eastern state. Producers still with small grains in field reported some instances of sprout, mold damage. Corn for silage harvest underway in Malheur County. Producers in western state busy harvesting alfalfa, red clover; also prepared fields for fall seeding. Grass seed harvest nearly complete in Marion County, hops harvested in Washington County. Bartlett pear harvest completed in upper Hood River Valley; Gala apple, d'Anjou pear harvests well underway in lower Hood River Valley. Apples, Comice pears harvested in Jackson County; d'Anjou's ready soon. Pears, apples also harvested in Wasco County, throughout Willamette Valley. Yamhill County grapes about two weeks ahead of schedule; harvest should begin within 7 to 10 days on early varieties. Hazelnut drop accelerating while growers finished their final orchard floor flailing. Some southern coast cranberry growers reported development of second bloom. Green bean harvest coming to close in Clackamas County. Sweet corn harvest continued throughout the state. Truck gardens in Josephine County producing large amounts of tomatoes, corn, beans, cucumbers, melons, summer squash, peppers, eggplants. Winter squash beginning to ripen. In Malheur County, onions lifted, sitting in rows. Potato harvest underway there. Nurseries irrigating, preparing for fall shipping season. Greenhouses busy with fall flowers, preparing for holiday plants. Breaded iris growers harvesting tubers, shipping tubers to customers. Christmas tree growers shearing trees, getting ready to attend Pacific Northwest Christmas Tree show, meeting in Portland next weekend. State's biggest dahlia growers finished up their open house this past weekend. Pastures, rangeland in many areas across the state continued to recover from dry summer conditions. Precipitation received since mid-August promoted re-growth as dryland pastures started to turn green again after being previously dormant. Some drier areas continued to report deteriorating pasture feeds, but overall conditions should continue to improve. Livestock reported in good condition throughout the state.

PENNSYLVANIA: Days suitable for field work 6.0. Soil 10% short, 79% adequate, 11% surplus. Fall plowing 26% complete, 12% 2003, 19% avg. Corn dough 91% complete, 69% 2003, 81% avg.; 71% dent, 34% 2003, 50% avg.; 25% mature, 4% 2003, 13% avg.; 8% harvested, 0% b2003, 0% avg.; 32% silage harvested, 8% 2003, 23% avg.; condition 1% very poor, 3% poor, 10% fair, 42% good, 44% excellent. Barley 5% planted, 2% 2003, 6% avg. Soybean condition 2% poor, 8% fair, 47% good, 43% excellent. Tobacco 90% harvested, 36% 2003, 47% avg. Potatoes 32% harvested, 28% 2003, 32% avg. Alfalfa 3rd cutting complete 83%, 64% 2003, 76% avg.; 4th cutting complete 30%, 20% 2003, 34% avg. Timothy clover 2nd cutting complete 88%, 72% 2003, 77% avg. Peaches 86% harvested, 89% 2003, 93% avg. Apple crop condition 9% poor, 24% fair, 52% good, 15% excellent; 38% harvested, 31% 2003, 29% avg. Grapes 18% harvested, 4% 2003, 6%

avg. Quality of hay made 2% very poor, 7% poor, 24% fair, 43% good, 24% excellent. Pasture feeds 4% very poor, 10% poor, 25% fair, 44% good, 17% excellent. Activities Included: Baling 3rd cutting of hay; spreading manure; applying herbicides, pesticides; picking fruit; harvesting tobacco; cutting silage; general equipment maintenance to prepare for fall seeding and harvest.

SOUTH CAROLINA: Days suitable for field work 4.9. Soil 1% very short, 11% short, 48% adequate, 40% surplus. Corn 97% matured, 99% 2003, 99% avg.; 60% harvested, 49% 2003, 65% avg.; 5% very poor, 15% poor, 27% fair, 42% good, 11% excellent. Peanuts 99% pegged, 100% 2003, 99% avg.; 2% harvested, 2% 2003, 6% avg.; 3% poor, 50% fair, 45% good, 2% excellent. Sorghum 89% turned color, 89% 2003, 87% avg.; 59% matured, 57% 2003, 57% avg.; 25% harvested, 21% 2003, 28% avg.; 15% fair, 78% good, 7% excellent. Cotton 98% setting bolls, 97% 2003, 97% avg.; 34% open bolls, 16% 2003, 29% avg.; 5% poor, 22% fair, 68% good, 5% excellent. Pastures 2% very poor, 8% poor, 24% fair, 61% good, 5% excellent. Soybeans 98% bloomed, 97% 2003, 95% avg.; 85% setting pods, 75% 2003, 70% avg.; 15% leaves turning color, 13% 2003, 13% avg.; 2% leaves dropped, 1% 2003, 3% avg.; 6% poor, 22% fair, 62% good, 10% excellent. Tobacco 92% harvested, 91% 2003, 89% avg.; 52% stalks destroyed, 46% 2003, 51% avg. Other hay 98% harvested, 96% 2003, 96% avg. Peaches 93% harvested, 95% 2003, 97% avg. Apples 32% harvested, 24% 2003, 27% avg.; 50% fair, 50% good. Livestock 2% poor, 19% fair, 64% good, 15% excellent. Winter Grazing 11% planted, 10% 2003, 7% avg.

SOUTH DAKOTA: Days suitable for fieldwork 6.0. Topsoil 24% very short, 32% short, 41% adequate, 3% surplus. Subsoil 30% very short, 25% short, 43% adequate, 2% surplus. Feed supplies 12% very short, 25% short, 59% adequate, 4% surplus. Stock water supplies 34% very short, 24% short, 42% adequate. Winter wheat 7% seeded, 8% 2003, 7% avg. Sunflower 12% very poor, 13% poor, 33% fair, 31% good, 11% excellent; 100% blooming, 99% 2003, 98% avg.; 49% ray flowers dry, 64% 2003, 68% avg.; 20% bracts yellow, 40% 2003, 45% avg.; 0% mature, 4% 2003, 4% avg. Soybeans 1% mature, 5% 2003, 5% avg. Sorghum 0% harvested-grain, 0% 2003, 1% avg. Cattle condition 6% poor, 19% fair, 61% good, 14% excellent. Sheep condition 17% poor, 9% fair, 55% good, 19% excellent. Range, Pasture 22% very poor, 21% poor, 34% fair, 19% good, 4% excellent. Corn silage 17% harvested, 34% 2003, 28% avg. Sorghum silage 18% harvested, 41% 2003, 27% avg. Alfalfa hay 17% very poor, 18% poor, 25% fair, 36% good, 4% excellent; 3rd cutting harvested 65%, 72% 2003, 59% avg. Other hay 100% harvested, 100% 2003, 97% avg. Crop conditions fell slightly last week, with crop development remaining behind normal. Precipitation was received in several areas across the state, however, topsoil, subsoil moisture levels remained similar to the previous week. Activities Included: Silage harvest, cutting hay, caring for livestock, and preparing for fall harvest.

TENNESSEE: Days suitable for fieldwork 5.0. Topsoil 8% short, 86% adequate, 6% surplus. Subsoil 13% short, 84% adequate, 3% surplus. Corn 82% silage harvested, 70% 2003, 80% avg. Tobacco 93% topped, 94% 2003, 95% avg.; 3% very poor, 3% poor, 23% fair, 53% good, 18% excellent. Burley 58% harvested, 50% 2003, 58% avg. Dark air-cured 64% harvested, 67% 2003, 71% avg. Dark fire-cured 61% harvested, 51% 2003, 64% avg. Pastures 2% poor, 21% fair, 62% good, 15% excellent. Cloudy, humid conditions with summertime thunderstorms. Slowed harvest progress for the State's corn, tobacco crops, but provided additional moisture relief to pastures, late planted soybeans. Activities Included: Topping tobacco, defoliating cotton, over-seeding pastures. Temperatures last week averaged near normal across the state. Rainfall across Middle State averaged normal, while the rest of the state averaged below normal.

TEXAS: Agricultural Summary: Mild, wet conditions continued for most regions in the State. Late summer cold fronts made their way down from the northwest to bring unusually cool temperatures. Most areas experienced highs only in the 80's. Night time lows dropped down

into the lower 60's and upper 50's in many locations. On the Panhandle, scattered showers moved through, resulting in rainfall amounts ranging from a trace to ½ inch of rain. Isolated locations received up to an inch. Widely scattered thunderstorms blew through the South Plains. Hail was reported with these storms as well as rainfall accumulations near 3 inches in some locations. Heavy precipitation was reported on the Edwards Plateau, down through South State, in the Rio Grande Valley. A trace to over 4 inches of rain were recorded in those regions, with 2 inches accumulation being the most common. Isolated locations on the Upper Coast, Coastal Bend saw scattered rainfall ranging from 2 to 4 inches. Soil moisture was excellent nearly statewide. Field work was delayed in southern regions due to rain. Harvest of summer crops continued to progress northward. Many grain producers were opening up their fields to dove hunters. Horn, heel flies were a consistent problem on cattle. Small Grains: Wheat planting made good progress. Field conditions were very favorable. Many producers were anxious to put out their stockers for the upcoming fall, winter. Corn: Silage cutting continued on the Panhandle. Grain harvest was expected to begin in the region within the next week or two as fields dry down. Blackland corn growers continued combining when conditions allowed, should be nearing completion shortly. Harvest of remaining fields in South State was delayed due to rain. Harvest was virtually complete on the Upper Coast, Coastal Bend, Rio Grande Valley. Corn condition 92% normal compared with 54% 2003. Cotton: On the Panhandle, South Plains, more heat units were still needed in most fields. Producers were pleased with the moisture received, but were concerned with the maturity of the crop. Irrigation had been reduced or halted all together in many areas. A few fields in wetter locations showed signs of moisture stress. Cotton stripping moved forward in southern areas on the Blacklands. Boll worms, aphids were a problem in a few fields. Defoliant was applied heavy in the region due to vibrant plant growth. Harvest was delayed in many areas of the Upper Coast and Coastal Bend due to passing showers. Cotton condition 83% of normal compared with 52% 2003. Sorghum: Fields continued to progress on the Panhandle, South Plains, where some limited harvesting began. Most growers will start combining within the next few weeks. Some fields were a little bit behind due to cooler weather. Harvest on the Blacklands was wrapping up for the most part. Sorghum condition 81% of normal compared with 57% 2003. Peanuts: Disease began to plague peanut fields with the onset on cool, wet conditions. Producers reported pod rot, leaf spots in their fields, were spraying accordingly. More heat units would be needed to reach the full potential of the crop. Peanut condition 91% of normal compared with 86% 2003. Rice: Harvest of the first crop progressed rapidly, was near completion in many counties. Damage from feral hogs remained a problem. Rice condition 81% of normal, compared with 87% 2003. Commercial Vegetables, Fruit, Pecans On the High Plains, pumpkins looked good, harvest of early fields progressed. Watermelon harvest continued. In the San Antonio-Winter Garden region, cabbage planting was expected to begin in some locations. In East State, sweet potato harvest has begun. Pecans: Disease was a problem in many orchards due to the increased moisture. Pecan scab, pecan weevil were apparent in several regions. High winds caused serious damage to orchards on the Trans Pecos. Range, Livestock: Range, pasture land continued to be in excellent shape nearly statewide. However, weeds were evident in many pastures. Cattle were also reported in excellent condition. Supplemental feeding was limited to isolated areas or not occurring at all. Horn, heel flies were an increasing nuisance on cattle. Cattlemen expected good weaning weights this fall. Shrimp producers on the Trans Pecos continued to struggle with low prices.

UTAH: Days suitable for field work 7. Subsoil 18% very short, 40% short, 42% adequate, 0% surplus. Irrigation water supplies 35% very short, 39% short, 26% adequate, 0% surplus. Winter wheat 97% harvested, 100% 2003, 100% avg.; 21% planted for harvest next year, 0% 2003, 8% avg. Spring wheat 87% harvested, 100% 2003, 99% avg. Barley 95% harvested (grain), 100% 2003, 99% avg. Oats 86% harvested (grain), 82% 2003, 82% avg. Corn 79% dough, 86% 2003, 71% avg.; 33% dent, 44% 2003, 28% avg.; 8% mature, 23% 2003, 10% avg.; 7% silage, harvested (silage), 8% 2003, 6% avg.; condition 0% very poor, 2% poor, 19% fair, 62% good, 17% excellent; height 92

inches, 98 inches 2003, 96 inches avg. Alfalfa hay 3rd cutting 72%, 62% 2003, 63% avg.; 4th cutting 10%, 3% 2003, 6% avg. Alfalfa seed 17% harvested, 27% 2003, 19% avg. Onions 42% harvested, 23% 2003, 31% avg. Dry beans 8% harvested, 7% 2003, 10% avg. Cattle, calves moved From Summer Range 13%, 11% 2003, 21% avg. Cattle, calves condition 0% very poor, 2% poor, 18% fair, 69% good, 11% excellent. Sheep, lambs moved From Summer Range 7%, 8% 2003, 17% avg.; condition 0% very poor, 1% poor, 13% fair, 79% good, 7% excellent. Stock water supplies 19% very short, 38% short, 42% adequate, 1% surplus. Apples 25% harvested, 17% 2003, 9% avg. Peaches 71% harvested, 64% 2003, 63% avg. Pears 68% harvested, 57% 2003, 51% avg. State experienced a cornucopia of weather last week. Mid eighties to high seventies were recorded across the state. Scattered showers brought much needed moisture to the northern part of the state. There were a few reports of grain, hay harvest delays due to the scattered showers. Producers are concerned that wheat still left to harvest may have some quality problems due to the precipitation received. Grain harvest continued, moving slowly towards completion. Winter wheat seeding has begun and benefitted from the early fall storms. Fourth cutting hay is proceeding but has been somewhat slowed due to weather related problems. Cache County reported receiving over 1.25 inches of water last week. Some reports of frost in Summit, Sevier, and Beaver counties were received. In addition to the frost, Beaver County also reported cropland suffering from a lack of irrigation supplies. Range, pasture feeds also improved due to scattered showers, cooler temperatures the past couple of weeks, with some areas are showing signs of re-vegetating. Mountain ranges continue to hold up mostly due to summer rain showers that have brought some much needed moisture. Animals were being pulled off of summer range and moved to fall pastures.

VIRGINIA: Days suitable for fieldwork 5.7. Topsoil is 8% very short, 18% short, 62% adequate, 12% surplus. Subsoil 6% very short, 16% short, 66% adequate, 12% surplus. The remnants of Hurricane Gaston passed through the State this week. Central, eastern state experienced the heaviest rain from this storm. However, counties within these regions experienced a wide variety of rainfall from flooding conditions with several inches to just barely a sprinkle. The western regions of the State received little to no rainfall; this combined with hot temperatures has created extremely dry conditions. The dry areas of the State have made good progress with harvesting corn, tobacco, applying chemicals, making hay. Farmers in the flooded regions have suffered; road closures have delayed milk pick-ups, hay bales have been washed away or ruined, low lying crops were damaged. Nevertheless, despite the harsh weather conditions the State has experienced, the majority of all of the state's crops, except for apples, are in good or excellent condition. Activities Included: Marketing lambs, cattle, attending County Fairs, and repairing flood damage.

WASHINGTON: Days suitable for fieldwork was 6.4. Topsoil 2% very short, 23% short, 64% adequate, 11% surplus. Subsoil 3% very short, 33% short, 64% adequate. Irrigation water supply 10% short, 90% adequate. The highest temperature in the state was 96° in Handford, Pasco, and Whitman. The lowest temperature in the state was 35° in Deer Park. Winter wheat 98% harvest, 21% planted. Spring wheat 98% harvested. Barley 97% harvested. Potato conditions 2% poor, 13% fair, 81% good, 4% excellent; 45% harvested. Corn conditions 5% fair, 92% good, 3% excellent; harvested for silage 13% harvested. Dry Peas e 98% harvested. Dry edible bean conditions 13% fair, 84% good, 3% excellent; 35% harvested. Alfalfa hay 3rd cutting complete 98%. Producers were trying to harvest remaining acres of winter, spring wheat as well as peas, lentils, barley. There were some reports of sprout damage in winter, spring wheat. There were also reports of discoloration, sprout damage to peas, lentils, barley. Winter wheat fall seeding was underway in many counties in Eastern State. One county reported that some early seeded winter wheat had already emerged. Hay, other roughage supplies 3% short, 90% adequate, 7% excellent.

Range, pasture feeds 3% very poor, 11% poor, 33% fair, 53% good. Christmas tree growers finished shearing Douglas firs, started preparing harvest roads. Oyster growers in Pacific County finished cord grass control efforts, prepared for increasing fall harvests. Cranberry growers finished final bog, irrigation system preparation for harvest, readied machinery, crews. Early apple varieties continued to be harvested throughout the state. In some areas, producers were busy as many apple varieties were ripening at the same time. Raspberry growers continued post harvest pruning, weed control. Hops, mint, sweet corn, late stone fruit, grapes continued to be harvested.

WEST VIRGINIA: Days suitable for field work 6.0. Topsoil 6% very short, 30% short, 56% adequate, 8% surplus, 2003 53% adequate, 47% surplus. Corn conditions 3% poor, 20% fair, 49% good, 28% excellent; 84% doughing, 67% 2003, 78% 5-yr avg.; 56% dented, 29% 2003, 46% 5-yr. avg.; 7% mature. Soybeans conditions 9% fair, 52% good, 39% excellent; 27% dropping leaves, 7% 2003, 21% 5-yr avg. Wheat 12% planted, 1% 2003. Tobacco conditions 1% very poor, 27% poor, 25% fair, 47% good; 99% topped, 77% 2003, 88% 5-yr avg.; 22% harvested. Hay conditions 4% poor, 37% fair, 50% good, 9% excellent; 2nd cutting complete 76%, 60% 2003, 77% 5-yr avg.; 3rd cutting complete 11%. Apples 15% fair, 85% good; 24% harvest, 9% 2003. Cattle, calves 1% poor, 13% fair, 79% good, 7% excellent. Sheep, lambs 1% poor, 7% fair, 78% good, 14% excellent. Activities Included: Cutting, harvesting hay, harvesting fruit, chopping corn for silage and vaccinating livestock.

WISCONSIN: Days suitable for fieldwork 5.6. Soil 4% very short, 22% short, 72% adequate, 2% surplus. Last week's warmer temperatures across the state were helpful to the crops, but more rain is needed. Temperatures were 2 to 5° above normal for this time of year, ranging from the high 40's to the high 80's. In the west central, south central parts of the state, trace amounts of precipitation was reported. Corn, soybeans continue to lag in development due to the cool nights, lack of heat during the days. In many parts of the state, both corn, soybeans are two to three weeks behind in development. A killing frost before the first of October would certainly curtail yields. In some areas, farmers are reporting that soybeans are showing very few pods, some have little bean development. Due to the lack of canopy cover, late season weeds are becoming a problem in some areas. Third crop hay harvesting continues with good quality, quantity. The dry weather has helped some farmers finish up combining oats and wheat.

WYOMING: Days suitable for field work 6.0. Topsoil 25% very short, 45% short, 30% adequate. Subsoil 38% very short, 36% short, 26% adequate. Barley 90% harvested, 95% 2003, 89% 5-yr avg. Oats 91% mature, 98% 2003, 93% 5-yr avg.; 73% Oats 82% 2003, 76% 5-yr avg. Spring wheat 90% mature, 100% 2003, 98% 5-yr avg.; 79% harvested, 87% 2003, 89% 5-yr avg. Winter wheat 25% planted, 47% 2003, 40% 5-yr avg.; 3% emerged, 4% 2003, 8% 5-yr avg. Corn 95% in milk, 94% 2003, 96% 5-yr avg.; 68% dough, 79% 2003, 85% 5-yr avg.; 5% dent, 58% 2003, 46% 5-yr avg.; 13% harvested for silage, 17% 2003, 19% 5-yr avg.; condition 4% very poor, 17% poor, 29% fair, 50% good. Dry beans 59% leaves turning, 89% 2003, 94% 5-yr avg.; 10% windrowed, 33% 2003, 42% 5-yr avg.; condition 1% very poor, 2% poor, 27% fair, 68% good, 2% excellent. Sugarbeets condition 4% very poor, 7% poor, 23% fair, 61% good, 5% excellent. Alfalfa 2nd cutting 87%, 94% 2003, 90% 5-yr avg.; 3rd cutting 7%, 16% 2003, 5-23% yr avg. Other hay 95% harvested, 97% 2003, 98% 5-yr avg. Stock water supplies 46% very short, 26% short, 28% adequate. Range, pasture feed 40% very poor, 26% poor, 21% fair, 9% good, 4% excellent. Temperatures were highly variable throughout the state. Temperatures ranged from 4.1° below normal in Worland to 2.6° above normal in Kaycee. The highest temperature was 97° in Sheridan, while the lowest temperature was 29° in Big Piney. A trace or more of precipitation was reported in most areas, but nearly all was below normal. The most precipitation fell in Recluse with 1.50 inches and 0.83 in Afton.

International Weather and Crop Summary

August 29 - September 4, 2004

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

HIGHLIGHTS

CANADA: On the Prairies, mostly dry, seasonably warmer weather brought some relief to maturing spring grains and oilseeds and enabled farmers to assess recent freeze damage.

MEXICO: Widespread rain returned to most of Mexico boosting soil moisture for filling summer crops and northern irrigation supplies.

EUROPE: In England, much-needed drier weather allowed winter and spring grain harvesting to resume, while elsewhere, planting was underway of next season's winter grain and oilseed crop.

FSU-WESTERN: Unseasonably warm and mostly dry weather favored fieldwork for early summer crop harvesting and winter wheat planting in Ukraine and Russia.

FSU-NEW LANDS: Mostly dry weather helped spring grain harvesting in Kazakstan, while showery weather slowed harvest activities in Russia.

SOUTH ASIA: Beneficial showers returned to southern India as seasonably drier weather enveloped much of the north.

AUSTRALIA: Timely showers in eastern Australia stabilized moisture supplies for vegetative to reproductive winter grains, while weather conditions remained favorable for winter grain development in western Australia.

SOUTHEAST ASIA: Showers increased moisture supplies in key rice areas of Indochina and the Philippines.

EASTERN ASIA: Showers in central China delayed cotton harvesting and raised concerns about quality.

BRAZIL: Warm, dry weather supported coffee harvesting, but further reduced moisture reserves in southern agricultural areas.

ARGENTINA: Unseasonable warmth spurred wheat development, with light to moderate rain boosting local moisture reserves.

August 2004

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

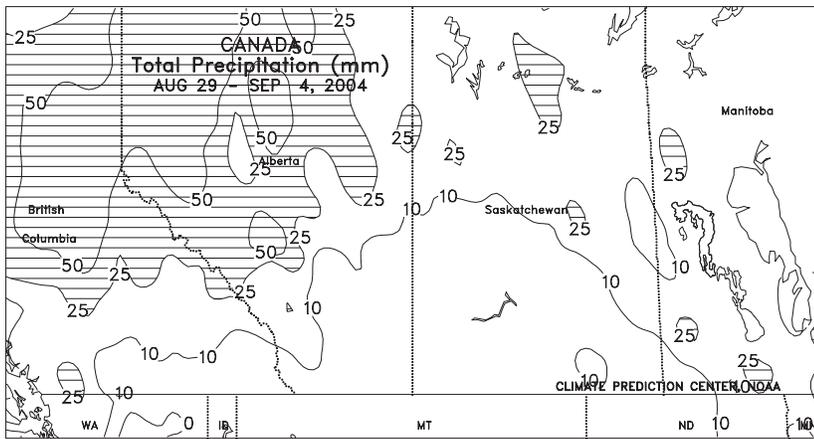
*** DATA NOT AVAILABLE

COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL	DPART F/NRM
NORWAY	OSLO	21	12	30	4	17	2.4	140	58
SWEDEN	STOCKHOLM	23	16	30	10	19	***	40	***
FINLAN	HELSINKI	21	13	29	4	17	1.6	70	-12
UKINGD	ABERDEEN	18	12	25	2	15	0.9	91	30
	MANCHESTER	21	14	29	8	18	1.5	186	113
	CARDIFF	22	15	28	10	19	0.7	103	9
	LONDON	24	15	31	9	19	1.1	92	49
IRELAN	DUBLIN	20	12	24	6	16	0.6	133	65
ICELAN	REYKJAVIK	16	10	25	6	13	2.6	58	-10
DENMAR	COPENHAGEN	22	15	28	8	18	1.1	51	-3
LUXEMB	LUXEMBOURG	23	15	31	8	19	1.4	128	63
SWITZE	ZURICH	24	15	30	11	19	1.6	55	-64
	GENEVA	26	16	33	10	21	1.6	208	141
FRANCE	PARIS/ORLY	26	15	34	10	21	0.8	71	27
	STRASBOURG	26	15	33	10	21	1.6	77	19
	BOURGES	25	15	34	9	20	0.8	113	62
	BORDEAUX	27	17	35	10	22	1.1	76	17
	TOULOUSE	28	17	38	12	23	1.3	59	9
	MARSEILLE	30	20	33	15	25	1.1	28	-2
SPAIN	VALLADOLID	29	15	37	9	22	0.1	15	-1
	MADRID	31	17	39	11	24	-0.5	36	23
	SEVILLE	35	22	41	18	29	1.2	8	***
PORTUG	LISBON	28	19	32	17	23	1.2	17	12
GERMAN	HAMBURG	24	14	30	8	19	1.8	61	-12
	BERLIN	25	15	32	9	20	1.7	67	11
	DUSSELDORF	25	16	33	9	20	1.3	91	34
	LEIPZIG	25	15	30	8	20	1.9	71	13
	DRESDEN	25	15	31	8	20	1.6	38	-33
	STUTTART	25	14	31	8	20	1.1	79	17
	NURNBERG	25	14	32	7	19	1.0	59	0
	AUGSBURG	25	13	31	9	19	0.7	59	-26
AUSTRI	VIENNA	27	15	32	9	21	0.6	29	-32
	INNSBRUCK	25	14	32	8	20	1.8	108	-9
CZECHR	PRAGUE	25	13	32	7	19	1.5	60	-1
POLAND	WARSAW	25	14	32	9	19	1.5	47	-9
	LODZ	25	14	33	6	20	1.6	66	11
	KATOWICE	24	13	32	6	19	0.8	53	-21
HUNGAR	BUDAPEST	28	16	33	12	22	0.9	29	-17
YUGOSL	BELGRADE	27	17	34	13	22	0.4	73	12
ROMANI	BUCHAREST	29	14	35	7	21	-0.8	52	-4
BULGAR	SOFIA	27	14	35	8	21	1.8	47	3
ITALY	MILAN	31	20	34	14	25	2.0	22	-67
	VERONA	31	19	34	13	25	1.5	39	-49
	VENICE	28	20	32	14	24	1.0	39	-28
	GENOA	27	22	30	16	25	-0.5	16	-48
	ROME	29	19	32	14	24	-0.2	20	-9
	NAPLES	30	20	32	16	25	0.0	5	-35
GREECE	THESSALONIKA	31	20	35	16	26	-0.1	15	-9
	LARISSA	33	18	37	13	25	-0.1	3	-17
	ATHENS	32	22	34	19	27	-0.7	0	-4
TURKEY	ISTANBUL	28	20	35	17	24	-0.2	50	36
	ANKARA	29	13	35	8	21	0.4	12	0
CYPRUS	LARNACA	33	22	35	19	27	-0.2	0	***
ESTONI	TALLINN	21	14	29	5	17	1.8	53	-24
RUSSIA	ST.PETERSBURG	22	15	28	9	18	1.7	86	12
LITHUA	KAUNAS	23	13	29	8	18	1.9	89	25
BELARU	MINSK	23	14	29	8	19	1.7	106	45
RUSSIA	KAZAN	25	14	34	7	19	2.2	18	-45
	MOSCOW	24	14	29	8	19	2.2	56	-24
	YEKATERINBURG	21	12	31	5	16	1.0	81	13
	OMSK	22	11	34	4	17	0.1	34	-22
KAZAKH	KUSTANAY	27	13	34	4	20	1.9	12	-24
RUSSIA	BARNAUL	23	11	34	5	17	-0.1	37	-17
	KHABAROVSK	24	14	30	10	19	-0.4	127	-21
	VLADIVOSTOK	24	18	30	12	21	1.1	97	-54
UKRAIN	KIEV	25	16	30	12	21	1.6	126	69
	LVOV	23	13	30	6	18	0.9	169	98
	KIROVOGRAD	25	15	32	9	20	0.0	73	19
	ODESSA	26	18	31	14	22	0.6	35	2
RUSSIA	SARATOV	27	17	35	11	22	2.9	10	-26

Based on Preliminary Reports

August 2004

COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)			COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	DPART AVG	TOTAL	DPART F/NRM	AVG MAX			AVG MIN	HI MAX	LO MIN	DPART AVG	TOTAL	DPART F/NRM		
UKRAIN	KHARKOV	26	16	31	8	21	1.3	67	-8	GABON	LIBREVILLE	28	24	29	23	26	1.5	23	16
RUSSIA	VOLGOGRAD	30	17	37	9	24	2.3	27	-1	TOGO	LOME	29	24	30	22	26	1.2	25	-1
	ASTRAKHAN	32	20	37	16	26	2.2	9	-13	BURKIN	OUAGADOUGOU	32	24	36	21	28	1.1	136	-105
	KRASNODAR	29	19	34	16	24	0.5	100	70	COTE D	ABIDJAN	28	23	30	22	25	0.9	10	-31
	ORENBURG	28	14	36	8	21	1.2	19	-9	MOZAMB	MAPUTO	***	***	31	9	***	***	2	-12
KAZAKH	TSELINOGRAD	24	12	35	6	18	-0.7	87	53	ZAMBIA	LUSAKA	26	11	31	8	18	-1.0	0	0
	KARAGANDA	24	11	34	4	18	-0.4	29	4	ZIMBAB	KADOMA	***	***	32	8	***	***	***	***
GEORGI	TBILISI	32	21	36	18	26	1.8	28	-11	S AFRI	PRETORIA	24	9	30	4	17	1.7	0	-5
UZBEKI	TASHKENT	34	19	40	15	27	0.8	6	4		JOHANNESBURG	21	8	25	-1	14	1.9	0	-5
TURKME	ASHKHABAD	37	21	42	17	29	-0.3	0	-1		BETHAL	22	4	25	-4	13	1.3	0	-8
SYRIA	DAMASCUS	36	18	39	15	27	1.0	0	***		DURBAN	24	14	31	8	19	1.1	4	-56
ISRAEL	JERUSALEM	29	19	32	17	24	1.1	0	***		CAPE TOWN	18	10	24	3	14	1.0	165	92
PAKIST	KARACHI	32	26	38	25	29	0.3	7	-49	CANADA	TORONTO	24	15	30	9	20	-0.3	59	-21
INDIA	AMRITSAR	34	23	40	19	28	-1.2	101	-90		MONTREAL	24	15	29	9	19	-0.3	89	-4
	NEW DELHI	34	26	37	24	30	0.1	274	33		WINNIPEG	20	8	25	0	14	-4.2	130	52
	AHMEDABAD	30	25	34	24	27	-1.0	420	171		REGINA	21	8	30	-1	14	-3.6	70	26
	INDORE	27	22	32	21	25	-0.6	338	27		SASKATOON	21	8	31	0	15	-2.7	80	41
	CALCUTTA	33	27	35	25	30	0.2	357	49		LETHBRIDGE	25	9	33	5	17	-0.5	46	-1
	VERAVAL	29	26	31	24	27	-0.2	458	315		CALGARY	22	9	29	5	16	-0.1	58	-1
	BOMBAY	29	25	31	23	27	-0.3	895	403		EDMONTON	21	11	30	6	16	-0.7	54	-7
	POONA	27	22	29	20	24	-0.3	334	210		VANCOUVER	24	15	30	13	19	1.7	73	34
	BEGAMPET	30	22	32	21	26	-0.1	66	-123	MEXICO	GUADALAJARA	27	17	31	14	22	1.0	71	-140
	VISHAKHAPATNAM	32	26	35	24	29	0.2	55	-82		TLAXCALA	24	12	29	10	18	0.1	7	-153
	MADRAS	37	27	39	24	32	2.3	52	-95		ORIZABA	26	17	28	14	22	1.7	132	-221
	MANGALORE	29	23	32	21	26	0.1	721	89	BERMUD	ST GEORGES	30	24	31	21	27	-0.7	302	171
HONGKO	HONG KONG INT	33	27	37	25	30	1.0	335	-46	BAHAMA	NASSAU	32	25	34	21	29	0.7	235	-12
N KORE	PYONGYANG	28	21	35	17	25	0.0	53	-142	CUBA	HAVANA	32	23	34	21	28	0.4	158	49
S KORE	SEOUL	30	23	36	19	27	0.6	195	-179	JAMAIC	KINGSTON	33	27	36	23	30	1.2	68	-10
JAPAN	SAPPORO	26	19	33	13	23	0.5	131	-8	P RICO	SAN JUAN	32	26	34	24	29	0.8	92	-41
	NAGOYA	32	24	36	22	28	0.6	116	-26	GUADEL	RAIZET	31	24	32	23	28	0.2	200	31
	TOKYO	31	24	37	19	28	0.5	82	-74	MARTIN	LAMENTIN	31	26	34	22	29	1.9	97	-133
	YOKOHAMA	30	24	35	18	27	-0.4	94	-68	BARBAD	BRIDGETOWN	31	26	32	24	28	0.5	132	-14
	KYOTO	33	24	36	20	28	-0.4	250	118	TRINID	PORT OF SPAIN	32	24	35	22	28	1.1	151	-84
	OSAKA	33	25	36	22	29	0.5	109	4	COLOMB	BOGOTA	***	***	18	6	***	***	***	
THAILA	PHITSANULOK	33	25	35	23	29	0.3	333	79	VENEZU	CARACAS	32	26	34	25	29	1.9	30	-33
	BANGKOK	33	26	35	24	30	0.7	230	14	F GUIA	CAYENNE	32	22	33	21	27	0.9	77	-88
MALAYS	KUALA LUMPUR	33	24	35	23	29	1.5	79	-67	BRAZIL	FORTALEZA	30	25	31	24	27	0.2	6	-4
VIETNA	HANOI	33	27	36	25	30	0.5	247	-50		RECIFE	29	23	31	20	26	-0.1	152	-3
CHINA	HARBIN	27	17	32	10	22	0.3	104	-4		CAMPO GRANDE	33	19	39	9	26	2.5	0	-28
	HAMI	32	17	39	8	25	-0.1	6	0		FRANCA	26	15	31	9	21	0.3	0	-18
	LANCHOW	***	***	27	16	***	***	***	***		RIO DE JANEIRO	26	18	34	12	22	0.3	14	-31
	BEIJING	29	21	33	16	25	0.1	52	-108		LONDRINA	28	12	34	4	20	1.6	0	-62
	TIENTSIN	29	21	34	16	25	-1.1	78	-74		SANTA MARIA	21	11	30	1	16	0.2	95	-18
	LHASA	22	11	25	10	17	1.6	110	-14		TORRES	20	12	24	6	16	-3.0	31	-109
	KUNMING	26	18	29	16	22	2.2	162	-40	PERU	LIMA	18	16	20	15	17	0.1	11	9
	CHENGCHOW	29	22	35	18	25	-0.5	118	10	BOLIVI	LA PAZ	13	-2	16	-7	5	-1.1	20	-6
	YEHCHANG	31	24	37	21	27	-0.4	221	42	CHILE	SANTIAGO	16	4	27	-3	10	0.8	44	-14
	HANKOW	31	25	38	21	28	-0.8	200	92	ARGENT	IGUAZU	25	12	32	2	18	0.1	10	-106
	CHUNGKING	33	25	41	22	29	0.8	118	-9		FORMOSA	23	13	34	2	18	0.0	22	-41
	CHIHKIANG	31	23	37	19	27	-0.4	154	49		CERES	22	8	36	-3	15	1.0	0	-18
	WU HU	33	25	38	21	29	0.3	108	-12		CORDOBA	20	6	35	-3	13	0.4	0	-11
	SHANGHAI	32	26	36	20	29	1.5	99	-46		RIO CUARTO	17	6	30	-1	12	0.5	16	-2
	NANCHANG	33	26	38	24	29	0.4	186	62		ROSARIO	19	7	29	-3	13	1.1	13	-25
	TAIPEI	33	27	35	25	30	0.5	546	235		BUENOS AIRES	17	8	25	-2	12	1.2	94	41
	CANTON	34	26	38	25	30	1.4	232	15		SANTA ROSA	16	4	26	-2	10	0.4	225	199
	NANNING	34	25	38	24	29	0.7	78	-129		TRES ARROYOS	14	6	24	-2	10	0.7	58	16
CANARY	LAS PALMAS	29	23	37	21	26	2.1	3	***	MARSHA	MAJURO	30	27	31	24	28	0.7	343	45
MOROCC	CASABLANCA	27	22	38	19	25	1.8	0	0	NEW CA	NOUMEA	23	17	26	15	20	-0.1	51	-14
	MARRAKECH	37	22	44	20	30	1.7	0	-1	FJJI	NAUSORI	26	20	29	15	23	0.5	335	192
ALGERI	ALGER	34	21	44	17	27	2.2	1	-6	SAMOA	PAGO PAGO	30	25	31	23	28	1.0	68	-95
	BATNA	37	19	42	14	28	2.2	13	-3	TAHITI	PAPEETE	29	22	29	18	25	0.5	16	-35
TUNISI	TUNIS	34	23	42	17	29	1.2	5	-2	PNEWGU	PORT MORESBY	***	***	30	17	***	***	***	***
NIGER	NIAMEY	33	25	37	20	29	0.9	138	-53	NZEALA	AUCKLAND	14	7	17	2	11	***	70	***
MALI	TIMBUKTU	38	27	44	20	33	1.5	34	-45		WELLINGTON	12	7	16	1	9	***	114	***
	BAMAKO	31	22	34	18	26	0.6	285	-18	AUSTRA	DARWIN	30	20	32	15	25	-1.4	4	-5
MAURIT	NOUAKCHOTT	34	27	44	25	31	2.4	4	-44		BRISBANE	22	9	26	4	15	-0.3	26	-11
SENEGA	DAKAR	30	26	35	24	28	1.0	121	-95		PERTH	18	7	21	0	13	-0.8	158	41
CHAGOS	DIEGO GARCIA	29	24	30	24	27	-0.1	22	-100		CEDUNA	18	8	30	2	13	0.5	141	108
LIBYA	TRIPOLI	36	24	44	20	30	3.6	0	***		ADELAIDE	16	9	25	3	12	0.6	81	30
	BENGHAZI	31	22	39	19	27	-0.1	0	***		MELBOURNE	15	7	22	0	11	0.4	73	28
EGYPT	CAIRO	34	24	37	20	29	0.7	0	***		WAGGA	14	5	22	-1	10	0.6	89	37
	ASWAN	41	27	44	24	34	0.8	0	0		CANBERRA	14	3						



CANADA

Across the Prairies, warmer, drier weather (near normal temperatures; rainfall totaling less than 25 mm over most of the region) brought some relief to maturing spring grains and oilseeds after last week's round of unseasonably cool, rainy weather. The change in the weather pattern also helped farmers in Saskatchewan and Manitoba to more fully assess crop damage incurred from the early autumn freeze. On the morning of September 7, freezing temperatures occurred again in Saskatchewan, but were generally on schedule for those areas unaffected by the previous freeze (additional information will be provided in next week's *Weekly Weather and Crop Bulletin*). In Alberta, wetter conditions (precipitation greater than 25 mm) prevailed in the Peace River Valley and in farmland near Edmonton, hampering autumn fieldwork. Provincial reports indicated that harvesting was underway at many locations, but was progressing at a much slower pace than in recent years. In eastern Canada, warmer- and drier-than-normal weather supported small grain and forage harvesting in most major agricultural districts, and helped to advance the development of summer crops that continued to lag the normal pace of development.



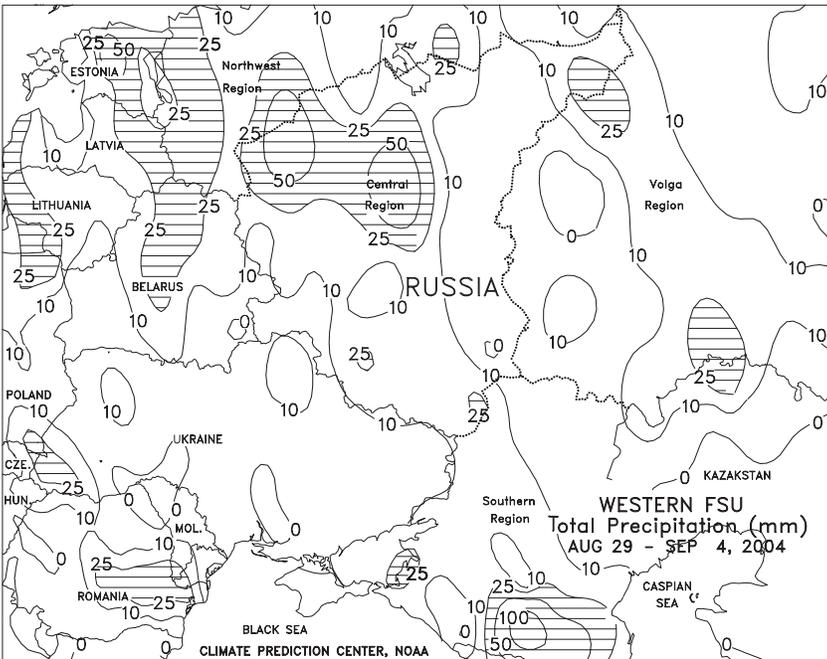
MEXICO

Widespread showers (25-100 mm or more) returned to most of Mexico, boosting soil moisture for sugarcane, oranges, coffee, and filling corn. Heavier showers (50-125 mm) fell across the northeast, boosting irrigation supplies but causing local flooding. Only portions of extreme northern and northwestern Mexico (near the U.S. border) received less than 15 mm. Temperatures averaged 1 to 3 degrees C below normal across the northern half of Mexico and 1 to 3 degrees C above normal across the southern half.



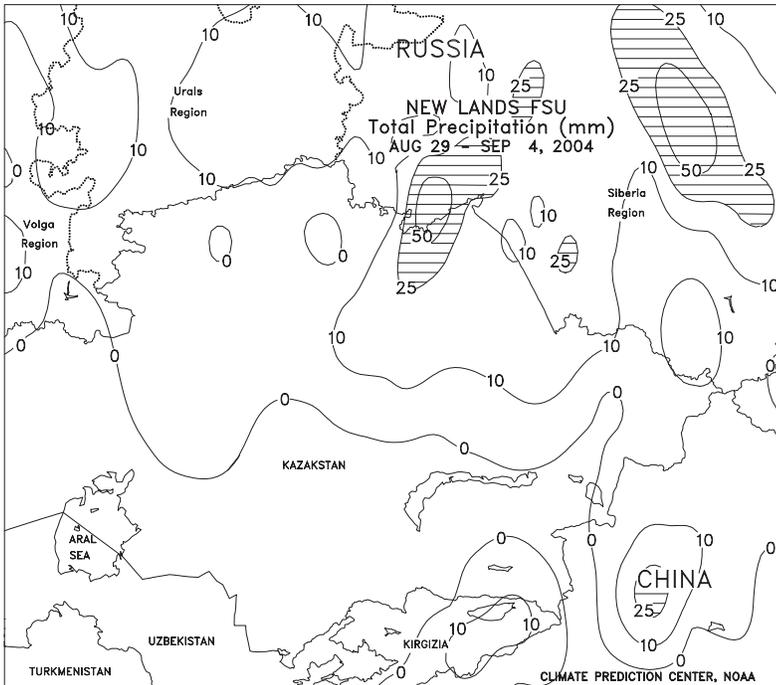
EUROPE

Across England, welcomed drier weather (less than 5 mm) allowed winter and spring grain harvesting to resume after several weeks of wet weather disrupted fieldwork and lowered crop quality. In Germany and Poland, light to moderate rain (10-30 mm) slowed late winter grain harvesting but favored late filling summer crops. Winter grain harvesting is nearing completion across most northern Europe, except for England. The planting of next season's winter grains and oilseeds is now underway across most of Europe and mostly dry weather favored fieldwork. Adequate soil moisture exists for filling summer crops in southeastern Europe. In the Iberian Peninsula, scattered light to moderate rain (10-25 mm) did not hamper early summer crop harvesting. Dry, warm weather aided summer crop harvesting across Italy. Temperatures averaged 1 to 3 degrees C above normal across most of Europe.



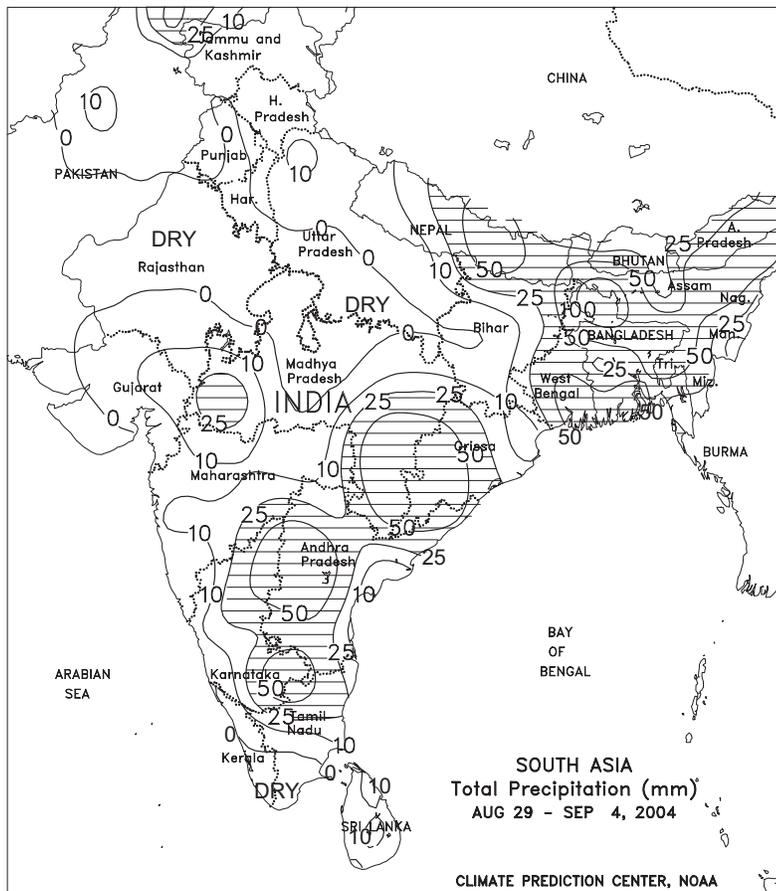
FSU-WESTERN

In Ukraine, warmer, drier weather prevailed across the country, improving conditions for summer crop maturation and early harvest activities for sugar beets and sunflowers. The drier weather also helped early winter wheat planting. In Russia, unseasonably warm, dry weather continued to extend across most of the Central and Volga Regions, helping small grain harvesting and winter grain planting. However, rain was needed to boost topsoil moisture for winter grain emergence. Farther south, drier weather prevailed over the western portion of the Southern Region, helping fieldwork for early summer crop harvesting and winter wheat planting. Reports from Russia as of August 31 indicated that 62 percent of the total grain crop, including corn, was harvested. In Belarus, light to moderate showers (5-25 mm or more) slowed late grain harvesting and early winter grain planting. Weekly temperatures averaged 1 to 4 degrees C above normal in Belarus and Ukraine, and 3 to 5 degrees C above normal in most of Russia.



FSU-NEW LANDS

In Russia, the combination of cool weather and light showers (7-25 mm or more) stretched from the Urals Region eastward through Siberia, causing some interruptions in spring grain harvest activities. Weekly temperatures averaged near normal in these areas. In Kazakhstan, dry weather continued to prevail over major spring grain producing areas in the north central portion of the country, favoring crop maturation and rapid harvest progress. Weekly temperatures averaged near to slightly below normal in Kazakhstan. In cotton producing areas of Central Asia, cotton harvesting was just starting in the south. Near-normal temperatures and dry weather favored boll maturation throughout the region.

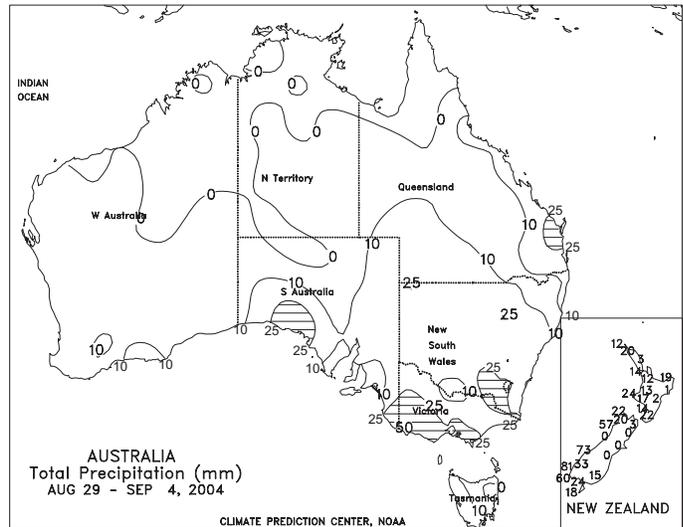


SOUTH ASIA

Warm, dry weather covered Pakistan and much of northwestern and central India, aiding maturation and dry down of cotton, rice, and other summer crops. The monsoon usually begins its seasonal withdrawal from the northwest in early September. However, the dryness in central India is a few weeks earlier than expected, and climatology would suggest that monsoon showers could briefly return to recently dry portions of central India (Gujarat, Madhya Pradesh, and Maharashtra). Showers (25-50 mm or more) continued in eastern India and Bangladesh, maintaining irrigation levels for rice cultivation. In addition, monsoon showers returned to the southern interior, increasing moisture for immature summer crops, especially cotton, and boosting moisture reserves for autumn-sown (rabi) crops. Historically, monsoon showers can linger over southern India through November, which would help farmers recover from this season's drier-than-normal start of the main growing season.

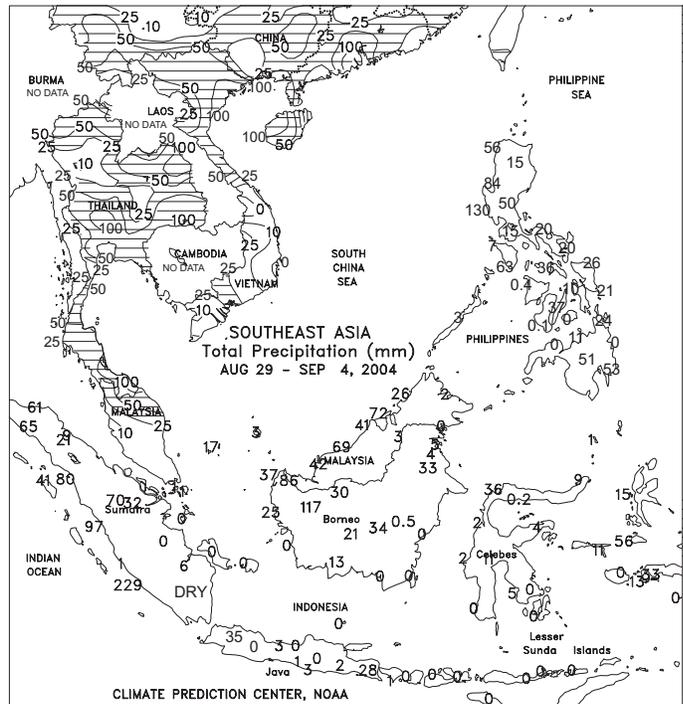
AUSTRALIA

In Queensland and northern New South Wales, timely showers (3-17 mm or more) benefited vegetative to reproductive winter wheat and barley. The rainfall temporarily stabilized moisture supplies for winter grains, but more rain will be needed in upcoming weeks to maintain yield prospects because of persistent dryness in recent months. Farther south, scattered showers (6-45 mm) in southern New South Wales, Victoria, and South Australia favored vegetative winter wheat and barley. Similarly, scattered showers (2-11 mm) maintained soil moisture in Western Australia, providing favorable conditions for winter grain development. Temperatures across Australia averaged near to slightly below normal (0-2 degrees C below normal), reducing evaporative losses and slowing the pace of crop development.



EASTERN ASIA

Showers (10-50 mm) continued in northern Manchuria, increasing moisture supplies for corn and soybeans, which are nearing maturation. Warm, mostly dry weather on the North China Plain favored cotton maturation, while in southern cotton areas, continued showers (25-75 mm) and cooler temperatures delayed harvesting and raised concerns about boll quality. Showers (25-100 mm) increased moisture supplies in the southeast, but slowed double-crop rice maturation. Typhoon Chaba made landfall in southern Japan, causing further flooding in rice areas from Kyushu to central Honshu. Typhoon Songda was approaching southern Japan and threatened to exacerbate already high water levels. Dry weather prevailed along the Korean Peninsula, favoring maturing rice.



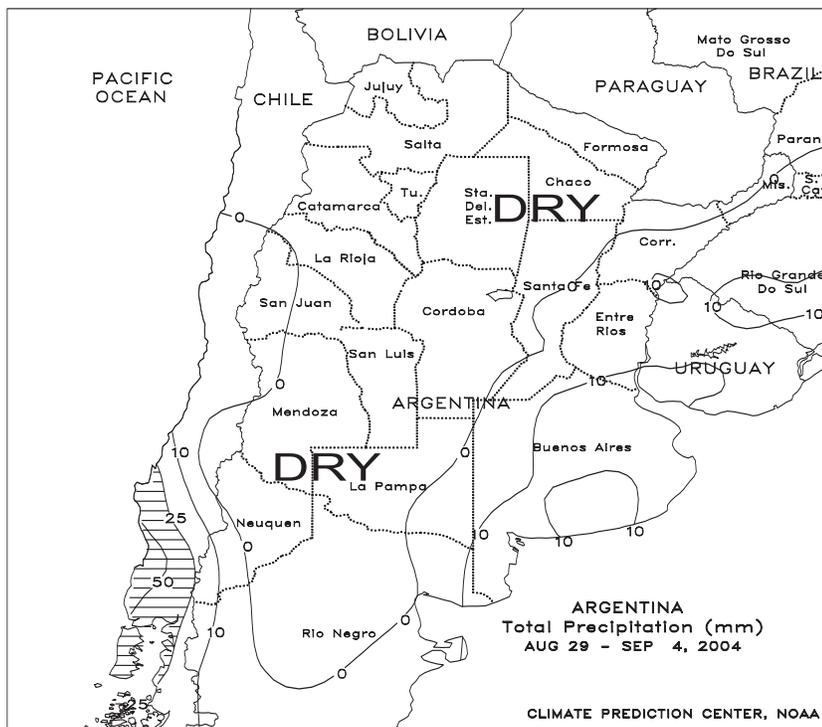
SOUTHEAST ASIA

Showers (50-100 mm) boosted moisture supplies for rice in northern Vietnam and eastern Thailand. Mostly sunny weather favored rice development in southern Vietnam. Moderate showers (25-50 mm) maintained moisture supplies for rice and corn in the Philippines. Mostly dry weather lowered moisture supplies for oil palm in peninsular Malaysia, while locally heavy showers increased moisture levels in Indonesian oil palm areas.



BRAZIL

Unseasonable warmth (temperatures averaging 2-5 degrees C or more above normal) and dryness promoted rapid coffee harvesting. According to independent analyst Safras e Mercado, coffee was 85 percent harvested as of August 30, compared with 94 percent last season. Harvesting was 80 percent complete in Minas Gerais, which accounts for nearly half of the total production, versus 92 percent at this point last season. The continuation of warm, dry weather also hastened maturation and dry down of winter wheat throughout the south. However, while initially beneficial for coffee harvesting and winter crop development, Brazil's drying trend has reduced moisture reserves for flowering of the next coffee crop. In addition, a seasonal increase in rainfall will be needed throughout major summer crop areas of the center-south before planting can commence. Fieldwork, including soybean planting, is usually in full swing by October.



ARGENTINA

Unseasonably warm weather (2-4 degrees C above normal in southern growing areas; as much as 10 degrees C above normal farther north) promoted rapid early development of winter wheat, with highs ranging from the lower 20s degrees C in southern Buenos Aires to the middle 30s in the more northerly growing areas of Cordoba and Santa Fe. According to the Argentine Ministry of Agriculture (SAGPyA), winter wheat planting was virtually complete, and the emerging crop was in generally good condition. Showers (5-10 mm or more) fell across La Pampa and Buenos Aires, but northern sections of the winter wheat belt remained dry.

The *Weekly Weather and Crop Bulletin* (ISSN 0043-1974) is published weekly and is jointly prepared by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) and the U.S. Department of Agriculture (USDA). Publication began in 1872 as the *Weekly Weather Chronicle*. It is issued under general authority of the Act of January 12, 1895 (44-USC 213), 53rd Congress, 3rd Session. NOAA and IMC are responsible for managing, printing, and distributing the bulletin. The contents may be reprinted freely, with proper credit.

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