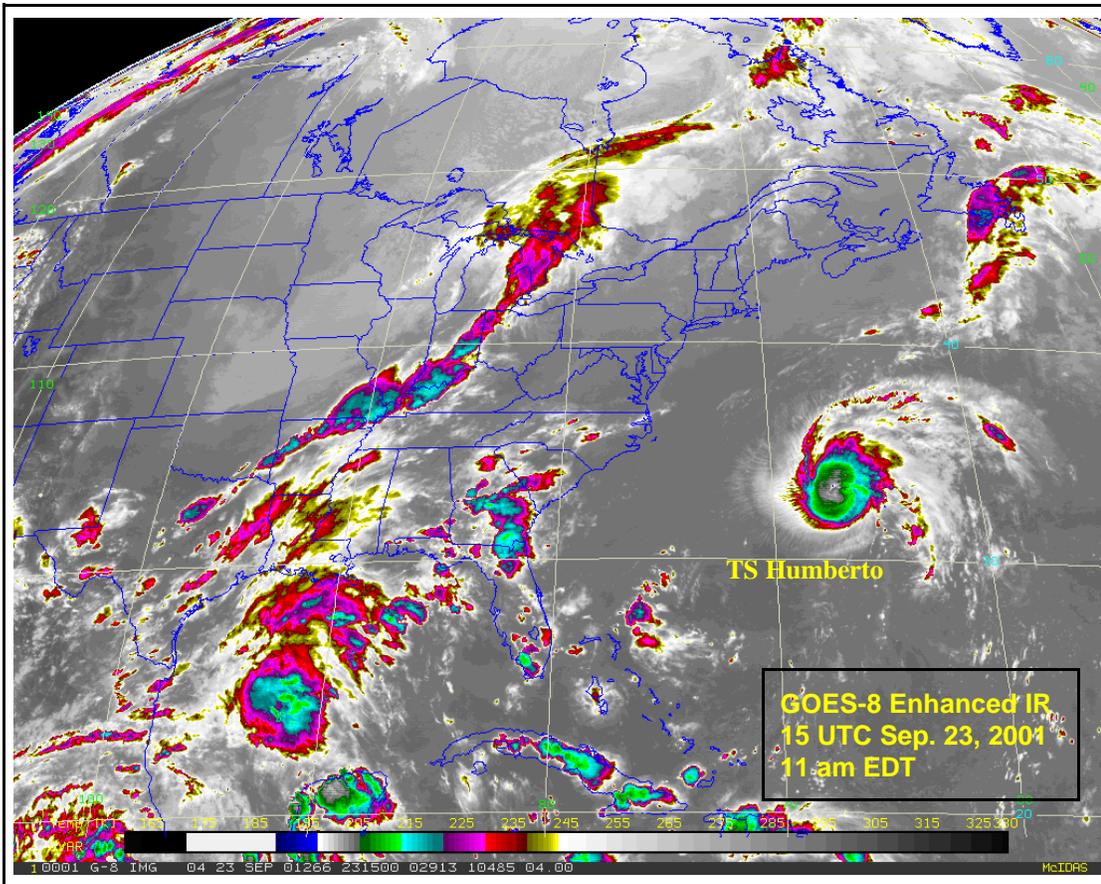


WEEKLY WEATHER AND CROP BULLETIN

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

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



A strong cold front pushes through the Great Lakes region, Ohio River Valley, and south-central Great Plains, triggering strong thunderstorms. Behind the front, the coldest air of this season begins plunging southward into the upper Midwest and northern Great Plains. September 23 and 24 morning lows drop below 32°F in parts of the northwestern Corn Belt. Meanwhile in the Atlantic, Tropical Storm Humberto, the eighth named storm of the 2001 Atlantic Hurricane season, churns harmlessly off the East Coast. The cold front is forecast to eventually curve Humberto to the northeast, away from any

HIGHLIGHTS

September 16 - 22, 2001

Highlights provided by USDA/WAOB and NOAA/CPC

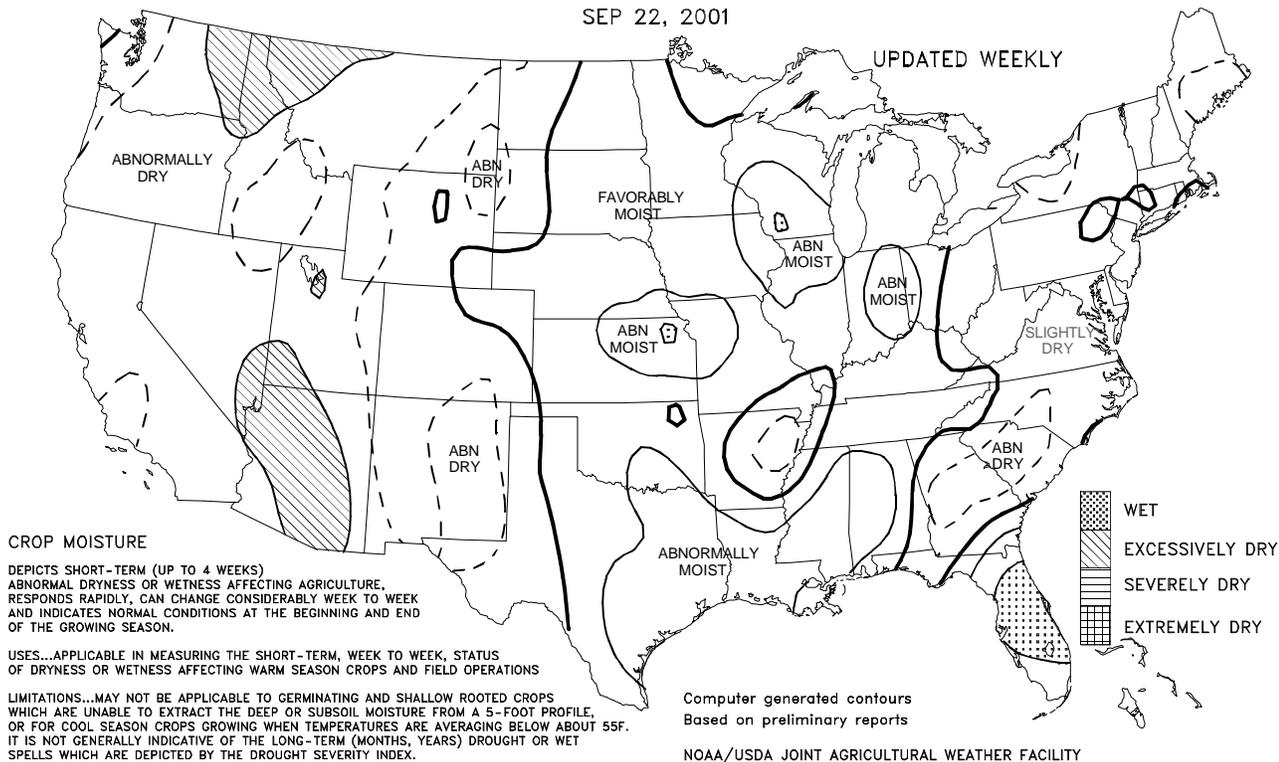
Cool, frequently showery weather overspread the **Midwest**, slowing summer crop maturation and harvesting. At week's end, the third in a series of cold fronts ushered in the coolest air of the season across the **northwestern Corn Belt**, resulting in scattered frost and temperatures near or below 32°F during September 23 and 24. Monday morning's cold may have caused some localized damage to non-dented corn in Wisconsin, and filling soybeans in Iowa, Minnesota, Wisconsin, and the Dakotas. Meanwhile on the **Plains**, widespread showers provided beneficial moisture for recently planted winter wheat, especially from **South Dakota to Oklahoma**. On the
(Continued on page 5)

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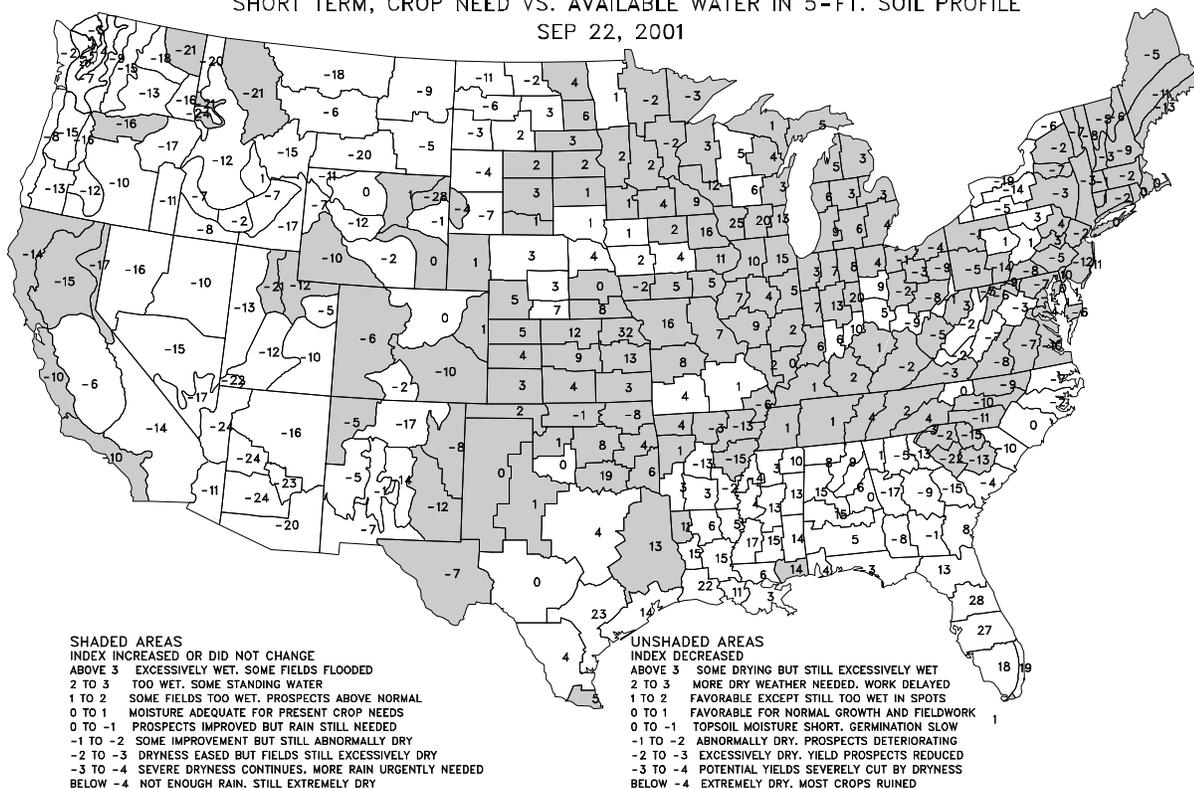
| | |
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Crop Moisture
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
SEP 22, 2001

UPDATED WEEKLY



Crop Moisture Index
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
SEP 22, 2001



Weather Data for Selected Locations in the Delta and the Bootheel

Weather Data for the Week Ending September 22, 2001

Data provided by the Mississippi State Delta Research and Extension Center (DREC), the Southern Regional Climate Center (SRCC), and the University of Missouri.

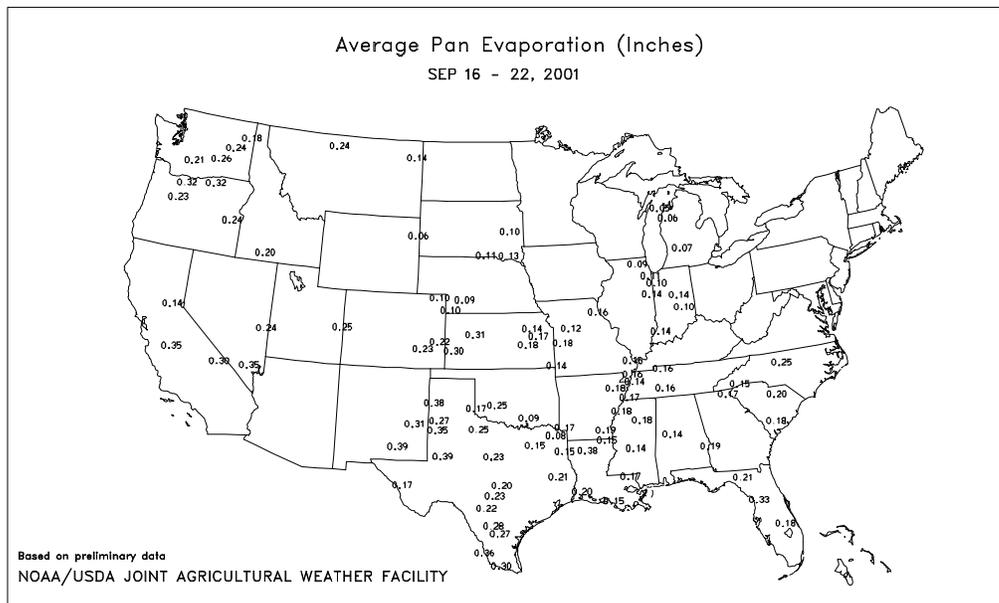
| STATES AND STATIONS | TEMPERATURE EF | | | | | | PRECIPITATION | | | | | | | 4-INCH SOIL TEMP, °F | | NUMBER OF DAYS | | | |
|----------------------------|-----------------|-----------------|--------------|-------------|---------|-----------------------|-------------------|-----------------------|--------------------------|-----------------------|-------------------------|-----------------------|-------------------------|----------------------|-----------------|----------------|--------------|------------------|------------------|
| | 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. EF | | PRECIP | |
| | | | | | | | | | | | | | | | | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| MS BATESVILLE ^x | 84 | 61 | 88 | 56 | 73 | 1 | 0.00 | -0.79 | 0.00 | 1.67 | 77 | 33.20 | 87 | -- | -- | 0 | 0 | 0 | 0 |
| BELZONI ^x | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CLARKSDALE ^x | 85 | 61 | 88 | 56 | 73 | 0 | 0.01 | -0.59 | 0.01 | 0.26 | 14 | -- | -- | -- | -- | 0 | 0 | 1 | 0 |
| CLEVELAND ^x | 86 | 60 | 89 | 57 | 73 | 0 | 0.00 | -0.52 | 0.00 | 1.27 | 88 | 41.30 | 115 | -- | -- | 0 | 0 | 0 | 0 |
| GREENVILLE ^x | 87 | 63 | 91 | 58 | 75 | 0 | 0.30 | -0.32 | 0.30 | 3.50 | 180 | 42.74 | 118 | -- | -- | 2 | 0 | 1 | 0 |
| GREENWOOD ^x | 86 | 62 | 90 | 55 | 74 | 0 | 0.08 | -0.57 | 0.04 | 4.17 | 209 | 41.43 | 114 | -- | -- | 1 | 0 | 3 | 0 |
| INDIANOLA 1S | 89 | 62 | 93 | 55 | 76 | -- | 0.05 | -- | 0.05 | 3.38 | -- | 45.13 | -- | 84 | 76 | 4 | 0 | 1 | 0 |
| INVERNESS 5E | 88 | 65 | 91 | 59 | 77 | -- | 0.10 | -- | 0.10 | 3.61 | -- | 39.79 | -- | -- | -- | 2 | 0 | 1 | 0 |
| LYON | 87 | 60 | 90 | 55 | 74 | -- | 0.00 | -- | 0.00 | 1.21 | -- | 40.46 | -- | -- | -- | 2 | 0 | 0 | 0 |
| MOORHEAD ^x | 89 | 65 | 92 | 58 | 77 | 2 | 0.06 | -0.70 | 0.06 | 3.11 | 145 | 38.41 | 102 | -- | -- | 3 | 0 | 1 | 0 |
| ONWARD | 87 | 64 | 90 | 56 | 76 | -- | 0.55 | -- | 0.55 | 2.59 | -- | 33.29 | -- | 83 | 76 | 1 | 0 | 1 | 1 |
| ROLLING FORK ^x | 86 | 64 | 90 | 59 | 75 | 1 | 0.13 | -0.47 | 0.13 | 1.66 | 77 | 34.65 | 93 | -- | -- | 1 | 0 | 1 | 0 |
| SCOTT | 87 | 64 | 91 | 60 | 76 | -- | 0.05 | -- | 0.05 | 2.70 | -- | -- | -- | -- | -- | 2 | 0 | 1 | 0 |
| SIDON | 88 | 64 | 93 | 58 | 76 | -- | 0.05 | -- | 0.05 | 2.46 | -- | 34.19 | -- | -- | -- | 2 | 0 | 1 | 0 |
| TUNICA ^x | 85 | 62 | 89 | 54 | 74 | 2 | 0.62 | 0.05 | 0.62 | 2.58 | 156 | 31.23 | 86 | -- | -- | 0 | 0 | 1 | 1 |
| TUNICA 1W | 87 | 59 | 90 | 54 | 74 | -- | 0.02 | -- | 0.01 | 0.50 | -- | 32.92 | -- | 81 | 74 | 1 | 0 | 2 | 0 |
| VANCE | 87 | 59 | 91 | 54 | 74 | -- | 0.03 | -- | 0.03 | 0.45 | -- | -- | -- | 80 | 73 | 1 | 0 | 1 | 0 |
| VICKSBURG ^x | 86 | 65 | 88 | 60 | 76 | 0 | 0.77 | 0.09 | 0.77 | 10.23 | 441 | 50.25 | 128 | -- | -- | 0 | 0 | 1 | 1 |
| YAZOO CITY ^x | 86 | 63 | 89 | 57 | 75 | -1 | 0.82 | 0.27 | 0.82 | 4.18 | 202 | 44.51 | 112 | -- | -- | 0 | 0 | 1 | 1 |
| STONEVILLE [*] | 88 | 63 | 91 | 58 | 76 | 3 | 0.38 | -0.39 | 0.38 | 3.01 | 121 | 45.94 | 124 | 87 | 73 | 3 | 0 | 1 | 0 |
| MO CARDWELL | 84 | 58 | 86 | 55 | 71 | 1 | 1.23 | 0.02 | 0.96 | 2.20 | 77 | 24.87 | 67 | 76 | 69 | 0 | 0 | 2 | 1 |
| CHARLESTON | 81 | 57 | 85 | 52 | 69 | 0 | 1.52 | 0.57 | 0.79 | 2.14 | 96 | 24.07 | 67 | 78 | 67 | 0 | 0 | 3 | 2 |
| CLARKTON | 83 | 58 | 86 | 52 | 70 | -1 | 1.31 | 0.01 | 1.19 | 2.46 | 88 | 24.54 | 73 | -- | -- | 0 | 0 | 2 | 1 |
| DELTA | 82 | 55 | 83 | 48 | 68 | 0 | 0.63 | -0.29 | 0.63 | 0.96 | 35 | 23.08 | 62 | 78 | 66 | 0 | 0 | 1 | 1 |
| GLENNONVILLE | 82 | 56 | 85 | 52 | 69 | -2 | 0.55 | -0.75 | 0.54 | 1.46 | 52 | 21.32 | 64 | 79 | 68 | 0 | 0 | 2 | 1 |
| PORTAGEVILLE #1 | 82 | 60 | 86 | 55 | 70 | 0 | 1.35 | 0.14 | 0.91 | 2.43 | 85 | 25.26 | 69 | 83 | 69 | 0 | 0 | 2 | 1 |
| PORTAGEVILLE #2 | 83 | 60 | 87 | 54 | 71 | 1 | 1.38 | 0.17 | 0.89 | 2.13 | 75 | 23.59 | 64 | 82 | 69 | 0 | 0 | 2 | 1 |
| STEELE | 83 | 59 | 86 | 54 | 71 | 1 | 1.25 | 0.08 | 0.74 | 2.51 | 95 | 28.96 | 77 | 81 | 72 | 0 | 0 | 2 | 2 |

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

* Based on 1964-93 normals.

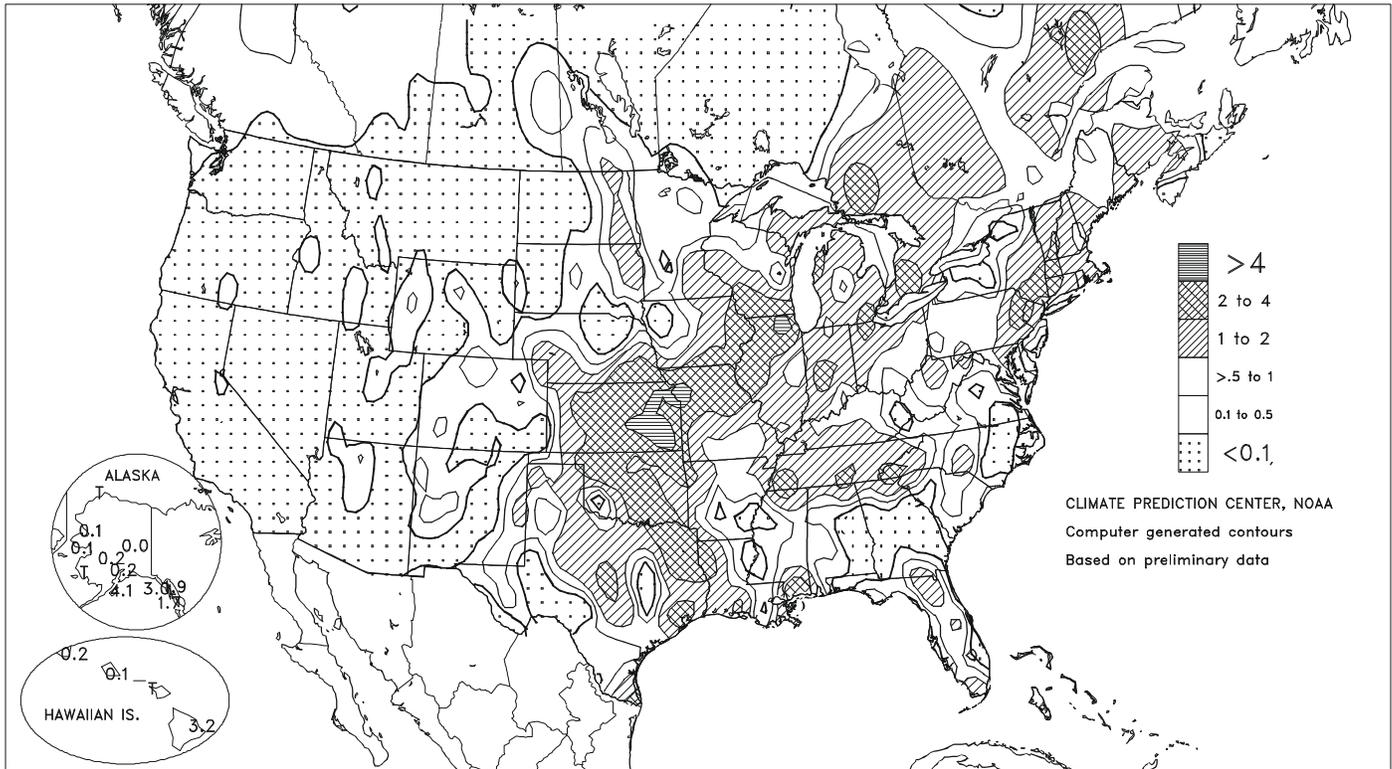
^x Based on 1961-90 normals.

Delta and Bootheel Weather and Crop Summary: A weak frontal system passed through the region during the early morning hours at midweek. A broken band of showers accompanied this boundary and produced generally light amounts of precipitation across the Delta. The resulting air-mass kept temperatures near normal for most locations. Most all corn has been harvested in the Delta. The majority of usable sorghum has been harvested, with the remaining, re-sprouted sorghum being harvested for silage. Cotton, rice, and soybean continue to be harvested. Cotton defoliation has been put on hold again due to the U.S. Federal Aviation Administration grounding all agricultural planes.



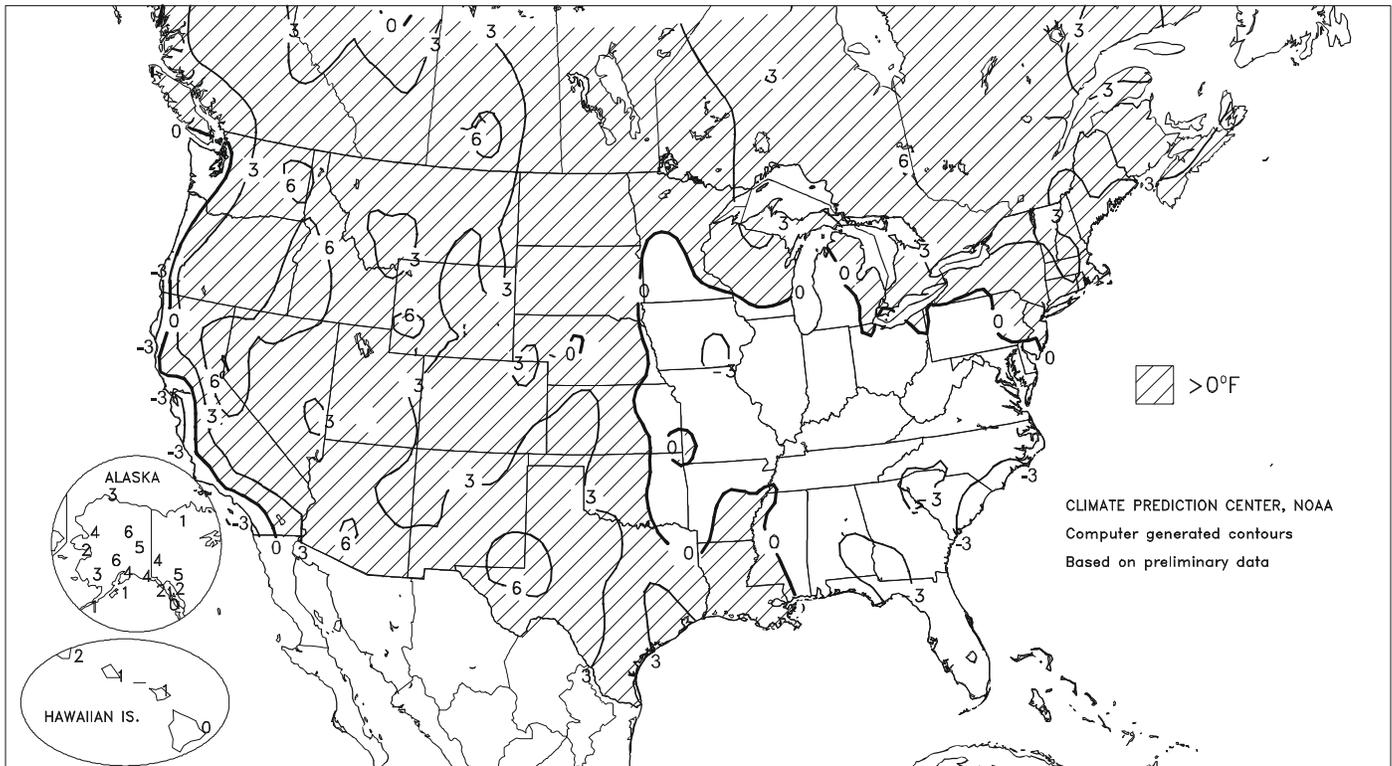
Total Precipitation (Inches)

SEP 16 - 22, 2001



Departure of Average Temperature from Normal (°F)

SEP 16 - 22, 2001



(Continued from front cover)

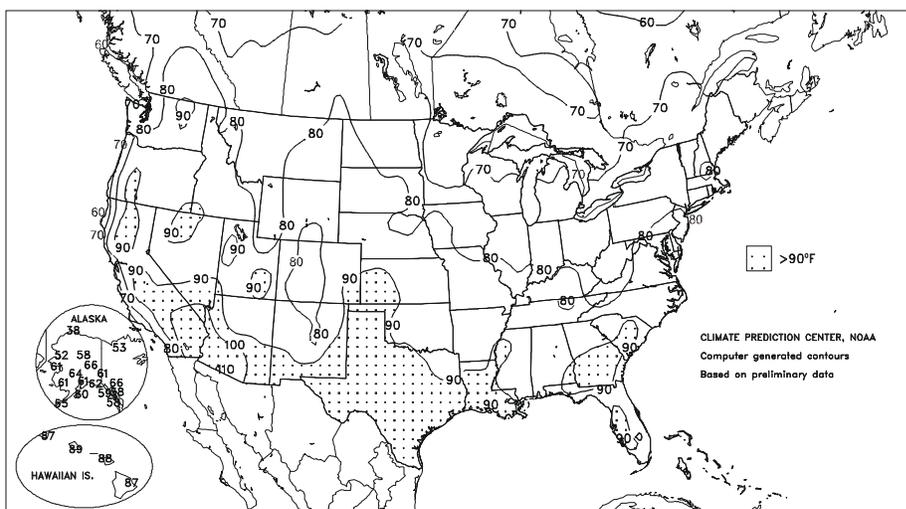
northern and southern High Plains, however, dryness favored summer crop harvesting and winter wheat planting, but hampered wheat emergence. Across the **South**, warm, mostly dry weather promoted a return to summer crop harvesting and other fieldwork, following early-September downpours from **eastern Texas to the southern Appalachians** and the September 14 passage of Tropical Storm Gabrielle across **Florida's peninsula**. In contrast, unfavorable dryness persisted in parts of **Georgia** and the **Carolinas**. Farther north, mid- to late-week rainfall eased long-term drought from the **lower Great Lakes region into New England**. In the **West**, monsoonal showers diminished across the **Four Corners region** early in the week. Thereafter, very warm, dry conditions aided fieldwork operations, including summer crop harvesting and winter wheat planting. In **northern California**, the **Great Basin**, and the **Northwest**, however, drought continued to stress recently planted wheat and reduce reservoir supplies.

Cool weather prevailed across the **East** early in the week, producing more than two dozen daily-record lows. Records were set or tied on 3 consecutive days (September 16-18) in **Augusta, GA** (49, 49, and 52°F). Farther north, **Whitefield, NH**, noted 27°F on Sunday. Farther west, very warm weather from the **Rockies westward**, especially later in the week, resulted in more than two dozen daily-record highs. On September 16, **Omak, WA** (91°F), notched a record high. Several locations, including **Show Low, AZ** (85, 86, and 86°F), **Coalville, UT** (85, 87, and 88°F), and **Bryce Canyon, UT** (76, 77, and 78°F), logged their first of three consecutive record highs on September 21. The unseasonable warmth persisted into Sunday in the **Intermountain West**, with an additional 20 daily-record maximums set on September 23, including 108°F at **Phoenix, AZ**, 97°F at **Lewiston, ID**, 96°F at **Ritzville, WA**, and 88°F at **Meacham, OR**.

Meanwhile, a series of cold fronts triggered frequent showers from the **Plains into the Northeast**. In **Illinois, Chicago** collected daily-record rainfall totals on Wednesday (1.72 inches) and Thursday (1.33 inches). Locally heavy rainfall returned to the **Midwest** at week's end, when **Rochester, MN** (1.21 inches on September 22), collected a record total for the date. On the **Plains**, weekly rainfall totaled 2 inches or more in many areas from **northeastern Texas northward into southeastern Nebraska**. More than 4 inches soaked much of **eastern Kansas**, where month-to-date (September 1-23) rainfall increased to 7.46 inches in **Topeka**. A band of heavy rain (2 inches or more) was also noted across areas from **northern Missouri to southern Wisconsin**. By Sunday, September 23, lows in **North Dakota** included 31°F in **Williston** and 33°F in **Bismarck** and **Grand Forks**. Even colder air pushed southward into the **northern and central Great Plains and upper Midwest** a day later, with Monday lows of 25°F at **International Falls, MN**, 28°F at **Hayward,**

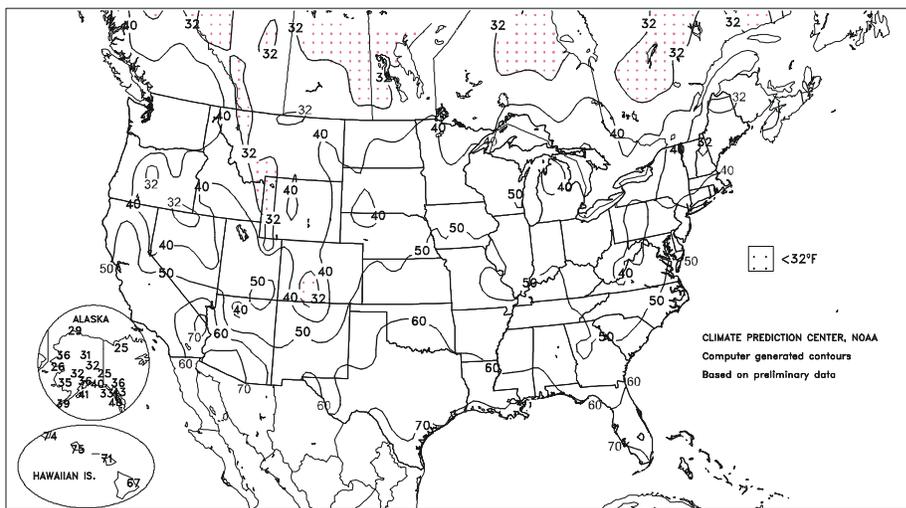
Extreme Maximum Temperature (°F)

SEP 16 - 22, 2001



Extreme Minimum Temperature (°F)

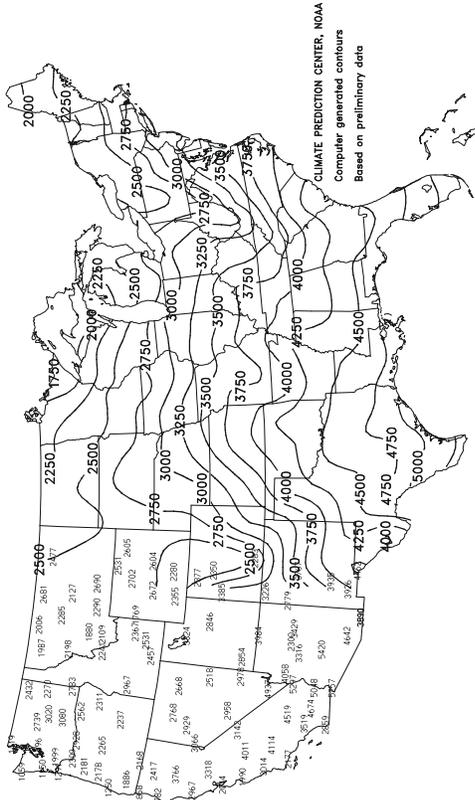
SEP 16 - 22, 2001



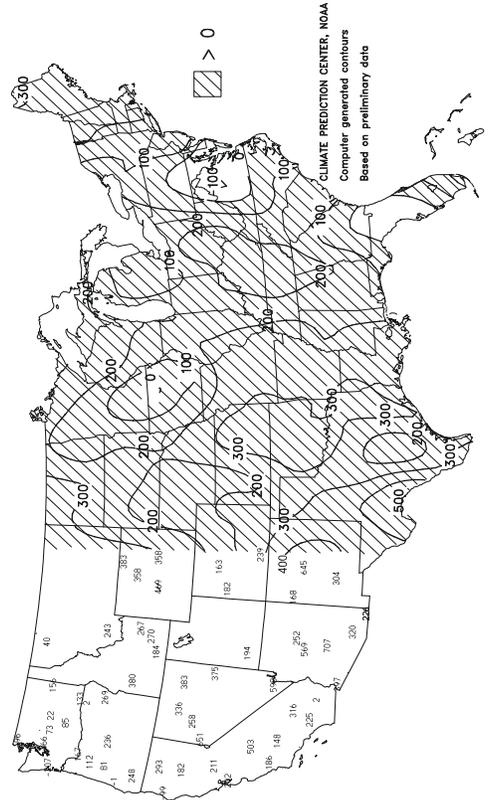
WI, 29°F at **Valentine, NE**, 30°F at **Grand Forks, ND**, **Watertown, SD**, and **Sioux City, IA**, and 31°F at **St. Cloud, MN**, **Huron, SD**, and **Scottsbluff, NE**. During Saturday, the eighth named storm of the Atlantic hurricane season, Humberto, formed well north of **Puerto Rico**, but posed no immediate threat to the **East Coast** as the upper-air steering currents should curve Humberto northeastward, away from land.

For the second consecutive week, mostly dry weather covered **Alaska**, except along southeastern sections of the State where weekly rainfall totals exceeded 2 inches at **Cordova** and **Wrangell**, 3 inches at **Yakutat**, 4 inches at **Kodiak** and **Petersburg**, and 7 inches at **Annette Island** and **Ketchikan**. Temperatures averaged above normal for the second straight week, especially in **central and eastern Alaska**, with departures of +4 to +7°F and highs in the mid- to upper 60°F's early in the week. In **Hawaii**, daily light showers (0.1 to 0.5 inches) dampened **windward portions of Kauai, Oahu, Maui, and the Big Island (Kona)**, with heavier amounts (0.75 to 1.40 inches) reported at a few locations on **Kona and Oahu**. Leeward locations, however, received little or no rain as drought persisted. Temperatures averaged near to slightly above normal for the week.

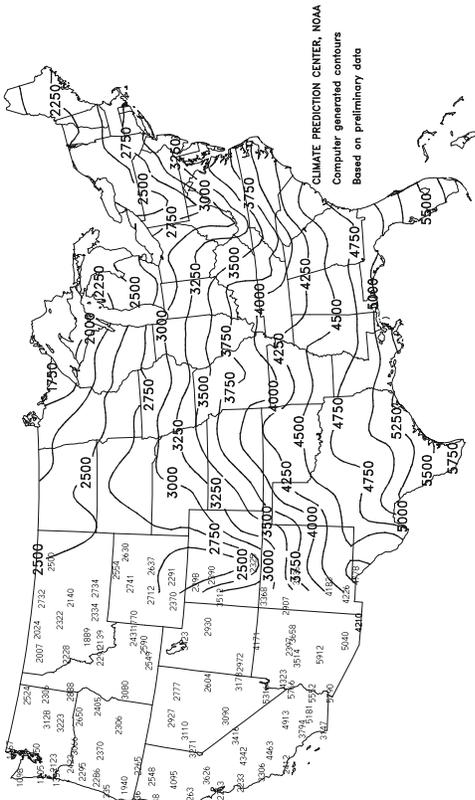
Total Growing Degree Days
APR 1 - SEP 22, 2001



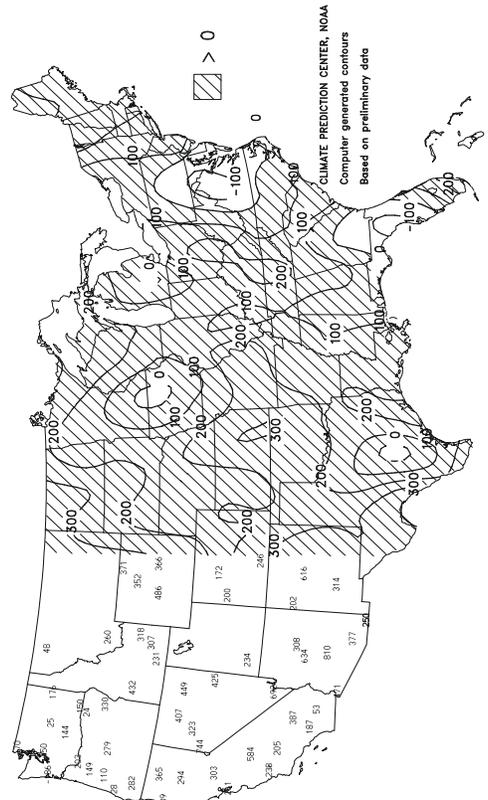
Departure From Normal Growing Degree Days
APR 1 - SEP 22, 2001



Total Growing Degree Days
MAR 1 - SEP 22, 2001



Departure From Normal Growing Degree Days
MAR 1 - SEP 22, 2001



National Weather Data for Selected Cities

Weather Data for the Week Ending September 22, 2001

Data Provided by Climate Prediction Center (301-763-8000, Ext. 7503)

| STATES AND STATIONS | TEMPERATURE EF | | | | | | 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. EF | | PRECIP | |
| | | | | | | | | | | | | | | | | 90 AND ABOVE | 32 AND BELOW | 0.1 INCH OR MORE | 50 INCH OR MORE |
| AL BIRMINGHAM | 81 | 60 | 86 | 56 | 71 | -2 | 0.17 | -0.75 | 0.16 | 6.12 | 209 | 55.11 | 133 | 95 | 51 | 0 | 0 | 2 | 0 |
| AL HUNTSVILLE | 82 | 60 | 87 | 54 | 71 | 0 | 0.12 | -0.84 | 0.12 | 3.29 | 109 | 49.79 | 118 | 97 | 54 | 0 | 0 | 1 | 0 |
| AL MOBILE | 85 | 67 | 88 | 64 | 76 | -1 | 0.53 | -0.80 | 0.53 | 2.47 | 54 | 46.93 | 93 | 95 | 70 | 0 | 0 | 1 | 1 |
| AL MONTGOMERY | 85 | 59 | 91 | 56 | 72 | -4 | 0.03 | -0.93 | 0.02 | 1.44 | 47 | 38.65 | 95 | 10 | 61 | 1 | 0 | 2 | 0 |
| AK ANCHORAGE | 58 | 44 | 61 | 36 | 51 | 4 | 0.17 | -0.46 | 0.08 | 1.17 | 59 | 11.68 | 107 | 95 | 88 | 0 | 0 | 4 | 0 |
| AK BARROW | 34 | 30 | 38 | 29 | 32 | 3 | 0.03 | -0.10 | 0.02 | 0.49 | 107 | 4.29 | 123 | 99 | 97 | 0 | 7 | 2 | 0 |
| AK FAIRBANKS | 61 | 35 | 66 | 32 | 48 | 4 | 0.00 | -0.19 | 0.00 | 0.24 | 32 | 7.63 | 94 | 87 | 78 | 0 | 1 | 0 | 0 |
| AK JUNEAU | 55 | 47 | 58 | 43 | 51 | 2 | 1.89 | 0.27 | 0.58 | 6.88 | 144 | 41.79 | 119 | 99 | 95 | 0 | 0 | 7 | 1 |
| AK KODIAK | 54 | 47 | 60 | 41 | 51 | 2 | 4.14 | 2.46 | 1.76 | 6.27 | 125 | 52.29 | 115 | 92 | 87 | 0 | 0 | 6 | 4 |
| AK NOME | 51 | 35 | 61 | 26 | 43 | 2 | 0.05 | -0.50 | 0.03 | 0.73 | 39 | 11.99 | 108 | 87 | 79 | 0 | 3 | 2 | 0 |
| AZ FLAGSTAFF | 77 | 41 | 80 | 36 | 59 | 3 | 0.01 | -0.44 | 0.01 | 0.69 | 44 | 14.80 | 90 | 73 | 18 | 0 | 0 | 1 | 0 |
| AZ PHOENIX | 104 | 79 | 107 | 76 | 92 | 7 | 0.00 | -0.19 | 0.00 | 0.00 | 0 | 5.62 | 109 | 36 | 24 | 7 | 0 | 0 | 0 |
| AZ TUCSON | 98 | 69 | 101 | 68 | 84 | 4 | 0.00 | -0.37 | 0.00 | 0.39 | 30 | 6.53 | 74 | 54 | 27 | 7 | 0 | 0 | 0 |
| AZ YUMA | 103 | 77 | 106 | 72 | 90 | 4 | 0.00 | -0.06 | 0.00 | 1.28 | 512 | 4.44 | 208 | 48 | 26 | 7 | 0 | 0 | 0 |
| AR FORT SMITH | 81 | 63 | 86 | 59 | 72 | -1 | 1.28 | 0.51 | 0.79 | 3.85 | 165 | 29.80 | 102 | 98 | 62 | 0 | 0 | 4 | 1 |
| AR LITTLE ROCK | 84 | 63 | 87 | 59 | 74 | 1 | 0.46 | -0.50 | 0.35 | 2.44 | 82 | 30.10 | 84 | 95 | 52 | 0 | 0 | 3 | 0 |
| CA BAKERSFIELD | 93 | 65 | 94 | 63 | 79 | 3 | 0.00 | -0.04 | 0.00 | 0.00 | 0 | 5.39 | 134 | 51 | 38 | 7 | 0 | 0 | 0 |
| CA FRESNO | 93 | 62 | 97 | 59 | 78 | 4 | 0.00 | -0.06 | 0.00 | 0.00 | 0 | 7.79 | 108 | 73 | 46 | 7 | 0 | 0 | 0 |
| CA LOS ANGELES | 72 | 62 | 76 | 61 | 67 | -3 | 0.00 | -0.08 | 0.00 | 0.00 | 0 | 16.92 | 206 | 92 | 72 | 0 | 0 | 0 | 0 |
| CA REDDING | 95 | 60 | 98 | 57 | 78 | 5 | 0.00 | -0.22 | 0.00 | 0.00 | 0 | 18.31 | 92 | 67 | 34 | 7 | 0 | 0 | 0 |
| CA SACRAMENTO | 86 | 54 | 90 | 52 | 70 | -1 | 0.00 | -0.09 | 0.00 | 0.00 | 0 | 11.90 | 107 | 92 | 35 | 1 | 0 | 0 | 0 |
| CA SAN DIEGO | 72 | 64 | 73 | 63 | 68 | -3 | 0.00 | -0.06 | 0.00 | 0.00 | 0 | 7.09 | 110 | 93 | 81 | 0 | 0 | 0 | 0 |
| CA SAN FRANCISCO | 66 | 54 | 68 | 51 | 60 | -4 | 0.00 | -0.06 | 0.00 | 0.00 | 0 | 12.66 | 102 | 94 | 83 | 0 | 0 | 0 | 0 |
| CA STOCKTON | 89 | 54 | 91 | 51 | 72 | 0 | 0.00 | -0.08 | 0.00 | 0.00 | 0 | 7.90 | 90 | 83 | 52 | 4 | 0 | 0 | 0 |
| CO ALAMOSA | 75 | 36 | 78 | 32 | 56 | 2 | 0.02 | -0.17 | 0.01 | 0.14 | 21 | 9.48 | 164 | 77 | 31 | 0 | 1 | 2 | 0 |
| CO CO SPRINGS | 77 | 48 | 83 | 44 | 62 | 3 | 0.34 | 0.07 | 0.30 | 1.03 | 94 | 14.57 | 102 | 84 | 27 | 0 | 0 | 4 | 0 |
| CO DENVER INTL | 79 | 51 | 87 | 45 | 65 | *** | 0.12 | *** | 0.12 | 1.01 | *** | 14.41 | *** | 70 | 26 | 0 | 0 | 1 | 0 |
| CO GRAND JUNCTION | 84 | 52 | 88 | 49 | 68 | 2 | 0.06 | -0.13 | 0.06 | 0.15 | 25 | 6.04 | 99 | 50 | 30 | 0 | 0 | 1 | 0 |
| CO PUEBLO | 84 | 49 | 90 | 43 | 67 | 2 | 0.01 | -0.17 | 0.01 | 0.50 | 68 | 10.93 | 114 | 78 | 32 | 1 | 0 | 1 | 0 |
| CT BRIDGEPORT | 74 | 59 | 77 | 49 | 67 | 2 | 1.54 | 0.82 | 1.22 | 1.61 | 72 | 30.21 | 99 | 86 | 65 | 0 | 0 | 2 | 1 |
| CT HARTFORD | 76 | 52 | 80 | 40 | 64 | 2 | 1.39 | 0.51 | 1.14 | 2.58 | 93 | 29.46 | 93 | 97 | 57 | 0 | 0 | 2 | 1 |
| DC WASHINGTON | 79 | 60 | 84 | 51 | 70 | 0 | 0.47 | -0.29 | 0.47 | 0.77 | 31 | 26.60 | 93 | 92 | 49 | 0 | 0 | 1 | 0 |
| DE WILMINGTON | 77 | 56 | 83 | 45 | 67 | 0 | 0.45 | -0.35 | 0.36 | 1.85 | 72 | 29.44 | 97 | 10 | 50 | 0 | 0 | 3 | 0 |
| FL DAYTONA BEACH | 85 | 70 | 87 | 63 | 77 | -2 | 0.00 | -1.47 | 0.00 | 14.42 | 302 | 46.10 | 125 | 95 | 19 | 0 | 0 | 0 | 0 |
| FL JACKSONVILLE | 85 | 66 | 90 | 57 | 76 | -2 | 0.47 | -1.12 | 0.47 | 14.72 | 267 | 42.45 | 101 | 95 | 56 | 1 | 0 | 1 | 0 |
| FL KEY WEST | 87 | 77 | 88 | 76 | 82 | -1 | 0.21 | -1.16 | 0.12 | 3.66 | 84 | 27.44 | 95 | 86 | 68 | 0 | 0 | 3 | 0 |
| FL MIAMI | 88 | 76 | 90 | 71 | 82 | 0 | 0.45 | -1.32 | 0.45 | 10.05 | 176 | 46.56 | 106 | 84 | 62 | 2 | 0 | 1 | 0 |
| FL ORLANDO | 88 | 70 | 89 | 66 | 79 | -2 | 1.75 | 0.39 | 1.39 | 9.80 | 209 | 51.45 | 129 | 93 | 56 | 0 | 0 | 2 | 1 |
| FL PENSACOLA | 86 | 67 | 92 | 65 | 77 | -1 | 0.05 | -1.13 | 0.05 | 2.14 | 53 | 40.94 | 84 | 86 | 48 | 3 | 0 | 1 | 0 |
| FL TALLAHASSEE | 88 | 61 | 91 | 52 | 74 | -4 | 0.40 | -0.83 | 0.40 | 4.65 | 107 | 55.74 | 106 | 94 | 48 | 1 | 0 | 1 | 0 |
| FL TAMPA | 87 | 72 | 89 | 67 | 79 | -2 | 0.00 | -1.32 | 0.00 | 11.40 | 241 | 36.01 | 98 | 90 | 59 | 0 | 0 | 0 | 0 |
| FL WEST PALM | 87 | 73 | 89 | 69 | 80 | -1 | 0.00 | -2.04 | 0.00 | 12.87 | 206 | 51.90 | 116 | 89 | 62 | 0 | 0 | 0 | 0 |
| GA ATHENS | 84 | 56 | 89 | 49 | 70 | -2 | 0.00 | -0.77 | 0.00 | 0.33 | 13 | 35.89 | 95 | 92 | 45 | 0 | 0 | 0 | 0 |
| GA ATLANTA | 83 | 59 | 87 | 53 | 71 | -1 | 0.11 | -0.69 | 0.08 | 0.83 | 33 | 33.39 | 86 | 84 | 47 | 0 | 0 | 2 | 0 |
| GA AUGUSTA | 85 | 57 | 90 | 49 | 71 | -3 | 0.08 | -0.59 | 0.08 | 2.99 | 130 | 31.01 | 88 | 86 | 46 | 1 | 0 | 1 | 0 |
| GA COLUMBUS | 86 | 63 | 91 | 55 | 74 | -2 | 0.00 | -0.74 | 0.00 | 2.69 | 109 | 32.88 | 83 | 84 | 36 | 2 | 0 | 0 | 0 |
| GA MACON | 86 | 58 | 91 | 49 | 72 | -2 | 0.13 | -0.49 | 0.12 | 3.77 | 178 | 40.19 | 116 | 91 | 41 | 1 | 0 | 2 | 0 |
| GA SAVANNAH | 85 | 63 | 90 | 54 | 74 | -2 | 0.48 | -0.46 | 0.48 | 4.05 | 114 | 30.01 | 74 | 95 | 54 | 1 | 0 | 1 | 0 |
| HI HILO | 83 | 69 | 87 | 67 | 76 | 0 | 3.16 | 1.20 | 0.98 | 5.24 | 84 | 61.93 | 68 | 92 | 81 | 0 | 0 | 7 | 2 |
| HI HONOLULU | 88 | 76 | 89 | 75 | 82 | 1 | 0.14 | -0.06 | 0.12 | 0.14 | 30 | 3.29 | 26 | 76 | 67 | 0 | 0 | 2 | 0 |
| HI KAHULUI | 86 | 73 | 88 | 71 | 80 | 1 | 0.01 | -0.07 | 0.01 | 0.08 | 40 | 2.90 | 21 | 78 | 62 | 0 | 0 | 1 | 0 |
| HI LIHUE | 86 | 76 | 87 | 74 | 81 | 2 | 0.23 | -0.36 | 0.16 | 0.91 | 58 | 18.57 | 68 | 80 | 72 | 0 | 0 | 4 | 0 |
| ID BOISE | 83 | 53 | 86 | 50 | 68 | 7 | 0.00 | -0.19 | 0.00 | 0.44 | 76 | 4.94 | 60 | 50 | 31 | 0 | 0 | 0 | 0 |
| ID LEWISTON | 83 | 54 | 88 | 47 | 68 | 5 | 0.00 | -0.19 | 0.00 | 0.00 | 0 | 6.97 | 77 | 51 | 34 | 0 | 0 | 0 | 0 |
| ID POCATELLO | 79 | 44 | 86 | 38 | 61 | 3 | 0.00 | -0.19 | 0.00 | 0.51 | 84 | 4.81 | 55 | 67 | 31 | 0 | 0 | 0 | 0 |
| IL CHICAGO/O'HARE | 70 | 53 | 74 | 48 | 61 | -2 | 2.51 | 1.64 | 1.34 | 3.82 | 130 | 32.78 | 121 | 92 | 67 | 0 | 0 | 5 | 2 |
| IL MOLINE | 71 | 53 | 76 | 49 | 62 | -2 | 1.44 | 0.51 | 1.22 | 2.90 | 96 | 33.07 | 109 | 95 | 65 | 0 | 0 | 5 | 1 |
| IL PEORIA | 73 | 54 | 75 | 51 | 64 | -1 | 1.86 | 0.94 | 1.52 | 3.72 | 129 | 28.95 | 105 | 96 | 66 | 0 | 0 | 3 | 1 |
| IL ROCKFORD | 69 | 52 | 75 | 48 | 61 | -1 | 4.37 | 3.50 | 2.40 | 8.53 | 298 | 29.39 | 106 | 95 | 69 | 0 | 0 | 5 | 3 |
| IL SPRINGFIELD | 75 | 52 | 80 | 47 | 64 | -2 | 1.46 | 0.68 | 0.82 | 2.13 | 86 | 24.99 | 94 | 94 | 68 | 0 | 0 | 3 | 2 |
| IN EVANSVILLE | 78 | 56 | 81 | 51 | 67 | -1 | 0.65 | -0.04 | 0.25 | 2.57 | 117 | 30.24 | 94 | 89 | 58 | 0 | 0 | 3 | 0 |
| IN FORT WAYNE | 74 | 52 | 77 | 45 | 63 | -1 | 1.15 | 0.55 | 0.67 | 2.98 | 148 | 30.35 | 117 | 97 | 51 | 0 | 0 | 3 | 1 |
| IN INDIANAPOLIS | 75 | 55 | 77 | 51 | 65 | -1 | 1.66 | 1.01 | 0.87 | 3.86 | 179 | 28.40 | 95 | 95 | 55 | 0 | 0 | 2 | 2 |
| IN SOUTH BEND | 71 | 52 | 73 | 47 | 62 | -1 | 1.78 | 0.94 | 0.75 | 3.39 | 126 | 27.52 | 96 | 95 | 63 | 0 | 0 | 5 | 2 |
| IA BURLINGTON | 72 | 54 | 77 | 50 | 63 | -2 | 1.83 | 0.87 | 1.43 | 3.41 | 111 | 32.39 | 117 | 94 | 59 | 0 | 0 | 5 | 1 |
| IA CEDAR RAPIDS | 68 | 49 | 73 | 46 | 59 | -3 | 1.42 | 0.52 | 0.88 | 2.90 | 97 | 29.86 | 111 | 99 | 66 | 0 | 0 | 6 | 1 |
| IA DES MOINES | 71 | 55 | 76 | 52 | 63 | -1 | 0.82 | 0.02 | 0.75 | 4.75 | 177 | 24.58 | 93 | 97 | 77 | 0 | 0 | 3 | 1 |
| IA DUBUQUE | 67 | 52 | 72 | 49 | 60 | 0 | 1.84 | 0.77 | 0.74 | 3.80 | 106 | 26.40 | 88 | 93 | 69 | 0 | 0 | 4 | 2 |
| IA SIOUX CITY | 72 | 51 | 80 | 45 | 61 | -1 | 0.59 | -0.08 | 0.33 | 3.41 | 156 | 25.85 | 121 | 98 | 77 | 0 | 0 | 6 | 0 |
| IA WATERLOO | 70 | 50 | 76 | 45 | 60 | -1 | 1.25 | 0.44 | 0.57 | 3.81 | 145 | 29.32 | 108 | 97 | 74 | 0 | 0 | 4 | 2 |
| KS CONCORDIA | 76 | 57 | 84 | 53 | 67 | 1 | 2.72 | 2.03 | 1.19 | 4.64 | 202 | 25.35 | 105 | 95 | 74 | 0 | 0 | 4 | 2 |
| KS DODGE CITY | 85 | 58 | 92 | 52 | 71 | 3 | 0.69 | 0.26 | 0.57 | 2.33 | 159 | 18.24 | 100 | 10 | 49 | 1 | 0 | 4 | 1 |
| KS GOODLAND | 78 | 52 | 90 | 50 | 65 | 2 | 0.62 | 0.26 | 0.51 | 1.70 | 142 | 15.10 | 95 | 92 | 57 | 1 | 0 | 3 | 1 |
| KS TOPEKA | 76 | 58 | 84 | 54 | 67 | 0 | 2.85 | 1.97 | 1.01 | 6.56 | 232 | 37.02 | 133 | 95 | 75 | 0 | 0 | 6 | 4 |

Based on 1961-90 normals

*** Not Available

Weather Data for the Week Ending September 22, 2001

| STATES AND STATIONS | TEMPERATURE EF | | | | | | 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. EF | | PRECIP | |
| | | | | | | | | | | | | | | | | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| KY WICHITA | 79 | 62 | 85 | 53 | 71 | 2 | 1.53 | 0.71 | 1.18 | 3.08 | 118 | 22.66 | 97 | 94 | 75 | 0 | 0 | 4 | 1 |
| KY JACKSON | 76 | 56 | 79 | 47 | 66 | -1 | 0.25 | -0.60 | 0.24 | 0.39 | 14 | 28.43 | 77 | 94 | 48 | 0 | 0 | 2 | 0 |
| KY LEXINGTON | 77 | 56 | 80 | 49 | 66 | -1 | 1.39 | 0.66 | 1.34 | 2.21 | 91 | 30.17 | 89 | 89 | 57 | 0 | 0 | 2 | 1 |
| KY LOUISVILLE | 78 | 60 | 80 | 53 | 69 | 0 | 0.25 | -0.48 | 0.24 | 3.25 | 137 | 29.03 | 87 | 86 | 53 | 0 | 0 | 2 | 0 |
| LA PADUCAH | 80 | 56 | 84 | 49 | 68 | -1 | 1.23 | 0.36 | 1.19 | 2.02 | 74 | 30.34 | 83 | 97 | 51 | 0 | 0 | 4 | 1 |
| LA BATON ROUGE | 88 | 70 | 91 | 66 | 79 | 1 | 0.76 | -0.33 | 0.65 | 7.13 | 192 | 52.03 | 112 | 99 | 50 | 1 | 0 | 2 | 1 |
| LA LAKE CHARLES | 89 | 71 | 93 | 69 | 80 | 3 | 0.77 | -0.55 | 0.39 | 9.42 | 221 | 43.55 | 108 | 96 | 59 | 3 | 0 | 5 | 0 |
| LA NEW ORLEANS | 88 | 72 | 90 | 70 | 80 | 2 | 0.53 | -0.72 | 0.36 | 5.57 | 131 | 58.21 | 123 | 92 | 65 | 1 | 0 | 2 | 0 |
| ME SHREVEPORT | 84 | 68 | 89 | 65 | 76 | 0 | 2.67 | 1.91 | 2.05 | 7.03 | 318 | 44.13 | 134 | 94 | 65 | 0 | 0 | 5 | 1 |
| ME CARIBOU | 67 | 46 | 75 | 34 | 56 | 4 | 0.36 | -0.42 | 0.18 | 1.64 | 63 | 21.32 | 82 | 94 | 57 | 0 | 0 | 3 | 0 |
| ME PORTLAND | 70 | 51 | 78 | 39 | 61 | 3 | 1.64 | 0.91 | 1.22 | 2.43 | 110 | 25.51 | 85 | 93 | 60 | 0 | 0 | 4 | 1 |
| MD BALTIMORE | 77 | 55 | 81 | 45 | 66 | -2 | 0.57 | -0.21 | 0.57 | 0.82 | 32 | 30.18 | 100 | 97 | 55 | 0 | 0 | 1 | 1 |
| MA BOSTON | 71 | 57 | 80 | 50 | 64 | 0 | 0.86 | 0.14 | 0.47 | 1.50 | 66 | 26.09 | 89 | 91 | 69 | 0 | 0 | 3 | 0 |
| MA WORCESTER | 71 | 56 | 76 | 46 | 64 | 5 | 0.84 | -0.10 | 0.78 | 2.02 | 69 | 27.06 | 80 | 90 | 58 | 0 | 0 | 2 | 1 |
| MI ALPENA | 67 | 51 | 71 | 37 | 59 | 3 | 1.32 | 0.61 | 1.01 | 3.77 | 159 | 18.10 | 83 | 98 | 71 | 0 | 0 | 5 | 1 |
| MI GRAND RAPIDS | 69 | 51 | 72 | 44 | 60 | 0 | 0.44 | -0.56 | 0.24 | 2.33 | 74 | 27.17 | 105 | 98 | 66 | 0 | 0 | 3 | 0 |
| MI HOUGHTON LAKE | 65 | 48 | 69 | 34 | 56 | 0 | 1.17 | 0.38 | 1.02 | 2.61 | 101 | 20.10 | 96 | 10 | 73 | 0 | 0 | 3 | 1 |
| MI LANSING | 69 | 49 | 72 | 43 | 59 | -1 | 0.77 | -0.06 | 0.44 | 2.09 | 77 | 21.65 | 95 | 94 | 63 | 0 | 0 | 3 | 0 |
| MI MUSKEGON | 69 | 50 | 74 | 40 | 60 | 0 | 0.42 | -0.48 | 0.24 | 2.53 | 87 | 23.97 | 106 | 96 | 69 | 0 | 0 | 5 | 0 |
| MI TRAVERSE CITY | 64 | 49 | 71 | 41 | 57 | -2 | 1.15 | 0.20 | 0.90 | 2.65 | 90 | 20.21 | 94 | 10 | 71 | 0 | 0 | 5 | 1 |
| MN DULUTH | 62 | 47 | 67 | 40 | 55 | 2 | 0.40 | -0.48 | 0.35 | 1.18 | 41 | 24.56 | 104 | 97 | 78 | 0 | 0 | 3 | 0 |
| MN INTL FALLS | 65 | 42 | 70 | 33 | 53 | 1 | 0.38 | -0.35 | 0.37 | 2.12 | 89 | 23.80 | 121 | 98 | 67 | 0 | 0 | 2 | 0 |
| MN MINNEAPOLIS | 64 | 54 | 70 | 49 | 59 | 0 | 2.14 | 1.53 | 1.63 | 3.54 | 172 | 29.48 | 129 | 92 | 77 | 0 | 0 | 4 | 1 |
| MN ROCHESTER | 65 | 51 | 70 | 45 | 58 | 0 | 1.52 | 0.72 | 1.21 | 2.85 | 108 | 32.99 | 138 | 97 | 83 | 0 | 0 | 4 | 1 |
| MN ST. CLOUD | 64 | 48 | 70 | 39 | 56 | 0 | 0.54 | -0.17 | 0.37 | 1.81 | 75 | 24.20 | 108 | 10 | 79 | 0 | 0 | 6 | 0 |
| MS JACKSON | 87 | 65 | 89 | 60 | 76 | 1 | 0.51 | -0.31 | 0.42 | 4.35 | 165 | 48.88 | 121 | 94 | 49 | 0 | 0 | 3 | 0 |
| MS MERIDIAN | 85 | 64 | 89 | 59 | 74 | -1 | 0.68 | -0.14 | 0.59 | 6.09 | 233 | 51.88 | 123 | 99 | 69 | 0 | 0 | 5 | 1 |
| MS TUPELO | 84 | 62 | 88 | 57 | 73 | 0 | 0.70 | -0.15 | 0.64 | 2.60 | 99 | 47.20 | 117 | 94 | 63 | 0 | 0 | 3 | 1 |
| MO COLUMBIA | 76 | 55 | 82 | 51 | 66 | -1 | 2.28 | 1.37 | 1.38 | 3.09 | 109 | 33.56 | 114 | 95 | 55 | 0 | 0 | 4 | 2 |
| MO KANSAS CITY | 74 | 56 | 83 | 52 | 65 | -1 | 5.76 | 4.61 | 4.38 | 7.54 | 209 | 49.17 | 166 | 99 | 71 | 0 | 0 | 5 | 3 |
| MO SAINT LOUIS | 77 | 59 | 83 | 55 | 68 | -1 | 1.28 | 0.54 | 1.04 | 2.83 | 123 | 23.29 | 84 | 87 | 61 | 0 | 0 | 5 | 1 |
| MO SPRINGFIELD | 77 | 58 | 81 | 53 | 68 | 0 | 0.79 | -0.31 | 0.30 | 3.24 | 95 | 35.12 | 112 | 91 | 64 | 0 | 0 | 3 | 0 |
| MT BILLINGS | 76 | 47 | 83 | 43 | 61 | 3 | 0.00 | -0.33 | 0.00 | 1.06 | 106 | 9.69 | 81 | 71 | 28 | 0 | 0 | 0 | 0 |
| MT BUTTE | 72 | 33 | 73 | 28 | 53 | 4 | 0.00 | -0.29 | 0.00 | 0.98 | 101 | 8.96 | 88 | 83 | 20 | 0 | 3 | 0 | 0 |
| MT GLASGOW | 73 | 46 | 80 | 44 | 59 | 3 | 0.00 | -0.22 | 0.00 | 0.41 | 53 | 12.32 | 130 | 78 | 43 | 0 | 0 | 0 | 0 |
| MT GREAT FALLS | 75 | 42 | 79 | 35 | 59 | 4 | 0.00 | -0.28 | 0.00 | 1.49 | 155 | 9.42 | 75 | 74 | 20 | 0 | 0 | 0 | 0 |
| MT HAYRE | 77 | 39 | 84 | 31 | 58 | 3 | 0.00 | -0.27 | 0.00 | 0.30 | 33 | 6.48 | 69 | 71 | 35 | 0 | 1 | 0 | 0 |
| MT KALISPELL | 76 | 37 | 83 | 30 | 57 | 5 | 0.00 | -0.29 | 0.00 | 0.36 | 37 | 9.53 | 77 | 84 | 39 | 0 | 2 | 0 | 0 |
| MT MISSOULA | 78 | 41 | 82 | 35 | 59 | 5 | 0.00 | -0.25 | 0.00 | 0.32 | 38 | 9.60 | 92 | 68 | 39 | 0 | 0 | 0 | 0 |
| NE GRAND ISLAND | 75 | 54 | 80 | 48 | 64 | 1 | 0.28 | -0.38 | 0.21 | 2.31 | 106 | 20.88 | 99 | 97 | 72 | 0 | 0 | 3 | 0 |
| NE LINCOLN | 76 | 55 | 85 | 48 | 65 | 1 | 2.93 | 2.12 | 2.64 | 5.86 | 223 | 28.95 | 125 | 95 | 64 | 0 | 0 | 5 | 1 |
| NE NORFOLK | 74 | 53 | 80 | 48 | 64 | 2 | 0.13 | -0.44 | 0.12 | 2.40 | 130 | 23.52 | 111 | 94 | 63 | 0 | 0 | 2 | 0 |
| NE NORTH PLATTE | 72 | 48 | 81 | 44 | 60 | 0 | 1.00 | 0.63 | 0.82 | 2.73 | 228 | 21.84 | 130 | 10 | 61 | 0 | 0 | 4 | 1 |
| NE OMAHA | 74 | 54 | 83 | 50 | 64 | 0 | 0.87 | 0.00 | 0.50 | 2.42 | 86 | 24.17 | 100 | 97 | 81 | 0 | 0 | 5 | 1 |
| NE SCOTTSBLUFF | 77 | 49 | 87 | 45 | 63 | 3 | 0.50 | 0.25 | 0.47 | 1.04 | 133 | 11.99 | 93 | 93 | 49 | 0 | 0 | 4 | 0 |
| NV VALENTINE | 75 | 47 | 84 | 38 | 61 | 1 | 0.24 | -0.10 | 0.22 | 1.96 | 165 | 18.52 | 116 | 94 | 56 | 0 | 0 | 3 | 0 |
| NV ELY | 80 | 37 | 84 | 35 | 59 | 4 | 0.00 | -0.25 | 0.00 | 0.44 | 59 | 4.82 | 63 | 55 | 21 | 0 | 0 | 0 | 0 |
| NV LAS VEGAS | 98 | 71 | 99 | 68 | 84 | 5 | 0.00 | -0.06 | 0.00 | 0.00 | 0 | 3.77 | 124 | 25 | 17 | 7 | 0 | 0 | 0 |
| NV RENO | 87 | 51 | 91 | 48 | 69 | 10 | 0.00 | -0.08 | 0.00 | 0.03 | 12 | 1.51 | 29 | 35 | 23 | 2 | 0 | 0 | 0 |
| NV WINNEMUCCA | 88 | 41 | 92 | 36 | 64 | 6 | 0.00 | -0.08 | 0.00 | 0.00 | 0 | 2.69 | 48 | 62 | 23 | 3 | 0 | 0 | 0 |
| NH CONCORD | 75 | 49 | 80 | 33 | 62 | 4 | 0.76 | 0.13 | 0.59 | 1.95 | 95 | 25.29 | 99 | 96 | 51 | 0 | 0 | 2 | 1 |
| NJ NEWARK | 77 | 59 | 81 | 50 | 68 | 0 | 1.04 | 0.20 | 0.58 | 3.42 | 125 | 27.01 | 83 | 86 | 53 | 0 | 0 | 2 | 1 |
| NM ALBUQUERQUE | 85 | 59 | 88 | 57 | 72 | 4 | 0.07 | -0.15 | 0.07 | 0.51 | 66 | 5.45 | 80 | 54 | 22 | 0 | 0 | 1 | 0 |
| NY ALBANY | 75 | 52 | 78 | 40 | 64 | 4 | 0.56 | -0.11 | 0.48 | 1.22 | 55 | 23.71 | 90 | 94 | 48 | 0 | 0 | 2 | 0 |
| NY BINGHAMTON | 69 | 49 | 73 | 38 | 59 | 0 | 0.32 | -0.45 | 0.27 | 1.97 | 79 | 25.91 | 96 | 94 | 63 | 0 | 0 | 3 | 0 |
| NY BUFFALO | 74 | 55 | 78 | 44 | 64 | 3 | 0.21 | -0.58 | 0.08 | 0.45 | 17 | 18.00 | 66 | 85 | 49 | 0 | 0 | 3 | 0 |
| NY ROCHESTER | 74 | 51 | 79 | 43 | 63 | 2 | 0.17 | -0.50 | 0.08 | 0.37 | 17 | 20.51 | 89 | 89 | 51 | 0 | 0 | 3 | 0 |
| NY SYRACUSE | 75 | 53 | 80 | 44 | 64 | 3 | 0.37 | -0.51 | 0.20 | 0.67 | 24 | 23.67 | 85 | 93 | 51 | 0 | 0 | 3 | 0 |
| NC ASHEVILLE | 75 | 51 | 80 | 42 | 63 | -2 | 0.94 | 0.06 | 0.68 | 3.35 | 116 | 29.11 | 81 | 99 | 76 | 0 | 0 | 5 | 1 |
| NC CHARLOTTE | 82 | 55 | 85 | 46 | 68 | -3 | 0.48 | -0.33 | 0.47 | 2.25 | 87 | 20.60 | 64 | 97 | 46 | 0 | 0 | 2 | 0 |
| NC GREENSBORO | 79 | 56 | 83 | 47 | 68 | -1 | 0.55 | -0.28 | 0.55 | 1.36 | 52 | 26.19 | 82 | 91 | 46 | 0 | 0 | 1 | 1 |
| NC HATTERAS | 77 | 66 | 79 | 57 | 71 | -3 | 0.30 | -0.90 | 0.22 | 0.75 | 19 | 22.46 | 56 | 90 | 70 | 0 | 0 | 2 | 0 |
| NC RALEIGH | 82 | 56 | 88 | 46 | 69 | -1 | 0.08 | -0.64 | 0.08 | 0.35 | 15 | 30.11 | 95 | 95 | 49 | 0 | 0 | 1 | 0 |
| NC WILMINGTON | 81 | 60 | 86 | 53 | 71 | -4 | 0.75 | -0.36 | 0.47 | 2.46 | 62 | 34.71 | 79 | 97 | 54 | 0 | 0 | 3 | 0 |
| ND BISMARCK | 69 | 50 | 78 | 43 | 60 | 4 | 0.29 | -0.05 | 0.29 | 1.06 | 93 | 20.30 | 154 | 96 | 67 | 0 | 0 | 1 | 0 |
| ND DICKINSON | 68 | 48 | 81 | 41 | 58 | 3 | 0.01 | -0.38 | 0.01 | 2.13 | 169 | 18.02 | 130 | 95 | 48 | 0 | 0 | 1 | 0 |
| ND FARGO | 65 | 49 | 71 | 45 | 57 | 1 | 0.30 | -0.15 | 0.24 | 1.31 | 88 | 16.17 | 102 | 10 | 74 | 0 | 0 | 6 | 0 |
| ND GRAND FORKS | 66 | 48 | 72 | 42 | 57 | 2 | 0.90 | 0.39 | 0.68 | 1.37 | 80 | 19.39 | 127 | 97 | 59 | 0 | 0 | 2 | 1 |
| ND JAMESTOWN | 67 | 49 | 72 | 44 | 58 | 2 | 0.51 | 0.11 | 0.47 | 1.30 | 96 | 18.58 | 128 | 98 | 61 | 0 | 0 | 4 | 0 |
| ND WILLISTON | 71 | 41 | 83 | 35 | 56 | 1 | 0.00 | -0.31 | 0.00 | 0.30 | 30 | 12.75 | 110 | 91 | 55 | 0 | 0 | 0 | 0 |
| OH AKRON-CANTON | 72 | 53 | 74 | 42 | 62 | -1 | 0.75 | -0.02 | 0.53 | 1.40 | 56 | 22.09 | 80 | 91 | 57 | 0 | 0 | 2 | 1 |
| OH CINCINNATI | 73 | 55 | 77 | 49 | 64 | -2 | 1.01 | 0.35 | 0.64 | 2.37 | 111 | 31.70 | 102 | 92 | 66 | 0 | 0 | 3 | 1 |
| OH CLEVELAND | 72 | 53 | 76 | 42 | 62 | -1 | 0.98 | 0.18 | 0.57 | 1.79 | 69 | 21.54 | 80 | 93 | 59 | 0 | 0 | 2 | 1 |
| OH COLUMBUS | 74 | 55 | 77 | 47 | 64 | -1 | 0.64 | -0.03 | 0.33 | 1.42 | 63 | 26.68 | 91 | 94 | 64 | 0 | 0 | 3 | 0 |
| OH DAYTON | 72 | 54 | 76 | 46 | 63 | -2 | 0.67 | 0.09 | 0.34 | 3.64 | 191 | 30.46 | 111 | 95 | 59 | 0 | 0 | 2 | 0 |
| OH MANSFIELD | 71 | 52 | 74 | 42 | 62 | -1 | 1.09 | 0.33 | 0.66 | 2.22 | 85 | 23.26 | 78 | 98 | 56 | 0 | 0 | 5 | 1 |

Based on 1961-90 normals

Weather Data for the Week Ending September 22, 2001

| STATES AND STATIONS | TEMPERATURE EF | | | | | | 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. EF | | PRECIP | |
| | | | | | | | | | | | | | | | | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| OK TOLEDO | 74 | 53 | 77 | 45 | 63 | 1 | 1.16 | 0.51 | 0.81 | 3.60 | 166 | 22.40 | 92 | 93 | 60 | 0 | 0 | 5 | 1 |
| OK YOUNGSTOWN | 73 | 51 | 75 | 39 | 62 | 1 | 1.03 | 0.22 | 0.51 | 1.84 | 71 | 19.85 | 71 | 93 | 57 | 0 | 0 | 3 | 1 |
| OK OKLAHOMA CITY | 81 | 64 | 85 | 61 | 72 | 0 | 2.68 | 1.75 | 1.50 | 5.59 | 200 | 23.59 | 92 | 98 | 68 | 0 | 0 | 2 | 2 |
| OK TULSA | 81 | 65 | 84 | 60 | 73 | 1 | 1.28 | 0.15 | 0.66 | 1.97 | 57 | 20.77 | 68 | 94 | 70 | 0 | 0 | 4 | 2 |
| OR ASTORIA | 64 | 50 | 71 | 43 | 57 | -1 | 0.02 | -0.71 | 0.01 | 0.47 | 25 | 30.12 | 77 | 95 | 82 | 0 | 0 | 2 | 0 |
| OR BURNS | 80 | 38 | 84 | 33 | 59 | 5 | 0.00 | -0.14 | 0.00 | 0.73 | 170 | 5.11 | 76 | 71 | 33 | 0 | 0 | 0 | 0 |
| OR EUGENE | 79 | 46 | 84 | 41 | 62 | 0 | 0.00 | -0.41 | 0.00 | 0.32 | 28 | 11.40 | 40 | 88 | 69 | 0 | 0 | 0 | 0 |
| OR MEDFORD | 89 | 49 | 93 | 46 | 69 | 4 | 0.00 | -0.21 | 0.00 | 0.37 | 63 | 5.89 | 56 | 75 | 24 | 3 | 0 | 0 | 0 |
| OR PENDLETON | 83 | 51 | 89 | 45 | 67 | 5 | 0.00 | -0.14 | 0.00 | 0.00 | 0 | 6.94 | 89 | 56 | 35 | 0 | 0 | 0 | 0 |
| OR PORTLAND | 74 | 53 | 84 | 49 | 64 | 1 | 0.00 | -0.43 | 0.00 | 0.01 | 1 | 13.13 | 61 | 83 | 67 | 0 | 0 | 0 | 0 |
| OR SALEM | 76 | 49 | 84 | 43 | 63 | 2 | 0.00 | -0.39 | 0.00 | 0.23 | 22 | 12.92 | 57 | 92 | 66 | 0 | 0 | 0 | 0 |
| PA ALLENTOWN | 77 | 51 | 80 | 40 | 64 | 0 | 1.49 | 0.59 | 1.49 | 2.61 | 88 | 30.56 | 95 | 97 | 51 | 0 | 0 | 1 | 1 |
| PA ERIE | 70 | 54 | 74 | 44 | 62 | -1 | 0.17 | -0.85 | 0.10 | 0.51 | 16 | 21.65 | 75 | 85 | 58 | 0 | 0 | 3 | 0 |
| PA MIDDLETOWN | 77 | 56 | 82 | 48 | 66 | 1 | 0.28 | -0.54 | 0.28 | 0.61 | 24 | 19.79 | 66 | 96 | 52 | 0 | 0 | 1 | 0 |
| PA PHILADELPHIA | 78 | 60 | 83 | 50 | 69 | 2 | 0.46 | -0.32 | 0.34 | 1.99 | 77 | 26.94 | 86 | 89 | 53 | 0 | 0 | 2 | 0 |
| PA PITTSBURGH | 74 | 53 | 78 | 44 | 63 | 0 | 0.71 | 0.03 | 0.39 | 1.32 | 59 | 26.60 | 95 | 97 | 50 | 0 | 0 | 2 | 0 |
| PA WILKES-BARRE | 73 | 51 | 77 | 38 | 62 | 0 | 0.31 | -0.46 | 0.30 | 1.88 | 76 | 21.36 | 79 | 95 | 49 | 0 | 0 | 2 | 0 |
| PA WILLIAMSPORT | 74 | 53 | 78 | 44 | 63 | 1 | 0.68 | -0.12 | 0.67 | 2.10 | 84 | 26.03 | 87 | 97 | 55 | 0 | 0 | 2 | 1 |
| RI PROVIDENCE | 75 | 55 | 80 | 45 | 65 | 2 | 3.16 | 2.36 | 2.09 | 3.22 | 126 | 35.53 | 111 | 93 | 63 | 0 | 0 | 3 | 2 |
| SC BEAUFORT | 83 | 63 | 88 | 57 | 73 | -3 | 0.06 | -1.01 | 0.06 | 3.29 | 83 | 39.82 | 94 | 95 | 52 | 0 | 0 | 1 | 0 |
| SC CHARLESTON | 84 | 61 | 88 | 54 | 72 | -4 | 0.28 | -0.74 | 0.17 | 4.18 | 113 | 36.39 | 87 | 93 | 59 | 0 | 0 | 2 | 0 |
| SC COLUMBIA | 85 | 58 | 89 | 46 | 71 | -2 | 0.64 | -0.14 | 0.63 | 1.65 | 58 | 25.76 | 65 | 90 | 47 | 0 | 0 | 2 | 1 |
| SD GREENVILLE | 79 | 57 | 85 | 50 | 68 | -2 | 0.02 | -0.92 | 0.01 | 4.65 | 161 | 30.70 | 80 | 93 | 50 | 0 | 0 | 2 | 0 |
| SD ABERDEEN | 69 | 50 | 81 | 46 | 60 | 2 | 1.12 | 0.69 | 0.98 | 2.62 | 186 | 19.22 | 120 | 94 | 68 | 0 | 0 | 2 | 1 |
| SD HURON | 72 | 50 | 83 | 46 | 61 | 2 | 0.38 | -0.01 | 0.25 | 1.76 | 138 | 23.98 | 141 | 96 | 60 | 0 | 0 | 3 | 0 |
| SD RAPID CITY | 74 | 46 | 84 | 42 | 60 | 1 | 0.15 | -0.13 | 0.12 | 0.94 | 102 | 13.57 | 96 | 86 | 44 | 0 | 0 | 4 | 0 |
| SD SIOUX FALLS | 69 | 50 | 74 | 47 | 59 | 0 | 0.91 | 0.21 | 0.71 | 2.31 | 101 | 24.51 | 125 | 95 | 74 | 0 | 0 | 2 | 1 |
| TN BRISTOL | 77 | 51 | 79 | 42 | 64 | -3 | 0.24 | -0.52 | 0.14 | 1.46 | 60 | 36.27 | 117 | 10 | 46 | 0 | 0 | 2 | 0 |
| TN CHATTANOOGA | 81 | 58 | 85 | 55 | 70 | -1 | 1.56 | 0.58 | 1.47 | 3.20 | 104 | 41.79 | 106 | 93 | 52 | 0 | 0 | 3 | 1 |
| TN KNOXVILLE | 79 | 56 | 82 | 50 | 67 | -2 | 1.24 | 0.52 | 1.23 | 2.12 | 94 | 33.99 | 97 | 96 | 50 | 0 | 0 | 2 | 1 |
| TN MEMPHIS | 85 | 65 | 88 | 61 | 75 | 2 | 1.82 | 1.00 | 1.69 | 3.35 | 127 | 37.28 | 100 | 90 | 49 | 0 | 0 | 2 | 1 |
| TX NASHVILLE | 82 | 60 | 85 | 55 | 71 | 0 | 0.97 | 0.17 | 0.95 | 1.16 | 44 | 35.27 | 100 | 93 | 50 | 0 | 0 | 1 | 1 |
| TX ABILENE | 89 | 67 | 95 | 62 | 78 | 3 | 0.91 | 0.16 | 0.71 | 2.34 | 98 | 17.04 | 92 | 84 | 54 | 3 | 0 | 3 | 1 |
| TX AMARILLO | 87 | 60 | 95 | 57 | 74 | 6 | 1.79 | 1.36 | 1.79 | 3.03 | 194 | 16.55 | 99 | 94 | 41 | 1 | 0 | 1 | 1 |
| TX AUSTIN | 90 | 69 | 94 | 65 | 80 | 0 | 2.65 | 1.84 | 2.62 | 5.46 | 233 | 26.94 | 116 | 90 | 65 | 4 | 0 | 2 | 1 |
| TX BEAUMONT | 90 | 71 | 95 | 69 | 81 | 3 | 1.49 | 0.00 | 0.82 | 7.78 | 165 | 54.41 | 131 | 10 | 60 | 3 | 0 | 4 | 1 |
| TX BROWNSVILLE | 93 | 75 | 95 | 73 | 84 | 3 | 0.53 | -0.94 | 0.53 | 2.15 | 48 | 11.95 | 61 | 93 | 57 | 7 | 0 | 1 | 1 |
| TX CORPUS CHRISTI | 90 | 74 | 93 | 72 | 82 | 2 | 0.33 | -1.00 | 0.28 | 6.33 | 154 | 27.40 | 120 | 93 | 62 | 4 | 0 | 3 | 0 |
| TX DEL RIO | 94 | 74 | 96 | 70 | 84 | 5 | 0.00 | -0.69 | 0.00 | 2.26 | 111 | 7.72 | 56 | 76 | 52 | 7 | 0 | 0 | 0 |
| TX EL PASO | 93 | 66 | 95 | 64 | 79 | 5 | 0.17 | -0.23 | 0.09 | 0.31 | 24 | 3.58 | 54 | 61 | 25 | 7 | 0 | 2 | 0 |
| TX FORT WORTH | 85 | 69 | 90 | 65 | 77 | 1 | 0.67 | -0.16 | 0.51 | 4.00 | 166 | 32.20 | 128 | 97 | 59 | 1 | 0 | 3 | 1 |
| TX GALVESTON | 88 | 78 | 90 | 72 | 83 | 4 | 1.29 | -0.11 | 1.20 | 6.12 | 136 | 46.63 | 150 | 95 | 69 | 1 | 0 | 2 | 1 |
| TX HOUSTON | 91 | 70 | 95 | 68 | 80 | 3 | 2.79 | 1.61 | 1.61 | 8.32 | 234 | 53.00 | 159 | 98 | 61 | 5 | 0 | 4 | 3 |
| TX LUBBOCK | 87 | 62 | 96 | 57 | 74 | 4 | 0.43 | -0.18 | 0.35 | 0.88 | 45 | 12.06 | 81 | 86 | 51 | 1 | 0 | 2 | 0 |
| TX MIDLAND | 90 | 67 | 95 | 62 | 79 | 7 | 0.94 | 0.31 | 0.35 | 0.99 | 51 | 8.50 | 75 | 80 | 54 | 4 | 0 | 4 | 0 |
| TX SAN ANGELO | 91 | 67 | 96 | 64 | 79 | 4 | 0.54 | -0.29 | 0.24 | 1.07 | 43 | 13.63 | 89 | 80 | 52 | 4 | 0 | 4 | 0 |
| TX SAN ANTONIO | 89 | 72 | 91 | 68 | 81 | 2 | 0.86 | 0.04 | 0.86 | 4.03 | 163 | 26.84 | 118 | 94 | 54 | 5 | 0 | 1 | 1 |
| TX VICTORIA | 90 | 72 | 94 | 69 | 81 | 2 | 0.32 | -1.05 | 0.26 | 6.76 | 164 | 30.34 | 108 | 97 | 64 | 4 | 0 | 3 | 0 |
| TX WACO | 90 | 72 | 94 | 67 | 81 | 3 | 0.38 | -0.49 | 0.37 | 2.24 | 90 | 23.17 | 99 | 91 | 69 | 4 | 0 | 2 | 0 |
| TX WICHITA FALLS | 90 | 68 | 92 | 65 | 79 | 5 | 0.03 | -0.88 | 0.02 | 0.64 | 23 | 15.28 | 68 | 86 | 51 | 5 | 0 | 2 | 0 |
| UT SALT LAKE CITY | 82 | 55 | 87 | 53 | 68 | 4 | 0.04 | -0.27 | 0.02 | 0.07 | 8 | 9.35 | 80 | 60 | 24 | 0 | 0 | 2 | 0 |
| VT BURLINGTON | 73 | 52 | 77 | 40 | 63 | 5 | 0.29 | -0.45 | 0.29 | 0.66 | 27 | 18.07 | 72 | 91 | 50 | 0 | 0 | 1 | 0 |
| VA LYNCHBURG | 78 | 51 | 82 | 42 | 64 | -3 | 0.43 | -0.32 | 0.34 | 0.85 | 36 | 26.88 | 90 | 98 | 48 | 0 | 0 | 3 | 0 |
| VA NORFOLK | 78 | 63 | 83 | 55 | 71 | 0 | 0.59 | -0.30 | 0.56 | 0.93 | 32 | 29.16 | 85 | 87 | 59 | 0 | 0 | 3 | 1 |
| VA RICHMOND | 80 | 57 | 84 | 47 | 69 | 0 | 1.31 | 0.56 | 1.31 | 1.41 | 57 | 28.30 | 88 | 94 | 57 | 0 | 0 | 1 | 1 |
| VA ROANOKE | 79 | 54 | 83 | 43 | 67 | 0 | 0.82 | 0.02 | 0.69 | 1.37 | 54 | 20.82 | 69 | 93 | 51 | 0 | 0 | 2 | 1 |
| VA WASH/DULLES | 79 | 53 | 83 | 43 | 66 | 0 | 0.86 | 0.09 | 0.84 | 1.02 | 41 | 30.77 | 104 | 96 | 50 | 0 | 0 | 3 | 1 |
| WA OLYMPIA | 67 | 47 | 78 | 37 | 57 | 0 | 0.01 | -0.55 | 0.01 | 0.07 | 5 | 20.40 | 69 | 95 | 82 | 0 | 0 | 1 | 0 |
| WA QUILLAYUTE | 62 | 49 | 73 | 44 | 55 | -1 | 0.95 | -0.28 | 0.47 | 2.35 | 75 | 53.49 | 85 | 10 | 91 | 0 | 0 | 6 | 0 |
| WA SEATTLE-TACOMA | 64 | 52 | 77 | 49 | 58 | -2 | 0.13 | -0.33 | 0.05 | 0.19 | 15 | 18.64 | 86 | 95 | 80 | 0 | 0 | 5 | 0 |
| WA SPOKANE | 78 | 50 | 85 | 46 | 64 | 6 | 0.00 | -0.17 | 0.00 | 0.00 | 0 | 6.80 | 63 | 60 | 27 | 0 | 0 | 0 | 0 |
| WA YAKIMA | 82 | 47 | 88 | 40 | 65 | 5 | 0.00 | -0.08 | 0.00 | 0.00 | 0 | 3.26 | 66 | 66 | 34 | 0 | 0 | 0 | 0 |
| WV BECKLEY | 71 | 50 | 74 | 42 | 61 | -1 | 0.23 | -0.54 | 0.20 | 0.55 | 22 | 31.38 | 101 | 94 | 57 | 0 | 0 | 4 | 0 |
| WV CHARLESTON | 78 | 53 | 82 | 43 | 65 | -2 | 0.44 | -0.30 | 0.39 | 0.56 | 23 | 35.22 | 111 | 10 | 53 | 0 | 0 | 2 | 0 |
| WV ELKINS | 73 | 47 | 78 | 38 | 60 | -1 | 0.48 | -0.38 | 0.45 | 0.80 | 28 | 34.30 | 101 | 10 | 50 | 0 | 0 | 4 | 0 |
| WV HUNTINGTON | 78 | 53 | 80 | 47 | 66 | -1 | 0.43 | -0.23 | 0.38 | 0.64 | 29 | 29.05 | 93 | 99 | 48 | 0 | 0 | 3 | 0 |
| WI EAU CLAIRE | 68 | 51 | 71 | 46 | 59 | 1 | 1.07 | 0.18 | 0.77 | 2.31 | 77 | 30.30 | 118 | 96 | 59 | 0 | 0 | 6 | 1 |
| WI GREEN BAY | 68 | 52 | 74 | 43 | 60 | 2 | 0.28 | -0.52 | 0.15 | 1.89 | 72 | 22.55 | 102 | 97 | 65 | 0 | 0 | 3 | 0 |
| WI LA CROSSE | 67 | 53 | 71 | 50 | 60 | -1 | 1.08 | 0.21 | 0.59 | 5.46 | 188 | 27.91 | 114 | 10 | 62 | 0 | 0 | 6 | 1 |
| WI MADISON | 67 | 51 | 72 | 45 | 59 | 0 | 0.93 | 0.17 | 0.44 | 3.51 | 136 | 31.13 | 130 | 98 | 71 | 0 | 0 | 6 | 0 |
| WI MILWAUKEE | 68 | 55 | 74 | 50 | 61 | 0 | 0.87 | 0.09 | 0.20 | 3.16 | 123 | 28.72 | 116 | 91 | 72 | 0 | 0 | 3 | 1 |
| WY CASPER | 74 | 42 | 82 | 37 | 58 | 2 | 0.31 | 0.09 | 0.30 | 1.10 | 167 | 5.49 | 56 | 87 | 55 | 0 | 0 | 2 | 0 |
| WY CHEYENNE | 72 | 46 | 81 | 44 | 59 | 3 | 0.31 | 0.03 | 0.23 | 1.09 | 111 | 12.39 | 100 | 78 | 46 | 0 | 0 | 2 | 0 |
| WY LANDER | 74 | 45 | 83 | 43 | 60 | 3 | 0.09 | -0.19 | 0.09 | 1.36 | 177 | 4.74 | 47 | 63 | 36 | 0 | 0 | 1 | 0 |
| WY SHERIDAN | 75 | 41 | 82 | 36 | 58 | 2 | 0.03 | -0.30 | 0.03 | 1.77 | 179 | 8.32 | 73 | 80 | 49 | 0 | 0 | 1 | 0 |

Based on 1961-90 normals

*** Not Available

NOTE: These data are preliminary and subject to change. In the past, precipitation totals from a number of stations were incomplete.

National Agricultural Summary

September 17 - 23, 2001

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Row crops quickly approached maturity in the Corn Belt and Southeast, despite cooler-than-normal weather. In the Great Plains and Pacific Coast States, above-normal temperatures promoted ripening. Harvest accelerated in the Corn Belt, but activity was mainly confined along the Ohio River Valley. Dry weather aided row crop harvest and winter

wheat seeding in the Great Plains most of the week. Heavy rain halted fieldwork in parts of the central and southern Great Plains near the end of the week, but provided moisture for germinating winter wheat. Dry weather aided harvest progress along the Atlantic Coastal Plain and Pacific Coast States.

Corn: Ninety-four percent of the acreage was at or beyond the dent stage, 64 percent of the acreage was mature, and 13 percent was harvested. On this date last year, 98 percent was dented, 81 percent was mature, and 24 percent was harvested. All three stages were slightly behind the 5-year average. Above-normal temperatures promoted ripening in the Great Plains, where most of Colorado's late-maturing fields reached the dent stage. About one-fourth of the Nebraska and North Dakota fields reached maturity during the week, and progress was only slightly slower in Colorado and South Dakota. Fields ripened ahead of normal in the eastern Corn Belt, despite cooler-than-normal weather. In Illinois and Indiana, fields matured about 1 week ahead of the 5-year average. Harvest accelerated in the Corn Belt, but progress was hindered by rain in some areas. However, rain delays were brief along the Ohio River Valley, permitting growers in Kentucky and Tennessee to harvest about one-fifth of their crop. Harvest was also active in the Great Plains, although rain limited progress in Kansas and Texas.

Soybeans: Sixty percent of the acreage was shedding leaves and 6 percent was harvested. Ripening and harvest lagged 1 week behind last year, when 79 percent was shedding leaves and 18 percent was harvested by this date. Progress also lagged behind the 5-year averages of 63 percent dropping leaves and 10 percent harvested. Below-normal temperatures prevailed across most of the Corn Belt, slowing the ripening process. Fields were shedding leaves later than normal in the western Corn Belt, and more than 1 week behind normal in Iowa and Wisconsin. However, fields continued to ripen ahead of normal in the eastern Corn Belt and lower Mississippi Valley. In Minnesota, more than one-third of the acreage started dropping leaves during the week, but progress remained below normal. Harvest remained active in the lower Mississippi Valley, advancing 10 percentage points or more in Louisiana and Mississippi. Harvest gained momentum in the Corn Belt and Great Plains, but progress trailed the 5-year average in most areas and was about 1 week behind normal in Minnesota and North Dakota.

Cotton: Seventy-six percent of the acreage had open bolls and 15 percent was picked. Crop development and harvest progress were behind last year's pace, when 81 percent had open bolls and 21 percent was harvested. Harvest also trailed the 16-percent average for this date, but bolls were opening slightly ahead of the 74-percent average. Bolls rapidly began opening in the Southeast, despite cooler-than-normal temperatures. In Alabama, North and South Carolina, and Virginia, bolls started opening in about one-fifth of the fields during the week. In the southern Great Plains, wet weather hindered development, especially in Oklahoma, where bolls were opening more than 1 week later than normal. Harvest was most active along the Mississippi Delta, especially in Louisiana, where 17 percent of the acreage was picked during the week. About 10 percent was picked in Arkansas, Mississippi, Missouri, and

Tennessee. Harvest was slightly ahead of normal in Texas, even though rain limited progress in isolated areas during the week.

Winter wheat: Thirty-two percent of the winter wheat crop has been seeded, and 14 percent has emerged. The seeding pace and emergence were well ahead of last year's slow pace, and slightly ahead of the 5-year average. Planting rapidly advanced in Kansas and Oklahoma before widespread heavy rains halted progress in most areas. Rain also limited planting in Texas, but most delays were short. Warm and mostly dry weather aided planting in Colorado and Montana, where almost one-third of the acreage was sown during the week. Planting rapidly advanced in Nebraska, despite brief rain delays. Planting was active in South Dakota, but seeding was limited by moisture shortages and progress was well behind the 5-year average. Planting slowly progressed in the Corn Belt and Pacific Northwest. Above-normal temperatures and ample soil moisture aided emergence in the central Great Plains, although heavy rain eroded some recently planted fields. Dry soils hindered emergence in parts of the northern Great Plains and Pacific Northwest.

Rice: Sixty-six percent of the crop was harvested, compared with 62 percent last year and the average of 61 percent. Dry weather aided harvest progress in the interior Mississippi Delta, where about one-fifth of the Arkansas and Mississippi acreage was reaped during the week. Rain interfered with harvest progress in Louisiana and Texas. In California, above-normal temperatures promoted ripening and dry weather aided harvest.

Sorghum: Seventy percent of the crop was mature, and 43 percent was harvested. Fields ripened much later than last year, when 85 percent was mature by this date. However, progress exceeded the average of 63 percent mature. Harvest lagged behind last year's 61 percent pace, but was ahead of the 37-percent average. Above-normal temperatures quickly ripened fields in the Great Plains, especially in Nebraska, where more than one-fourth of the crop reached maturity during the week. About one-sixth of the acreage matured in Kansas and South Dakota. Rain limited harvest progress in the southern Great Plains. The Illinois crop ripened far ahead of normal, and harvest advanced 20 percentage points. Harvest was also active in the lower Mississippi Valley, advancing about 10 percentage points in Arkansas, Louisiana, and Missouri. In the Missouri Bootheel, harvest was 60 percent complete.

Peanuts: Harvest was 18 percent complete, ahead of last year's 16-percent pace, but behind the 20-percent average for this date. Dry weather aided digging along the eastern Gulf Coast and mid-Atlantic Coastal Plain. Nearly one-fifth of the Alabama acreage was harvested during the week. Progress was only slightly slower in Florida, Georgia, and Virginia. Rain limited digging in the southern Great Plains, especially in Oklahoma.

Crop Progress and Condition

Week Ending September 23, 2001

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

| Winter Wheat Percent Planted | | | | |
|--|----------------|--------------|--------------|-------------|
| | Sep 23 2001 | Prev Week | Prev Year | 5-Yr Avg |
| AR | 3 | 2 | 0 | 1 |
| CA | 0 | 0 | 4 | 1 |
| CO | 65 | 33 | 55 | 62 |
| ID | 21 | 13 | 28 | 25 |
| IL | 4 | 1 | 2 | 1 |
| IN | 5 | 2 | 4 | 5 |
| KS | 23 | 11 | 9 | 18 |
| MI | 14 | 2 | 16 | 13 |
| MO | 4 | 0 | 3 | 4 |
| MT | 43 | 11 | 13 | 28 |
| NE | 55 | 35 | 62 | 61 |
| NC | 7 | 1 | 8 | 6 |
| OH | 2 | 1 | 2 | 2 |
| OK | 38 | 25 | 11 | 18 |
| OR | 10 | 0 | 9 | 8 |
| SD | 38 | 22 | 41 | 57 |
| TX | 42 | 25 | 21 | 37 |
| WA | 62 | 58 | 45 | 60 |
| 18 Sts | 32 | 19 | 19 | 27 |
| These 18 States planted 90% of last year's winter wheat acreage. | | | | |

| Soybeans Percent Dropping Leaves | | | | |
|---|----------------|--------------|--------------|-------------|
| | Sep 23 2001 | Prev Week | Prev Year | 5-Yr Avg |
| AR | 58 | 44 | 42 | 30 |
| IL | 71 | 50 | 80 | 59 |
| IN | 80 | 58 | 83 | 73 |
| IA | 32 | 14 | 93 | 66 |
| KS | 76 | 53 | 96 | 73 |
| KY | 55 | 41 | 52 | 47 |
| LA | 76 | 73 | 82 | 72 |
| MI | 52 | 41 | 37 | 50 |
| MN | 71 | 34 | 91 | 77 |
| MS | 81 | 65 | 85 | 72 |
| MO | 32 | 16 | 66 | 48 |
| NE | 56 | 34 | 93 | 66 |
| NC | 22 | 12 | 22 | 20 |
| ND | 72 | 50 | 92 | 77 |
| OH | 79 | 66 | 72 | 65 |
| SD | 77 | 57 | 94 | 82 |
| TN | 45 | 34 | 43 | 40 |
| WI | 31 | 14 | 53 | 56 |
| 18 Sts | 60 | 40 | 79 | 63 |
| These 18 States planted 95% of last year's soybean acreage. | | | | |

| Corn Percent Dented | | | | |
|--|----------------|--------------|--------------|-------------|
| | Sep 23 2001 | Prev Week | Prev Year | 5-Yr Avg |
| CO | 97 | 86 | 94 | 94 |
| IL | 99 | 98 | 100 | 97 |
| IN | 100 | 98 | 100 | 94 |
| IA | 91 | 86 | 100 | 96 |
| KS | 99 | 97 | 100 | 100 |
| KY | 100 | 100 | 99 | 98 |
| MI | 83 | 66 | 77 | 79 |
| MN | 95 | 90 | 99 | 97 |
| MO | 98 | 95 | 100 | 100 |
| NE | 98 | 96 | 100 | 97 |
| NC | 100 | 99 | 100 | 99 |
| ND | 99 | 96 | 98 | 98 |
| OH | 92 | 86 | 93 | 88 |
| PA | 85 | 75 | 82 | 75 |
| SD | 97 | 91 | 98 | 93 |
| TN | 100 | 100 | 100 | 100 |
| TX | 100 | 99 | 100 | 99 |
| WI | 60 | 48 | 89 | 85 |
| 18 Sts | 94 | 90 | 98 | 95 |
| These 18 States planted 92% of last year's corn acreage. | | | | |

| Winter Wheat Percent Emerged | | | | |
|--|----------------|--------------|--------------|-------------|
| | Sep 23 2001 | Prev Week | Prev Year | 5-Yr Avg |
| AR | 0 | NA | 0 | 0 |
| CA | 0 | NA | 0 | 0 |
| CO | 27 | NA | 27 | 31 |
| ID | 6 | NA | 4 | 6 |
| IL | 0 | NA | 0 | 0 |
| IN | 0 | NA | 0 | 1 |
| KS | 10 | NA | 3 | 6 |
| MI | 0 | NA | 0 | 1 |
| MO | 0 | NA | 0 | 0 |
| MT | 4 | NA | 0 | 5 |
| NE | 21 | NA | 0 | 20 |
| NC | 0 | NA | 0 | 0 |
| OH | 0 | NA | 0 | 0 |
| OK | 20 | NA | 0 | 3 |
| OR | 0 | NA | 0 | 1 |
| SD | 13 | NA | 11 | 22 |
| TX | 18 | NA | 4 | 15 |
| WA | 38 | NA | 24 | 38 |
| 18 Sts | 14 | NA | 5 | 10 |
| These 18 States planted 90% of last year's winter wheat acreage. | | | | |

| Soybeans Percent Harvested | | | | |
|---|----------------|--------------|--------------|-------------|
| | Sep 23 2001 | Prev Week | Prev Year | 5-Yr Avg |
| AR | 16 | 9 | 12 | 9 |
| IL | 11 | 4 | 17 | 9 |
| IN | 7 | 2 | 12 | 10 |
| IA | 1 | 0 | 21 | 9 |
| KS | 10 | 6 | 49 | 14 |
| KY | 8 | 1 | 4 | 6 |
| LA | 40 | 30 | 55 | 39 |
| MI | 2 | 1 | 1 | 4 |
| MN | 1 | 0 | 30 | 13 |
| MS | 43 | 30 | 50 | 37 |
| MO | 2 | 0 | 14 | 5 |
| NE | 4 | 2 | 17 | 7 |
| NC | 0 | 0 | 0 | 0 |
| ND | 4 | 2 | 18 | 20 |
| OH | 7 | 3 | 4 | 8 |
| SD | 2 | 1 | 14 | 8 |
| TN | 3 | 0 | 7 | 4 |
| WI | 0 | 0 | 4 | 3 |
| 18 Sts | 6 | 3 | 18 | 10 |
| These 18 States harvested 96% of last year's soybean acreage. | | | | |

| Corn Percent Mature | | | | |
|--|----------------|--------------|--------------|-------------|
| | Sep 23 2001 | Prev Week | Prev Year | 5-Yr Avg |
| CO | 53 | 34 | 61 | 46 |
| IL | 86 | 71 | 92 | 68 |
| IN | 80 | 56 | 77 | 65 |
| IA | 57 | 39 | 96 | 77 |
| KS | 87 | 75 | 99 | 81 |
| KY | 95 | 92 | 95 | 83 |
| MI | 40 | *23 | 18 | 38 |
| MN | 30 | 12 | 87 | 59 |
| MO | 88 | 75 | 96 | 86 |
| NE | 69 | 43 | 91 | 63 |
| NC | 97 | 95 | 94 | 95 |
| ND | 67 | 43 | 55 | 54 |
| OH | 39 | 26 | 42 | 37 |
| PA | 35 | 28 | 29 | 30 |
| SD | 56 | 35 | 72 | 53 |
| TN | 96 | 92 | 99 | 96 |
| TX | 96 | 90 | 98 | 94 |
| WI | 20 | 10 | 44 | 43 |
| 18 Sts | 64 | 47 | 81 | 65 |
| These 18 States planted 92% of last year's corn acreage. | | | | |

Crop Progress and Condition

Week Ending September 23, 2001

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

| Corn Percent Harvested | | | | |
|------------------------|----------------|--------------|--------------|-------------|
| | Sep 23 2001 | Prev Week | Prev Year | 5-Yr Avg |
| CO | 4 | 2 | 10 | 3 |
| IL | 17 | 9 | 28 | 14 |
| IN | 13 | 6 | 13 | 10 |
| IA | 3 | 2 | 19 | 8 |
| KS | 41 | 32 | 76 | 36 |
| KY | 50 | 30 | 48 | 45 |
| MI | 5 | 1 | 1 | 3 |
| MN | 0 | 0 | 5 | 4 |
| MO | 36 | 27 | 64 | 39 |
| NE | 6 | 4 | 28 | 10 |
| NC | 75 | 50 | 52 | 56 |
| ND | 1 | 0 | 1 | 3 |
| OH | 3 | 1 | 3 | 5 |
| PA | 10 | 7 | 6 | 7 |
| SD | 3 | 1 | 9 | 5 |
| TN | 66 | 45 | 75 | 67 |
| TX | 77 | 66 | 81 | 74 |
| WI | 0 | 0 | 0 | 3 |
| 18 Sts | 13 | 9 | 24 | 14 |

These 18 States harvested 94% of last year's corn acreage.

| Peanuts Percent Harvested | | | | |
|---------------------------|----------------|--------------|--------------|-------------|
| | Sep 23 2001 | Prev Week | Prev Year | 5-Yr Avg |
| AL | 25 | 7 | 16 | 29 |
| FL | 30 | 15 | 32 | 37 |
| GA | 20 | 7 | 14 | 24 |
| NC | 5 | 1 | 5 | 4 |
| OK | 1 | 1 | 7 | 3 |
| TX | 14 | 5 | 23 | 14 |
| VA | 15 | 1 | 14 | 9 |
| 7 Sts | 18 | 6 | 16 | 20 |

These 7 States harvested 97% of last year's peanut acreage.

| Rice Percent Harvested | | | | |
|------------------------|----------------|--------------|--------------|-------------|
| | Sep 23 2001 | Prev Week | Prev Year | 5-Yr Avg |
| AR | 70 | 49 | 60 | 59 |
| CA | 25 | 15 | 28 | 20 |
| LA | 91 | 86 | 96 | 93 |
| MS | 64 | 46 | 54 | 68 |
| TX | 97 | 93 | 99 | 95 |
| 5 Sts | 66 | 52 | 62 | 61 |

These 5 States harvested 94% of last year's rice acreage.

| Cotton Percent Bolls Opening | | | | |
|------------------------------|----------------|--------------|--------------|-------------|
| | Sep 23 2001 | Prev Week | Prev Year | 5-Yr Avg |
| AL | 72 | 50 | 87 | 73 |
| AZ | 96 | 92 | 99 | 96 |
| AR | 93 | 83 | 92 | 83 |
| CA | 80 | 70 | 84 | 77 |
| GA | 73 | 66 | 75 | 73 |
| LA | 94 | 90 | 99 | 95 |
| MS | 98 | 95 | 98 | 94 |
| MO | 79 | 71 | 87 | 89 |
| NC | 65 | 45 | 61 | 70 |
| OK | 47 | 44 | 79 | 63 |
| SC | 71 | 50 | 64 | 69 |
| TN | 86 | 76 | 100 | 91 |
| TX | 70 | 61 | 77 | 64 |
| VA | 48 | 30 | 36 | 65 |
| 14 Sts | 76 | 67 | 81 | 74 |

These 14 States planted 98% of last year's cotton acreage.

| Cotton Percent Harvested | | | | |
|--------------------------|----------------|--------------|--------------|-------------|
| | Sep 23 2001 | Prev Week | Prev Year | 5-Yr Avg |
| AL | 2 | 1 | 19 | 14 |
| AZ | 12 | 8 | 14 | 11 |
| AR | 12 | 2 | 21 | 11 |
| CA | 0 | 0 | 0 | 2 |
| GA | 11 | 10 | 6 | 9 |
| LA | 26 | 9 | 54 | 28 |
| MS | 13 | 4 | 41 | 24 |
| MO | 17 | 5 | 24 | 17 |
| NC | 3 | 1 | 2 | 2 |
| OK | 0 | 0 | 8 | 2 |
| SC | 10 | 5 | 6 | 9 |
| TN | 14 | 5 | 23 | 15 |
| TX | 23 | 19 | 26 | 22 |
| VA | 0 | 0 | 0 | 1 |
| 14 Sts | 15 | 9 | 21 | 16 |

These 14 States harvested 98% of last year's cotton acreage.

| Sorghum Percent Mature | | | | |
|------------------------|----------------|--------------|--------------|-------------|
| | Sep 23 2001 | Prev Week | Prev Year | 5-Yr Avg |
| AR | 98 | 92 | 98 | 93 |
| CO | 25 | 14 | 27 | 19 |
| IL | 80 | 63 | 75 | 45 |
| KS | 64 | 48 | 89 | 56 |
| LA | 100 | 100 | 100 | 100 |
| MO | 73 | 65 | 89 | 68 |
| NE | 55 | 29 | 88 | 51 |
| NM | 12 | 9 | 24 | 10 |
| OK | 51 | 44 | 55 | 38 |
| SD | 55 | 37 | 48 | 49 |
| TX | 86 | 83 | 93 | 80 |
| Sts | 70 | 59 | 85 | 63 |

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

| Sorghum Percent Harvested | | | | |
|---------------------------|----------------|--------------|--------------|-------------|
| | Sep 23 2001 | Prev Week | Prev Year | 5-Yr Avg |
| AR | 87 | 77 | 90 | 76 |
| CO | 0 | 0 | 3 | 2 |
| IL | 26 | 6 | 7 | 4 |
| KS | 29 | 25 | 59 | 21 |
| LA | 95 | 85 | 97 | 94 |
| MO | 38 | 26 | 44 | 28 |
| NE | 4 | 2 | 47 | 11 |
| NM | 0 | 0 | 1 | 0 |
| OK | 33 | 29 | 32 | 15 |
| SD | 5 | 4 | 14 | 7 |
| TX | 73 | 69 | 80 | 67 |
| 11 Sts | 43 | 39 | 61 | 37 |

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

| Peanuts Crop Condition by Percent | | | | | |
|-----------------------------------|----|----|----|----|----|
| | VP | P | F | G | EX |
| AL | 0 | 5 | 23 | 61 | 11 |
| FL | 0 | 5 | 18 | 67 | 10 |
| GA | 1 | 3 | 24 | 49 | 23 |
| NC | 0 | 2 | 38 | 52 | 8 |
| OK | 3 | 10 | 30 | 39 | 18 |
| TX | 5 | 13 | 28 | 47 | 7 |
| VA | 0 | 5 | 21 | 59 | 15 |
| 7 Sts | 2 | 7 | 26 | 51 | 14 |
| Prev Wk | 3 | 9 | 26 | 45 | 17 |
| Prev Yr | 15 | 17 | 30 | 33 | 5 |

Crop Progress and Condition

Week Ending September 23, 2001

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

| Soybeans Crop Condition by Percent | | | | | |
|------------------------------------|----|----|----|----|----|
| | VP | P | F | G | EX |
| AR | 6 | 13 | 32 | 39 | 10 |
| IL | 2 | 9 | 30 | 47 | 12 |
| IN | 2 | 6 | 19 | 53 | 20 |
| IA | 4 | 12 | 31 | 43 | 10 |
| KS | 5 | 17 | 39 | 32 | 7 |
| KY | 1 | 5 | 18 | 41 | 35 |
| LA | 16 | 17 | 45 | 21 | 1 |
| MI | 11 | 23 | 38 | 27 | 1 |
| MN | 4 | 13 | 37 | 42 | 4 |
| MS | 16 | 16 | 24 | 32 | 12 |
| MO | 4 | 15 | 40 | 36 | 5 |
| NE | 7 | 13 | 33 | 39 | 8 |
| NC | 0 | 4 | 20 | 65 | 11 |
| ND | 2 | 5 | 20 | 50 | 23 |
| OH | 3 | 10 | 28 | 44 | 15 |
| SD | 5 | 15 | 30 | 40 | 10 |
| TN | 0 | 4 | 16 | 55 | 25 |
| WI | 2 | 5 | 24 | 51 | 18 |
| 18 Sts | 4 | 12 | 31 | 42 | 11 |
| Prev Wk | 4 | 11 | 30 | 44 | 11 |
| Prev Yr | 7 | 12 | 29 | 42 | 10 |

| Cotton Crop Condition by Percent | | | | | |
|----------------------------------|----|----|----|----|----|
| | VP | P | F | G | EX |
| AL | 1 | 8 | 26 | 56 | 9 |
| AZ | 2 | 7 | 28 | 48 | 15 |
| AR | 1 | 5 | 26 | 60 | 8 |
| CA | 0 | 0 | 0 | 40 | 60 |
| GA | 3 | 8 | 30 | 46 | 13 |
| LA | 12 | 23 | 45 | 19 | 1 |
| MS | 9 | 15 | 30 | 34 | 12 |
| MO | 8 | 12 | 34 | 43 | 3 |
| NC | 0 | 3 | 15 | 72 | 10 |
| OK | 12 | 22 | 35 | 28 | 3 |
| SC | 0 | 14 | 31 | 51 | 4 |
| TN | 1 | 7 | 30 | 50 | 12 |
| TX | 16 | 26 | 29 | 26 | 3 |
| VA | 0 | 6 | 22 | 49 | 23 |
| 14 Sts | 9 | 16 | 27 | 38 | 10 |
| Prev Wk | 9 | 17 | 29 | 35 | 10 |
| Prev Yr | 15 | 19 | 31 | 30 | 5 |

| Sorghum Crop Condition by Percent | | | | | |
|-----------------------------------|----|----|----|----|----|
| | VP | P | F | G | EX |
| AR | 0 | 2 | 27 | 48 | 23 |
| CO | 2 | 13 | 25 | 56 | 4 |
| IL | 0 | 3 | 37 | 57 | 3 |
| KS | 10 | 16 | 34 | 35 | 5 |
| LA | 0 | 1 | 35 | 45 | 19 |
| MO | 1 | 10 | 36 | 45 | 8 |
| NE | 3 | 9 | 37 | 41 | 10 |
| NM | 27 | 8 | 45 | 20 | 0 |
| OK | 10 | 34 | 39 | 15 | 2 |
| SD | 2 | 5 | 51 | 33 | 9 |
| TX | 21 | 33 | 27 | 17 | 2 |
| 11 Sts | 12 | 21 | 32 | 30 | 5 |
| Prev Wk | 13 | 21 | 31 | 30 | 5 |
| Prev Yr | NA | NA | NA | NA | NA |

| Corn Crop Condition by Percent | | | | | |
|--------------------------------|----|----|----|----|----|
| | VP | P | F | G | EX |
| CO | 2 | 6 | 20 | 46 | 26 |
| IL | 2 | 9 | 31 | 46 | 12 |
| IN | 2 | 5 | 19 | 52 | 22 |
| IA | 5 | 11 | 31 | 45 | 8 |
| KS | 7 | 12 | 33 | 40 | 8 |
| KY | 1 | 2 | 17 | 47 | 33 |
| MI | 13 | 24 | 38 | 22 | 3 |
| MN | 4 | 13 | 47 | 34 | 2 |
| MO | 2 | 9 | 33 | 44 | 12 |
| NE | 5 | 8 | 24 | 43 | 20 |
| NC | 0 | 2 | 9 | 53 | 36 |
| ND | 0 | 3 | 19 | 60 | 18 |
| OH | 5 | 10 | 28 | 44 | 13 |
| PA | 9 | 21 | 36 | 29 | 5 |
| SD | 3 | 8 | 30 | 45 | 14 |
| TN | 0 | 3 | 12 | 53 | 32 |
| TX | 1 | 9 | 44 | 43 | 3 |
| WI | 3 | 7 | 31 | 43 | 16 |
| 18 Sts | 4 | 10 | 30 | 43 | 13 |
| Prev Wk | 4 | 10 | 30 | 44 | 12 |
| Prev Yr | 4 | 8 | 25 | 46 | 17 |

| Pasture and Range Crop Condition by Percent | | | | | | | | | | | |
|---|----|----|----|----|----|--------|----|----|----|----|----|
| Week Ending September 23, 2001 | | | | | | | | | | | |
| | VP | P | F | G | EX | | VP | P | F | G | EX |
| AL | 0 | 2 | 22 | 57 | 19 | NH | 22 | 22 | 42 | 14 | 0 |
| AZ | 2 | 16 | 52 | 29 | 1 | NJ | 0 | 16 | 34 | 50 | 0 |
| AR | 13 | 27 | 34 | 24 | 2 | NM | 11 | 45 | 34 | 10 | 0 |
| CA | 25 | 30 | 20 | 25 | 0 | NY | 17 | 29 | 43 | 11 | 0 |
| CO | 4 | 12 | 40 | 41 | 3 | NC | 1 | 5 | 36 | 48 | 10 |
| CT | 0 | 46 | 35 | 19 | 0 | ND | 7 | 16 | 40 | 35 | 2 |
| DE | 3 | 10 | 27 | 49 | 11 | OH | 5 | 15 | 34 | 38 | 8 |
| FL | 0 | 10 | 15 | 75 | 0 | OK | 10 | 28 | 38 | 23 | 1 |
| GA | 4 | 13 | 39 | 41 | 3 | OR | 33 | 32 | 30 | 5 | 0 |
| ID | 24 | 45 | 27 | 4 | 0 | PA | 23 | 46 | 23 | 8 | 0 |
| IL | 3 | 9 | 40 | 44 | 4 | RI | 0 | 36 | 44 | 20 | 0 |
| IN | 4 | 14 | 34 | 42 | 6 | SC | 3 | 12 | 38 | 46 | 1 |
| IA | 6 | 16 | 36 | 36 | 6 | SD | 8 | 20 | 41 | 26 | 5 |
| KS | 10 | 24 | 41 | 25 | 0 | TN | 0 | 6 | 28 | 56 | 10 |
| KY | 6 | 13 | 29 | 45 | 7 | TX | 16 | 20 | 27 | 31 | 6 |
| LA | 1 | 5 | 33 | 51 | 10 | UT | 14 | 26 | 35 | 25 | 0 |
| ME | 50 | 34 | 11 | 5 | 0 | VT | 18 | 36 | 39 | 7 | 0 |
| MD | 6 | 23 | 37 | 24 | 10 | VA | 4 | 21 | 31 | 40 | 4 |
| MA | 8 | 14 | 55 | 23 | 0 | WA | 20 | 50 | 30 | 0 | 0 |
| MI | 1 | 14 | 40 | 38 | 7 | WV | 0 | 5 | 40 | 50 | 5 |
| MN | 6 | 19 | 38 | 34 | 3 | WI | 2 | 8 | 32 | 52 | 6 |
| MS | 0 | 3 | 17 | 60 | 20 | WY | 28 | 37 | 28 | 7 | 0 |
| MO | 12 | 17 | 39 | 30 | 2 | 48 Sts | 12 | 21 | 31 | 32 | 4 |
| MT | 31 | 34 | 22 | 12 | 1 | | | | | | |
| NE | 8 | 16 | 38 | 33 | 5 | Prev | 11 | 22 | 33 | 30 | 4 |
| NV | 19 | 28 | 29 | 23 | 1 | Prev | 23 | 25 | 27 | 22 | 3 |

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

NA - Not Available * - Revised

National crop conditions for selected States are weighted based upon the year 2000 planted acres

State Agricultural Summaries

These summaries, issued weekly through the summer growing season, provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in 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 5.8. Topsoil 2% very short, 13% short, 75% adequate, 10% surplus. Corn 99% mature, 100% 2000, 98% average.; 73% harvested, 91% 2000, 80% avg.; 0% very poor, 5% poor, 25% fair, 39% good, 31% excellent. Soybeans 51% dropping leaves, 57% 2000, 46% avg.; 3% harvested, 10% 2000, 6% avg.; 0% very poor, 2% poor, 10% fair, 74% good, 14% excellent. Pasture feed 0% very poor, 2% poor, 22% fair, 57% good, 19% excellent. Livestock feed 0% very poor, 2% poor, 12% fair, 52% good, 34% excellent.

ALASKA: Dry conditions prevailed again this week allowing harvest to continue at a good pace. Daytime high temperatures averaged in the mid-fifties to low sixties. Lows were generally in the twenties in the Tanana Valley and ranged from the low-forties to low-thirties in the Mat-Su Valley. There were 6.5 days suitable for fieldwork across the State. Topsoil moisture supplies were reported as 100% adequate. Subsoil moisture supplies were also reported as 100% adequate. The barley crop was listed as 90% harvested. This time last year 55% of the acreage was harvested. The oat crop was listed as 90% harvested. Last year 45% of the oat crop was harvested at this time. The commercial potato harvest was 90% complete. Second cutting hay harvest was reported as 70% complete. Farm activities included harvesting barley, oats, potatoes, hay and straw; harvesting carrots and other vegetables; preparing buildings and equipment for winter.

ARIZONA: Temperatures throughout the state were well above average for the week, no significant precipitation was reported. Cotton harvest was progressing at a normal rate compared with recent years, quality throughout the state has been good. Range, pasture feeds deteriorated slightly due to the lack of precipitation.

ARKANSAS: Days suitable for fieldwork 5.8. Soil moisture 5% very short, 33% short, 59% adequate, 3% surplus. Corn 95% harvested, 97% 2000, 92% 5 yr. avg. Rice 70% harvested, 60% 2000, 59% 5 yr. avg. Sorghum 98% matured, 98% 2000, 93% 5 yr. avg.; 87% harvested, 90% 2000, 76% 5 yr. avg. Cotton 93% open bolls, 92% 2000, 83% 5 yr. avg.; 12% harvested, 21% 2000, 11% 5 yr. avg.; 1% very poor, 5% poor, 26% fair, 60% good, 8% excellent. Soybeans 58% shedding, 42% 2000, 30% 5 yr. avg.; 16% harvested, 12% 2000, 9% 5 yr. avg. 6% very poor, 13% poor, 32% fair, 39% good, 10% excellent.; Alfalfa Hay condition: 6% very poor, 9% poor, 37% fair, 45% good, 3% excellent. Other Hay 14% very poor, 17% poor, 43% fair, 25% good, 1% excellent. Pasture, Range feed 13% very poor, 27% poor, 34% fair, 24% good, 2% excellent. FIELD CROP : Rice, sorghum, soybeans, cotton harvest continued with corn harvest nearing completion. Cotton defoliation continued. Farmers continued irrigating full season soybeans. Farmers were seeding cool season crops such as wheat, rye, ryegrass, clover. Other activities included: Brush hogging pastures, applying lime to forages. LIVESTOCK, PASTURE AND RANGE: Cattle were in good condition. Cattle producers were working cattle, weaning calves, selling livestock. Many reports are received on Friday and may not reflect conditional changes due to weekend weather.

CALIFORNIA: Cotton plants continued to progress, with growth stages ranging from bloom to open boll, depending on the locale. Late-planted cotton fields were being sprayed for white fly. Defoliation activities continued as harvest neared. Cutting, windrowing, baling of alfalfa hay continued. Harvested alfalfa hay fields were being irrigated, fertilized, treated for insect pests between cuttings. Several new alfalfa fields were being aerially seeded. Harvesting of alfalfa seed continued, but was slowing. Ground preparation for fall planting of small grains continued, as fields were being ripped, leveled, disced. Planting of wheat, oats, winter forage began in a few locations. Field corn was harvested for grain, silage. Seed corn, clover seed, sudan, sugar beets were also being harvested. Black-eyed beans were being cut and dried. Rice harvesting activities increased; yields were looking good. Less mature rice fields continued making good progress. Fruit growers performed cultural activities that included: Weed control, fungicide applications, irrigation of trees, vines. Harvest of table grapes in the San Joaquin Valley continued. Varieties harvested included Thompson Seedless, Rose Ito, Autumn Royal, Crimson Seedless, Muscat, Ruby Seedless, Red Globe. An estimated 70% of the raisin crop had been picked up and was in bins. Approximately 15% remained in the field on open trays. Wine grape

harvesting continued. The stone fruit harvest continued its seasonal decline. Freestone peach growers were actively harvesting Autumn Flame, Autumn Red, Autumn Snow, Fairtime, Lacey, September Snow and Last Chance varieties. Nectarine and plum picking was still active. Peach, plum, nectarine growers were preparing orchards for the approaching dormant season. Prune harvest slowed. Granny Smith, McIntosh, Red Delicious, Golden Delicious, apples were being picked. Harvest of Asian pears continued in the San Joaquin Valley. Early Foothill variety pomegranate harvesting continued. Quince, fig picking continued. Olive harvest began in some areas of the State. Valencia oranges were harvested in the southern coastal areas, in the lower San Joaquin Valley. Lemon picking was active in the south coast, desert areas. The grapefruit harvest continued in Riverside County. Almond harvesting was in full swing. Pistachio harvesting continued. Early variety walnut orchards were being harvested. Pecan growers were preparing orchards for harvest. Temperatures in the low 90's were favorable for the remaining summer vegetables. Melon fields on the west side of the San Joaquin Valley continued to produce a bumper crop of cantaloupes, honeydew melons, watermelons. Melon fields were treated to control loopers, worms. Tulare County fields were being prepared for planting cabbage, cauliflower, broccoli. Fresno County lettuce, broccoli fields were progressing favorably. Lettuce growers were irrigating, cultivating, spraying fields for control of weed, insect pests. Sacramento Valley pepper, pumpkin fields were sprayed to control worms. Pumpkin picking was in progress in the Stockton Delta area. Harvest of fresh market, processing tomatoes was winding down in the Sacramento, San Joaquin valleys. Sweet corn, cucumbers, bell peppers, chili peppers, broccoli, eggplant were harvested. The following vegetables were also harvested: basil; carrots; cauliflower; celery; cilantro; green onions; mustard greens; okra; long beans; parsley; Hmong, Kabocha, zucchini squash. Beef cows in central, northern counties continued to move from mountain pastures to foothill pastures. The amount of supplemental feeding supplied depended on the amount of dry grass available. Heavy grazing caused dry grass to be very short in some central areas. Condition of livestock was mixed. Lambs have begun to move into the Imperial Valley for winter grazing, primarily on alfalfa fields. Sheep, consisting mainly of bred stock ewes, grazed harvested grain or alfalfa fields in central state. Bees were active in melon fields. Beehives in the Sacramento Valley were moved to winter yards, treated for mites. Turkey hatchlings in central state were being put on starter feed in preparation for upcoming holidays.

COLORADO: Days suitable for fieldwork 6.0. Topsoil 7% very short, 22% short, 70% adequate, 1% surplus. Subsoil moisture 19% very short, 36% short, 45% adequate, 0% surplus. Continued warm, dry weather has been favorable for final development and harvest of late season crops. Winter wheat producers made good progress in seeding the 2002 crop, emergence has been rapid with favorable moisture received earlier in the month. Dry onions 74% harvested, 69% 2000, 79% avg.; 3% very poor, 7% poor, 17% fair, 56% good, 17% excellent. Corn silage 78% harvested, 82% 2000, 72% avg. Dry beans 81% cut, 87% 2000, 85% avg.; 59% harvested, 63% 2000, 64% avg.; 8% very poor, 12% poor, 26% fair, 38% good, 16% excellent. Sugar beets 1% very poor, 4% poor, 9% fair, 53% good, 33% excellent. Summer potatoes 88% harvested, 77% 2000, 80% avg.; 2% very poor, 3% poor, 8% fair, 60% good, 27% excellent. Fall potatoes 40% harvested, 50% 2000, 40% avg.; 1% very poor, 4% poor, 30% fair, 60% good, 5% excellent. Sunflowers 5% harvested, 0% 2000.; 1% very poor, 8% poor, 32% fair, 45% good, 14% excellent.

DELAWARE: Days suitable for field work 5.8. Topsoil 1% very short, 36% short, 59% adequate, 4% surplus. Subsoil moisture 22% short, 77% adequate, 1% surplus. Field corn 1% very poor, 3% poor, 10% fair, 65% good, 21% excellent. Corn 95% dough, 93% 2000, 90% avg.; 96% dent, 100% 2000, 94% average. Corn mature 70%, 66% 2000, 59% average. Corn harvested for grain 25%, 23% 2000, 24% average. Corn Silage harvested 81%, 64% 2000, 70% average. Sweet Corn 94%, 98% 2000, 94% average. Soybeans turning color 39%, 34% 2000, 31% average. Soybeans dropping leaves 18%, 16% 2000, 14% average. Soybean 7% poor, 13% fair, 63% good, and 17% excellent. Sorghum 1% poor, 3% fair, 87% good, 9% excellent. Sorghum coloring 75%, 64% 2000, 56% average. Sorghum mature 33%, 22% 2000, 19% average. Snap Beans harvested 91%, 100% 2000, 90% average. Lima Beans

harvested 37%, 37% 2000, 68% average. Apple conditions 5% poor, 11% fair, 55% good, 29% excellent. Apples Harvested 49%, 67% 2000, 67% average. Tomatoes harvested 86%, 95% 2000, 93% average. Cantaloupes harvested 90%, 89% 2000, 86% average. Range, Pasture feed 3% very poor, 10% poor, 27% fair, 49% good, 11% excellent. Other hay 98% 3rd cutting, 96% 2000, 95% avg.; 53% 4th cutting, 42% 2000, 40% average. Alfalfa Hay fourth cutting 79%, 62% 2000, 59% average. All hay supplies 5% short, 82% adequate, 13% surplus. Other than general, and in some locations heavy but quick, showers on Thursday, it was a dry week. Lots of corn harvested, soybeans turning, and the shower was beneficial to late soybeans and pastures. Lima bean harvest remains active, plus picking of late variety apples.

FLORIDA: Topsoil 3% very short, 11% short, 48% adequate, 38% surplus. Subsoil moisture 5% very short, 9% short, 49% adequate, 37% surplus. Drier weather followed Tropical Storm Gabrielle. Many stations recorded no measurable rain. Others reported from traces to almost 2.00 in. Temperatures at major stations averaged normal to 4° below. Daytime highs 80s, 90s. Nighttime lows mostly 60s and 70s with Jacksonville, Tallahassee recording at least one low in 50s. Peanut 5% poor 18% fair, 67% good, 10% excellent. Peanut digging: 30% finished; flooding caused by recent storm lowered some yields. Cotton picking gaining momentum. Haymaking continues; some localities baling good quality. Field corn picking active. Drier conditions following Tropical Storm Gabrielle allowed vegetable field work to get back on schedule with planting increasing. Quincy tomato growers expect harvest to begin by early October. Some rain most citrus areas, however groves still wet from Tropical Storm Gabrielle. Abundant new growth; some fruit splitting due to the excessive moisture; harvest of early fruit increasing. Caretakers drying out groves, spraying, fertilizing, removing dead trees, burning general grove debris. Pasture feed 10% poor, 15% fair, 75% good. Cattle 10% fair, 90% good. Panhandle, north: Pastures, forages need some rain. Haying active, hay quality varies from poor to good depending on time since most recent rain. Grass in some locations not growing due to dry soil condition. Central: pastures drying out. Southwest: water standing in some pastures from rains of last two weeks. Statewide, condition of cattle mostly good.

GEORGIA: Days suitable for field work 6.3. Soil moisture 10% very short, 40% short, 46% adequate, 4% surplus. Hay 3% very poor, 11% poor, 39% fair, 44% good, 3% excellent. Peanuts 34% dug, 25% 2000, 38% avg. Rye 8% planted, 7% 2000, 8% avg. Sorghum 1% very poor, 5% poor, 34% fair, 53% good, 7% excellent; 22% harvested for grain, 31% 2000, 44% avg. Other small grains 4% planted, 5% 2000, 4% avg. Apples 10% poor, 15% fair, 50% good, 25% excellent; 59% harvested, 51% 2000, 47% avg. Pecans 1% very poor, 5% poor, 22% fair, 55% good, 17% excellent. Temperatures were below normal the first part of the week, while above normal the latter part of the week. Rainfall was scattered. Most of the rain was in the northwest and the southeast. Crops continue in mostly good to excellent condition. Most growers are cutting their last cutting of hay. Growers were active in harvesting corn, cutting silage. The planting of small grains was somewhat delayed by dry conditions. Peanut digging was picking up. Cotton harvesting was in its early stages. Other activities include: Picking apples, harvesting grapes, defoliating cotton, caring for fall vegetables, the routine care of livestock, poultry.

HAWAII: A high pressure ridge north of the State kept trade winds moderate, light to moderate showers falling in the upper elevations. Regular irrigation was still needed to maintain crop condition on all islands since many areas were still very dry. Banana, papaya orchards were in fair to good condition with regular spraying being needed to control disease infections. The interruption in normal air freight service still effected the harvesting, shipping of certain commodities.

IDAHO: Days suitable for field work 6.9. Topsoil 42% very short, 39% short, 19% adequate. The planting of winter wheat is underway in North, Southwest areas. Early sugar beet harvest continues in South-Central, Eastern areas. Ranchers are gathering livestock from summer range. Irrigation water supply 13% good, 15% fair, 14% poor, 58% very poor. Potatoes vines 93% dying/killed, 90% 2000, 83% avg.; 20% harvested, 22% 2000, 19% avg. Peaches 88% harvested, 97% 2000, 93% avg. Prunes, Plums 80% harvested, 90% 2000, 77% avg. Apples 32% harvested, 28% 2000, 18% avg. Onions 46% harvested, 42% 2000, 52% avg. Mint 15% 2nd cutting harvested, 27% 2000, 8% avg. Dry Beans 68% harvested, 71% 2000, 70% avg. Oats 75% harvested, 99% 2000, 92% avg. Corn 39% harvested for silage, 46% 2000, 40% avg. Alfalfa 79% hay 3rd cutting harvested, 90% 2000, 77%; avg. 4th cutting harvested 43%, 2000 79%, avg. 21%. Winter wheat planted 21%, 2000 28%, avg. 25%; emerged 6%, 2000 4%, avg. 6%. Sugar beets harvested 11%, 2000 3%, avg. 5%. Activities: Monitoring pests, disease, weed control, killing

potato vines, moving livestock off summer range, preparing for fall field work, planting winter wheat, harvesting oats, potatoes, hay, onions, fruit, sweet corn, dry beans, corn for silage, sugar beets, mint.

ILLINOIS: Days suitable for fieldwork 4.7. 1% very short, 12% short, 80% adequate, 7% surplus. Soybeans 93% turning yellow, 96% 2000, 84% avg. Alfalfa Hay 97% 3rd cutting, 99% 2000, 96% avg. Harvest came to a near halt after Tuesday night's rain, just when many producers were starting to pick up the pace. Counties in the northwest received the most. More showers by the end of the week kept moisture levels high, field conditions sticky, so progress was hampered in many areas. The southern districts continue to lead the way. The soybeans continued to reach maturity last week, the rains urged the shedding of leaves, but harvest is waiting for drier weather. Between showers, farmers continued to sow CRP acres, get a fourth cutting of hay, began preparing for fall tillage.

INDIANA: Days suitable for fieldwork 4.5. Topsoil 1% very short, 10% short, 76% adequate, 13% surplus. Subsoil 6% very short, 21% short, 68% adequate, 5% surplus. Mid week showers slowed field activities, some areas. Most areas received rain during the week, or late weekend. Corn harvest continued, best progress in the southwestern and central region. Good yields being reported. Soybean harvest gained momentum. Temperatures averaged 2° below to 3° above normal. Precipitation averaged 0.51 to 2.72 inches. Corn 74% good to excellent. Silage, seed corn harvest continued. Soybean 73% good to excellent. Soybean plants rapidly advancing toward maturity. Range, pasture 4% very poor, 14% poor, 34% fair, 42% good, 6% excellent. Fourth cutting alfalfa hay virtually complete. Tobacco harvest 90% complete, 84% 2000, 76% avg. Livestock mostly good condition, calves being weaned. Major activities: Cleaning grain bins, tilling soils, preparing equipment for harvest, baling hay, seeding winter wheat, caring for livestock.

IOWA: Days suitable for fieldwork 4.0. Topsoil 3% very short, 13% short, 79% adequate, 5% surplus. Subsoil moisture 9% very short, 26% short, 63% adequate, 2% surplus. Corn: in or past dent stage 91%, 100% 2000, 96% avg.; 57% mature, 96% 2000, 77% avg.; 5% very poor, 11% poor, 31% fair, 45% good, 8% excellent. Soybeans: leaves turning color 82%, 100% 2000, avg. 92%; leaves 32% dropping, 93% 2000, 66% avg.; 4% very poor, 12% poor, 31% fair, 43% good, 10% excellent. Alfalfa hay 94% 3rd cutting, 99% 2000, 92% avg. Pasture feed 6% very poor, 16% poor, 36% fair, 32% good, 5% excellent.

KANSAS: Days suitable for field work 3.3. Topsoil 4% very short, 19% short, 66% adequate, 11% surplus. Subsoil moisture 9% very short, 31% short, 58% adequate, 2% surplus. Ray flowers drying 100%, 98% 2000. Bracts 86% yellowing, 83% 2000. Mature, dry down 42%, 52% 2000. 10% harvested, 39% 2000. Sunflower 1% very poor, 5% poor, 33% fair, 54% good, 7% excellent. Alfalfa 76% 4th cutting complete, 78% 2000, 74% avg. Pasture feeds improved due to rains. In some areas producers are weaning calves, moving cattle from summer pastures. Some supplemental feeding is still occurring. Hay, forage 3% very short, 23% short, 72% adequate, 2% surplus. Stock water 3% very short, 18% short, 75% adequate, 4% surplus.

KENTUCKY: Days suitable fieldwork 5.1. Topsoil 9% very short, 30% short, 59% adequate, 2% surplus. Subsoil moisture 14% very short, 38% short, 47% adequate, 1% surplus. Harvest of tobacco, corn made good progress. Midweek showers, warmer temperatures beneficial for late crops, seeding. Temperatures averaged 1-3° above normal. Burley tobacco cut 95%, 90% 2000, 81% avg. Most of crop curing well. A few reports of curing problems with early cut tobacco. Dark tobacco 92% cut. Late tobacco in good shape. Housed tobacco 1% very poor, 2% poor, 19% fair, 60% good, 18% excellent. Hay supplies mostly adequate. Pasture feed 6% very poor, 13% poor, 29% fair, 45% good, 7% excellent. Seeding of fall small grains just beginning.

LOUISIANA: Days suitable for fieldwork 5.6. Soil moisture 3% short, 84% adequate, 13% surplus. Corn 96% harvested, 100% 2000, 100% avg. Corn harvested edged closer to completion. Hay 97% 2nd cutting, 97% 2000, 90% avg. Rice 99% ripe, 100% 2000, 99% avg. County agents reported poor grain quality in some sorghum due to the rainy weather a few weeks ago. Soybeans 90% turning color, 97% 2000, 88% avg. Drier conditions allowed soybean farmers to continue harvesting. Sugarcane 4% very poor, 5% poor, 21% fair, 40% good, 30% excellent; 85% planted, 98% 2000, 83% avg.; 3% harvested, 3% 2000, 1% avg. Sugarcane harvest began last week. Sweet potatoes 34% harvested, 36% 2000, 39% avg. Livestock 4% poor, 26% fair, 54% good, 16% excellent. Vegetables 11% very poor, 16% poor, 44% fair, 28% good, 1% excellent.

MARYLAND: Days suitable for field work 5.8. Topsoil 10% very short, 37% short, 53% adequate. Subsoil moisture 17% very short, 31% short, 52% adequate. Corn 79% mature, 64% 2000, 63% avg.; 25% harvested for Grain, 16% 2000, 23% average. Corn conditions 4% very poor, 13% poor, 25% fair, 41% good, 17% excellent. Corn dent 97%, 91% 2000, 93% avg. Corn Silage harvested 80%, 51% 2000, 64% avg. Sorghum 100% good, 66% coloring, 70% 2000, 69% avg.; 24% mature, 28% 2000, 23% avg.; 11% harvested, 12% 2000, 11% avg. Soybean 1% very poor, 8% poor, 24% fair, 50% good, 17% excellent, 46% turning color, 46% 2000, 40% avg. Soybeans 23% dropping leaves, 19% 2000, 18% avg. Snap Beans 98% harvested, 94% 2000, 94% avg. Tomatoes 97% harvested, 97% 2000, 98% avg. Tobacco 89% harvested, 94% 2000, 93% avg. Apple 2% poor, 23% fair, 75% good, 37% harvested, 38% 2000, 35% avg. Range, Pasture feed 6% very poor, 23% poor, 37% fair, 24% good, 10% excellent. Other hay fourth cutting 50%, 39% 2000, 43% avg. Other hay third cutting 90%, 83% 2000, 81% avg. Alfalfa hay fourth cutting 78%, 54% 2000, 58% avg. All hay supplies 3% very short, 11% short, 78% adequate, and 8% surplus. Last week was dry in Maryland with the exception of showers on Thursday. Corn for grain and silage are being harvested ahead of schedule. Soil moisture levels declined again slightly last week due to the continued dry weather.

MICHIGAN: Days suitable for fieldwork 4.0. Topsoil 2% very short, 10% short, 75% adequate, 13% surplus. Subsoil 6% very short, 29% short, 60% adequate, 5% surplus. All Hay 83% 3rd cutting, 74% 2000, 81% avg.; 27% 4th cutting, 19% 2000, 25% avg. Hay 7% very poor, 11% poor, 46% fair, 30% good, 6% excellent. Corn 95% dough, 96% 2000, 97% avg. Drybeans 28% very poor, 21% poor, 43% fair, 8% good. Drybeans turning leaves 78%, 97% 2000, 99% avg. Drybeans shedding leaves 57%, 75% 2000, 89% avg.; 16% harvested, 19% 2000, 41% avg. Silage 64% harvested, 34% 2000, 44% avg. Soybeans 84% turning leaves, 78% 2000, 80% avg. Wet weather during past week slowed progress of fall harvest. Temperatures ranged from 1° below normal to 3° above normal State. Growing degree days (GDD) above normal across State. Average rainfall amounts ranged from 1.16 inches central Lower Peninsula to 2.96 inches northwest Lower Peninsula. Cool, wet weather limited fieldwork and most crop growth. Corn not drying down due to rains. Silage harvest in some areas wrapping up. Soybeans seem to have turned over night and moving rapidly toward harvest in some fields, as producers wait for dry weather. Dry bean quality looked poor, with a few producers plowing some fields down. The sugarbeet crop continued to improve; harvest will begin shortly. Pastures and hay fields looking good. Winter wheat planting slowed by rain. Apple harvest continued. Jonathan, Jonagold, and early Red Delicious being harvested southwest. Gala harvest almost complete. Skin cracking, waxiness common. Adult codling moth numbers decreased. In northwest, Gala, Empire, Jonagold harvested. McIntosh harvest complete northwest. Some growers reported moldy cores Jonagold. Grape harvest continued. Plum, pear harvest continued. Cabbage, carrot harvest continued with high quality. Harvest also continued for peppers, potatoes, cucumbers, snap beans, summer squash. Celery harvest continued on schedule. Pumpkins continued to mature but crop looks short of normal. Sweet corn harvest nearing completion. Fresh market tomato, processing tomato harvests continued.

MINNESOTA: Days suitable for field work 4.3. Topsoil 2% very short, 26% short, 68% adequate, 4% surplus. Sweet corn 94% harvested, 98% 2000, 95% avg. Soybeans 22% mature, 68% 2000, 43% avg. Canola 89% harvested, 98% 2000, NA avg. Grain/hay 65% stubble plowed, 75% 2000, 67% avg. Rye 89% seeded, 87% 2000, 84% avg. Winter wheat 87% seeded, 90% 2000, 87% avg. Potatoes 37% harvested, 50% 2000, 40% avg. Dry beans 55% harvested, 46% 2000, 59% avg. Field corn 71% cut for silage, 93% 2000, 71% avg. Sunflowers 0% harvested, 1% 2000, 3% avg. Pasture feed 6% very poor, 19% poor, 38% fair, 34% good, 3% excellent. Sugar beets 7% very poor, 9% poor, 32% fair, 40% good, 12% excellent. Dry beans 4% very poor, 21% poor, 34% fair, 37% good, 4% excellent. Potatoes 2% very poor, 4% poor, 30% fair, 46% good, 18% excellent. Sunflowers 1% very poor, 4% poor, 23% fair, 54% good, 18% excellent. Widespread rain throughout the state brought harvesting to a halt. Precipitation in some areas in the southeastern portion of the state amounted to over one inch. The wet, cool weather has also slowed crop maturity. However, the rain has given farmers time to prepare their equipment. When dry, sunny weather returns, full-scale harvest will resume. The rain has helped to improve pasture feeds.

MISSISSIPPI: Days suitable for fieldwork 3.4. Soil moisture, 3% short, 61% adequate, 36% surplus. Corn 28% planted, 55% 2000, 26% avg. Cattle, 3% very poor, 13% poor, 33% fair, 43% good, 8% excellent. Pasture 4% very poor, 20% short, 38% fair, 31% good, 7% excellent. Wheat 42% jointing, 60% 2000, 51% avg.; 0% heading, 5% 2000, 2%

avg.; 3% very poor, 6% poor, 39% fair, 36% good, 16% excellent. Hay 4% very poor, 13% poor, 50% fair, 27% good, 6% surplus.

MISSOURI: Days suitable for fieldwork 3.5. Topsoil 6% very short, 19% short, 65% adequate, 10% surplus. Rainfall averaged 1.60 inches, ranging from 0.61 inch in the south-central district to about 2.66 inches in the northwest and northeast districts. Temperatures varied from 3° below normal to 3° above normal. Corn 2% very poor, 9% poor, 33% fair, 44% good, 12% excellent; 88% mature, 96% 2000, 86% normal, 36% harvested, 64% 2000, 39% normal. Corn harvest least advanced northwest 9% and northeast 16%, most advanced southwest and southeast at 90% or more. Soybean 4% very poor, 15% poor, 40% fair, 36% good, 5% excellent, 67% turning color, 87% 2000, 75% normal, 32% dropping leaves, 66% 2000, 48% normal. Grain sorghum 1% very poor, 10% poor, 36% fair, 45% good, 8% excellent, 96% turning color, 100% 2000, 97% normal, 73% mature, 89% 2000, 68% normal. 38%, harvested 44% 2000, 28% normal. Winter wheat seeded 4%, 3% 2000, 4% normal. Pasture, range feed 12% very poor, 17% poor, 39% fair, 30% good, 2% excellent.

MONTANA: Days suitable for fieldwork 7.0. Topsoil 41% very short, 43% short, 16% adequate, 0% surplus. Subsoil moisture 51% very short, 36% short, 13% adequate, 0% surplus. Lack of rainfall sped harvest completion, allowed for seeding to progress on winter wheat. The high temperature last week was 88° in Superior. The low was 17° in Wisdom, closely followed by 21° in West Yellowstone. Gold Butte, located in the North Central Montana, received the most precipitation at 0.45 inches. Winter wheat seeding advanced to 43% seeded, 13% last year, 28% average. Four percent of the 2002 winter wheat crop is now emerged. That compares to none last year, and the average of 5%. Spring wheat 99% harvested, 97% in 2000, 96% average. Barley 99% harvested, 100% 2000, 97% average. Oat harvest 98% completed, 99% 2000, 96% average. Potato harvest is well underway with 10% harvested, 5% 2000, 8% average. Sugar Beets 5% harvested, 8% 2000, 8% average. Second hay cutting, 98% of alfalfa has been hayed and 93% of other hay. Rainfall the previous week improved pasture conditions slightly. Ranchers still having to haul water, supplemental feed. Winter feed supplies are of concern. Weaning, culling, and selling of cattle is still active. Thirty-three percent of cattle and calves and 41% of sheep and lambs have been moved off summer range. State-wide, range and pasture feed 31% very poor, 34% poor, 22% fair, 12% good, 1% excellent.

NEBRASKA: Days suitable for fieldwork 3.6. Topsoil, subsoil moisture supplies short to adequate. Temperatures for the week averaged slightly below normals northeast while the remainder ranged up to 3° above normals. Precipitation was light in the northern half while 1 to 3 inches was common in the southern half. Corn 5% very poor, 8% poor, 24% fair, 43% good, 20% excellent; 69% mature, 91% 2000, 63% avg.; 6% harvested, 28% 2000, 10% avg. Soybeans 7% very poor, 13% poor, 33% fair, 39% good, 8% excellent; 94% turned color, 99% 2000, 94% avg.; 56% leaves dropped, 93% 2000, 66% avg.; 4% harvested, 17% 2000, 7% avg. Sorghum 3% very poor, 9% poor, 37% fair, 41% good, 10% excellent; 95% turned color, 99% 2000, 95% avg.; 55% mature, 88% 2000, 51% avg.; 4% harvested, 47% 2000, 11% avg. Millet 63% harvested, 70% 2000. Wheat 55% seeded, 62% 2000, 61% avg. Alfalfa 7% very poor, 14% poor, 32% fair, 39% good, 8% excellent; fourth cutting 47% harvested, 73% 2000, 41% avg. Pasture, range feed 8% very poor, 16% poor, 38% fair, 33% good, 5% excellent.

NEVADA: Warm, dry weather was prominent throughout the state during the week. The state began the week with normal to slightly above normal temperatures. By week's end, higher temperatures were observed with an increased departure from normal statewide. No precipitation was reported for the state during the week. Mild fall weather continued to aid growth of forage, fruit, and vegetables. Alfalfa fourth cutting neared the half way mark. Seeding of new alfalfa stands continued. Hay shipping very active. Alfalfa seed harvest completed. Field preparations for winter wheat and barley seeding continued. Chopping of corn for silage and green feed was nearing completion. Onion harvest continued. Ranges, pastures saw seasonal drying. Movement of livestock to fall pastures continued. Working of cattle and weaning of calves got underway. Plans underway in Lovelock to drill additional livestock wells for fall and winter range. Main farm and ranch activities: Haying, spraying, corn chopping, onion harvest, irrigating, working livestock, marketing hay, livestock.

NEW ENGLAND: Days suitable for fieldwork 6.0. Topsoil 25% very short, 44% short, 28% adequate, 3% surplus. Subsoil moisture 40% very short, 28% short, 29% adequate, 3% surplus. Pasture feed 22% very poor, 32% poor, 35% fair, 11% good, 0% excellent. Maine potatoes: 25%

harvested, 25% 2000, 25% avg; condition good to excellent. Rhode Island potatoes: 85% harvested, 60% 2000, 65% avg; condition good. Massachusetts potatoes: 55% harvested, 70% 2000, 70% avg; condition good to fair. Oats in Maine: 90% harvested, 65% 2000, 80% avg; condition good. Barley in Maine: 95% harvested, 65% 2000, 85% avg; condition good. Field corn: 55% harvested, 15% 2000, 30% avg; condition good to fair. Sweet corn: 95% harvested, 90% 2000, 90% avg; condition good to fair. Broadleaf Tobacco: 100% harvested, 100% 2000, 100% avg. Second crop hay: 95% harvested, 90% 2000, 90% avg; condition fair to poor. Third crop hay: 70% harvested, 65% 2000, 65% avg; condition fair to poor. Apples: 40% harvested, 45% 2000, 45% avg; condition fair to good. Peaches: 95% harvested, 95% 2000, 95% avg; condition very poor in RI, poor in CT, fair to good elsewhere. Pears: 45% harvested, 40% 2000, 45% avg; condition very poor in CT and RI and fair to good elsewhere. Cranberries in MA: 15% harvested, 5% 2000, 5% avg; condition good to fair. Highbush blueberries: 99% harvested, 99% 2000, 99% avg; condition fair to good. Last week's rain showers came too late to help crop growth, slowed harvest activities; however, the rain helped replenish ground water supplies. Leaves have started to turn bright colors, as the cool Fall temperatures arrive. Major farm activities: Fertilizing fields; re-seeding pastures, hay fields; cutting hay, chopping haylage; desiccating potato vines; harvesting oats, barley, silage corn, potatoes, apples, peaches, pears, Fall raspberries, cranberries, highbush blueberries, sweet corn, other vegetables.

NEW JERSEY: Days suitable for field work 6.3. Topsoil 36% very short, 60% short and 4% adequate. Corn 83% dent, 23% mature, 59% fair, 41% good, 34% silage harvested. Soybean 52% fair, 48% good. Producers continued to cut and bale hay, although some reported yields reduced by dry weather. Activities included: Planting fall cover crops, irrigating fields, spraying, pulling plastic mulch. Sweet corn, pepper, cantaloupe, summer potato, fresh market tomato harvest was winding down in some localities. Crop condition was mostly good to fair. Mild weather conditions allowed producers to make good progress harvesting pumpkins. Crop condition was rated mostly good although minor pest, disease problems were reported in some fields. Sweet potatoes harvest was underway in some localities with crop condition rated as mostly good. Cranberries were rated in mostly good condition. Apples were also rated in mostly good condition with harvest continuing on schedule.

NEW MEXICO: Days suitable for field work 6.7. Topsoil 26% very short, 48% short, 26% adequate. Weekly average temperatures were 4 to 7° above normal for the period despite a strong cool front that moved through the eastern plains, into the central valley on Sunday. The week started with scattered showers, then dried for several days before finishing with some high-based storms which produced gusty winds but little significant moisture. Clovis, Curry county saw the best rains of three-quarters to one inch. During the week farmers irrigated crops and continued to harvest alfalfa along with green and red chile. The 5th cutting of alfalfa was 90% complete and the 6th cutting at 46% complete. Cotton and corn were listed in mostly fair to excellent condition with 72% of the cotton crop opening bolls and 73% of the corn crop matured. The total sorghum crop declined slightly again last week and was in very poor to good condition with 75% of the crop turning color. Wheat was emerging in very poor to good condition with over half of the crop in fair condition. Peanuts were listed in fair to good condition. Green chile harvest was 83% complete and red chile harvest was 25% complete. Ranchers were preparing to take calves to market in October. Dry conditions have led to emergency grazing of CRP land in the eastern part of the state. Pasture and range feed was in desperate need of rain and was listed at 11% very poor, 45% poor, 34% fair, and 10% good.

NEW YORK: Days suitable 6.2. Topsoil 26% very short, 38% short, 36% adequate. Temperatures near normal, relatively dry. Major activities: Putting up hay, chopping corn silage, seeding winter wheat, harvesting fall vegetables, fruits. . Pasture feed 17% very poor, 29% poor, 43% fair, 11% good. Hay 18% poor, 44% fair, 34% good, 4% excellent. Alfalfa 3rd cut 88% harvested, clover-timothy 3rd cut 73%. Corn 18% poor, 42% fair, 35% good, 5% excellent. Silage harvest in full swing; dry matter varies greatly. Soybeans 17% poor, 45% fair, 32% good, 6% excellent. Winter wheat being planted under extremely dry conditions in Western State. Pumpkin, squash harvests underway; brisk sales. Apple harvest full swing, size down, volume light. Long Island Chardonnay grape harvest to begin in next two weeks, earlier than normal. Bird damage extensive on Pinot Noir, Muscat varieties

NORTH CAROLINA: Days suitable for fieldwork 6.3. Typical dry weather settled into North Carolina as the first full week of Autumn begins. Only trace amounts of precipitation were recorded for most areas of the State last week. Predominately clear skies combined with below normal temperatures made for a nice week. Soil moisture, reflective of

the dry weather, slipped to a current rating of 4% very short, 40% short, 51% adequate, and 5% surplus. Corn farmers took advantage of the weather to make excellent gains in grain harvest. However, only modest progress was made in other commodities, specifically tobacco, sweetpotatoes and apples. Many cotton farmers are busy defoliating their fields in anticipation of harvest with some harvest underway in isolated areas. Soybeans are beginning to lose their leaves with heavy harvest activities still a couple of weeks away. Small grain seeding has started slowly with growing concerns about germination due to lack of rainfall. FACT: September through December are four of the five driest months for North Carolina.

NORTH DAKOTA: Days suitable for fieldwork 5.4. Topsoil 5% very short, 33% short, 60% adequate, and 2% surplus. Subsoil moisture 6% very short, 27% short, 64% adequate, and 3% surplus. Rainfall in the eastern half of the state last week slowed harvest progress of dry beans and soybeans. Durum wheat 94% combined, 88% 2000, 84% avg. Corn silage 64% chopped, 72% 2000, 51% avg. Canola 94% combined, 96% 2000, 86% avg. Dry edible beans 70% cut, 66% 2000, 74% avg.; 48% combined, 50% 2000, 59% avg. Flaxseed 87% combined, 82% 2000, 75% avg. Potatoes 92% vines killed, 92% 2000, 88% avg.; 39% dug, 56% 2000, 46% avg. Sunflower 93% bracts turned yellow, 94% 2000, 90% avg; 60% bracts turned brown, 68% 2000, 58% avg. Sugarbeets 6% lifted, 10% 2000, 8% avg. Emerged crop conditions: Dry edible beans 2% very poor, 5% poor, 25% fair, 47% good, 21% excellent. Potatoes 1% very poor, 3% poor, 24% fair, 46% good, 26% excellent. Sugarbeets 1% very poor, 3% poor, 16% fair, 48% good, 32% excellent. Sunflowers 1% very poor, 4% poor, 23% fair, 57% good, 15% excellent. Pasture feed 7% very poor, 16% poor, 40% fair, 35% good, 2% excellent. Stockwater supplies 2% very short, 11% short, 83% adequate, 4% surplus.

OHIO: Days suitable for fieldwork 4.6. Topsoil 9% very short, 22% short, 60% adequate, 9% surplus. Alfalfa hay 3rd cutting 96%, 94% 2000, 93% avg. Alfalfa hay 4th cutting 54%, 51% 2000. Corn dented 92%, 93% 2000, 88% avg. Corn harvested for silage 70%, 61% 2000, 42% avg. Corn harvested for grain 3%, 3% 2000, 5% avg. Corn mature 39%, 42% 2000, 38% avg. Cucumbers harvested 95%, 100% 2000. Fall and Winter apples harvested 33%, 43% 2000, 34% avg. Grapes harvested 45%, 53% 2000. Other hay 3rd cutting 81%, 73% 2000, 75% avg. Potatoes harvested 77%, 87% 2000, 64% avg. Processing tomatoes harvested 77%, 79% 2000, 71% avg. Soybeans dropping leaves 79%, 72% 2000, 65% avg. Soybeans mature 33%, 30% 2000. Soybeans harvested 7%, 4% 2000, 8% avg. Tobacco harvested 82%, 85% 2000. Winter wheat planted 2%, 2% 2000, 3% avg. Corn condition 5% very poor, 10% poor, 28% fair, 44% good, 13% excellent. Hay condition 2% very poor, 10% poor, 36% fair, 42% good, 10% excellent. Pasture 5% very poor, 15% poor, 34% fair, 38% good, 8% excellent. Soybean 3% very poor, 10% poor, 28% fair, 44% good, 15% excellent. Activities throughout the state include plowing, mowing ditches, waterway construction preparation, spreading lime, fertilizer, baling hay, repairing equipment, hauling grain, manure, cutting tobacco, picking apples, peaches, grapes, harvesting corn silage, starting soybean harvesting including tofu soybeans in Union County, winter wheat planting, cucumber, potatoes, and other vegetables harvesting continues. Attending Farm Science Review and county fairs. The rainfall the past week was well needed for field crops. In some areas corn plants are drying out rapidly. Corn and soybean harvesting has been delayed due to the rainfall during the week. Reported insects included soybean aphids, ladybugs, spittle bugs, horse flies, face flies, deer flies, mosquitoes, spider mites, leaf hoppers, and Japanese beetles. Reported weed problems include crabgrass, giant ragweeds, purslane, Golden Rod, lambs quarter, thistles, and mares tail. Fruit and vegetable crops were reported in good to excellent condition throughout the state. Livestock were reported in mostly good condition. The cooler temperatures and low humidity the past few weeks has helped with the livestock stress throughout the state.

OKLAHOMA: Days suitable for fieldwork 3.9. Subsoil moisture 11% very short, 36% short, 52% adequate, 1% surplus. Topsoil 7% very short, 23% short, 64% adequate, 6% surplus. Wheat 92% seedbed prepared, 85% last week, 75% 2000% avg. Rye 89% seedbed prepared, 84% last week, 76% 2000% avg. 50% planted, 38% last week, 9% last year, 30% avg; 27% emerged, n/a last week, 0% last year, 6% avg; Oats 65% seedbed prepared, 62% last week, 67% last year, 76% avg; 10% planted, 8% last week, 9% last year, 12% avg; Corn 87% mature, 80% last week, 96% last year, 80% avg; 70% harvested, 58% last week, 72% last year, 58% avg; Sorghum 95% headed, 91% last week, 98% last year, 100% avg; 82% coloring, 76% last week, 77% last year, 88% avg; Soybeans 24% very poor, 30% poor, 27% fair, 16% good, 3% excellent; 97% blooming, 95% last week, 97% last year, 96% avg; 95% setting pods, 89% last week, 93% last year, 95% avg; 65% mature, 54% last week,

52% last year, 52% avg; 46% harvested, 36% last week, 35% last year, 20% avg; Peanuts 30% mature, 28% last week, 33% last year, 36% avg; 1% dug, 1% last week, 7% last year, 3% avg; Alfalfa Hay 9% very poor, 21% poor, 45% fair, 23% good, 2% excellent; 67% 4th cutting, 60% last week, 75% last year, 70% avg; 28% 5th cutting, 25% last week, 29% last year, 15% avg; Other Hay 16% very poor, 30% poor, 35% fair, 17% good, 2% excellent; 67% 2nd cutting, 65% last week, 76% last year, 62% avg; Livestock 1% very poor, 8% poor, 41% fair, 46% good, 4% excellent; Cattle auctions reported average marketings for the week. The price for feeder steers less than 800 pounds decreased from last week and averaged \$92.40 per cwt. The price for feeder heifers less than 800 pounds also decreased from last week and averaged \$86.80 per cwt.

OREGON: Days suitable for fieldwork: 7. Topsoil 55% very short, 39% short, 6% adequate. Subsoil 43% very short, 51% short, 6% adequate. Irrigation water supply 36% very short, 31% short, 33% adequate. Winter Wheat planted: 10%, 9% 2000, 8% avg. Range & Pasture: 33% very poor, 32% poor, 30% fair, 5% good. Activities: Fall field preparation nearly done; all areas need moisture before major planting begins. Some irrigated fields being planted. Red clover seed & flower seed harvest continued. Silage corn harvested. All areas harvesting hay & hoping for good weather to allow another cutting. Nurseries continued irrigating fields, planting of young stock. Greenhouses moving out fall flowers to retail outlets & working with winter house plants. Easter Lily growers harvesting, sorting, treating & planting yearling bulbs. North Willamette Valley vegetable harvest continued. Sweet corn for processing harvest continued with some fresh corn still available. Salad vegetables still being harvested. Squash & pumpkins ripening fast. Jackson & Josephine county truck gardens continued harvesting; onion harvest scheduled to begin soon. Eastern Oregon potato harvest continued in most areas. Umatilla County onion harvest about done. Wine grape harvest continued in Josephine County, some Jackson County vineyards harvested; harvest in Polk county still a few weeks away. Apple & pear harvest continued Statewide. Winter pear harvest progressed through Hood River Valley towards Parkdale. Hazelnuts falling with reported good quality. Fresh cranberry harvest continued on south coast. Clackamas County canberries prepared for winter. Range & pasture continued to suffer from lack of moisture as 33% of pasture land rated in very poor condition. In Clackamas County, bottomland pastures only pastures yielding forage. Livestock conditions mostly fair to good. Cattle continued movement off of summer ranges in southeastern counties.

PENNSYLVANIA: Days suitable for field work 5.8. Soil moisture 41% very short, 39% short, 20% adequate. Fall plowing 37% complete, 30% 2000, 41% avg. Corn dough 94% complete, 98% 2000, 97% avg. Corn dent 85% complete, 82% 2000, 75% avg. Corn mature 35% complete, 29% 2000, 30% avg. Corn harvest 10% complete, 6% 2000, 7% avg. Corn crop condition 9% very poor, 21% poor, 36% fair, 29% good, 5% excellent. Corn silage harvested 64% complete, 42% 2000, 42% avg. Barley planted 24% complete, 24% 2000, 29% avg. Barley emerged 5% complete, 9% 2000, 16% avg. Winter wheat planted 9% complete, 14% 2000, 19% avg. Soybean crop condition 3% very poor, 16% poor, 41% fair, 33% good, 7% excellent. Tobacco harvested 98% complete, 96% 2000, 92% avg. Potatoes harvested 53% complete, 62% 2000, 51% avg. Alfalfa third cutting 97% complete, 83% 2000, 84% avg. Alfalfa fourth cutting 66% complete, 60% 2000, 50% avg. Timothy clover second cutting 95% complete, 88% 2000, 91% average. Apple crop harvested 27% complete, 55% 2000, 44% avg. Apple crop condition 6% very poor, 6% poor, 12% fair, 48% good, 28% excellent. Grape crop harvested 30% complete, 14% 2000, 28% avg. Quality of hay made 6% very poor, 8% poor, 43% fair, 35% good, 8% excellent. Pasture conditions 23% very poor, 46% poor, 23% fair, 8% good. Activities include harvesting corn for grain and silage, fruit, vegetables, potatoes and tobacco; fixing fences; making hay and haylage; caring for livestock; machinery maintenance; filling silos; spreading lime and fertilizer; hauling manure; fall plowing; hauling water; and building repairs.

SOUTH CAROLINA: Days suitable for field work 6.0. Soil moisture 9% very short, 46% short, 45% adequate. Sorghum 100% headed, 100% 2000, 100% avg; 95% turned color, 97% 2000, 97% avg; 69% matured, 71% 2000, 73% avg; 47% harvested, 49% 2000, 52% avg; 2% very poor, 5% poor, 16% fair, 64% good, 13% excellent. Cotton 100% bolls set, 100% 2000, 100% avg; 71% bolls opened, 64% 2000, 69% avg; 10% harvested, 6% 2000, 9% avg; 14% poor, 31% fair, 51% good, 4% excellent. Peanuts 21% harvested, 18% 2000, 18% avg; 16% fair, 75% good, 9% excellent. Soybeans 100% bloomed, 100% 2000, 100% avg; 93% pods set, 96% 2000, 96% avg; 27% turning color, 21% 2000, 22% avg; 9% leaves dropped; 10% 2000; 10% avg; 1% very poor, 12% poor, 29% fair, 47% good, 11% excellent. Corn 85% harvested, 85% 2000, 90% avg; 1% poor, 15% fair, 59% good, 25% excellent. Pasture feed poor, 12% poor, 38% fair, 46% good, 1% excellent. Sweetpotatoes 32%

harvested, 28% 2000, 23% avg; 3% poor, 17% fair, 80% good. Tobacco 99% harvested, 98% 2000, 98% avg; 76% stalks destroyed, 81% 2000, 76% avg. Winter Wheat 10% planted, 8% 2000, 7% avg. Apples 53% harvested, 49% 2000, 57% avg; 45% poor, 48% fair, 5% good, 2% excellent. Livestock 4% poor, 21% fair, 62% good, 13% excellent. Hay 99% harvested, 100% 2000, 99% avg. Winter Grazings 21% planted; 22% 2000; 23% avg; 15% emerged, 16% 2000, 15% avg.

SOUTH DAKOTA: Days suitable for field work 4.2. Topsoil 6% very short, 19% short, 73% adequate, 2% surplus. Subsoil moisture 8% very short, 40% short, 51% adequate, 1% surplus. Feed supplies 4% very short, 19% short, 73% adequate, 4% surplus. Stock water supplies 4% very short, 19% short, 74% adequate, 3% surplus. Winter Rye planted 57%, 50% 2000, 57% avg. Winter Rye emerged 9%, 8% 2000, 29% avg. Corn silage harvested 80%, 89% 2000, 66% avg. Soybeans mature 31%, 68% 2000, 47% avg. Sorghum harvested-grain 5%, 14% 2000, 7% avg. Sorghum silage harvested 60%, 67% 2000, 43% avg. Sunflower 1% very poor, 6% poor, 42% fair, 43% good, 8% excellent. Sunflower bracts yellow 87%, 87% 2000, 84% avg. Sunflower mature 40%, 46% 2000, 40% avg. Sunflower harvested 2%, 9% 2000, 5% avg. Alfalfa hay 3% very poor, 20% poor, 41% fair, 31% good, 5% excellent. Alfalfa hay 3rd cutting harvested 82%, 74% 2000, NA% avg. Range and Pasture 8% very poor, 20% poor, 41% fair, 26% good, 5% excellent. Cattle condition 1% poor, 20% fair, 64% good, 15% excellent. Sheep condition 2% poor, 15% fair, 67% good, 16% excellent. Producers and ranchers prepare for row crop harvest and continue with fall tillage, as weather permits. Major farm activities for the week included preparing equipment for harvest, cutting silage, and moving hay and cattle.

TENNESSEE: Days suitable for fieldwork 5.0. Topsoil moisture 2% very short, 18% short, 74% adequate, 6% surplus. Subsoil moisture 3% very short, 28% short, 65% adequate, 4% surplus. Tobacco 2% very poor, 4% poor, 19% fair, 53% good, 22% excellent. Burley 91% harvested, 89% 2000, 83% avg. Dark air-cured 96% harvested, 94% 2000, 90% avg. Dark fire-cured 91% harvested, 87% 2000, 84% avg. Corn silage 97% harvested, 97% 2000, 93% avg. Pastures 0% very poor, 6% poor, 28% fair, 56% good, 10% excellent. Last week's rainfall enhanced development of the soybean crop and also encouraged producers to begin seeding of fall forage crops. Rainfall averaged above normal across much of the state as a cold front pushed through Wednesday into early Thursday. Although heavy rainfall occurred in many areas, producers continued to make good harvest progress. Corn and hay harvest continued despite rain interruptions and excellent yields are expected across the State. Tobacco harvest was being wrapped up with most of the crop in the barn. Last week's timely rains have provided a good base for cool season grasses. Cattle are going to the market with pastures still in mostly good shape.

TEXAS: Thunderstorms accompanied by moderate to heavy rain showers and localized hail preceded a cold front that crossed most of the state during mid to late week. Minor flooding and damage from hail and high winds was reported in some locations. Where rains fell harvest was postponed, however harvest moved ahead in the dry locations. Some areas were still drying out from earlier rains and are now further behind in the harvest of summer crops. In some other areas of Texas adequate rainfall has still not been received and conditions remain extremely dry. In areas where rains have been received range and pasture conditions continued to improve. Supplemental feeding of livestock remained constant for many producers however, quantities were also decreasing as pastures were improving. In many areas producers were cutting, baling grass hay to replenish hay stocks that were depleted during earlier dry months. Field Crops: Small Grains: Land preparation and planting activities continued where soil moisture was adequate. Some irrigation on earlier planted wheat began in locations where rains had missed. Planting delays were common where additional rainfall was received. Emergence of earlier planted grains continued in the wetter locations. Corn: Harvest remained on hold in many areas as drying was slow. Additional moisture was also received in many of the same areas and continued to hamper a speedy harvest. In the Plains the crop continued to mature and harvest was beginning to gain momentum. Cotton: Harvest resumed in early week in many locations where sufficient drying out had occurred. However, widespread rains from mid to late week stalled harvest again and caused some further damage to mature cotton. Boll opening and maturity progressed in remaining cotton across the Plains and portions of North Texas. Statewide cotton condition was rated at 51 percent of normal compared with 46 percent last year. Sorghum: Localized harvest continued across the Plains however, many areas received additional rainfall which again stalled harvest. Some late planted sorghum benefited from the additional moisture. Some drought affected sorghum was cut for hay. Sorghum Turning Color, Published, 96%, 2000 99%, Average 95%. Peanuts: Growth, development continued in portions of the Plains as more of the crop was nearing maturity. Harvest was increasing in more areas, but was stalled in areas where additional

moisture was received. Statewide peanut condition was rated at 70% of normal compared with 62% 2000. Rice: Harvest was winding down, but drying was delayed in some locations as rain showers fell in late week. The ratoon crop continued to make good progress. Soybeans: Harvest was slowed or halted in some areas due to rains crossed the area. In areas that were already wet, drying out will take longer and harvest will remain on hold. Later planted beans continued to make good progress after receiving beneficial moisture. Commercial Vegetables, Fruit, Pecans Rio Grande Valley land preparation and planting continued for next season crop. Newly planted peppers were progressing well. Planting of cabbage, green beans, some spinach continued. Some watermelons continued to be planted in a few locations. San Antonio-Winter Garden area land preparation continued in varied locations throughout the region. Rain showers were received in some locations, drying will be necessary before planting can start. Fall peppers, tomatoes were progressing well. Cabbage planting began in isolated locations, preparations for spinach planting continued. East Texas moisture conditions were good for remaining vegetables and for all planting. Sweet potato harvest moved forward in some locations but, remained stalled in others areas as drying out continued. High Plains harvesting of cabbage was mostly complete. Harvesting of squash, cucumbers, remaining watermelons continued. Pecans: Pecans continue to progress well across the state with irrigated pecans making the most progress. Many dryland orchards suffered too long and have not benefitted fully from the increased moisture. However, some orchards have responded well. Some orchards were damaged by hail and high winds. Range, Livestock: Range, pasture conditions continued to improve in areas where earlier rains fell and in many locations additional moisture was received this week. It has been estimated that some pastures lost approximately 50 to 75% of their native grasses during the last two years of drought. In situations like this, recovery will take several years to complete. Supplemental feeding continued to decline in many areas and hay supplies were being replaced in more locations as hay was being baled. In a few areas moisture is still not adequate and pastures continue to suffer. Water available for livestock is also short in these same areas and heavy supplemental feeding continues.

UTAH: Days suitable for field work 7.0. Topsoil 26% very short, 41% short, 33% adequate. Subsoil moisture 23% very short, 43% short, 34% adequate. Pasture, range condition 14% very poor, 26% poor, 35% fair, 25% good. Irrigation water supplies 36% very short, 36% short, 28% adequate. Stock water supplies 24% very short, 34% short, 42% adequate. Winter wheat: planted for harvest next year 36%, 43% 2000, 49% avg; winter wheat emerged 10%, 7% avg. Corn condition: 7% poor, 30% fair, 59% good, 4% excellent; dent 74%, 65% 2000, 52% avg; mature 29%, 22% 2000, 17% avg; harvested for silage 55%, 46% 2000, 30% avg. Alfalfa hay: 3rd cutting 91%, 89% 2000, 82% avg; 4th cutting 43%, 41% 2000, 29% avg. Onions harvested 75%, 50% 2000, 47% avg. Potatoes harvested 44%, 18% 2000, 21% avg. Dry Beans harvested 96%, 83% 2000, 71% avg. Peaches picked 89%, 95% 2000, 90% avg. Pears picked 76%, 87% 2000, 82% avg. Apples picked 36%, 52% 2000, 26% avg. Cattle moved from summer range 26%, 45% 2000, 31% avg. Sheep moved from summer range 21%, 38% 2000, 26% avg. Major farm activities included harvesting onions, corn, apples, and planting winter small grains. This is the last week irrigation water will be in the Bear River canal system. Other areas have no irrigation water left and limited stock water. Range and pastures are drying up. Farmers are planting small grains on irrigated land. Winter wheat is still not being planted in many dryland areas, and the small amount planted on irrigated land has sprinklers running on it to get it to emerge. Cattle and calves are in reasonable good condition despite drought conditions. Hay supplies are short with many producers buying additional hay or planning to sell cows, or replacement heifers.

VIRGINIA: Days suitable for fieldwork 6.1. Topsoil moisture 11% very short, 39% short, 49% adequate, 1% surplus. Subsoil moisture 13% very short, 33% short, 54% adequate. Pasture 4% very poor, 21% poor, 31% fair, 40% good, 4% excellent. Livestock 1% poor, 14% fair, 71% good, 14% excellent. Other Hay 4% very poor, 19% poor, 28% fair, 45% good, 4% excellent. Alfalfa Hay 7% poor, 36% fair, 42% good, 15% excellent. Corn for grain 1% very poor, 7% poor, 22% fair, 51% good, 19% excellent. Corn 93% Dent, 93% 2000, 92% 5-yr avg. Corn 75% mature, 67% 2000, 72% 5-yr avg. Corn for grain 40% harvested, 38% 2000, 34% 5-yr avg. Corn Silage 73% harvested, 57% 2000, 66% 5-yr avg. Soybeans 7% poor, 24% fair, 53% good 16% excellent. Soybeans 25% Dropping Leaves, 17% 2000, 15% 5-yr avg. Winter Wheat 3% seeded, 1% 2000, 3% 5-yr avg. Winter Wheat 1% emerged, NA 2000, NA 5-yr avg. Barley 3% seeded, 8% 2000, 3% 5-yr avg. Flue-cured tobacco 82% harvested, 74% 2000, 68% 5-yr avg. Burley tobacco 93% harvested, 73% 2000, 74% 5-yr avg. Sun tobacco 88% harvested, 84% 2000, 91% 5-yr avg. Peanuts 5% poor, 21% fair, 59% good, 15% excellent. Peanuts 15% dug, 14% 2000, 9% 5-yr avg. Peanuts 5% combined, 8% 2000, 2% 5-yr avg. Cotton 6% poor, 22% fair, 49% good, 23% excellent. Cotton 48% bolls opening, 36% 2000, 65% 5-yr avg. Fall Apples 4% very poor, 8% poor, 27% fair, 41% good, 20% excellent. Fall Apples 46% harvested, 50% 2000, 36% 5-yr avg. Winter Apples 25% harvested, 21

2000, 8% 5-yr avg. Scattered showers fell throughout the Commonwealth offering some relief to declining soil moisture conditions. Days suitable for field work were 6.1. Corn harvest is in full swing and yields are reported as good. Cotton defoliation has begun as the crop matures and bolls begin to open. Peanut harvest is underway and tobacco producers are almost finished harvesting. Other farm activities included cutting corn stalks, preparing fields for fall seeding, and repairing equipment.

WASHINGTON: Days suitable for fieldwork averaged 6.9. Topsoil 30% very short, 50% short, and 20% adequate. Subsoil moisture was 25% very short, 55% short, and 20% adequate. The highest temperature statewide was 94degrees in Colville. The lowest temperature statewide was 35 degrees in Deer Park. Winter wheat planting progressed slowly due to the dry, warm weather. A few winter wheat fields in Adams County were re-seeded due to cheat grass infestation. Winter wheat planted was 62% completed and 38% emerged. Carrot, onion, and lima bean harvests continued. Low yields were reported for green onions and sweet corn in Pierce/South King County. Corn harvest for grain was underway with corn harvest for silage in full swing. Potato vine kill was underway while digging progressed slowly. Potato condition was 5% fair and 95% good; 37% harvested. Hybrid poplar trees were beginning to show fall colors. Christmas tree growers continued trimming Noble fir trees. Turfgrass growers continued to seed and net fields. The third cutting of alfalfa was completed last week with the fourth cutting winding down. Lack of precipitation and warm weather continued to deteriorate range and pasture conditions. Stevens County reported cattle producers feeding hay, while most ranchers were culling herds due to the feed shortage. Range, pasture feeds 20% very poor, 50% poor, and 30% fair. Cranberry harvest began. The blueberry crop harvest was almost completed. Red Delicious, Golden Delicious, Granny Smith apples, D'Anjou pear harvests continued. Organic vegetable farmers continued to have good business at farmers markets. Hop, wine grape harvests progressed.

WEST VIRGINIA: Dry conditions were favorable for harvest of apples, corn, soybeans, tobacco and hay, but caused crop and pasture conditions to decline. Days suitable for fieldwork 6.0. Topsoil moisture, 10% very short, 40% short, 50% adequate. Hay condition 5% poor, 35% fair, 55% good, 5% excellent. Hay 2nd cut 95%, 92% 2000, 91% 5-yr avg; Hay 3rd cut 75%, 65% 2000, 59% 5-yr avg. Corn condition 2% poor, 28% fair, 55% good, 15% excellent; Corn doughing 98%, 95% 2000, 98% 5-yr avg; Corn dent 80%, 89% 2000, 79% 5-yr avg; Corn mature 27%, 45% 2000, 49% 5-yr avg; Corn harvested 25%, 1% 2000, 8% 5-yr avg. Wheat planted 12%, 11% 2000. Soybeans condition, 1% poor, 25% fair, 55% good, 19% excellent; Soybeans dropping leaves 65%, 71% 2000, 72% 5-yr avg; Soybeans harvested 10%, 27% 2000. Tobacco harvested 90%, 96% 2000, 83% 5-yr avg. Apple condition 100% good. Cattle 15% fair, 80% good, 5% excellent. Sheep 5% fair, 90% good, 5% excellent. Activities: marketing livestock, hay making, clipping pastures, harvesting vegetables, tobacco, corn, soybeans and apples.

WISCONSIN: Days suitable for fieldwork 4.0 last week. As corn, soybeans approach maturity, frost continues to be a concern. The change in weather has slowed field activities and crop progress. Farmers statewide commented that a stretch of warm, dry weather is needed for crops to reach maturity. Pumpkin and squash harvest began in Portage county last week. Sweet corn, snap bean, and potato harvest was slowed last week due to weather. Red beet harvest neared completion in east central Wisconsin last week. A Grant County farmer reported winter wheat up and covering the ground. Apple harvest started throughout the state. A Bayfield County farmer reported trefoil seed harvested last week. Soil moisture was reported 1% very short, 8% short, 75% adequate, and 16% surplus.

WYOMING: Days suitable for fieldwork 6.6. Topsoil 32% very short, 47% short, 21% adequate. Subsoil moisture supply 40% very short, 49% short, 11% adequate. Winter wheat planted 91%, 84% 2000, 90% average; emerged 75%, 54% 2000, 65% average. Condition of winter wheat crop 1% very poor, 2% poor, 31% fair, 64% good, 2% excellent. Condition of sugarbeet crop 9% very poor, 9% poor, 18% fair, 57% good, 7% excellent. Sugarbeets harvested 1%, 8%, 5% average. Condition of corn crop 3% very poor, 6% poor, 19% fair, 62% good, 10% excellent. Corn dented 93%, 92% 2000, 94% average; mature 72%, 50% 2000, 66% average; harvested 1%, 1% 2000, 1% average. Corn harvested for silage 84%, 79% 2000, 73% average. Dry beans windrowed 90%, 96% 2000, 96% average; combined 71%, 77% 2000, 75% average. Alfalfa hay harvested 3rd cutting 85%, 63% 2000, 50% average. Irrigation water supplies 49% very short, 26% short, 25% adequate. Range and pasture feed supplies 28% very poor, 37% poor, 28% fair, 7% good. Fall moisture condition showing slight improvement.

International Weather and Crop Summary

September 16 - 22, 2001

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

HIGHLIGHTS

EUROPE: Unseasonably cool, wet weather persisted in northern Europe, slowing late small grain harvesting and winter grain planting.

FSU-WESTERN: Warm, dry weather favored summer crop harvesting and winter grain planting in Russia, Ukraine, most of Belarus, and the Baltics.

FSU-NEW LANDS: Cool, but dry weather helped spring grain harvesting in primary grain-producing areas of north-central Kazakstan and western areas in Russia, while showery weather slowed spring grain harvesting in the Altay Kray region of Siberia, Russia.

AUSTRALIA: Light showers benefited reproductive to filling winter crops in Western Australia's southern growing areas.

CANADA: Spring crop harvesting neared completion across the Prairies, although rain slowed fieldwork in Manitoba.

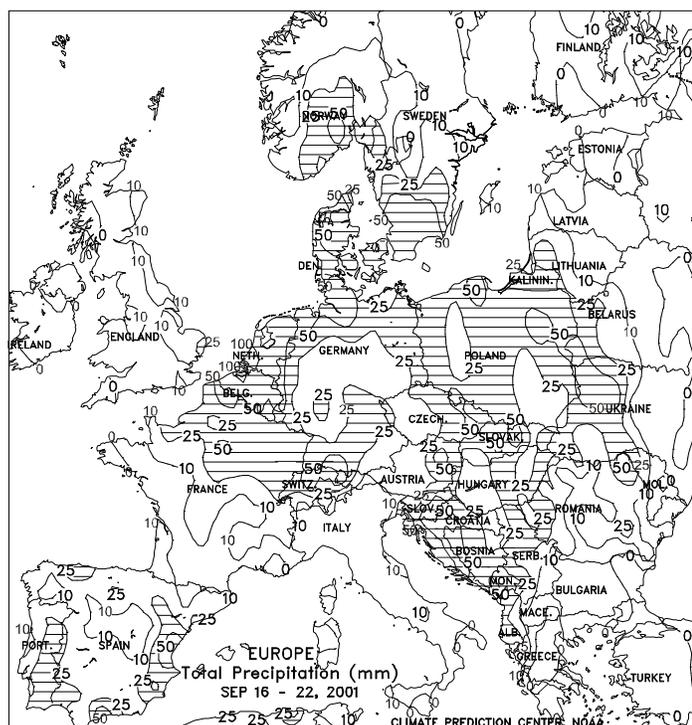
SOUTHEAST ASIA: Typhoon Lekima brought high winds and heavy rainfall as it passed to the north of Luzon, Philippines.

SOUTH ASIA: Monsoon showers intensified over southern India, increasing moisture for immature summer crops and boosting irrigation reserves for winter-grown crops.

EASTERN ASIA: In northern Manchuria, an unseasonably early hard freeze reduced yield potentials for late-planted corn. Topsoil moisture remained limited for winter wheat planting in the North China Plain.

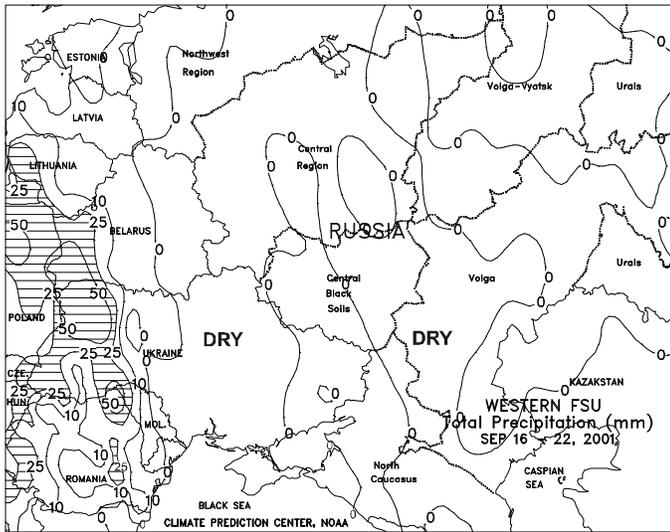
SOUTH AMERICA: In central Argentina, dry weather favored late wheat and early summer crop planting. In southern Brazil, showers increased topsoil moisture for early soybean planting, but scattered frost caused only isolated, if any, damage to immature wheat.

MEXICO: Showers continued to boost moisture supplies across eastern and northeastern Mexico, while seasonably drier weather prevailed across the western corn belt.



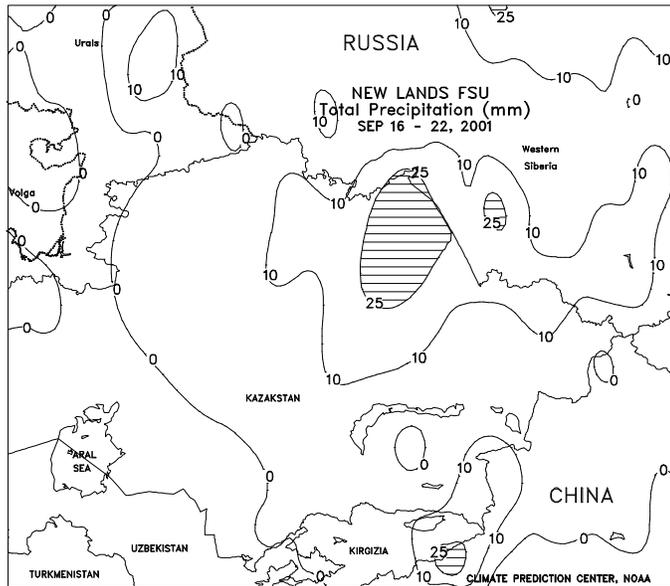
EUROPE

In northern Europe, unseasonably cool, wet weather continued to slow late small grain harvesting and winter grain planting. Reductions in small grain quality were likely for unharvested crops; however, much of the harvesting has been completed. Mostly light rain (5-20 mm, locally near 40 mm) fell in England, while more substantial rainfall (15-80 mm) occurred elsewhere in northern Europe. Temperatures averaged about 1 to 3 degrees C below normal in these areas, slowing development of immature summer crops. Similarly, widespread showers (10-35 mm or more) in the Iberian peninsula hampered corn and sunflower harvesting. Temperatures averaged near normal in Spain and Portugal. Drier (mostly less than 10 mm), although unseasonably cool (temperatures 2-4 degrees C below normal) weather in southern France and Italy helped summer crop harvesting. In Austria, Hungary, and the western Balkans, wet (15-50 mm), relatively cool weather (temperatures 1-3 degrees C below normal) hampered summer crop harvesting and winter grain planting. In contrast, unseasonably warm (temperatures 1-3 degrees C above normal), dry weather in southern Romania and Bulgaria helped corn and sunflower harvesting, but further reduced topsoil moisture for winter grain planting.



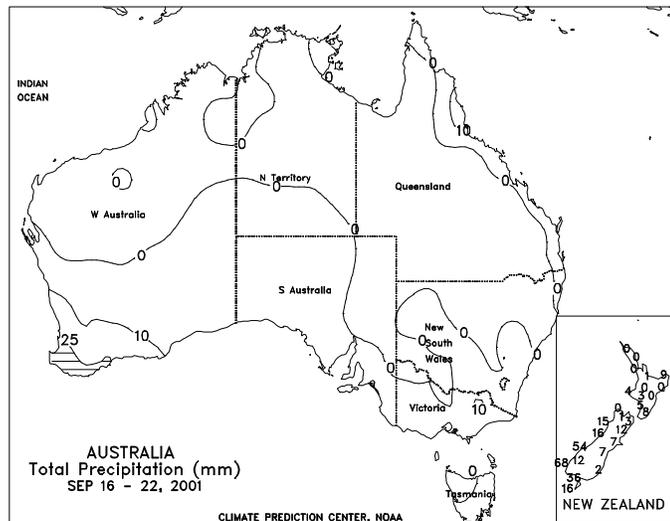
FSU-WESTERN

In Russia and Ukraine, a ridge of high pressure kept most areas unseasonably warm and dry, helping fieldwork for corn, sunflower, and sugar beet harvesting as well as winter grain planting. The exception was in extreme western areas of Ukraine, where midweek showers produced 10 to 50 mm or more of rainfall. September is the optimal month for planting winter wheat in Ukraine and southern Russia (North Caucasus, lower Volga Valley, and the southern portion of the Central Black Soils Region). In most areas of Ukraine and Russia, topsoil moisture was sufficient for uniform emergence and early plant establishment. Furthermore, weekly temperatures averaged 1 to 5 degrees C above normal in these areas, favoring the rapid emergence and early crop growth. Elsewhere, dry weather prevailed in most Belarus and the Baltics, helping summer crop harvesting and late winter grain planting. Exceptions were in extreme western Belarus and Lithuania, where rainfall ranged from 10 to 40 mm or more.



FSU-NEW LANDS

Spring grain harvesting was well underway in Russia and Kazakstan. In Russia, dry weather prevailed across most of the Urals and the western portion of Western Siberia, helping spring grain harvesting. Intermittent showers fell farther east in the Altay Kray region of Western Siberia, causing some interruptions in harvest activities. In Kazakstan, cool, but mostly dry weather prevailed in major spring grain-producing areas in the north-central portion of the country, helping harvest activities. Significant rain (10-25 mm or more) was confined to minor grain-producing areas in eastern Kazakstan, interrupting late-season harvest efforts. Weekly temperatures averaged slightly above normal in the northern Urals and 1 to 5 degrees C below normal in Siberia and Kazakstan. In cotton-producing areas of Central Asia, unseasonably cool weather slowed boll maturation and opening, although mostly dry weather favored rapid cotton harvesting.

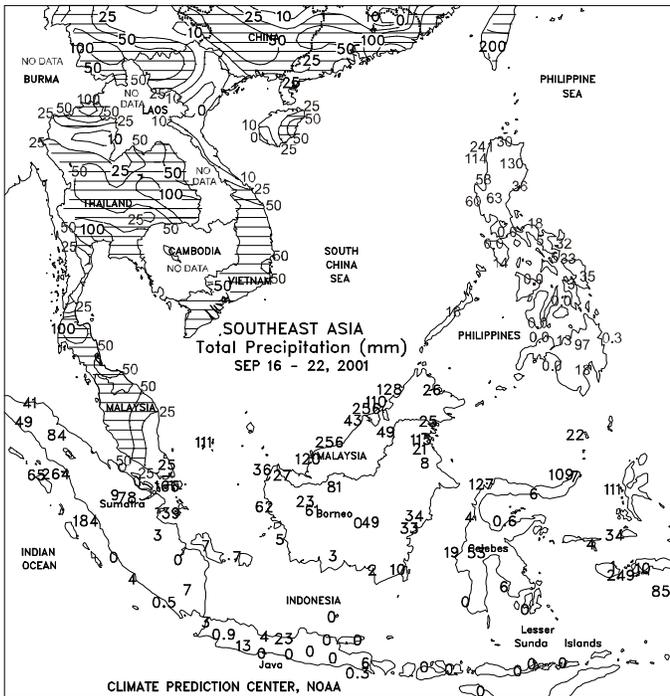
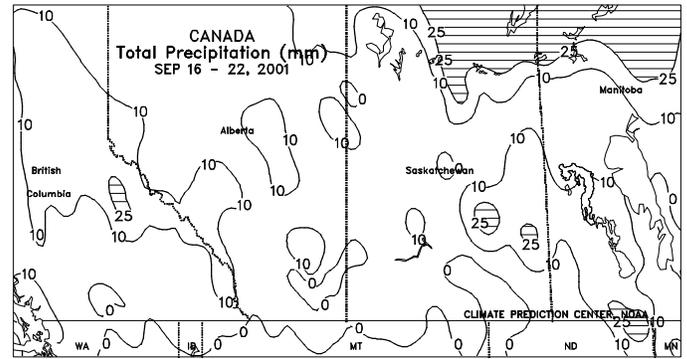


AUSTRALIA

Showers (3-22 mm) swept across Western Australia's southern growing areas, boosting moisture levels for reproductive to filling winter grains and oilseeds. Seasonable temperatures accompanied the rain, favoring crop development. However, drier, somewhat warmer (temperatures in the low 30s degrees C) weather continued in Western Australia's northern and eastern growing areas, limiting moisture for normal development of immature winter crops in those areas. In eastern Australia, drier- and warmer-than-normal weather dominated major winter and summer crop areas. In the southeast (South Australia to southern New South Wales), conditions remained generally favorable for winter grains and oilseeds due to recent weeks of favorable rainfall. Moisture was needed, however, in southern Queensland and parts of northern New South Wales to improve the yield potential of filling crops. The unseasonable warmth and dryness in east-central Australia favored early winter crop harvesting, as well as fieldwork in sugarcane regions along the coast. Rain is now needed for planting of rainfed cotton and sorghum, which is typically underway in September. In New Zealand, scattered, light showers (2-12 mm) moistened topsoils in the main pasture and small grain areas of South Island and southern North Island.

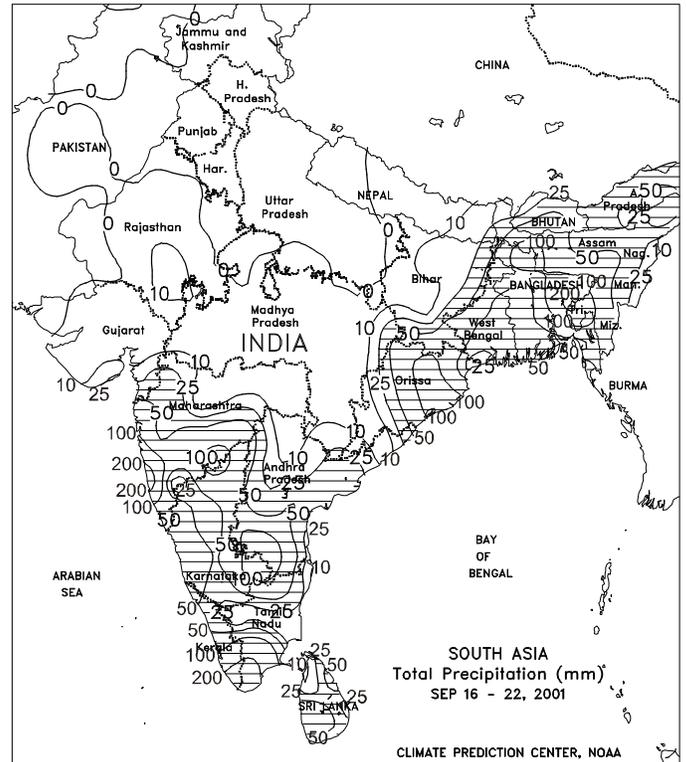
CANADA

Spring grain and oilseed harvesting neared completion across Alberta and Saskatchewan, due to a continuation of near ideal conditions. However, the persistent unseasonable warmth (temperatures averaging 2-4 degrees C above normal) and dryness is reportedly hampering autumn fieldwork, including winter wheat and oat planting. Showers (10 mm or more) covered Manitoba, as well as Saskatchewan's northeastern growing areas, slowing final spring grain and oilseed harvests, but boosting soil moisture for immature canola and winter crop germination. Temperatures averaged near to above normal in eastern Prairies, with a season-ending freeze (lows of -2 degrees C) in some northerly locations. In eastern Canada, locally heavy rain (25-50 mm or more) boosted topsoil moisture levels for winter wheat germination, but likely came too late to significantly improve corn or soybean prospects.



SOUTHEAST ASIA

Typhoon Lekima formed to the northeast of Luzon, Philippines, and rapidly developed into a typhoon. Lekima had sustained winds of 75 knots (86 mph) and brought heavy rains (25-200 mm) to much of Luzon late in the week, as it passed to the north. The heavy showers and high winds slowed early harvest activities for main-season rice and possibly caused some crop damage. Elsewhere in the Philippines, drier conditions favored harvest activities. Heavy showers (25-200 mm) in Thailand continued to increase moisture supplies for main-season rice, while causing some flooding. In northern Vietnam, drier conditions favored early harvesting of 10th month rice. Showers (25-100 mm) in southern Vietnam increased moisture supplies for 10th month rice, while exacerbating wetness in areas already affected by seasonal flooding. Over the past 4 weeks, moisture has been well below normal in rice areas around the Mekong Delta. In Java, Indonesia, showers were widely scattered (10-25 mm, locally heavier), providing some moisture to irrigated second-season rice. Showers (25-100 mm) in peninsular Malaysia increased moisture availability for oil palm.



SOUTH ASIA

Beneficial rain (10-50 mm, locally exceeding 100 mm) covered important cotton and groundnut areas of India's southern interior, increasing moisture levels for immature summer crops and helping to recharge irrigation for winter-grown (rabi) agriculture. Widespread rain also spread through Orissa and Bangladesh into India's eastern states, maintaining irrigation reserves for rice cultivation. However, warm, dry weather dominated central and northwestern India and Pakistan, helping to advance crop maturation. In the northwest, the seasonable dryness was welcomed for maturing cotton and rice, helping to ensure good quality. However, in west-central India (Gujarat, western Madhya Pradesh, and neighboring sections of other states), immature cotton, coarse grain, and oilseeds, notably groundnuts and soybeans, needed a few more weeks of monsoon rain to allow crops to fully fill, and currently face a risk of reductions in yield potential.

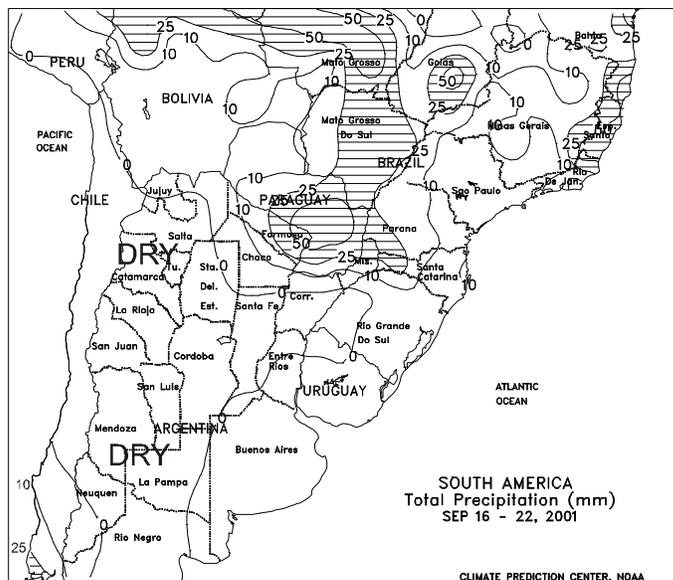
EASTERN ASIA

In northern Manchuria, the growing season came to an early and sudden end, as a hard freeze occurred in most of Heilongjiang and eastern Jilin. Minimum temperatures ranged from -4 to -1 degrees C in those areas. This unseasonably early hard freeze reduced yield potentials for late-planted corn. Soybeans were reportedly planted on schedule, therefore were mostly mature. Dry weather covered most of the North China Plain and Yangtze Valley, favoring summer crop maturation and harvesting. Topsoil moisture remained limited for winter wheat planting. Only light rain (less than 15 mm) fell in southwestern Hebei and extreme western Shandong. To the west, unseasonably heavy rain (25-100 mm) fell across the upper and central Yellow River basin (Shanxi, Shaanxi, southern Gansu, and even eastern Qinghai), boosting soil moisture for winter wheat planting and irrigation supplies along the Yellow River. On September 16, Typhoon Nari hit Taiwan, with sustained winds of 85 knots (98 mph). However, Nari was a slow-moving storm as it moved across Taiwan, producing torrential showers (200-400 mm or more) and flooding. Nari then weakened and hit Guangdong on September 20, with sustained winds of 55 knots (63 mph). The storm produced heavy showers (50-200 mm) in coastal Fujian and Guangdong. Temperatures averaged 1 to 3 degrees C below normal across Manchuria and 1 to 3 degrees C above normal across the rest of China. Mostly dry, warm weather favored rice maturation across the Korean Peninsula and Japan.



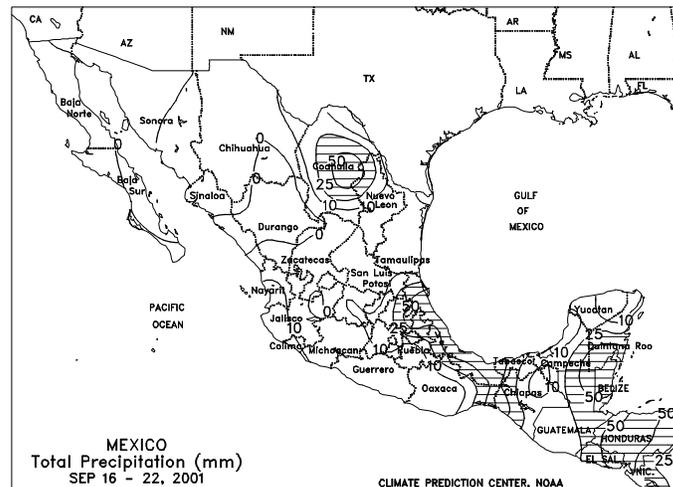
SOUTH AMERICA

Across central Argentina, dry weather favored late wheat and early corn and sunflower planting. Freezing temperatures extended from western Buenos Aires and La Pampa northward into all of Cordoba, burning back vegetative winter wheat. Moderate showers (20-60 mm) increased topsoil moisture for early cotton planting in northern Argentina. According to the Argentine Agricultural Secretariat as of September 21, sunflower planting was 13 percent planted, with planting confined to northern Santa Fe and Entre Rios. Winter wheat planting was ending in Buenos Aires. In southern Brazil and Paraguay, showers (25-60 mm or more) continued to boost topsoil moisture for early soybean planting from western Parana into Mato Grosso do Sul, southern Mato Grosso, and Goias. Drier weather (less than 15 mm) covered Rio Grande do Sul, eastern Santa Catarina, and Parana, favoring winter wheat maturation and harvesting. However, scattered frost in south-central Parana and Santa Catarina caused only isolated, if any, damage to immature wheat. In coastal Bahia and Espirito Santo, widespread showers (15-70 mm) increased moisture supplies for cocoa and coffee. Temperatures averaged near normal in central Argentina and 1 to 3 degrees C below normal in southern Brazil.



MEXICO

Showers (10-80 mm or more) continued across eastern and northeastern Mexico, increasing long-term moisture supplies and providing moisture for late corn development. Seasonably drier weather (less than 10 mm) prevailed across the western corn belt, but soil moisture remained adequate. Across northwestern Mexico, only scattered, light showers (less than 15 mm) were reported. Temperatures averaged 1 to 2 degrees C above normal across most of the country and 1 to 2 degrees C below normal across northeastern Mexico.



The *Weekly Weather and Crop Bulletin* (ISSN 0043-1974) is published weekly and 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 is responsible for managing, printing, and distributing the bulletin. The contents may be reprinted freely, with proper credit.

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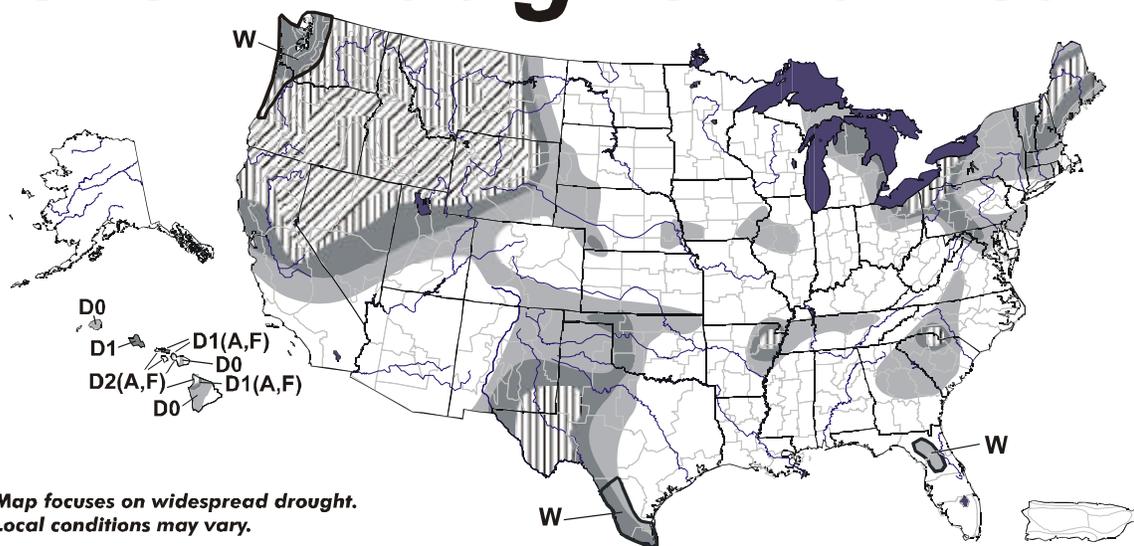
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September 18, 2001 Valid 8 a.m. EDT

U.S. Drought Monitor



Map focuses on widespread drought. Local conditions may vary.

- D0 Abnormally Dry
 - D1 Drought-First Stage
 - ▨ D2 Drought-Severe
 - ▩ D3 Drought-Extreme
 - ⊠ D4 Drought-Exceptional
 - Delineates Overlapping Areas
- Drought type: used only when impacts differ
- A = Agriculture
W = Water
F = Wildfire danger



See accompanying text summary for forecast statements
<http://enso.unl.edu/monitor/monitor.html>

• Released Thursday, September 20, 2001 •
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NOAA/NWS/NCEP/CPC
5200 Auth Road
WWB, Room 605
Camp Springs, MD 20746-4304

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