

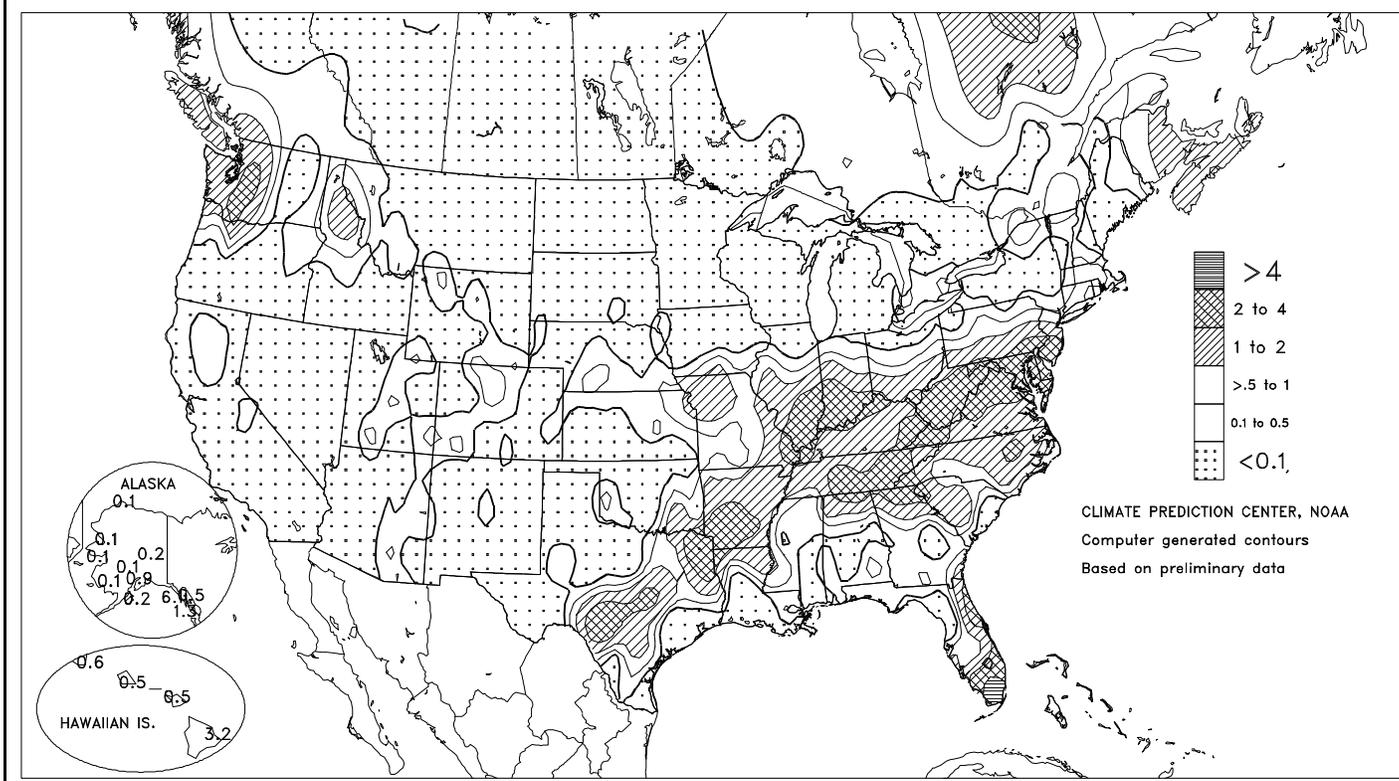
# WEEKLY WEATHER AND CROP BULLETIN

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

## Total Precipitation (Inches)

SEP 24 - 30, 2000



## HIGHLIGHTS

September 24 - 30, 2000

Very cool, dry weather overspread much of the Nation in the wake of an early-week storm system that slowed fieldwork from the **Ohio Valley** to the **Mid-Atlantic region**. The storm provided beneficial moisture, however, from **south-central Texas** to the **Delta**, but bypassed critically dry winter wheat areas across the **southern half of the Plains**, further hampering wheat planting and emergence. During the remainder of the week, showers lingered across **southern Florida** and overspread the **Northwest**. Weekly temperatures averaged as much as 11°F below normal in **Texas** and ranged from 5 to 9°F below normal from the **Ohio Valley** into the

*(Continued on page 5)*

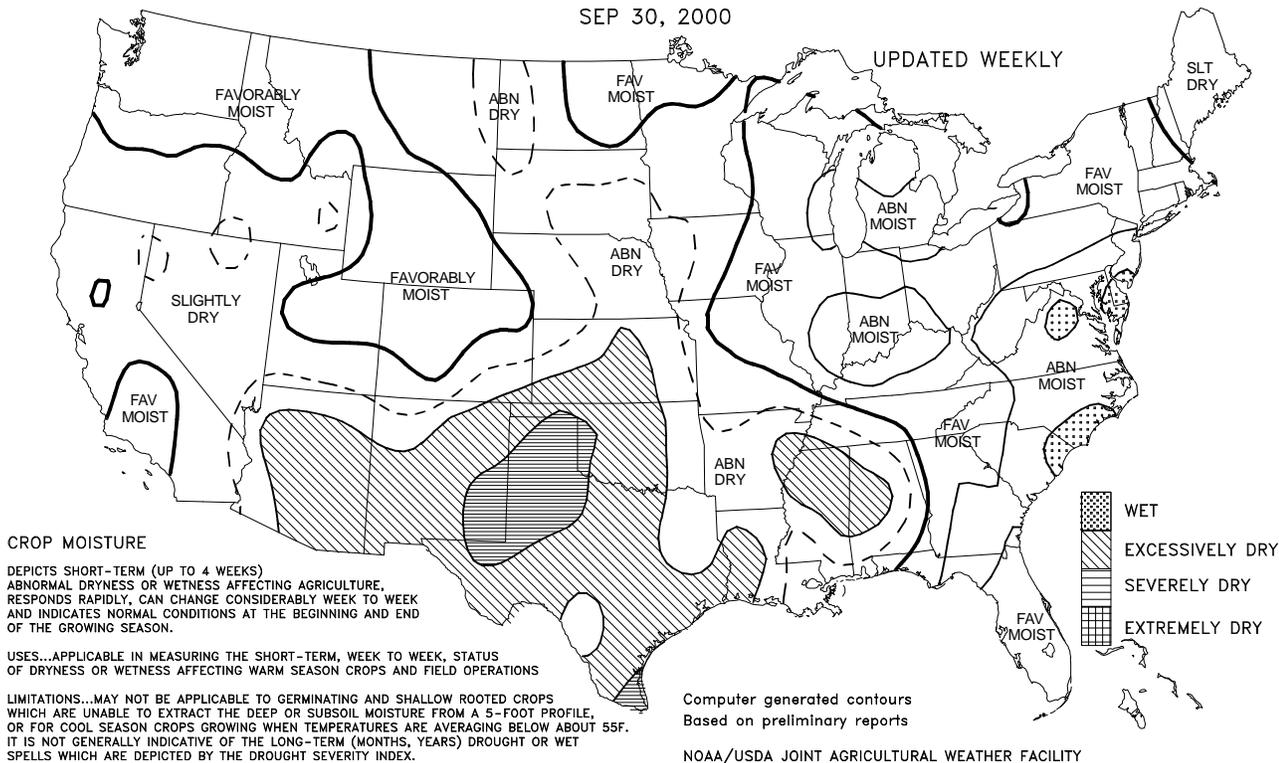
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### Crop Moisture

SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE  
SEP 30, 2000

UPDATED WEEKLY



#### CROP MOISTURE

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

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

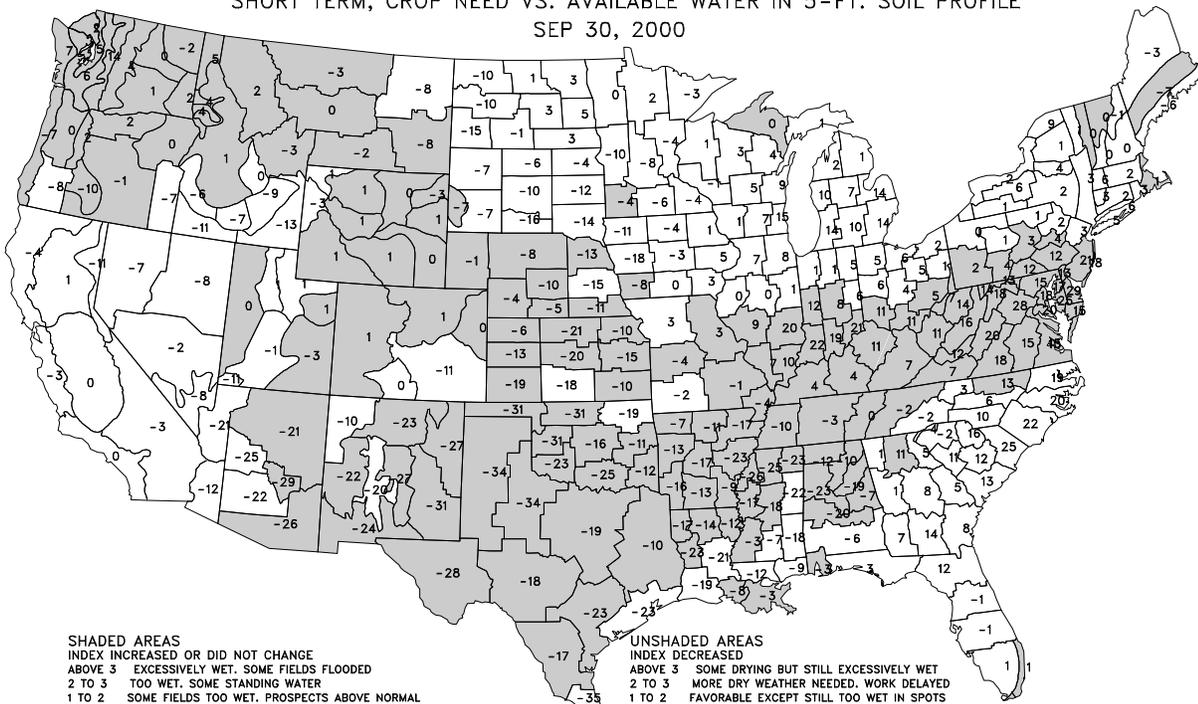
LIMITATIONS...MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A 5-FOOT PROFILE, OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55F. IT IS NOT GENERALLY INDICATIVE OF THE LONG-TERM (MONTHS, YEARS)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

Computer generated contours  
Based on preliminary reports

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

### Crop Moisture Index

SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE  
SEP 30, 2000



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

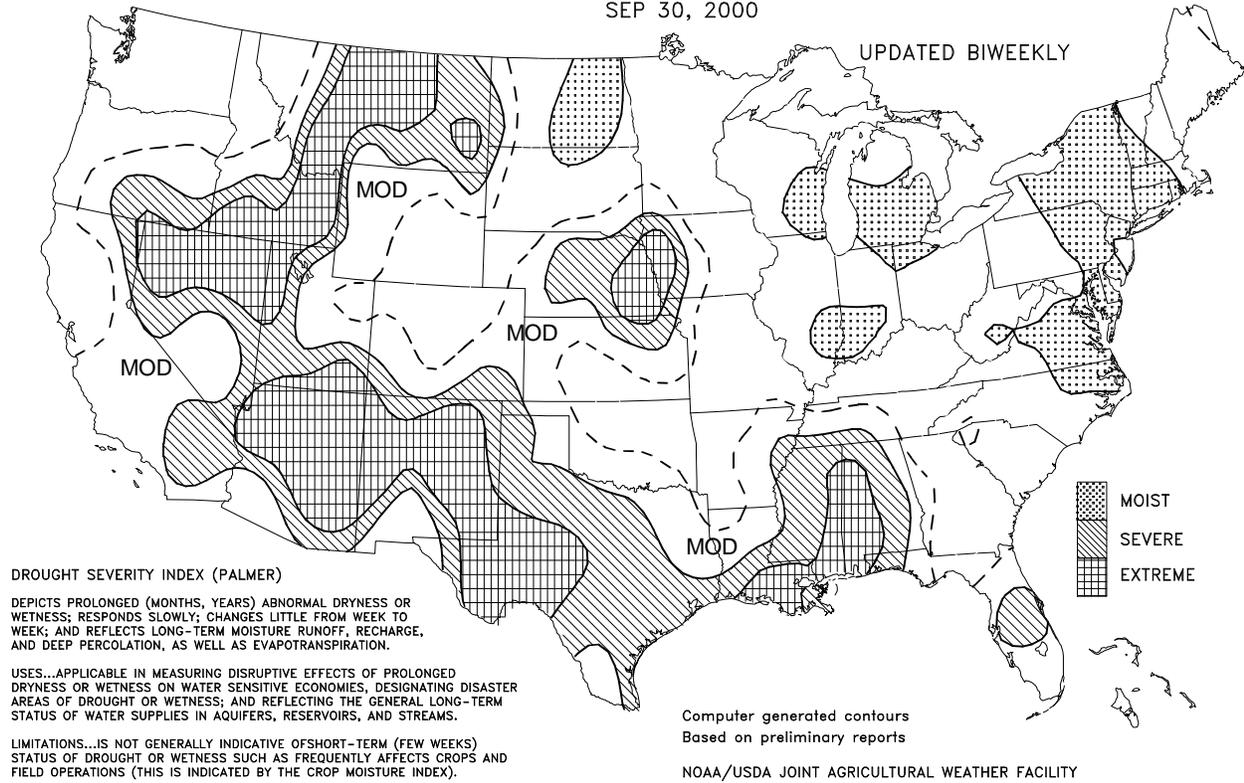
**UNSHADED AREAS**  
INDEX DECREASED  
ABOVE 3 SOME DRYING BUT STILL EXCESSIVELY WET  
2 TO 3 MORE DRY WEATHER NEEDED. WORK DELAYED  
1 TO 2 FAVORABLE EXCEPT STILL TOO WET IN SPOTS  
0 TO 1 FAVORABLE FOR NORMAL GROWTH AND FIELDWORK  
0 TO -1 TOPSOIL MOISTURE SHORT. GERMINATION SLOW  
-1 TO -2 ABNORMALLY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

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

BASED ON PRELIMINARY DATA

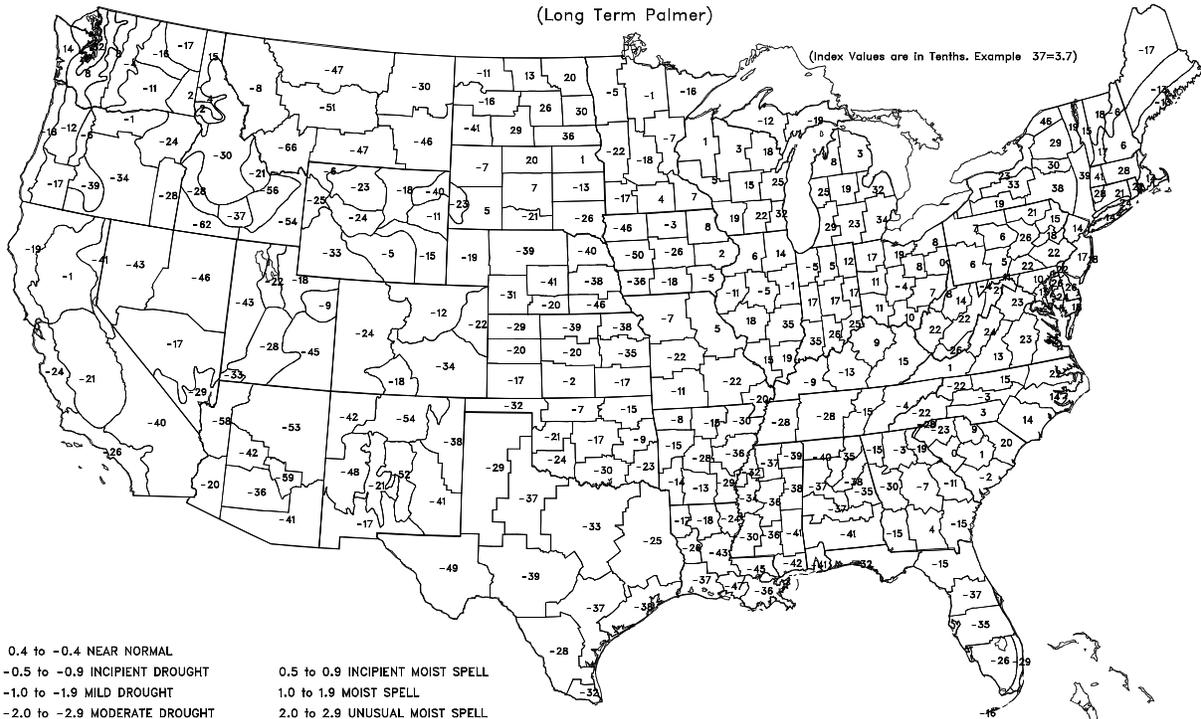
DROUGHT SEVERITY  
LONG TERM PALMER  
SEP 30, 2000

UPDATED BIWEEKLY



Drought Severity Index by Division  
SEP 30, 2000  
(Long Term Palmer)

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

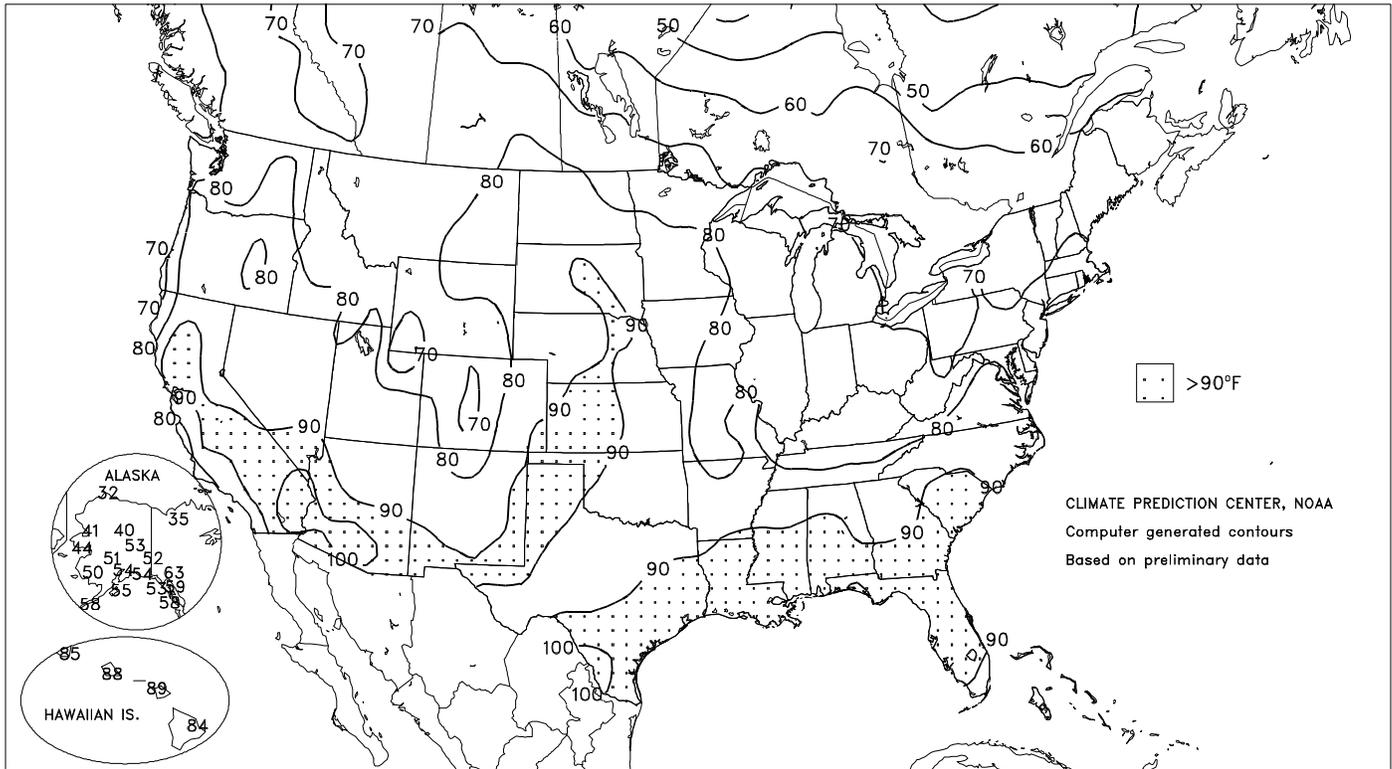


- |                                |                                  |
|--------------------------------|----------------------------------|
| 0.4 to -0.4 NEAR NORMAL        | 0.5 to 0.9 INCIPIENT MOIST SPELL |
| -0.5 to -0.9 INCIPIENT DROUGHT | 1.0 to 1.9 MOIST SPELL           |
| -1.0 to -1.9 MILD DROUGHT      | 2.0 to 2.9 UNUSUAL MOIST SPELL   |
| -2.0 to -2.9 MODERATE DROUGHT  | 3.0 to 3.9 VERY MOIST SPELL      |
| -3.0 to -3.9 SEVERE DROUGHT    | ABOVE 4.0 EXTREME MOIST SPELL    |
| BELOW -4.0 EXTREME DROUGHT     |                                  |

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY  
Based on preliminary data  
Bolded values are RFC/CADB derived

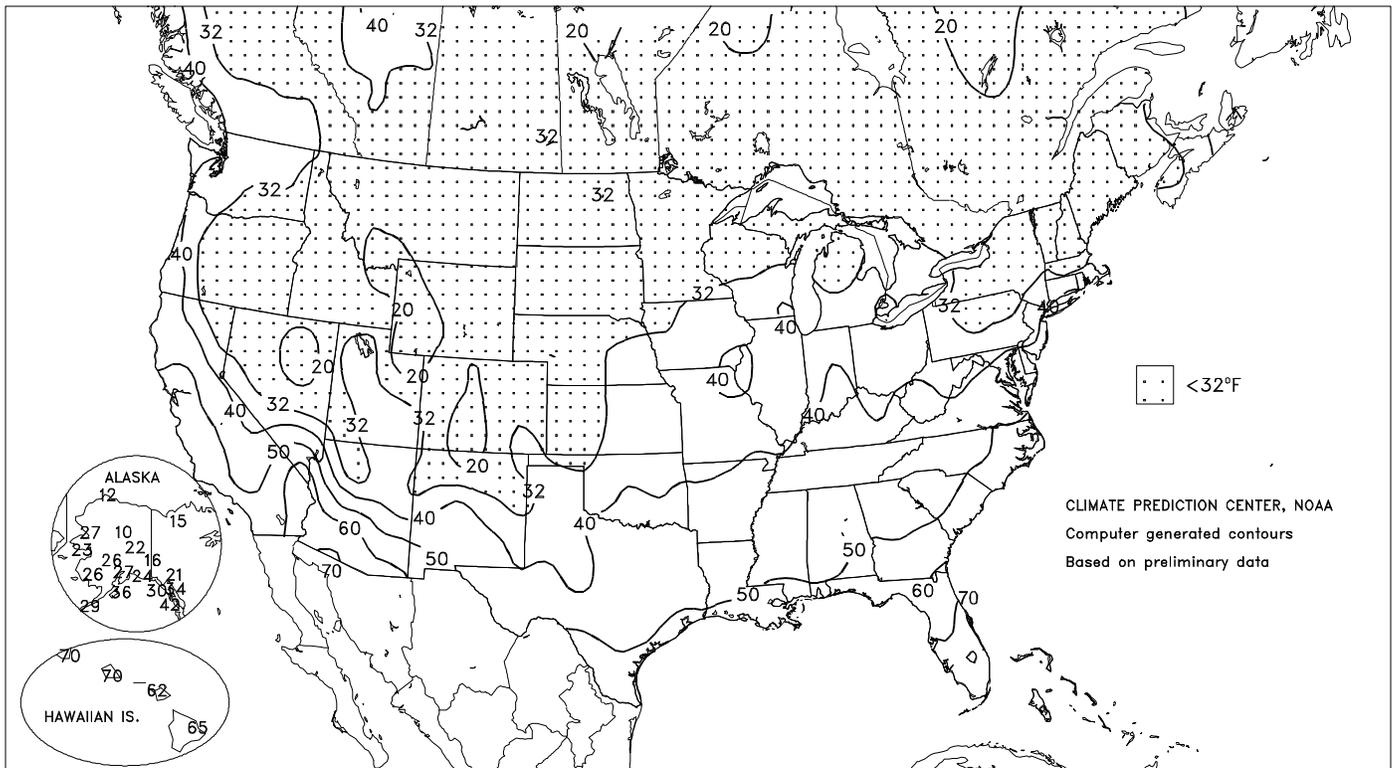
Extreme Maximum Temperature (°F)

SEP 24 - 30, 2000



Extreme Minimum Temperature (°F)

SEP 24 - 30, 2000



(Continued from front cover)

**Northeast.** Warmer air returned to areas as far east as the **Plains** late in the week, boosting weekly readings up to 5°F above normal in **Montana**. Following the cold snap that lowered temperatures to the freezing mark as far south as **northernmost Texas**, late-week temperatures soared above 90°F as far north as **South Dakota**. The cold weather had little effect on nearly mature summer crops in the **northwestern Corn Belt**, but may have burned back emerging winter wheat in the **northern High Plains** and **Northwest**. Autumn's first freeze occurred as much as 2 weeks ahead of schedule on the **central High Plains** and more than 1 week earlier than normal in parts of the **Northeast** and **Interior Northwest**.

Early in the week, snow lingered on the **High Plains**, while widespread rain developed from the **Ohio and middle Mississippi Valleys southward**. On Sunday, 6.4 inches of snow blanketed **Cheyenne, WY**, their greatest single-day September total, raising their 2-day total to 10.6 inches. Meanwhile, **El Dorado, AR** received 1.98 inches, a daily-record rainfall. During the first half of the week, storm-total rainfall topped 2 inches in many locations from **south-central Texas** to the **Mid-Atlantic States**.

Cold air in the storm's wake resulted in more than 80 daily-record lows. On Sunday, record lows included 14°F in **Wells, NV** and 23°F in **Aberdeen, SD**. **North Platte, NE** noted a high of 40°F and a 2.8-inch snowfall, just 6 days after their 65<sup>th</sup> day of 90°F heat this year (93°F on September 18). On September 25, a low of 32°F was registered as far south as **Dalhart, TX**, while readings fell well below the freezing mark in locations such as **Pueblo, CO** (28°F) and **Garden City, KS** (28°F). A day later, temperatures fell below 40°F as far south as **San Angelo, TX** (38°F). Elsewhere in **Texas**, **Corpus Christi** posted a September record-tying low of 52°F on Wednesday, just 22 days after their all-time-record high of 109°F.

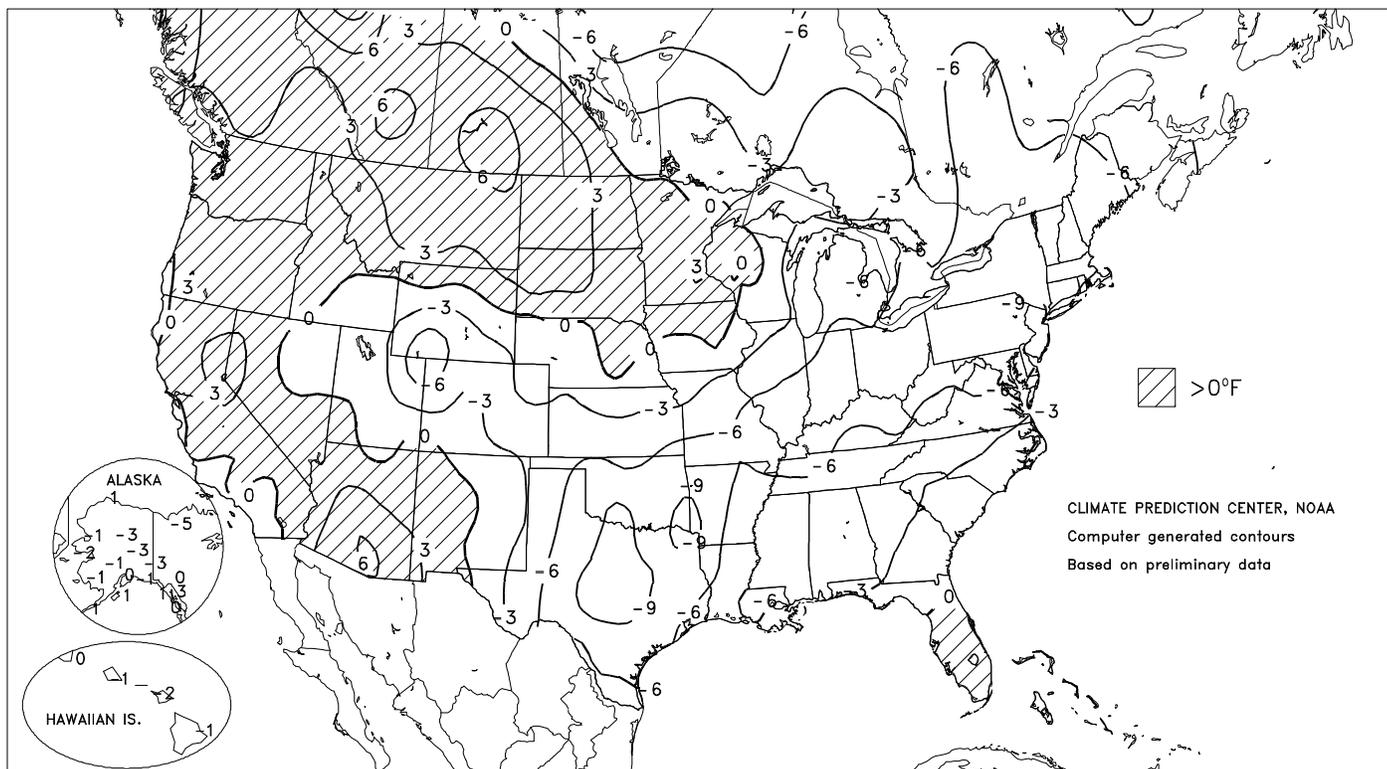
Another strong shot of cold air entered the **Northeast** toward week's end, producing more than a dozen additional daily records. On Friday in **Maine**, **Bangor's** low of 23°F eclipsed their previous monthly record of 24°F, set on September 27 and 28, 1947. In **New York**, **Binghamton's** low of 27°F represented their lowest September temperature since a 25°F reading on September 24, 1974. In contrast, very warm weather returned to the **western half of the Nation**. On Friday, **Tucson, AZ** posted a daily-record high of 101°F, sealing their warmest September on record (average temperature of 84.8°F, 4.4°F above normal). In addition, **Tucson's** water-year (October 1999 - September 2000) precipitation totaled just 6.09 inches (51 percent of normal), their fifth-lowest amount on record.

Farther east, September rainfall was the lowest on record in the **western Texas** cities of **Amarillo** (0.03 inch), **Lubbock** (a trace), and **Midland** (none). Beneficial moisture overspread the **Northwest** at month's end, however, resulting in daily-record precipitation total on September 30 in **Missoula, MT** (0.59 inch) and **Lewiston, ID** (0.82 inch).

Widespread showers returned to **Hawaii** after a 3-week absence, bringing renewed drought relief to leeward areas. Although September rainfall was near normal (0.76 inch, or 97 percent of normal) in **Honolulu, Oahu**, year-to-date precipitation remained well below average (4.58 inches, or 35 percent). Meanwhile in **Alaska**, chilly (weekly temperatures as much as 3°F below normal), sometimes showery weather capped a cool September. **Fairbanks** noted their first measurable snowfall, 1.4 inches, on September 29-30, boosting their September precipitation to 1.48 inches (156 percent of normal). On the 30th, snow fell in **Juneau** for only the sixth time in September on record, and for the first time in September since 1974.

Departure of Average Temperature from Normal (°F)

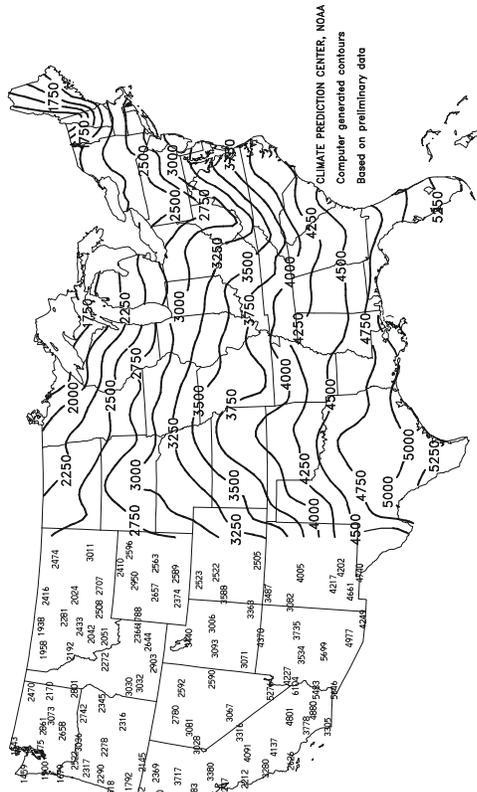
SEP 24 - 30, 2000





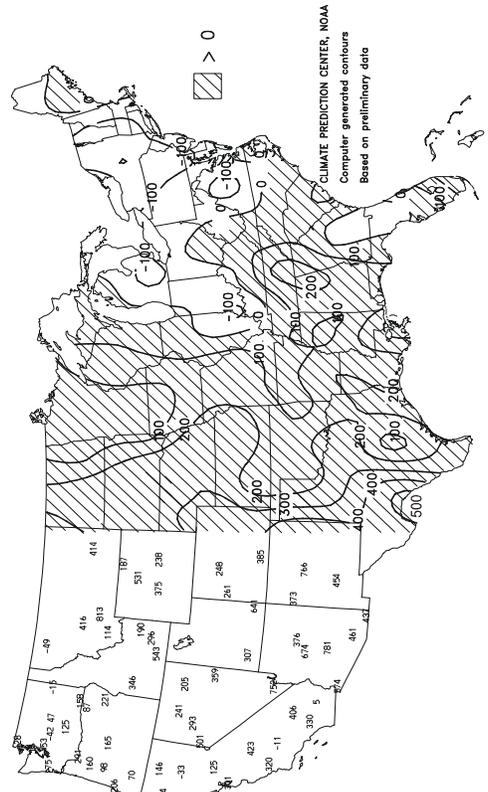
Total Growing Degree Days

APR 1 - SEP 30, 2000



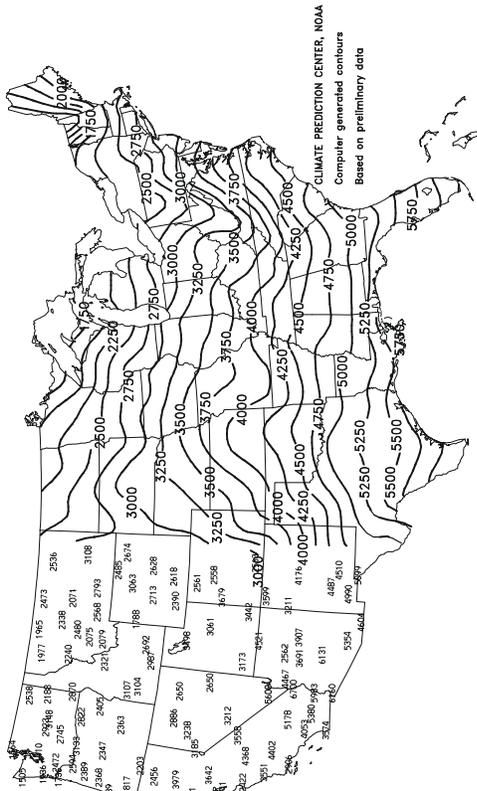
Departure From Normal Growing Degree Days

APR 1 - SEP 30, 2000



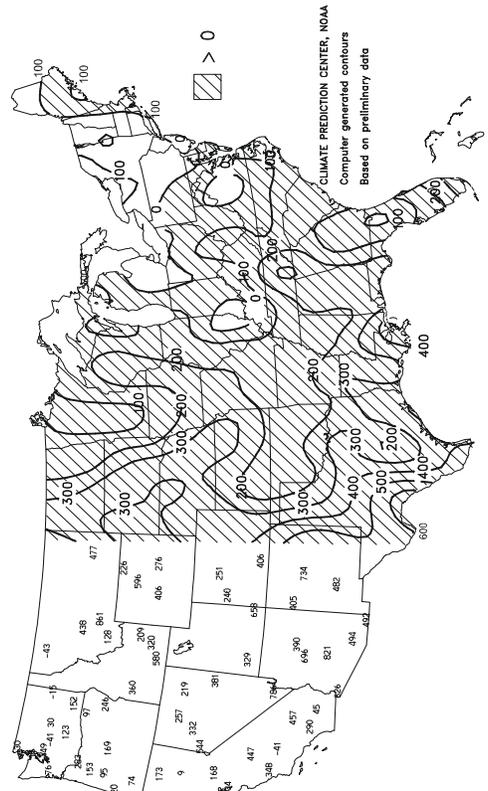
Total Growing Degree Days

MAR 1 - SEP 30, 2000



Departure From Normal Growing Degree Days

MAR 1 - SEP 30, 2000



National Weather Data for Selected Cities

Weather Data for the Week Ending September 30, 2000

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	79	54	86	45	67	-2	0.00	-0.77	0.00	1.66	40	38.81	91	86	37	0	0	0	0
AL HUNTSVILLE	78	52	86	45	65	-2	0.00	-0.84	0.00	1.82	42	31.63	73	92	49	0	0	0	0
AL MOBILE	81	56	86	51	69	-5	0.01	-0.98	0.01	3.42	56	29.92	58	87	46	0	0	1	0
AL MONTGOMERY	80	55	84	51	68	-4	0.00	-0.75	0.00	7.52	176	25.29	60	88	42	0	0	0	0
AK ANCHORAGE	46	33	53	27	39	-3	0.05	-0.52	0.05	2.95	103	12.10	102	70	59	0	4	1	0
AK BARROW	30	22	32	17	26	3	0.21	0.10	0.10	0.67	106	4.86	133	90	83	0	7	4	0
AK FAIRBANKS	37	26	40	16	31	-6	0.06	-0.12	0.05	1.48	147	9.22	110	86	77	0	6	2	0
AK JUNEAU	49	39	57	25	44	-2	0.63	-1.14	0.20	10.06	139	48.30	128	94	87	0	2	6	0
AK KODIAK	50	39	54	36	44	-2	0.27	-1.44	0.23	2.90	39	34.38	71	79	67	0	0	3	0
AK NOME	39	27	42	23	33	-3	0.00	-0.44	0.00	3.06	120	15.64	133	85	74	0	7	0	0
AZ FLAGSTAFF	76	42	80	39	59	6	0.28	-0.12	0.24	0.37	17	10.78	64	86	25	0	0	2	0
AZ PHOENIX	101	79	103	76	90	9	0.00	-0.17	0.00	0.01	1	4.20	78	36	24	7	0	0	0
AZ TUCSON	99	71	101	68	85	9	0.02	-0.30	0.02	0.02	1	6.09	66	50	25	7	0	1	0
AZ YUMA	99	74	100	72	87	5	0.00	-0.06	0.00	0.00	0	0.99	45	47	32	7	0	0	0
AR FORT SMITH	84	51	93	42	67	-2	0.01	-0.78	0.01	3.42	99	25.64	84	97	29	2	0	1	0
AR LITTLE ROCK	82	52	88	45	67	-2	0.00	-0.89	0.00	3.39	79	28.10	75	91	32	0	0	0	0
CA BAKERSFIELD	88	60	95	57	74	1	0.00	-0.04	0.00	0.00	0	4.57	111	58	39	4	0	0	0
CA FRESNO	88	60	93	55	74	3	0.00	-0.07	0.00	0.32	123	12.72	174	71	43	3	0	0	0
CA LOS ANGELES	73	64	77	63	69	0	0.00	-0.04	0.00	0.04	13	9.89	120	86	71	0	0	0	0
CA REDDING	92	59	100	51	75	5	0.00	-0.29	0.00	3.08	311	30.16	148	61	32	4	0	0	0
CA SACRAMENTO	86	56	94	51	71	2	0.00	-0.13	0.00	0.09	22	21.92	195	94	32	3	0	0	0
CA SAN DIEGO	72	67	74	64	69	-1	0.00	-0.04	0.00	0.00	0	5.41	83	82	73	0	0	0	0
CA SAN FRANCISCO	72	57	85	53	64	1	0.00	-0.12	0.00	0.07	29	19.54	155	87	73	0	0	0	0
CA STOCKTON	87	55	94	52	71	1	0.00	-0.10	0.00	0.08	22	11.54	130	90	61	3	0	0	0
CO ALAMOSA	75	31	79	21	53	3	0.02	-0.17	0.02	0.23	24	3.55	59	63	23	0	5	1	0
CO CO SPRINGS	78	45	84	35	61	5	0.00	-0.21	0.00	0.55	40	15.59	107	64	20	0	0	0	0
CO DENVER	78	47	83	38	63	6	0.00	-0.26	0.00	1.53	117	13.78	106	68	20	0	0	0	0
CO GRAND JUNCTION	81	48	87	37	65	4	0.04	-0.17	0.04	0.60	68	5.80	91	60	33	0	0	1	0
CO PUEBLO	85	42	91	32	63	3	0.00	-0.14	0.00	0.36	38	10.62	108	70	26	1	1	0	0
CT BRIDGEPORT	63	45	68	39	54	-7	0.52	-0.17	0.51	4.60	141	38.60	123	89	61	0	0	2	1
CT HARTFORD	63	37	71	30	50	-8	0.38	-0.45	0.38	3.90	97	36.20	110	96	58	0	2	1	0
DC WASHINGTON	68	51	76	48	59	-7	0.28	-0.42	0.28	4.91	140	36.38	123	95	67	0	0	1	0
DE WILMINGTON	67	45	75	39	56	-7	0.48	-0.25	0.45	6.62	183	39.63	126	97	56	0	0	4	0
FL DAYTONA BEACH	84	72	92	67	78	1	4.90	3.65	3.36	13.70	205	37.44	97	96	62	1	0	5	2
FL JACKSONVILLE	78	64	81	59	71	-4	2.07	0.91	1.09	11.68	159	35.65	81	98	71	0	0	3	2
FL KEY WEST	87	77	89	74	82	0	3.68	2.44	1.75	6.54	106	28.85	94	91	72	0	0	5	2
FL MIAMI	88	76	91	73	82	1	3.43	1.82	2.62	13.20	164	38.38	83	91	66	3	0	5	1
FL ORLANDO	87	71	91	69	79	0	0.94	-0.04	0.83	6.37	102	26.38	64	93	62	1	0	2	1
FL PENSACOLA	81	61	86	55	71	-4	0.00	-1.06	0.00	9.99	178	30.21	60	77	45	0	0	0	0
FL TALLAHASSEE	81	58	85	53	70	-4	0.00	-0.93	0.00	13.75	237	38.03	70	87	50	0	0	0	0
FL TAMPA	89	71	92	69	80	1	0.02	-0.89	0.02	5.15	83	26.39	69	93	59	2	0	1	0
FL WEST PALM	87	75	90	72	81	1	2.42	0.55	0.86	7.47	83	28.25	60	95	71	1	0	6	2
GA ATHENS	75	53	80	48	64	-4	0.00	-0.75	0.00	4.82	135	27.50	71	92	54	0	0	0	0
GA ATLANTA	74	55	79	49	64	-4	0.00	-0.73	0.00	4.93	136	27.07	68	87	54	0	0	0	0
GA AUGUSTA	78	52	80	49	65	-5	0.00	-0.65	0.00	6.00	187	33.20	92	93	51	0	0	0	0
GA COLUMBUS	79	57	83	52	68	-4	0.00	-0.60	0.00	5.39	159	27.59	68	86	41	0	0	0	0
GA MACON	78	53	82	48	65	-6	0.01	-0.54	0.01	10.40	355	32.29	91	93	46	0	0	1	0
GA SAVANNAH	78	57	82	53	68	-5	0.35	-0.37	0.35	7.45	160	33.05	79	91	51	0	0	1	0
HI HILO	82	70	84	66	76	0	4.95	3.02	1.44	10.94	121	76.00	81	93	83	0	0	6	3
HI HONOLULU	86	73	88	70	79	-1	0.49	0.16	0.29	0.78	88	4.61	35	84	78	0	0	4	0
HI KAHULUI	87	68	91	62	78	0	0.55	0.41	0.28	0.54	135	4.88	35	91	78	1	0	2	0
HI LIHUE	84	72	85	70	78	-1	3.70	2.94	3.11	6.75	260	16.72	59	89	79	0	0	2	2
ID BOISE	76	50	79	45	63	5	0.00	-0.17	0.00	0.60	71	7.97	93	58	32	0	0	0	0
ID LEWISTON	72	48	81	41	60	1	1.60	1.41	1.07	3.02	360	10.91	118	73	55	0	0	2	2
ID POCATELLO	76	44	81	28	60	6	0.00	-0.21	0.00	1.31	144	7.01	78	60	31	0	2	0	0
IL CHICAGO/O'HARE	73	51	83	42	62	3	0.00	-0.70	0.00	3.59	90	27.42	97	75	44	0	0	0	0
IL MOLINE	77	50	84	39	63	4	0.00	-0.82	0.00	5.28	125	32.58	103	82	45	0	0	0	0
IL PEORIA	76	49	84	37	63	2	0.00	-0.78	0.00	2.64	65	20.13	70	85	37	0	0	0	0
IL ROCKFORD	74	47	82	38	60	2	0.01	-0.76	0.01	7.92	198	38.96	134	85	45	0	0	1	0
IL SPRINGFIELD	78	49	84	35	64	2	0.00	-0.69	0.00	2.92	83	24.78	90	87	42	0	0	0	0
IN EVANSVILLE	75	47	83	40	61	-3	0.02	-0.63	0.01	5.03	160	40.40	122	97	59	0	0	2	0
IN FORT WAYNE	72	45	82	39	59	-1	0.00	-0.57	0.00	4.61	163	30.59	114	97	43	0	0	0	0
IN INDIANAPOLIS	72	47	81	39	59	-2	0.00	-0.60	0.00	4.82	159	31.95	103	93	47	0	0	0	0
IN SOUTH BEND	72	46	81	36	59	0	0.00	-0.77	0.00	3.22	84	29.47	99	82	46	0	0	0	0
IA BURLINGTON	77	51	84	39	64	3	0.00	-0.84	0.00	6.07	140	28.27	97	83	38	0	0	0	0
IA CEDAR RAPIDS	75	48	80	37	62	4	0.00	-0.73	0.00	4.40	108	28.27	101	87	40	0	0	0	0
IA DES MOINES	78	53	81	41	65	5	0.01	-0.70	0.01	1.29	35	17.51	63	75	41	0	0	1	0
IA DUBUQUE	72	48	79	38	60	3	0.02	-0.84	0.01	3.44	70	29.02	93	80	50	0	0	2	0
IA SIOUX CITY	82	45	89	34	64	6	0.03	-0.55	0.02	1.08	36	19.36	87	89	37	0	0	2	0
IA WATERLOO	77	47	81	34	62	5	0.01	-0.71	0.01	2.31	62	32.07	114	86	42	0	0	1	0
KS CONCORDIA	85	54	94	44	70	8	0.00	-0.59	0.00	0.65	21	14.24	57	61	26	1	0	0	0
KS DODGE CITY	88	49	96	36	68	4	0.00	-0.36	0.00	0.19	9	18.63	99	58	18	2	0	0	0
KS GOODLAND	83	45	90	32	64	5	0.00	-0.29	0.00	0.89	54	13.94	86	65	25	1	1	0	0
KS TOPEKA	83	53	91	38	68	5	0.00	-0.82	0.00	2.97	74	21.57	74	74	32	1	0	0	0

Weather Data for the Week Ending September 30, 2000

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	86	52	94	40	69	4	0.00	-0.69	0.00	1.02	28	25.66	105	68	26	1	0	0	0
	JACKSON	70	48	79	40	59	-4	0.02	-0.75	0.02	4.92	127	39.19	103	96	53	0	0	1	0
	LEXINGTON	71	48	80	41	59	-4	0.04	-0.59	0.02	5.32	158	35.66	103	92	65	0	0	3	0
	LOUISVILLE	73	50	83	44	61	-3	0.00	-0.65	0.00	5.34	160	41.24	120	97	52	0	0	0	0
	PADUCAH	78	48	86	41	63	-2	0.00	-0.76	0.00	3.68	95	39.83	106	96	40	0	0	0	0
LA	BATON ROUGE	82	54	89	50	68	-6	0.00	-0.93	0.00	3.04	60	23.60	49	91	38	0	0	0	0
	LAKE CHARLES	84	55	89	50	70	-4	0.00	-1.13	0.00	3.13	52	36.24	87	87	40	0	0	0	0
	NEW ORLEANS	80	61	87	54	71	-3	0.00	-0.96	0.00	6.50	113	23.37	48	83	57	0	0	0	0
	SHREVEPORT	84	53	91	48	68	-4	0.00	-0.79	0.00	1.13	34	38.74	114	89	34	1	0	0	0
ME	CARIBOU	60	34	71	25	47	-2	0.02	-0.70	0.02	1.59	44	29.91	111	92	44	0	4	1	0
	PORTLAND	60	39	67	32	50	-4	0.02	-0.75	0.01	2.47	75	28.84	93	88	53	0	1	2	0
MD	BALTIMORE	68	45	76	40	56	-7	0.39	-0.33	0.38	5.56	154	37.81	121	93	59	0	0	2	0
MA	BOSTON	62	46	70	38	54	-6	0.56	-0.14	0.56	2.87	88	33.73	112	93	63	0	0	1	1
	WORCESTER	59	42	68	34	51	-5	0.50	-0.45	0.48	3.04	71	35.00	100	91	49	0	0	3	0
MI	ALPENA	68	42	76	27	55	2	0.04	-0.55	0.04	3.65	112	20.56	91	86	47	0	2	1	0
	GRAND RAPIDS	69	44	77	34	57	1	0.02	-0.81	0.02	6.45	145	35.74	131	86	50	0	0	1	0
	HOUGHTON LAKE	67	41	76	25	54	2	0.00	-0.65	0.00	2.01	56	21.95	100	85	51	0	3	0	0
	LANSING	69	44	77	33	57	2	0.00	-0.66	0.00	6.15	165	27.11	114	90	59	0	0	0	0
	MUSKOGON	68	46	79	33	57	1	0.00	-0.78	0.00	5.01	123	28.82	121	87	59	0	0	0	0
	TRAVERSE CITY	69	45	78	27	57	2	0.06	-0.75	0.06	6.47	154	25.05	110	87	43	0	2	1	0
MN	DULUTH	68	43	77	32	56	6	0.17	-0.58	0.16	2.19	54	23.34	95	88	51	0	1	2	0
	INT'L FALLS	65	35	78	23	50	1	0.30	-0.32	0.22	2.23	67	18.92	92	87	39	0	3	2	0
	MINNEAPOLIS	75	52	84	43	63	8	0.00	-0.56	0.00	2.15	75	24.75	105	74	39	0	0	0	0
	ROCHESTER	73	49	80	42	61	7	0.00	-0.68	0.00	1.04	28	36.30	146	84	46	0	0	0	0
	ST. CLOUD	75	42	83	35	59	7	0.00	-0.62	0.00	0.93	28	15.62	67	84	28	0	0	0	0
MS	JACKSON	82	53	87	44	68	-3	0.00	-0.74	0.00	3.50	93	29.51	71	90	38	0	0	0	0
	MERIDIAN	82	50	87	44	66	-4	0.00	-0.74	0.00	3.51	95	26.76	62	92	44	0	0	0	0
	TUPELO	82	51	90	43	67	-2	0.00	-0.81	0.00	1.91	50	29.68	71	89	41	1	0	0	0
MO	COLUMBIA	78	50	86	37	64	1	0.00	-0.85	0.00	1.75	43	33.31	109	83	39	0	0	0	0
	KANSAS CITY	81	53	88	39	67	4	0.00	-1.01	0.00	3.12	61	28.00	90	74	37	0	0	0	0
	SAINT LOUIS	78	53	88	41	65	0	0.00	-0.67	0.00	2.62	80	30.64	107	79	43	0	0	0	0
	SPRINGFIELD	78	49	87	35	64	0	0.00	-0.98	0.00	2.27	47	28.07	86	84	37	0	0	0	0
MT	BILLINGS	72	49	80	41	60	6	0.27	-0.04	0.19	1.91	133	10.64	86	66	29	0	0	2	0
	BUTTE	68	33	76	24	51	5	0.15	-0.08	0.10	1.21	92	6.48	62	80	24	0	4	2	0
	GLASGOW	72	42	80	38	57	5	0.00	-0.19	0.00	0.94	90	11.98	123	73	40	0	0	0	0
	GREAT FALLS	71	42	79	32	56	4	0.28	0.04	0.27	1.31	101	7.81	60	65	23	0	1	2	0
	KALISPELL	66	32	72	24	49	1	0.20	-0.04	0.20	1.39	105	8.27	65	91	49	0	5	1	0
	MILES CITY	76	45	86	39	60	6	0.53	0.27	0.53	1.29	96	11.04	92	81	22	0	0	1	1
	MISSOULA	66	38	73	29	52	2	1.49	1.28	1.11	3.62	307	10.10	93	81	50	0	3	2	1
NE	GRAND ISLAND	85	49	91	40	67	8	0.00	-0.50	0.00	1.01	34	15.45	70	72	28	1	0	0	0
	LINCOLN	83	47	92	37	65	5	0.00	-0.67	0.00	1.13	31	19.46	81	73	34	1	0	0	0
	NORFOLK	83	48	91	37	66	8	0.01	-0.48	0.01	1.27	49	18.32	84	75	32	2	0	1	0
	NORTH PLATTE	80	40	85	30	60	4	0.00	-0.31	0.00	1.22	72	12.51	72	86	25	0	1	0	0
	OMAHA	83	50	89	39	66	6	0.00	-0.73	0.00	0.64	16	20.96	83	80	40	0	0	0	0
	SCOTTSBLUFF	80	40	85	34	60	4	0.00	-0.24	0.00	2.31	199	11.56	87	89	33	0	0	0	0
	VALENTINE	82	40	87	32	61	5	0.27	-0.01	0.15	0.77	48	17.20	105	82	23	0	1	2	0
NV	ELY	78	37	82	30	57	6	0.00	-0.24	0.00	0.37	35	8.00	101	67	29	0	1	0	0
	LAS VEGAS	95	67	100	61	81	6	0.00	-0.05	0.00	0.00	0	2.52	81	28	21	7	0	0	0
	RENO	83	45	88	42	64	8	0.00	-0.07	0.00	0.79	193	5.88	111	58	30	0	0	0	0
	WINNEMUCCA	81	35	84	30	58	4	0.00	-0.11	0.00	0.85	198	7.59	130	75	28	0	2	0	0
NH	CONCORD	65	33	73	26	49	-5	0.04	-0.62	0.03	3.52	117	29.93	113	98	41	0	3	2	0
NJ	NEWARK	66	47	72	42	57	-7	0.33	-0.42	0.33	4.10	106	35.88	106	93	63	0	0	1	0
NM	ALBUQUERQUE	85	57	89	48	71	7	0.03	-0.17	0.03	0.37	35	4.44	62	42	20	0	0	1	0
NY	ALBANY	62	37	69	29	49	-7	0.00	-0.65	0.00	3.04	97	38.17	140	97	52	0	2	0	0
	BINGHAMTON	61	38	70	27	50	-5	0.14	-0.57	0.09	2.41	69	36.38	130	91	54	0	2	3	0
	BUFFALO	65	43	76	33	54	-3	0.05	-0.67	0.05	3.92	106	31.80	113	86	49	0	0	1	0
	ROCHESTER	66	42	77	32	54	-3	0.16	-0.44	0.16	3.53	113	30.07	125	90	50	0	1	1	0
	SYRACUSE	65	39	75	30	52	-5	0.04	-0.77	0.04	3.13	78	29.06	100	93	45	0	2	1	0
NC	ASHEVILLE	69	45	76	38	57	-5	0.02	-0.82	0.01	3.28	80	28.98	78	97	55	0	0	2	0
	CHARLOTTE	73	49	78	45	61	-6	0.02	-0.77	0.01	5.84	157	30.96	93	97	56	0	0	2	0
	GREENSBORO	69	51	76	48	60	-5	0.01	-0.82	0.01	10.00	266	35.60	108	96	58	0	0	1	0
	HATTERAS	74	64	80	60	69	-1	0.63	-0.52	0.45	9.51	170	47.58	114	92	67	0	0	3	0
	RALEIGH	72	52	77	46	62	-4	0.03	-0.65	0.03	3.82	113	35.06	108	96	60	0	0	1	0
	WILMINGTON	76	57	80	53	66	-5	0.44	-0.41	0.24	8.01	153	47.34	105	94	59	0	0	2	0
ND	BISMARCK	75	39	87	34	57	5	0.15	-0.14	0.15	1.13	72	18.90	139	85	44	0	0	1	0
	DICKINSON	75	43	85	41	59	7	0.04	-0.29	0.04	0.65	37	12.19	85	80	24	0	0	1	0
	FARGO	70	41	81	33	55	3	0.20	-0.24	0.19	3.84	181	27.90	169	87	39	0	0	2	0
	GRAND FORKS	66	37	79	28	51	0	0.17	-0.26	0.10	1.63	69	17.87	113	91	39	0	1	3	0
	JAMESTOWN	71	38	83	32	55	3	0.16	-0.16	0.16	1.85	101	18.48	123	90	33	0	1	1	0
	WILLISTON	74	40	85	33	57	6	0.18	-0.08	0.16	1.76	127	14.82	124	83	53	0	0	2	0
OH	AKRON-CANTON	67	43	76	33	55	-4	0.01	-0.64	0.01	4.01	115	38.43	134	92	57	0	0	1	0
	CINCINNATI	71	46	80	39	58	-4	0.00	-0.64	0.00	4.78	157	38.93	122	97	58	0	0	0	0
	CLEVELAND	68	46	79	35	57	-2	0.00	-0.68	0.00	3.29	91	31.72	113	89	57	0	0	0	0
	COLUMBUS	71	46	82	39	59	-1	0.02	-0.53	0.02	4.18	135	34.43	115	92	51	0	0	1	0
	DAYTON	71	46	81	37	59	-2	0.00	-0.54	0.00	2.84	106	26.07	92	93					

Weather Data for the Week Ending September 30, 2000

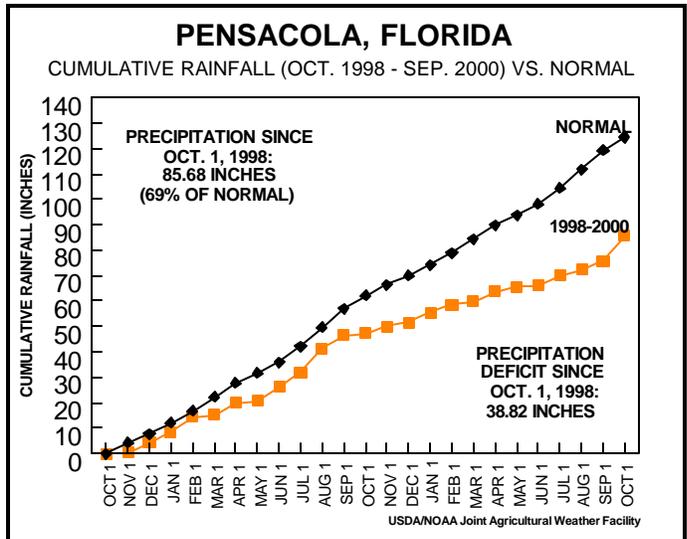
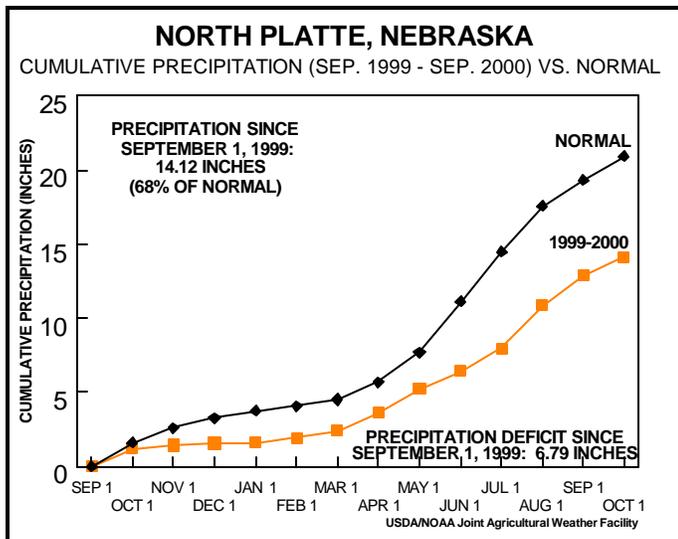
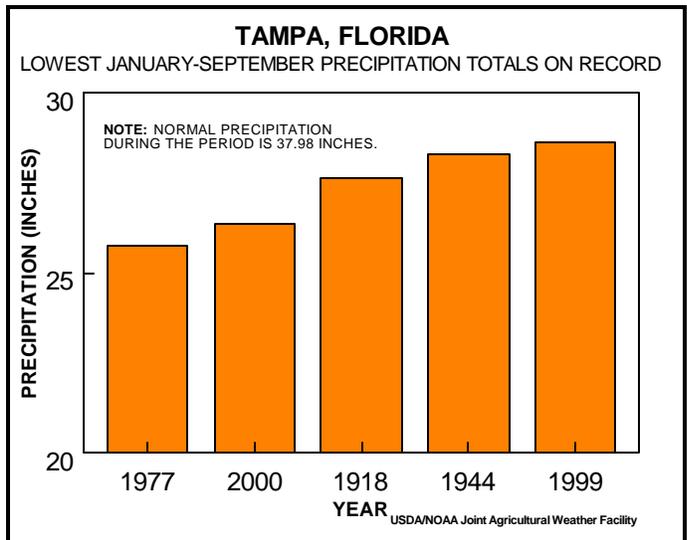
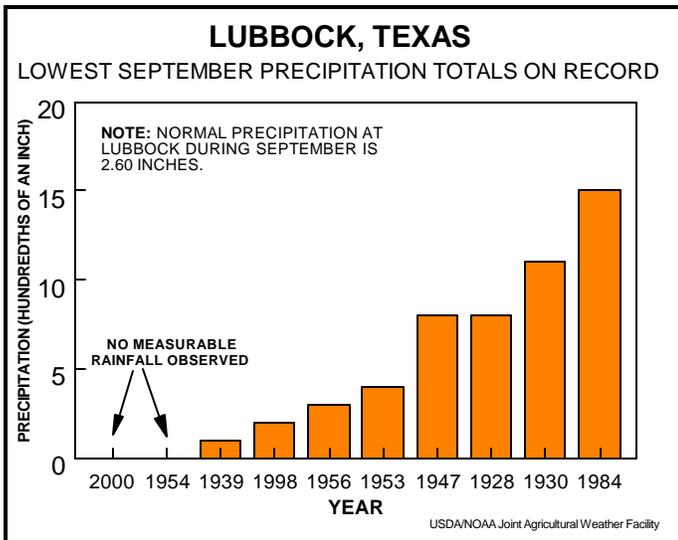
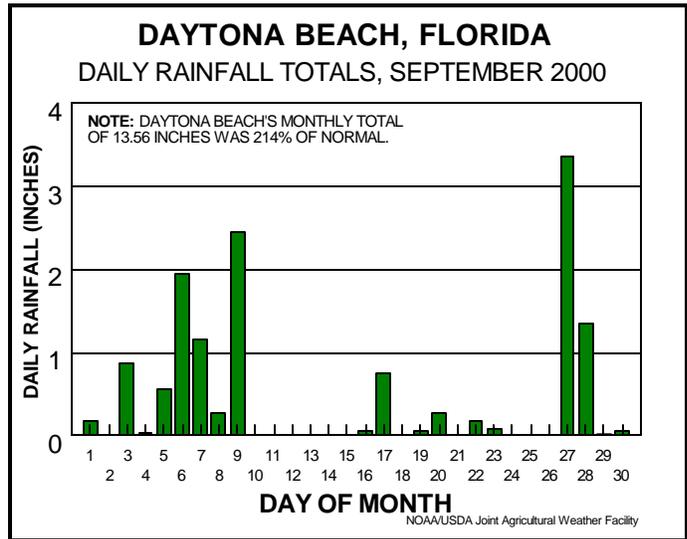
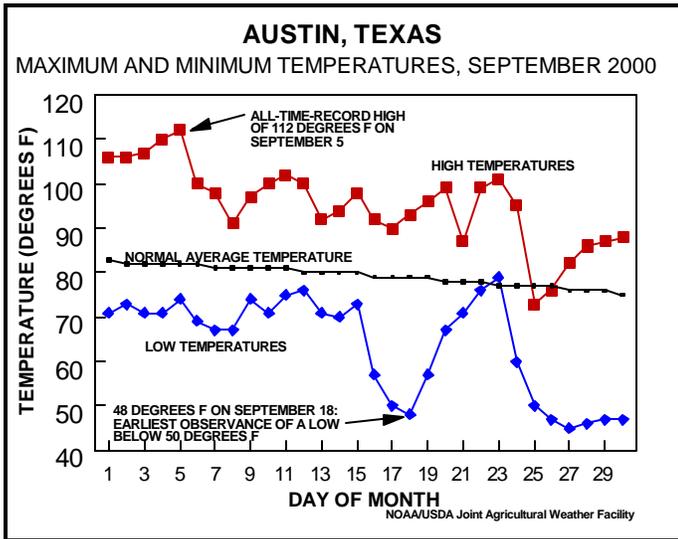
STATES AND STATIONS	TEMPERATURE EF						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN, SINCE Sep 1	PCT. NORMAL SINCE Sep 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	70	45	80	35	57	-1	0.00	-0.55	0.00	4.99	167	31.90	126	90	54	0	0	0	0
OK YOUNGSTOWN	67	42	77	30	55	-2	0.03	-0.67	0.03	3.18	87	29.56	102	91	47	0	1	1	0
OK OKLAHOMA CITY	84	51	94	40	68	0	0.00	-0.88	0.00	1.73	42	25.56	95	78	27	2	0	0	0
OK TULSA	84	54	92	42	69	1	0.00	-1.02	0.00	1.10	22	29.60	93	75	34	2	0	0	0
OR ASTORIA	67	51	82	44	59	3	1.45	0.54	1.11	2.28	72	37.51	93	94	76	0	0	5	1
OR BURNS	74	35	80	30	55	5	0.00	-0.14	0.00	1.16	193	7.81	114	64	32	0	3	0	0
OR EUGENE	76	46	83	38	61	2	0.04	-0.42	0.02	1.01	56	29.10	100	90	61	0	0	2	0
OR MEDFORD	83	49	87	43	66	5	0.00	-0.24	0.00	0.38	41	15.08	139	80	31	0	0	0	0
OR PENDLETON	74	48	80	40	61	3	1.37	1.22	1.04	2.34	371	12.74	159	64	37	0	0	2	1
OR PORTLAND	71	53	81	46	62	3	0.92	0.46	0.66	1.93	103	21.29	96	82	64	0	0	2	1
OR SALEM	73	49	81	40	61	3	0.23	-0.22	0.19	0.79	47	21.43	92	90	65	0	0	3	0
PA ALLENTOWN	64	38	73	32	51	-8	0.55	-0.21	0.54	3.39	82	36.32	109	98	63	0	1	2	1
PA ERIE	66	47	78	37	57	-2	0.13	-0.81	0.11	2.59	56	34.76	114	80	53	0	0	2	0
PA MIDDLETOWN	68	44	73	37	56	-5	0.33	-0.41	0.33	8.61	232	36.22	117	97	58	0	0	1	0
PA PHILADELPHIA	67	49	75	41	58	-5	0.56	-0.11	0.55	7.96	222	37.73	117	88	56	0	0	2	1
PA PITTSBURGH	66	43	75	35	55	-4	0.16	-0.44	0.16	3.07	98	33.98	118	99	56	0	0	1	0
PA WILKES-BARRE	63	37	72	29	50	-7	0.13	-0.57	0.13	3.08	88	30.41	109	97	51	0	2	1	0
PA WILLIAMSPORT	65	40	72	33	52	-6	0.16	-0.59	0.16	3.29	92	34.66	112	98	61	0	0	1	0
RI PROVIDENCE	64	42	71	36	53	-6	0.28	-0.51	0.28	3.02	82	34.97	105	90	61	0	0	1	0
SC BEAUFORT	77	59	80	54	68	-5	0.00	-0.81	0.00	6.46	124	30.83	71	89	53	0	0	0	0
SC CHARLESTON	77	58	81	54	68	-4	0.00	-0.83	0.00	8.88	179	40.57	94	88	57	0	0	0	0
SC COLUMBIA	75	54	79	48	65	-4	0.00	-0.71	0.00	6.31	163	31.97	79	86	51	0	0	0	0
SD GREENVILLE	74	53	80	48	64	-2	0.00	-0.93	0.00	4.24	100	29.03	73	85	49	0	0	0	0
SD ABERDEEN	77	36	86	28	57	3	0.00	-0.36	0.00	0.51	26	19.22	116	90	41	0	2	0	0
SD HURON	82	43	90	33	63	8	0.06	-0.33	0.06	0.50	27	16.01	91	80	25	1	0	1	0
SD RAPID CITY	77	45	85	40	61	6	0.25	-0.03	0.25	0.70	53	15.39	105	62	27	0	0	1	0
SD SIOUX FALLS	78	44	86	39	61	6	0.23	-0.35	0.12	1.47	46	21.58	106	75	37	0	0	3	0
TN BRISTOL	71	43	77	41	57	-6	0.00	-0.68	0.00	1.74	51	31.50	98	98	45	0	0	0	0
TN CHATTANOOGA	77	51	83	47	64	-3	0.01	-0.84	0.01	3.60	83	38.42	94	90	48	0	0	1	0
TN KNOXVILLE	73	49	79	43	61	-4	0.00	-0.67	0.00	3.82	118	40.24	111	94	46	0	0	0	0
TN MEMPHIS	82	56	90	46	69	0	0.00	-0.71	0.00	1.08	29	27.03	70	82	34	1	0	0	0
TX NASHVILLE	76	51	85	42	63	-4	0.00	-0.67	0.00	1.90	52	32.35	90	91	45	0	0	0	0
TX ABILENE	86	55	99	39	71	-1	0.00	-0.69	0.00	1.08	32	11.30	58	55	30	2	0	0	0
TX AMARILLO	88	50	95	38	69	4	0.00	-0.37	0.00	0.03	1	12.02	70	40	16	3	0	0	0
TX AUSTIN	86	49	94	45	68	-8	0.00	-0.84	0.00	0.77	22	17.94	73	85	34	2	0	0	0
TX BEAUMONT	84	57	90	49	70	-5	0.01	-1.24	0.01	3.08	47	32.84	75	91	38	1	0	1	0
TX BROWNSVILLE	88	62	95	58	75	-4	0.00	-1.16	0.00	0.66	11	11.98	56	85	40	2	0	0	0
TX CORPUS CHRISTI	86	56	95	52	71	-7	0.00	-1.10	0.00	2.03	35	18.83	77	87	38	1	0	0	0
TX DEL RIO	87	56	96	49	71	-5	0.00	-0.66	0.00	1.32	44	9.66	66	68	34	2	0	0	0
TX EL PASO	90	59	95	50	74	4	0.00	-0.30	0.00	0.00	0	5.11	72	32	16	5	0	0	0
TX FORT WORTH	84	57	93	49	71	-2	0.00	-0.85	0.00	0.17	5	18.73	71	78	31	1	0	0	0
TX GALVESTON	81	66	86	58	73	-4	0.00	-1.06	0.00	6.28	102	21.83	67	83	49	0	0	0	0
TX HOUSTON	84	54	91	49	69	-5	0.00	-1.11	0.00	4.34	84	33.17	95	87	41	1	0	0	0
TX LUBBOCK	88	50	99	39	69	2	0.00	-0.55	0.00	0.00	0	15.83	101	45	20	3	0	0	0
TX MIDLAND	87	52	101	45	70	1	0.00	-0.56	0.00	0.00	0	6.05	50	45	20	2	0	0	0
TX SAN ANGELO	85	50	99	38	68	-3	0.00	-0.75	0.00	0.58	16	7.90	48	72	31	2	0	0	0
TX SAN ANTONIO	85	53	92	48	69	-6	0.00	-0.80	0.00	2.65	73	20.08	84	87	30	1	0	0	0
TX VICTORIA	88	54	95	48	71	-5	0.02	-1.14	0.01	1.48	25	24.27	82	93	34	4	0	2	0
TX WACO	84	52	92	44	68	-6	0.00	-0.87	0.00	1.11	30	22.89	93	91	38	1	0	0	0
TX WICHITA FALLS	88	53	102	44	71	0	0.00	-0.83	0.00	0.07	2	12.98	55	59	25	3	0	0	0
UT SALT LAKE CITY	75	50	81	44	63	3	0.00	-0.33	0.00	1.86	136	11.54	95	76	34	0	0	0	0
VT BURLINGTON	63	39	72	28	51	-3	0.25	-0.43	0.25	3.02	87	30.52	116	83	41	0	2	1	0
VA LYNCHBURG	69	45	76	41	57	-6	0.03	-0.77	0.01	4.06	117	32.03	103	10	56	0	0	3	0
VA NORFOLK	71	58	76	50	64	-3	0.41	-0.39	0.40	6.26	152	46.81	131	92	70	0	0	2	0
VA RICHMOND	69	50	77	47	60	-5	0.13	-0.64	0.12	3.63	102	39.13	117	95	61	0	0	2	0
VA ROANOKE	68	48	78	44	58	-4	0.03	-0.81	0.01	5.89	157	33.85	108	91	60	0	0	3	0
VA WASH/DULLES	67	44	76	39	56	-6	0.28	-0.45	0.28	4.22	119	32.41	106	94	57	0	0	1	0
WA OLYMPIA	69	43	79	34	56	2	0.82	0.14	0.47	2.04	83	29.79	98	98	72	0	0	4	0
WA QUILLAYUTE	64	44	76	36	54	0	2.52	0.83	1.89	5.61	104	66.79	103	10	85	0	0	6	1
WA SEATTLE-TACOMA	65	51	75	46	58	1	0.39	-0.15	0.27	1.16	57	19.88	89	93	75	0	0	3	0
WA SPOKANE	69	44	77	35	56	3	0.14	-0.03	0.08	0.98	126	11.74	107	82	34	0	0	2	0
WA YAKIMA	75	44	81	32	60	4	0.25	0.17	0.13	0.30	71	4.98	98	79	41	0	1	2	0
WV BECKLEY	64	44	71	39	54	-4	0.07	-0.65	0.04	6.25	177	35.73	111	98	72	0	0	4	0
WV CHARLESTON	70	46	79	45	58	-4	0.05	-0.62	0.04	2.89	85	34.40	105	10	57	0	0	2	0
WV ELKINS	66	41	73	38	54	-3	0.08	-0.69	0.04	8.89	224	39.96	114	99	53	0	0	5	0
WV HUNTINGTON	70	45	81	42	57	-6	0.06	-0.56	0.02	3.64	117	34.89	108	99	56	0	0	5	0
WI EAU CLAIRE	71	46	79	36	59	5	0.00	-0.74	0.00	9.88	241	35.47	133	92	43	0	0	0	0
WI GREEN BAY	67	44	74	33	55	1	0.01	-0.65	0.01	3.97	109	28.40	123	90	53	0	0	1	0
WI LA CROSSE	74	50	81	42	62	5	0.00	-0.71	0.00	1.64	41	27.02	106	81	39	0	0	0	0
WI MADISON	70	48	77	37	59	4	0.01	-0.62	0.01	3.60	102	36.22	145	79	53	0	0	1	0
WI MILWAUKEE	70	50	80	44	60	3	0.00	-0.67	0.00	7.04	198	39.31	152	75	51	0	0	0	0
WI CASPER	73	39	79	33	56	4	0.00	-0.24	0.00	1.65	165	9.78	96	74	33	0	0	0	0
WI CHEYENNE	72	42	78	33	57	4	0.02	-0.22	0.02	2.64	198	12.00	94	67	27	0	0	1	0
WI LANDER	73	41	78	33	57	4	0.00	-0.28	0.00	1.03	87	6.77	64	62	34	0	0	0	0
WI SHERIDAN	73	40	83	33	56	4	0.26	-0.06	0.26	1.18	81	12.29	104	77	35	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.

## September Weather: Selected Graphs



## National Agricultural Summary

September 25 - October 1, 2000

Weekly National Agricultural Summary provided by USDA/NASS

### HIGHLIGHTS

**The fall harvest season continued ahead of normal across most of the Nation, as most rain delays were limited to the southeastern Corn Belt and the central Atlantic Coastal Plains. Harvest lagged in the Great Lakes region due to slow ripening crops. Winter wheat seeding progressed where grower's could prepare**

**seedbeds. Moisture supplies remained short across most of the Great Plains, but were adequate for germinating seeds in the central High Plains. Fieldwork continued without delays in California and interior valleys of the Pacific Northwest.**

**Corn:** Ninety-two percent of the crop was mature, slightly ahead of last year and more than 1 week ahead of the 5-year average. Harvest advanced to 37 percent complete, well ahead of last year's rapid pace and more than double the 18-percent average for this date. Above-normal temperatures quickly ripened fields in the northern Great Plains and adjacent parts of the Corn Belt. In North Dakota, 29 percent of the acreage reached maturity during the week. Fields rapidly matured in Colorado and in the eastern Corn Belt, despite below-normal temperatures. In Michigan, development accelerated but ripening lagged far behind normal. Development also lagged in Pennsylvania. Progress was most advanced in Kansas, Tennessee, and Texas, where nearly 90 percent of the crop was harvested. More than three-fourths of the crop was harvested in Missouri, almost double the normal rate. In Nebraska, more than half of the acreage was harvested, far ahead of the 11-percent average. Rain limited progress along the Ohio Valley in the southern Corn Belt and on the Atlantic Coastal Plains. Progress lagged in the Great Lakes region due to slow ripening.

**Soybeans:** Ninety percent of the acreage was dropping leaves, 4 percentage points ahead of last year and more than 1 week ahead of normal. Harvest rapidly advanced to 37 percent complete, 10 percentage points ahead of last year and about 1 week ahead of the 21-percent average for this date. Fields rapidly matured in the Great Lakes region, eastern and southern Corn Belt, and lower Mississippi Valley, even though temperatures averaged below normal. In Wisconsin, acreage dropping leaves advanced 32 percentage points. In Michigan, more than 20 percent of the fields began shedding leaves during the week, but progress remained well behind normal. Acreage shedding leaves progressed 10 percentage points or more in Arkansas, Indiana, Kentucky, Missouri, Ohio, and Tennessee. Dry weather aided rapid progress across most of the Corn Belt and Great Plains. In Minnesota, the harvest advanced nearly 40 percentage points and was far ahead of the 27-percent average. Growers in Iowa and the Dakota's harvested more than one-fourth of the crop during the week. Harvest progress slowed in Kansas, but remained far ahead of normal. The harvest pace slowly gained momentum in Michigan and Ohio, but progress lagged more than 10 percentage points behind normal in both States. Harvest also lagged in Indiana, where rain hindered progress. Rain also limited progress in Illinois.

**Cotton:** Bolls were opening on 90 percent of the acreage, 4 percentage points ahead of last year and more than 1 week ahead of the 5-year average. Thirty-two percent of the crop was picked, ahead of last year's 25-percent pace and 1 week ahead of the 23-percent average for this date. Bolls were opening in virtually

all fields in the Mississippi Delta. Development remained far ahead of normal in the southern Great Plains, especially in Oklahoma, despite cooler-than-normal weather. Development lagged behind normal in the Atlantic Coastal Plains, especially in Virginia, due to persistent below-normal temperatures. Except for Arkansas, picking was most active in the Mississippi Delta States, where growers harvested nearly one-fifth of the crop during the week. Picking accelerated in Oklahoma and steadily advanced in Texas.

**Winter wheat:** Planting progressed to 34 percent complete, well behind last year's fast pace and about 1 week behind the 5-year average. Twelve percent was emerged, compared with 24 percent on this date last year and 10 percentage points behind the 5-year average. Hard, dry soils continued to limit seedbed preparations and planting progress in parts of the Great Plains, but planting remained active on the sandy soils of the central High Plains. In Nebraska, planting progress was equal to the 5-year average, while progress in Colorado was only slightly behind normal. Planting accelerated in parts of Kansas, Oklahoma, and Texas after rains softened soils and increased moisture supplies. Planting also accelerated in the northern Great Plains, but progress was 20 and 33 percentage points behind normal in South Dakota and Montana, respectively. Planting lagged slightly behind normal in the southern Corn Belt and well behind normal in the eastern Corn Belt. Wet weather hindered planting in North Carolina, while planting advanced ahead of normal in California and Oregon. Adequate moisture supplies aided germination and emergence in Colorado, Nebraska, and Washington, but emergence lagged in most areas of the Great Plains due to severe moisture shortages.

**Rice:** Seventy-five percent of the crop was harvested, slightly behind last year's pace, but equal to the average for this date. Harvest was complete along the western Gulf Coast, but remained active in interior areas of the Mississippi Delta. However, progress remained well behind normal in Mississippi. The harvest pace was slow in California, but progress remained slightly ahead of normal.

**Other Crops:** Ninety-two percent of the sorghum acreage was mature, and 73 percent was harvested. Fields quickly ripened in the Great Plains, especially in South Dakota. Harvest rapidly advanced in the southern Corn Belt and most of the Great Plains. Twenty-seven percent of the peanuts were harvested. Harvest lagged well behind last year and the average in inland areas of the Southeast, while progress exceeded last year and the average in the southern Great Plains. The sugar beet harvest was 13 percent complete in the four largest beet-producing States. Progress was slightly behind normal in Minnesota and North Dakota.

# Crop Progress and Condition

Week Ending October 1, 2000

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

Winter Wheat Percent Planted				
	Oct 1 2000	Prev Week	Prev Year	5-Yr Avg
AR	2	0	2	3
CA	10	5	1	0
CO	77	58	85	78
ID	48	30	35	44
IL	4	2	6	5
IN	8	4	16	14
KS	25	10	52	39
MI	21	17	30	29
MO	9	3	11	10
MT	25	14	67	58
NE	81	65	89	81
NC	10	9	10	10
OH	6	2	26	17
OK	23	12	49	35
OR	29	10	1	22
SD	61	44	75	81
TX	38	22	47	52
WA	71	46	76	76
18 Sts	34	21	49	44

These 18 States planted 90% of last year's winter wheat acreage.

Soybeans Percent Dropping Leaves				
	Oct 1 2000	Prev Week	Prev Year	5-Yr Avg
AR	63	44	45	38
IL	92	83	87	78
IN	95	85	99	89
IA	99	95	91	87
KS	100	97	74	78
KY	68	54	81	57
LA	91	83	89	78
MI	60	39	98	79
MN	99	93	95	95
MS	92	86	91	79
MO	82	68	73	61
NE	99	96	90	87
NC	30	23	33	29
ND	99	94	84	94
OH	87	74	99	84
SD	98	96	89	92
TN	60	45	70	58
WI	87	55	89	80
18 Sts	90	81	86	79

These 18 States planted 95% of last year's soybean acreage.

Corn Percent Mature				
	Oct 1 2000	Prev Week	Prev Year	5-Yr Avg
CO	85	65	66	64
IL	99	94	97	83
IN	94	80	98	82
IA	100	98	99	89
KS	100	100	87	86
KY	97	96	100	89
MI	41	19	92	66
MN	98	91	90	81
MO	100	96	96	88
NE	99	93	89	81
NC	100	95	99	99
ND	87	58	74	85
OH	67	44	89	58
PA	41	31	53	52
SD	91	77	72	75
TN	100	99	100	97
TX	100	99	98	96
WI	69	48	88	68
18 Sts	92	84	91	81

These 18 States planted 92% of last year's corn acreage.

Winter Wheat Percent Emerged				
	Oct 1 2000	Prev Week	Prev Year	5-Yr Avg
AR	0	NA	0	1
CA	0	NA	0	0
CO	52	NA	52	49
ID	11	NA	11	14
IL	0	NA	0	1
IN	0	NA	1	2
KS	7	NA	20	16
MI	2	NA	4	5
MO	1	NA	0	1
MT	2	NA	25	18
NE	42	NA	55	52
NC	2	NA	1	0
OH	0	NA	1	1
OK	0	NA	22	12
OR	3	NA	0	7
SD	20	NA	39	51
TX	7	NA	27	28
WA	48	NA	53	58
18 Sts	12	NA	24	22

These 18 States planted 90% of last year's winter wheat acreage.

Soybeans Percent Harvested				
	Oct 1 2000	Prev Week	Prev Year	5-Yr Avg
AR	19	13	18	12
IL	30	19	28	23
IN	21	13	45	27
IA	49	23	25	23
KS	65	52	9	10
KY	15	5	38	14
LA	66	58	58	46
MI	4	1	25	15
MN	72	33	25	27
MS	62	51	58	45
MO	30	15	16	10
NE	40	18	22	16
NC	0	0	6	3
ND	49	19	17	45
OH	11	5	44	25
SD	44	16	14	16
TN	17	8	23	8
WI	16	5	22	13
18 Sts	37	20	27	21

These 18 States harvested 95% of last year's soybean acreage.

Corn Percent Harvested				
	Oct 1 2000	Prev Week	Prev Year	5-Yr Avg
CO	18	11	8	6
IL	44	31	39	21
IN	22	14	36	17
IA	38	21	15	10
KS	88	78	37	33
KY	64	50	88	55
MI	4	1	14	11
MN	12	6	7	10
MO	78	67	54	40
NE	52	30	15	11
NC	70	55	63	73
ND	4	1	2	10
OH	6	3	23	10
PA	9	7	16	14
SD	17	10	10	8
TN	88	76	97	81
TX	88	83	81	81
WI	7	0	14	9
18 Sts	37	25	26	18

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

# Crop Progress and Condition

Week Ending October 1, 2000

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

Cotton Percent Bolls Opening				
	Oct 1 2000	Prev Week	Prev Year	5-Yr Avg
AL	94	87	87	82
AZ	100	100	99	99
AR	96	93	95	91
CA	87	85	77	87
GA	85	76	83	82
LA	100	99	99	98
MS	100	98	100	96
MO	100	90	100	92
NC	75	63	83	86
OK	93	82	92	59
SC	77	66	78	80
TN	100	100	100	96
TX	89	78	80	69
VA	47	37	70	78
14 Sts	90	82	86	80

These 14 States planted 99% of last year's cotton acreage.

Sorghum Percent Mature				
	Oct 1 2000	Prev Week	Prev Year	5-Yr Avg
AR	99	98	100	97
CO	40	28	37	29
IL	85	80	84	55
KS	97	91	67	60
LA	100	100	100	100
MO	95	91	78	73
NE	95	90	69	70
NM	36	27	16	16
OK	67	56	64	47
SD	75	52	65	75
TX	95	93	83	84
11 Sts	92	87	73	69

These 11 States planted 98% of last year's sorghum acreage.

Rice Percent Harvested				
	Oct 1 2000	Prev Week	Prev Year	5-Yr Avg
AR	77	63	84	76
CA	32	30	23	31
LA	100	96	99	97
MS	72	56	80	84
TX	100	99	99	96
5 Sts	75	66	78	75

These 5 States harvested 95% of last year's rice acreage.

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

NA - Not Available  
 \* - Revised

Cotton Percent Harvested				
	Oct 1 2000	Prev Week	Prev Year	5-Yr Avg
AL	27	21	30	23
AZ	21	15	8	15
AR	34	23	36	21
CA	3	0	1	5
GA	10	6	16	17
LA	74	57	61	44
MS	63	44	47	38
MO	44	26	54	25
NC	3	2	1	8
OK	18	8	5	4
SC	11	7	11	15
TN	42	25	42	24
TX	35	27	23	25
VA	2	0	2	9
14 Sts	32	23	25	23

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

Sorghum Percent Harvested				
	Oct 1 2000	Prev Week	Prev Year	5-Yr Avg
AR	93	91	95	84
CO	20	3	9	3
IL	13	8	18	6
KS	75	61	17	15
LA	99	98	99	96
MO	62	46	48	33
NE	64	49	6	5
NM	2	1	1	0
OK	48	33	15	12
SD	26	16	12	11
TX	84	81	79	68
11 Sts	73	64	42	36

These 11 States harvested 98% of last year's sorghum acreage.

Corn Crop Condition by Percent					
	VP	P	F	G	EX
CO	6	14	32	39	9
IL	1	7	22	47	23
IN	1	5	22	54	18
IA	3	8	25	50	14
KS	9	15	30	39	7
KY	0	4	18	45	33
MI	3	7	18	62	10
MN	1	4	27	53	15
MO	0	2	19	52	27
NE	17	14	35	24	10
NC	1	2	17	65	15
ND	4	6	19	56	15
OH	2	6	22	49	21
PA	1	5	15	44	35
SD	4	10	23	42	21
TN	6	11	24	38	21
TX	0	4	30	55	11
WI	2	4	22	52	20
18 Sts	4	8	25	46	17
Prev Wk	4	8	25	46	17
Prev Yr	4	9	27	45	15

Sugar Beets Percent Harvested				
	Oct 1 2000	Prev Week	Prev Year	5-Yr Avg
ID	15	NA	13	10
MI	2	NA	NA	NA
MN	16	NA	23	18
ND	16	NA	26	19
4 Sts	13	NA	NA	NA

These 4 States harvested 73% of last year's sugar beet acreage.

Peanuts Percent Harvested				
	Oct 1 2000	Prev Week	Prev Year	5-Yr Avg
AL	34	17	55	49
FL	40	35	64	NA
GA	25	15	48	47
NC	9	5	9	12
OK	17	7	6	8
TX	29	*26	17	16
VA	42	15	25	31
7 Sts	27	18	37	NA

These 7 States harvested 98% of last year's peanut acreage.

# Crop Progress and Condition

Week Ending October 1, 2000

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

Soybeans Crop Condition by Percent					
	VP	P	F	G	EX
AR	19	25	29	22	5
IL	2	6	26	52	14
IN	2	6	26	53	13
IA	3	11	28	49	9
KS	27	34	26	12	1
KY	0	2	23	50	25
LA	34	30	27	9	0
MI	2	7	25	59	7
MN	2	7	30	51	10
MS	16	22	32	24	6
MO	5	13	32	39	11
NE	19	24	34	19	4
NC	1	3	17	67	12
ND	7	13	25	47	8
OH	3	10	28	43	16
SD	2	9	25	44	20
TN	10	24	35	28	3
WI	1	5	29	51	14
18 Sts	6	12	28	43	11
Prev Wk	7	12	29	42	10
Prev Yr	9	15	32	35	9

Cotton Crop Condition by Percent					
	VP	P	F	G	EX
AL	23	32	32	13	0
AZ	0	3	18	53	26
AR	4	18	38	34	6
CA	0	0	15	75	10
GA	11	22	38	25	4
LA	29	26	24	20	1
MS	16	21	35	25	3
MO	0	13	32	48	7
NC	1	4	33	55	7
OK	24	22	20	26	8
SC	1	9	43	42	5
TN	3	14	42	38	3
TX	25	24	32	17	2
VA	0	8	12	57	23
14 Sts	16	19	32	29	4
Prev Wk	15	19	31	30	5
Prev Yr	8	22	31	32	7

Peanuts Crop Condition by Percent					
	VP	P	F	G	EX
AL	43	44	12	1	0
FL	0	0	68	32	0
GA	8	14	34	36	8
NC	2	6	38	50	4
OK	17	27	36	17	3
TX	14	15	29	38	4
VA	0	7	18	63	12
7 Sts	13	17	32	33	5
Prev Wk	15	17	30	33	5
Prev Yr	8	15	35	33	9

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

NA - Not Available  
 \* - Revised

Pasture and Range Crop Condition by Percent											
Week Ending October 1, 2000											
	VP	P	F	G	EX		VP	P	F	G	EX
AL	23	31	35	11	0	NH	0	5	20	75	0
AZ	8	28	41	21	2	NJ	0	0	0	64	36
AR	31	50	17	2	0	NM	30	40	25	5	0
CA	20	20	50	10	0	NY	0	0	0	71	29
CO	20	22	48	10	0	NC	1	5	23	64	7
CT	0	0	23	77	0	ND	11	18	37	31	3
DE	0	2	10	83	5	OH	1	4	23	56	16
FL	0	0	30	70	0	OK	31	39	27	3	0
GA	4	12	38	42	4	OR	2	28	43	23	4
ID	25	41	30	4	0	PA	6	15	19	54	6
IL	2	9	33	48	8	RI	0	0	22	50	28
IN	1	4	27	55	13	SC	0	5	41	50	4
IA	17	24	34	20	5	SD	13	24	34	24	5
KS	28	41	26	5	0	TN	14	23	36	23	4
KY	1	6	23	58	12	TX	36	36	24	4	0
LA	27	34	26	13	0	UT	16	42	33	9	0
ME	0	6	19	55	20	VT	0	7	51	32	10
MD	1	2	5	58	34	VA	0	2	12	63	23
MA	0	5	6	89	0	WA	1	41	36	22	0
MI	4	8	31	52	5	WV	0	0	12	65	23
MN	6	21	36	32	5	WI	2	7	34	51	6
MS	30	32	25	11	2	WY	32	41	22	5	0
MO	25	33	27	14	1	48 Sts	20	25	30	22	3
MT	39	33	24	4	0	Prev Wk	23	25	27	22	3
NE	59	28	10	3	0	Prev Yr	14	21	31	30	4
NV	13	15	25	47	0						

## 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 6.1. Topsoil 24% very short, 32% short, 43% adequate, d 1% surplus. Corn 95% harvested, 80% 1999, 86% 5 yr avg. Soybeans 98% setting pods, 91% 1999, 98% 5 yr avg.; 62% dropping leaves, 58% 1999, 56% 5 yr avg.; 14% harvested, 19% 1999, 9% 5 yr avg.; 36% very poor, 38% poor, 21% fair, 5% good. Pasture feed 23% very poor, 31% poor, 35% fair, 11% good. Livestock feed 7% very poor, 20% poor, 46% fair, 26% good, 1% excellent. Some small grains are emerging as conditions for growth remain positive. Cool weather has slowed cotton development. Rains are still needed. Cool season annuals are being planted for grazing where there is adequate moisture to bring them up.

**ALASKA:** Days suitable for fieldwork 2.9. Topsoil 60% adequate, 40% surplus. Subsoil moisture 5% short, 80% adequate, 15% surplus. Rain, snow fell over the State early in the week which caused harvest delays. Drier conditions the rest of the week allowed producers to continue with their fall activities. High temperatures ranged from the fifties early in the week to the thirties by the end of the week. Lows averaged from the mid-forties early in the week to the low twenties by the end of the week. Barley 90% harvested, 93% 1999, 96% avg. Oats 65% harvested, 85% 1999, 87% avg. Potato 95% harvest, 91% 1999, 91% avg. Hay harvest 70% 2nd cutting, 60% 1999, 69% avg. While some fields were harvested, many more were cut last week. Straw supplies, 85% short, 15% adequate. Heavy snows halted field activities in the Delta Junction area. Major farming activities for the week included: Cutting, harvesting hay, harvesting small grains, harvesting potatoes, preparing for winter.

**ARIZONA:** Area recorded above average temperatures with light precipitation throughout the state during the week of October 1. Warmer temperatures have helped cotton to progress ahead of normal. Range, pasture feeds continue to suffer from lack of substantial precipitation in many areas.

**ARKANSAS:** Days suitable for fieldwork: 6.0. Soil moisture 18% very short, 40% short, 41% adequate, 1% surplus. Rice 98% ripe ; 77% harvest, 84% 1999, 76% 5 yr. avg. Sorghum 99% mature, 100% 1999, 97% 5 yr. avg.; 93% harvest, 95% 1999, 84% 5 yr. avg. Cotton 96% opening bolls, 95% 1999, 91% 5 yr avg.; 34% harvest, 36% 1999, 21% 5 yr avg.; 4% very poor, 18% poor, 38% fair, 34% good, 6% excellent. Soybean 63% shedding, 45% 1999, 38% 5 yr. avg.; 34% mature; 19% harvest, 18% 1999, 12% 5 yr. avg.; 19% very poor, 25% poor, 29% fair, 22% good, 5% excellent. Corn 98% harvest, 97% 1999, 95% 5 yr. avg.; Alfalfa Hay 8% very poor, 32% poor, 54% fair, 6% good, 0% excellent; Other Hay 22% very poor, 48% poor, 24% fair, 5% good, 1% excellent. Pasture, Range feeds 31% very poor, 50% poor, 17% fair, 2% good, 0% excellent. CROPS: Wheat planted began. Rice, sorghum, soybean, cotton harvest continued with corn harvest near completion. Full season soybeans were still being irrigated. Some farmers were preparing to seed cool season crops such as wheat, ryegrass, oats while others were waiting for moisture conditions to improve. Additional activities included: Knocking down rice levees, rolling rice stubble. LIVESTOCK: Cooler temperatures continued giving relief to livestock, poultry. Livestock were in fair condition. Farmers were weaning calves. Pasture feeds across the state were improving. Selling-off of some cows, light calves continued due to lack of forage, supplemental feeding of hay was reported in many counties. Cattle were still being treated for flies, external parasites. Many reports are received on Friday, may not reflect conditional changes due to weekend weather.

**CALIFORNIA:** Cotton bolls continued to set, open in many fields. The cotton harvest began in a few fields. Applications of defoliants on other fields continued, with several early defoliated fields being prepared for seed harvesting. Some fields received a second defoliant application. Alfalfa hay continued to be cut, dried, baled. Alfalfa stubble was burned to reduce populations of insect pests. Sudan hay was baled in some fields. Corn for grain and/or silage was still being harvested. Several corn fields were sprayed for weeds. Growers continued to pre-irrigate,

prepare fields for winter wheat or forage planting. A small amount of winter wheat fields were already planted. A few black-eyed bean fields were being harvested. Sugar beets were harvested, while occasional fields were treated with insecticides. Rice harvest continued. Vineyards, fruit orchards were undergoing weed control, fungicide applications, irrigation. Picking of grapes for fresh consumption was active in the San Joaquin Valley. Red Globe, Thompson Seedless, Crimson, Ruby Seedless were the primary varieties picked. Wine grape harvest was active. Nearly all of the grapes for raisins were harvested with 20% on open trays, 40% rolled, 40% picked up. Harvest of freestone peaches, nectarines, plums, prunes was virtually complete. Winter pear picking was active in the San Joaquin Valley. Pomegranate harvesting continued. Fuji, Granny Smith apple picking continued. Olive growers were trapping, spraying for the olive fruit fly. Harvest of olives was also active. Kiwifruit harvest was active. Picking of grapefruit was active in the San Joaquin Valley. Lemon harvest was active in southern state. The harvest of Valencia oranges slowed in southern state, the San Joaquin Valley in response to market conditions. Lemon picking was active in southern state. Raspberries were harvested in the Tehachapi area. Strawberry picking continued. Almond harvest gathered momentum as later variety trees were now being shaken. Walnut, pistachio harvests continued. Broccoli, cauliflower, spinach progressed normally. Onion, processing tomato harvests continued. Some processing tomato fields were disced after harvest. Fall sweet corn picking began. Some fields were prepared for fall plantings of various vegetables in Kings County. Garlic harvest was finalized in the Salinas Valley. Fall lettuce harvest was in full swing with some insect damage showing. Other lettuce fields have emerged and were being irrigated, weeded, sprayed to control for damaging insects in the San Joaquin Valley. Planting of winter lettuce, broccoli, cauliflower began. Insecticide, fungicide applications continued in tomato, cauliflower, cantaloupe fields. Pumpkin harvest began in the San Joaquin Valley. The following vegetables were also harvested this week: basil; bok choy; carrots; radishes; cilantro; green onions; honeydew; mixed melons; eggplant; cucumbers; okra; parsley; bell, sweet, chili peppers; kabocha, scalloped, yellow crookneck, zucchini squash; cherry tomatoes; watermelons. Cattle continued to be moved onto foothill, winter pastures from summer pastures. Some lower elevation ranch feed conditions are poor, therefore supplemental feeding is necessary. Fall calving continued, increasing the need for supplemental nutrients to lactating cows. Favorable weather conditions slightly improved milk production. Sheep grazing continued on sudan grass, alfalfa fields in the Imperial Valley.

**COLORADO:** Days suitable for fieldwork 5.9. Topsoil 13% very short, 37% short, 48% adequate, 2% surplus. Subsoil moisture 32% very short, 38% short, 28% adequate, 2% surplus. Warm weather returned to most areas of the state with rain early in the week replaced by warm, dry conditions for the rest of the week. Dry onions 84% harvested, 78% 1999, 85% avg. Sugar beets 3% harvested, 9% 1999, 8% avg.; 4% very poor, 8% poor, 12% fair, 56% good, 20% excellent. Summer potatoes 87% harvested, 94% 1999, 89% avg. Fall potatoes 75% harvested, 65% 1999, 60% avg. Dry beans 100% cut, 94% 1999, 89% avg.; 89% harvested, 73% 1999, 72% avg. Winter wheat 77% seeded, 85% 1999, 78% avg.; 52% emerged, 52% 1999, 49% avg. Spring wheat 99% harvested, 90% 1999, 93% avg. Alfalfa 88% 3<sup>rd</sup> cutting, 80% 1999, 80% avg.; 39% 4<sup>th</sup> cutting, 24% 1999, 17% avg.

**DELAWARE:** Days suitable for fieldwork 4.0. Topsoil 91% adequate, 9% surplus. Subsoil moisture 2% short, 93% adequate, 5% surplus. Field corn 73% mature, 86% 1999, 81% avg.; 37% harvested for grain, 51% 1999, 45% avg. Corn harvested for silage 83% harvested, 79% 1999, 87% avg. Soybeans 52% turning color, 39% 1999, 53% avg.; 32% shedding leaves, 19% 1999, 33% avg. Sorghum 17% fair, 68% good, 15% excellent; 80% turning, 73% 1999, 75% avg.; 40% mature, 33% 1999, 47% avg. Pasture feed 2% poor, 10% fair, 83% good, 5% excellent. Corn 7% fair, 55% good, 38% excellent. Soybean 10% fair, 52% good, 38% excellent. Hay supplies 2% very short, 10% short, 88% adequate. Percent of cutting hay crop harvest; clover, other hays, 4<sup>th</sup> cutting 47% cut, 44% 1999, 45% avg. Alfalfa 4<sup>th</sup> cutting 73% cut, 64% 1999, 70% avg.

Alfalfa 12% 5<sup>th</sup> cutting cut, 11% 1999, 2% avg. Activities: Showers last Monday, rain all day Tuesday came out to as much as 4-5 inches Sat. through Tuesday. Water still standing in some spots at end of week. The rest of the week was clear, a slight warming trend. Corn harvesting resumed Thursday, lima harvest continues.

**FLORIDA:** Strong winds from Atlantic brought significant rainfall to many eastern coastal localities. Daytona Beach recorded about 4.75 in. of rain for week; Vero Beach, 3.75 in.; Hastings, about 2.25; Jacksonville, West Palm Beach, over 2.00. Most inland localities received from less than 0.25 to almost 0.50 in. Homestead reported 2.33 in. with most falling in northern areas of Dade County. Cooler temperatures felt over northern parts with the weekly temperatures averaging 1 to 3<sup>o</sup>. below normal. Southern, central temperatures averaged 1 to 3<sup>o</sup>. above usual. Daytime highs mostly in 80s; nighttime lows, 60s, 70s. Pensacola, Tallahassee had at least one daily low in 50s. Moisture adequate with scattered areas of short or surplus moisture. Cotton harvest active. Tobacco marketing active. Sugarcane in good condition. Haying active. Corn for grain harvest winding down. Forty percent of peanuts reported harvested. Peanut crop ; 68% fair, 32% good. Mostly mild conditions over major vegetable regions allowed fieldwork to progress on schedule. Tomato picking began, Quincy area. Dade County producers harvesting okra. Abundant rain citrus area, groves in good condition, a lot of new growth. Some fruit splitting from the excessive moisture. Good on-tree color break for some early fruit. Fresh fruit shipments increasing on early oranges, grapefruit, early tangerines. Caretakers cutting cover crops, spraying, fertilizing, hedging, topping, burning grove trash. Pasture feed 30% fair, 70% good. Cattle 25% fair, 75% good. Panhandle: pasture, livestock in good shape. Stock ponds some locations still dry as rainfall has been minimal. North: armyworms active, armyworm moths reported. Central: pasture green, growing, but stock ponds still low. Some pastures have standing water. Southwest: pasture good, cattle, calves fair to good.

**GEORGIA:** Days suitable for field work 5.6. Soil moisture 3% very short, 14% short, 73% adequate, 10% surplus. Hay 3% very poor, 11% poor, 43% fair, 39% good, 4% excellent. Peanuts 40% dug, 65% 1999, 63% avg. Rye 13% planted, 18% 1999, 16% avg. Sorghum 19% very poor, 23% poor, 36% fair, 21% good, 1% excellent; 36% harvested for grain, 66% 1999, 52% avg. Other small grains 9% planted, 15% 1999, 9% avg. Apples 63% harvested, 55% 1999, 68% avg. Pecans 10% very poor, 15% poor, 37% fair, 33% good, 5% excellent; 0% harvested, 1% 1999, 1% avg. Rainfall from previous week followed by cooler temperatures revived pastures but slowed maturity of peanuts, cotton in north state. Farmers returned to field work as the ground dried. Fields in the upper half of the State dried out sooner which allowed work to begin early in the week. By mid-week, fields in lower half of the State dried out, farmers began to harvest peanuts, cotton. Defoliating of cotton continued as weather permitted. Armyworms in pastures declined due to cooler temperatures. Corn harvest was nearly complete. Some pastures were being planted. Wheat planting was just getting underway. Planting preparation for small grains continued. Soybean harvest has been active. Apples harvest continued. No reports of pecans being harvested but crop condition mostly fair to good.

**HAWAII:** Lack of tradewinds brought hot, humid weather throughout the State. Light to moderate showers were beneficial, but irrigation remained heavy in most areas. Banana, papaya harvesting will remain steady. Papaya orchards were in mostly fair to good condition, but virus infection was increasing in older fields. Head cabbage fields were in mostly fair to good condition. Harvesting was of moderate to heavy volume. Ample moisture benefitted ginger growth.

**IDAHO:** Days suitable for field work 6.7. Topsoil 19% very short, 41% short, 40% adequate. September ends with above normal temperatures, excellent harvest conditions. Precipitation was scattered across the state, with minor delays in fall grain seeding in northern areas. Irrigation supply 14% excellent, 24% good, 27% fair, 24% poor, 11% very poor. Onions 52% harvested, 72% 1999, 66% avg. Potato vines 99% dying/killed, 94% 1999, 95% avg.; 39% harvested, 33% 1999, 31% avg. Dry beans 88% harvested, 92% 1999, 82% avg. Peaches 98% harvested, 98% 1999, 96% avg. Prunes, plums 96% harvested, 88% 1999, 87% avg. Apples 34% harvested, 18% 1999, 26% avg. Sweet corn 95% harvested, 95% 1999, 93% avg.; 70% harvested for silage, 67% 1999, 61% avg.; 5% harvested for grain, 5% 1999, 4% avg. Mint 90% 2<sup>nd</sup> cutting. Alfalfa hay 94% 3<sup>rd</sup> cutting harvested, 93% 1999, 85% avg. Sugarbeets 15%

harvested, 13% 1999, 10% avg. Winter wheat 48% planted, 35% 1999, 44% avg.; 11% emerged, 11% 1999, 14% avg. Activities: Monitoring for disease, planting winter wheat, killing potato vines, fall field work, digging early sugarbeets, harvesting hay, mint, sweet corn, potatoes, dry beans, corn for silage, corn for grain, fruit.

**ILLINOIS:** Days suitable for fieldwork 4.6. Topsoil 2% very short, 14% short, 71% adequate, 13% surplus. Soybeans 98% turning yellow, 97% 1999, 93% avg. Weekend rains slowed harvest progress, delayed the opening day of the Farm Progress Show near Cantrall until Wednesday. Weather conditions after the rains were ideal for drying down the crops. Priority was given to harvesting the worst lodged corn fields first, then switching to soybeans as the week progressed. Downed soybeans were slowing harvest, raising losses in the West Southwest District. Rains fell most everywhere across the state but were heaviest in the south where soil conditions were becoming soft. Corn stalk quality continues to be a great concern in every area of the state with the excess moisture which fell the last three months as one of the main culprits. Several corn reels were being installed to pick up the downed corn with one farmer reportedly putting his grain platform on to harvest his worst lodged corn field! Other activities last week included: Filling out LDP paperwork, chisel plowing, chopping silage, baling hay, sowing wheat, attending the Farm Progress Show.

**INDIANA:** Days suitable for fieldwork 4.1. Topsoil 1% very short, 5% short, 76% adequate, 18% surplus. Subsoil 6% very short, 15% short, 69% adequate, 10% surplus. Corn, soybean harvest in full swing by mid-week. Corn harvest 3 days ahead of avg. Soybean harvest 3 days behind avg. Corn stalks are weak, corn going down in many fields. Farmers are very concerned about lodging problems. Tobacco harvest winding down. Tillage of soils underway in some fields. Preparing soils, seeding winter wheat continued. Wheat seeding behind normal. Precipitation averaged 0.01 to 2.79 inches. Temperatures averaged 3E to 9E below normal. Range, pasture 1% very poor, 4% poor, 27% fair, 55% good, 13% excellent. Soybeans 76% mature, 87% 1999, 68% avg. Tobacco 94% harvest, 95% 1999, 86% avg. Major activities: hauling grain to market, tilling soils, seeding winter wheat, preparing equipment for fall harvest, hauling manure, caring for livestock.

**IOWA:** Days suitable for field work 5.9. Topsoil 31% very short, 32% short, 36% adequate, 1% surplus. Subsoil moisture 37% very short, 40% short, 23% adequate. Harvest making rapid progress across much of state. Almost half of soybean acreage harvested as of Sunday; producers in north central, central, south west districts expect to complete soybean harvest by next week. Reporters in northwest state indicated hail damage shattered some soybeans causing significant loss. Corn harvest over one third complete, elevators starting to fill up. Some 1999 corn being piled outside to make room for 2000 crop. Much of central, lower third of state remain dry. Rains in south central, southeast districts over the weekend helped to eliminate fire hazards but some creeks still dry. Corn 38% harvested, 15% 1999, 10% avg. Percent moisture of all field corn 19% avg.; 16% harvested avg.; lodging 27% none, 36% light, 29% moderate, 8% heavy, ear droppage 40% none, 39% light, 19% moderate, 2% heavy, 3% very poor, 8% poor, 25% fair, 50% good, 14% excellent. Soybean 99% dropping leaves, 91% 1999, 87% avg.; 49% harvested, 25% 1999, 23% avg. Soybean 49% lodging none, 37% light, 12% moderate, 2% heavy, 44% shattering none, 39% light, 15% moderate, 2% heavy, 3% very poor, 11% poor, 28% fair, 49% good, 9% excellent. Winter wheat 43% planted, 31% 1999, 36% avg. Range, pasture feed 17% very poor, 24% poor, 34% fair, 20% good, 5% excellent. Livestock remain in good condition. Pastures in southeast state greening up again after recent rain.

**KANSAS:** Days suitable for fieldwork 6.0. Topsoil 54% very short, 33% short, 13% adequate. Subsoil moisture 60% very short, 33% short, 7% adequate. Winter wheat planting behind normal due to dry soil conditions. Sunflower ray flowers 99% dry, 99% 1999, 98% bracts yellow, 87% 1999, 70% dry-down, 55% 1999, 53% harvest, 11% 1999, 5% very poor, 18% poor, 39% fair, 37% good, 1% excellent. Alfalfa 82% 4<sup>th</sup> Cutting, 90% 1999, 78% avg.

**KENTUCKY:** Days suitable for fieldwork 4.0. Topsoil 2% very short, 14% short, 71% adequate, 13% surplus. Subsoil moisture 10% very short, 19% short, 63% adequate, 8% surplus. Below normal temperatures. Rainfall was above normal. Corn 64% harvest, 88% 1999, 55% avg. Soybean 15% harvest, 38% 1999, 14% avg. Burley 96% cut, 96% 1999, 90% avg. Dark

tobacco 96% cut, 97% 1999, 92% avg. Housed tobacco 2% very poor, 4% poor, 22% fair, 53% good, 19% very good. Tobacco 4% stripped, 23% ready for stripping, 73% not ready for stripping. Pasture feed 1% very poor, 6% poor, 23% fair, 58% good, 12% excellent.

**LOUISIANA:** Days suitable for fieldwork 6.5. Soil moisture 30% very short, 42% short, 28% adequate. Cotton harvest was in full swing. Hay 98% final cutting, 92% 1999, 91% avg. Rice producers were preparing for the second harvest. Soybeans 98% leaves turning, 99% 1999, 93% avg. Soybeans were suffering due to the drought, disease problems. Insects were also a problem in some areas. Sugarcane 5% very poor, 14% poor, 44% fair, 34% good, 3% excellent; 99% planted, 100% 1999, 87% avg.; 7% harvested, 6% 1999, 2% avg. Sugarcane harvest was in full swing. Sweet Potatoes 46% harvested, 57% 1999, 53% avg. Sweet potato weevil pressure was heavy in some areas. Wheat 5% planted, 4% 1999, 7% avg. Livestock 6% very poor, 21% poor, 39% fair, 31% good, 3% excellent. Vegetables 16% very poor, 35% poor, 33% fair, 15% good, 1% excellent. Strawberry producers were preparing for planting. Cabbage producers were spraying to control worms. Fall pastures were being plowed in preparation to plant rye grass.

**MARYLAND:** Days suitable for fieldwork 4.0. Topsoil 1% short, 88% adequate, 11% surplus. Subsoil moisture 2% very short, 6% short, 84% adequate, 8% surplus. Lima beans 72% harvested, 95% 1999, 84% avg. Soybeans 62% turned, 59% 1999, 66% avg.; 32% shedding leaves, 40% 1999, 41% avg. Sorghum 80% good, 20% excellent; 85% turning color, 87% 1999, 84% avg.; 41% mature, 31% 1999, 46% avg.; 20% harvested, 26% 1999, 19% avg. Field corn 87% mature, 85% 1999, 84% avg.; 22% harvested for grain, 42% 1999, 39% avg.; 76% harvested for silage, 81% 1999, 82% avg. Pasture feed 1% very poor, 2% poor, 5% fair, 58% good, 34% excellent. Corn 1% very poor, 1% poor, 4% fair, 48% good, 46% excellent. Soybean 2% very poor, 7% poor, 17% fair, 48% good, 26% excellent. All hay supplies 1% very short, 2% short, 78% adequate, 19% surplus. Hay crop 57% 4<sup>th</sup> harvest cut, 71% 1999, 56% avg.; Alfalfa 75% 4<sup>th</sup> cut, 50% 1999, 71% avg.; 10% 5<sup>th</sup> cutting cut, 14% 1999, 7% avg. Comments: The fourth cutting hay is rare due to the wet weather that has limited most farmers to the third cutting.

**MICHIGAN:** Days suitable for fieldwork 6.0. Topsoil 1% very short, 3% short, 77% adequate, 19% surplus. Subsoil 2% very short, 12% short, 72% adequate, 14% surplus. All Hay 0% very poor, 6% poor, 22% fair, 60% good, 12% excellent. Drybeans 9% very poor, 25% poor, 38% fair, 23% good, 5% excellent. All Hay 83% 3rd cutting, 99% 1999, 91% avg.; 22% 4th cutting, 54% 1999, 37% avg. Corn 87% dent, 100% 1999, 93% avg. Drybeans 83% shedding leaves, 100% 1999, 99% avg.; 60% mature, 100% 1999, 92% avg.; 39% harvested, 92% 1999, 73% avg. Silage 58% harvested, 91% 1999, 70% avg. Soybeans 91% turning leaves, 100% 1999, 94% avg.; 30% mature, 89% 1999, 55% avg. Dry, clear weather helped advance crops. Weather ideal to dry soils, get harvest underway. Crops remain behind 5-yr maturity avg. Season total growing degree days (GDD) continued to lag normal Thumb; however, most of this area has yet to see a frost. Much of Lower Peninsula has not seen a killing frost. Frost central Lower Peninsula expanded area of State which has reached end of growing season. District precipitation for week ranged from none most of Lower Peninsula to 0.16 eastern Upper Peninsula. Temperatures again below normal most of Lower Peninsula. Dry weather for most of state resulted excellent week for crop progress, but fields some areas still too wet to work in. Overall, corn looked good, but some fields still need more warm weather to mature. Some corn stalks breaking off above ear. Soybeans turning fast, but some fields still too wet. Soybeans that harvested showed effects of wet weather, white mold, Japanese beetle infestations. Dry bean harvest well underway. Alfalfa harvest slowed a few areas as producers waited for crop to dry out. Sugarbeets great condition, harvest began. Celery harvest continued with good quality. Harvest continued on carrots. Potato harvest continued with good yield, quality. Pumpkins continued to mature with some good yields. Cauliflower harvest continued. Apple harvest continued for McIntosh, Jonathon, Cortland varieties. Fall raspberry harvest completed. Harvest of Concord grapes began.

**MINNESOTA:** Days suitable for fieldwork 6.0. Topsoil 26% very short, 32% short, 37% adequate, 5% surplus. Soybeans 99% mature, 77% 1999, 74% avg.; 11% moisture content, 12% 1999, 13% avg. Corn 21% moisture content, 23% 1999, 25% avg. Rye 93% seeded, 91% 1999, 93% avg. Potatoes 72% harvested, 48% 1999, 56% avg. Sunflowers 5% harvested, 4% 1999, 14% avg. Grain/hay 78% stubble plowed, 73%

1999, 74% avg. Dry beans 84% harvested, 55% 1999, 73% avg. Pasture feed 6% very poor, 21% poor, 36% fair, 32% good, 5% excellent. Potatoes 3% very poor, 3% poor, 29% fair, 42% good, 23% excellent. Sunflowers 1% very poor, 13% poor, 47% fair, 37% good, 2% excellent. Sugarbeets 0% very poor, 3% poor, 32% fair, 44% good, 21% excellent. Soybean harvest is in full swing in most areas of the state. Soybean harvest is about 11 days ahead of the 5-yr avg. As producers complete soybean harvest, attention is turning toward corn harvest. Most soybeans matured early this year with the warm, dry conditions.

**MISSISSIPPI:** Days suitable for fieldwork 6.4. Soil moisture 39% very short, 38% short, 23% adequate. Cotton 16% very poor, 21% poor, 35% fair, 25% good, 3% excellent. Hay (Warm Season) 93% harvested, 94% 1999, 98% avg. Cattle, 4% very poor, 14% poor, 46% fair, 33% good, 3% excellent. Pasture 30%, very poor, 32% poor, 25% fair, 11% good, 2% excellent. Harvest continues at a fast pace in the Central part of the state. Cotton, soybean harvests continue at a fast pace throughout the state. Fall plantings are slowing down in many parts of the state due to lack of soil moisture.

**MISSOURI:** Days suitable for fieldwork during the week 5.9. Topsoil 21% very short, 32% short, 47% adequate. Harvesting of corn, soybeans, sorghum is proceeding at a record pace. The weekly precipitation averaged 0.25 inch. Corn harvested ranged from 60% northeast to 95% or more in the west-central, southwest, southeast. Soybean harvest ranged from 17% or less in the southern third of the State to 51% in the central district. Some farmers in the west-central, southwest districts are taking sizeable price discounts on soybeans which include drought-damaged green beans. Sorghum harvested varied from less than one-third complete in the north-central, central, east-central districts to about 85% in the southwest, southeast. Winter wheat seeding at 9% complete is nearly the same as normal, but many farmers are waiting for rain before seeding. Pastures 25% very poor, 33% poor, 27% fair, 14% good, 1% excellent.

**MONTANA:** Days suitable for fieldwork 6.2. Topsoil 38% very short, 49% short, 13% adequate, 0% surplus. Subsoil moisture 58% very short, 37% short, 5% adequate, 0% surplus. Corn 85% harvested for silage, 78% 1999, 83% avg. Dry beans 97% harvested, 89% 1999, 92% avg. Spring wheat 99% harvested, 92% 1999, 97% avg. Potatoes 14% harvested, 30% 1999, 25% avg. Sugar beets 20% harvested, 20% 1999, 15% avg. Cattle, calves moved from 58% summer ranges, 47% 1999, 35% avg. Sheep, lambs moved from 61% summer ranges, 48% 1999, 39% avg. The moisture received two, three weeks ago was not very much, but has allowed winter wheat producers in some areas of the state to begin seeding their crops. However, many winter wheat producers are waiting for even more precipitation to ensure good ground moisture. Most reports have indicated very low soil moisture, which has been the case for a majority of the year. The continued pasture, range feed shortages have producers looking at many different alternatives for winter rations. The Central portions of the state are reporting that hay supplies are drastically short, are having to supplement with purchased feed.

**NEBRASKA:** Days suitable for fieldwork 6.3. Topsoil, subsoil moisture supplies were rated mostly very short. Temperatures for the week averaged from near normals to 3<sup>o</sup> below normals. Minimal precipitation was received across the State. Wheat 81% seeding, 89% 1999, 81% avg.; 42% emerged, 55% 1999, 52% avg. Corn 52% harvested, 15% 1999, 11% avg. Soybeans 19% very poor, 24% poor, 34% fair, 19% good, 4% excellent; 99% dropped leaves, 90% 1999, 87% avg.; 40% harvested, 22% 1999, 16% avg. Sorghum 95% mature, 69% 1999, 70% avg.; 64% harvested, 6% 1999, 5% avg. Pasture, range feed 59% very poor, 28% poor, 10% fair, 3% good. Some cattle receiving supplemental feed, cattle moved to stalk fields as available. Other producer activities included: Moving grain to market, fencing stalk fields for cleaning, livestock care.

**NEVADA:** The state began the week with below normal temperatures, but by week's end temperatures rose to above normal. There was no precipitation reported statewide. Fourth cutting of alfalfa was wrapping up. Mint, alfalfa seed harvest were nearing completion. Potato digging was ongoing. Corn chopping for green feed continued. Field preparation, planting of fall seeded winter grains, new alfalfa fields continued. Ground was being prepared for garlic planting in Douglas County. Gathering, sorting, marketing of cattle continued. Calves, lambs were being moved to market. Reports of cattle being moved early due to burned areas, poor

range conditions. Main farm, ranch activities: Alfalfa hay harvest, potato harvest, corn chopping, field preparation, fall planting, irrigation, livestock marketing.

**NEW ENGLAND:** Days suitable for fieldwork 7.0. Topsoil 11% short, 86% adequate, 3% surplus. Subsoil moisture 7% short, 91% adequate, 2% surplus. Pasture feed 6% poor, 32% fair, 53% good, 9% excellent. Maine potatoes 65% harvested, 45% 1999, 55% avg.; condition good to excellent. Rhode Island potatoes 70% harvested, 80% 1999, 80% avg.; condition good to excellent. Massachusetts potatoes 75% harvested, 75% 1999, 80% avg.; condition good to fair. Oats in Maine 85% harvested, 99% 1999, 95% avg.; condition good. Barley in Maine 85% harvested, 100% 1999, 95% avg.; condition good. Silage corn 35% harvested, 80% 1999, 55% avg.; condition good to fair. Sweet corn 99% harvested, 99% 1999, 99% avg.; condition good to fair. Second crop hay 95% harvested, 95% 1999, 90% avg.; condition good to fair. Third crop hay 80% harvested, 80% 1999, 75% avg.; condition good. Apples 60% harvested, 65% 1999, 65% avg.; fruit size avg, condition good. Peaches 100% harvested, 99% 1999, 99% avg, fruit size avg, condition good. Pears 60% harvested, 50% 1999, 70% avg, fruit size avg, condition good to fair. Cranberries 10% harvested, 20% 1999, 20% avg, fruit size avg, condition good. Dry weather persisted throughout the week with the first hard frost of the season hitting the state area. Major farm activities included: Chopping field corn; applying manure; planting cover crops; harvesting potatoes, small grains, pumpkins, squash, sweet corn, onions, cabbage, apples, pears, fall raspberries; making hay.

**NEW JERSEY:** Days suitable for field work 4.5. Topsoil 69% adequate, 31% surplus. Corn 78% mature, 19% harvested, 83% good, 17% excellent. Soybeans 61% dropping leaves, 15% harvested, 64% good, 36% excellent. Producers have reported some deer damage to corn, soybean fields in some localities. Producers spent the week harvesting fall vegetables, preparing fields for planting cover crops. Cooler night time temperatures caused some producers to cover vegetable crops to prevent frost damage. Fall spinach, cabbage, lettuce were rated in mostly good condition. Producers were able to make good progress digging sweet potatoes despite some shower activity early last week. Sweet potatoes were rated in mostly good condition with harvest 10-20% complete in some areas. Apples harvest continued with the crop rated in mostly good condition. The cranberry crop was also rated in mostly good condition with harvest getting underway in some localities.

**NEW MEXICO:** Days suitable for field work 7. Topsoil 60% very short, 27% short, 13% adequate. The first full week of autumn was warm, dry over the state. Temperatures averaged 4° above normal, spotty showers produced some light precipitation in the north. Farmers stayed busy harvesting chile, cotton, peanuts. Total sorghum declined slightly from last week with 61% very poor, 23% poor, 11% fair, 4% good, 1% excellent, 70% coloring, 94% 1999, 80% 5-yr, 36% mature, 16% 1999, 16% 5-yr. Corn remained in mostly fair to good condition, with corn 89% mature, 70% grain harvested. Peanuts were in fair to good condition, with 33% harvest moving slowly at. Alfalfa was reported in mostly fair to good condition. Alfalfa 96% harvest 5th cutting, 63% 6th cutting. Cotton was in mostly fair to excellent condition with 83% bolls opening, 12% harvest. The chile crop was in mostly fair to good condition, with green chile 92% harvested, 15% red harvested. Ranchers were still hoping for more rain to fill the empty stock ponds. Cattle, sheep conditions have started to stabilize in mostly poor to good condition. Pasture, range feed conditions 30% very poor, 40% poor, 25% fair, 5% good.

**NEW YORK:** Days suitable 5.7. Soil moisture 73% adequate, 27% surplus. Pasture feed 71% good, 29% excellent. Alfalfa 78% 3rd cutting, 97% 1999, 88% avg. Corn 64% fair, 29% good, 7% excellent. Corn silage 31% harvested, 80% 1999, 58% avg. Oat 92% harvest, 100% 1999, avg. Potato harvest progressed. Finger Lakes grape 50% harvest. Tonnage, quality good. Vinifera harvest just starting. Concord grape harvest in Lake Erie region progressed rapidly. Crop in good condition, exhibited acceptable sugar levels. Apple harvest in full swing. Cider making gained momentum. Frost brought much of the vegetable season to an end. Onion harvest continued with good yields reported.

**NORTH CAROLINA:** Days suitable for fieldwork to 4.5 compared to last week's estimate of 4.6. Soil moisture levels are indicative of the excess moisture with their current rating of 0% very short, 7% short, 63% adequate, 30% surplus. Heavy rainfall early in the week gave way to clear

weather as cooler temperatures prevailed for the second consecutive week. Though rain stopped early in the week, this week's precipitation, combined with the excess moisture from previous rains. Farmers were able to make good advancements in corn, sweet potato harvest. Some progress was made in tobacco harvest as both flue-cured, burley continue to move toward completion. The dry weather during the latter part of the week was conducive to boll opening in cotton, spraying defoliant. Phenologically, soybeans are near normal as harvest is set to begin in some areas. Disease problems are occurring in peanuts due to the prolonged period of wet weather, but the problems are not widespread. Among the concerns are TSWV, sclerotinia and CBR. Apple harvest continues to be a bright spot for state with progress ahead of schedule by approximately one week.

**NORTH DAKOTA:** Days suitable for fieldwork were 6. Topsoil 14% very short, 19% short, 62% adequate, 5% surplus. Subsoil moisture 14% very short, 21% short, 60% adequate, 5% surplus. A week of mostly warm, dry weather furthered small grain harvest to near completion, pushed row crop harvest, prompted fall tillage. Durum wheat 96% combined, 78% 1999, 91% avg. Dry bean development 88% cut, 77% 1999, 88% avg.; 76% combined, 61% 1999, 79% avg. Flaxseed 92% combined, 71% 1999, 82% avg. Potatoes 81% dug, 69% 1999, 69% avg. Sunflowers 86% bracts brown, 61% 1999, 82% avg.; 4% combined, 1% 1999, 7% avg.; 2% very poor, 8% poor, 28% fair, 49% good, 13% excellent. Pasture, range feeds 11% very poor, 18% poor, 37% fair, 31% good, 3% excellent. Stockwater 7% very short, 13% short, 77% adequate, 3% surplus.

**OHIO:** Days suitable for fieldwork 3.6. Topsoil 0% very short, 3% short, 83% adequate, 14% surplus. Fall, winter apples 50% harvested, 57% 1999. Alfalfa hay 65% 4th cutting, 84% 1999. Corn 97% dented, 100% 1999, 95% avg.; 67% mature, 89% 1999, 58% avg.; 6% harvested for grain, 23% 1999, 10% avg.; 76% harvested for silage, 84% 1999, 58% avg. Grapes 73% harvested, 71% 1999. Other hay 81% 3rd cutting; 93% 1999, 83% avg. Potatoes 90% harvested, 89% 1999, 72% avg. Processing tomatoes 90% harvested, 93% 1999, 86% avg. Soybeans 87% dropping leaves, 97% 1999, 84% avg.; 60% mature, 88% 1999, 11% harvested, 44% 1999, 25% avg. Tobacco 98% harvested, 82% 1999, 10% stripped, 0% 1999. Winter wheat 6% planted, 27% 1999, 17% avg. Corn 2% very poor, 6% poor, 22% fair, 49% good, 21% excellent. Hay 0% very poor, 4% poor, 20% fair, 59% good, 17% excellent. Pasture 1% very poor, 4% poor, 23% fair, 56% good, 16% excellent. Soybeans 3% very poor, 10% poor, 28% fair, 43% good, 16% excellent. Activities for the week included: Harvesting corn, soybeans; chopping silage; planting winter wheat; harvesting fruit, vegetables; preparing equipment for harvest; shelling corn; cleaning grain bins; hauling grain; spraying weeds; making hay; spreading lime, fertilizer; cutting firewood; constructing grain storage facilities; checking, repairing fences. Reported weed pressures included giant ragweed, johnsongrass, lambsquarters, yellow foxtail, morning glory. Reported insects included Japanese beetles, yellow jackets, corn borers, earworms, aphids, squash bugs, cucumber beetles. Reported corn diseases included diplodia ear rot, stalk rot, mold. Many reporters mentioned problems with corn lodging. Other diseases reported were white mold on soybeans, rust in sweet corn, mildew on pumpkins. Several reporters mentioned problems with the corn crop lodging. Excessive wind, rain, disease, poor stalk quality were cited as possible causes. Livestock were reported in good to excellent condition. Producers in the Southeast district are selling calves and feeding out lambs. In the Northeast Hills district, livestock producers are weaning, selling feeder calves. Pasture feeds remain in mostly good condition. Some pastures are under stress from continuous grazing in areas such as the Central Hills district. However, much pasture stress has been relieved by cool temperatures, adequate rainfall.

**OKLAHOMA:** Days suitable for fieldwork 6.6. Topsoil 74% very short, 24% short, 2% adequate. Subsoil moisture 54% very short, 37% short, 9% adequate. Wheat 86% seedbed prepared, 75% last week, 94% 1999, 88% avg. Oats 72% seedbed prepared, 68% last week, 93% 1999, 83% avg.; 12% planted, 9% last week, 25% 1999, 22% avg. Rye 80% seedbed prepared, 77% last week, 88% 1999, 81% avg.; 18% planted, 10% last week, 63% 1999, 40% avg. Corn 88% harvested, 74% last week, 81% 1999, 75% avg. Sorghum 19% very poor, 29% poor, 26% fair, 25% good, 1% excellent, 92% coloring, 78% last week, 97% 1999, 94% avg. Soybeans 24% very poor, 39% poor, 31% fair, 6% good, 69% mature, 53% last week, 53% 1999, 59% avg.; 53% harvested, 35% last week, 24% 1999, 22% avg. Peanuts 50% mature, 33% last week, 41% 1999, 47% avg.; 8% combined, 3% last week, 1% 1999, 2% avg. Alfalfa Hay 19%

very poor, 29% poor, 37% fair, 14% good, 1% excellent, 77% 4th cutting, 75% last week, 73% 1999, 76% avg./ 34% 5th cutting, 30% last week, 18% 1999, 16% avg. Other Hay 23% very poor, 31% poor, 32% fair, 13% good, 1% excellent, 78% 2nd cutting, 76% last week, 70% 1999, 71% avg. Livestock 2% very poor, 9% poor, 40% fair, 46% good, 3% excellent; Cattle auctions reported slightly above average marketings. Prices for all feeder steers less than 800 pounds averaged \$1.00 to nearly \$2.00 per cwt. higher than the preceeding week.

**OREGON:** Days suitable for fieldwork 7. Topsoil 15% very short, 38% short, 47% adequate. Subsoil 16% very short, 42% short, 42% adequate. Winter Wheat 29% planted, 1% 1999, 22% avg. Winter wheat 3% emerged, 7% avg. Range, pasture 2% very poor, 28% poor, 43% fair, 27% good, 4% excellent. Activities: Fall field preparation, planting continued state wide. East of Cascades still needs more rain to help fall seeded grains. Some haying continued. Winter wheat seeding continued as early seeded fields started to emerge. In Willamette Valley, grass seed planting continued, field corn being cut for silage. In south western valleys, irrigated fields being planted. In Curry County, Easter lily growers still transplanting; some commercial bulbs being dug. In Jackson county, greenhouses busy with fall ornamental plants, vegetable starts. Most nurseries busy with plant upkeep, preparing for fall transplant items. In Washington county pot rotation continued. In eastern areas of State, potato harvest in full swing; finished in some places. Onion harvest reported going well with Malheur County harvest 60% completed. In western state, most salad vegetables still available, sweet corn nearing season' send, greenhouses busy with fall vegetable starts. Some late sweet corn had frost damage. Onions, potatoes mostly done, U-pick pumpkin fields preparing for Halloween. Tomatoes, melons still being harvested in Jackson County. Pear harvest winding down in upper Hood River Valley. In southern state, most pear, apple picking expected to finish this week. Apple harvest in late stages at Milton-Freewater. In Willamette Valley, most late season tree fruit picking done. Hazelnut drop continued, harvest operations set to begin. Walnuts, grapes maturing. Evergreen blackberry picking finished. Range, pasture feeds mainly poor to fair. Rain still needed outside Willamette Valley, coastal areas. Valley, coast had some recent greenup but supplemental feeding continued. Livestock condition remains mostly good to excellent; some fair in southeastern counties. Cattle movement off of higher elevation ranges continued in south, east. Calf weaning continued in most range areas, some early fall calving began in Klamath County.

**PENNSYLVANIA:** Days suitable for field work 5.0. Soil moisture 1% very short, 8% short, 79% adequate, 12% surplus. Corn 87% dent, 82% 1999, 86% avg.; 41% mature, 53% 1999, 52% avg.; 9% harvested, 16% 1999, 14% avg.; 72% silage, 79% 1999, 66% avg.; 1% very poor, 5% poor, 15% fair, 44% good, 35% excellent. Barley 33% planted, 50% 1999, 47% avg.; 17% emerged, 30% 1999, avg not available. Winter wheat 18% planted, 15% 1999, 26% avg.; 5% emerged, 10% 1999, avg not available. Soybean 1% very poor, 2% poor, 18% fair, 47% good, 32% excellent. Potatoes 67% harvested, 61% 1999, 61% avg. Apples 68% harvested, 43% 1999, 50% avg. Grapes 44% harvested, 41% 1999, 47% avg. Alfalfa 86% 3rd cutting, 91% 1999, 88% avg.; 67% 4th cutting, 62% 1999, 52% avg. Timothy clover 96% 2nd cutting, 91% 1999, 94% avg. Quality of hay made 5% very poor, 8% poor, 40% fair, 34% good, 13% excellent. Activities include: Harvesting corn, corn silage, apples, grapes, vegetables, potatoes; machinery maintenance; filling silos; spreading lime, fertilizers; hauling, spreading manure; caring for livestock; fixing fences; making hay, haylage; fall plowing; seeding fall crops.

**SOUTH CAROLINA:** Days suitable for field work 5.6. Soil moisture 1% very short, 10% short, 67% adequate, 22% surplus. Apples 56% harvested, 64% 1999, 68% avg.; 71% fair, 29% good. Barley 13% planted, 8% 1999, 7% avg; 6% emerged, 0% 1999, 2% avg. Corn 93% harvested, 99% 1999, 95% avg. Cotton 77% bolls opened, 78% 1999, 80% avg.; 11% harvested, 11% 1999, 15% avg.; 1% very poor, 9% poor, 43% fair, 42% good, 5% excellent. Livestock 1% poor, 25% fair, 62% good, 12% excellent. Oats 12% planted, 9% 1999, 13% avg.; 6% emerged, 1% 1999, 5% avg. Peanuts 20% harvested, 17% 1999, 29% avg.; 3% poor, 43% fair, 48% good, 6% excellent. Pecans 5% harvested, 0% 1999, 5% avg.; 12% poor, 68% fair, 20% good. Rye 16% planted, 17% 1999, 18% avg.; 8% emerged, 6% 1999, 6% avg. Sorghum 99% turned color, 99% 1999, 100% avg.; 80% matured, 78% 1999, 84% avg.; 58% harvested, 54% 1999, 57% avg.; 13% poor, 46% fair, 41% good.

Soybeans 99% pods set, 99% 1999, 99% avg.; 29% turned color, 40% 1999, 33% avg.; 12% dropped, 17% 1999, 14% avg.; 6% matured, 8% 1999, 8% avg.; 3% harvested, 4% 1999, 1% avg.; 3% very poor, 10% poor, 30% fair, 51% good, 6% excellent. Sweetpotatoes 39% harvested, 21% 1999, 26% avg.; 7% very poor, 30% poor, 43% fair, 20% good. Tobacco 99% harvested, 100% 1999, 100% avg.; 86% stalks destroyed, 84% 1999, 83% avg. Winter Grazing 32% planted, 29% 1999, 31% avg.; 22% emerged, 15% 1999, 21% avg. Winter Wheat 9% planted, 9% 1999, 9% avg.; 2% emerged, 2% 1999, 1% avg.

**SOUTH DAKOTA:** Days suitable for field work 6.4. Topsoil 37% very short, 37% short, 26%adequate. Subsoil moisture 36% very short, 35% short, 28% adequate, 1% surplus. Feed supplies 4% very short, 20% short, 68% adequate, 8% surplus. Stock water supplies 25% very short, 30% short, 40% adequate, 5% surplus. Winter Rye 86% planted, 68% 1999, 82% avg.; 25% emerged, 44% 1999, 58% avg. Corn silage 95% harvested, 88% 1999, 77% avg. Soybeans 93% mature, 58% 1999, 64% avg. Sorghum 26% harvested-grain, 12% 1999, 11% avg.; 75% silage harvested, 49% 1999, 53% avg. Sunflower 4% very poor, 12% poor, 32% fair, 40% good, 12% excellent, 95% bracts yellow, 78% 1999, 93% avg.; 76% mature, 50% 1999, 64% avg.; 31% harvested, 7% 1999, 11% avg. Alfalfa hay 12% very poor, 18% poor, 32% fair, 32% good, 6% excellent. Alfalfa hay 85% 3rd cutting harvested, 83% 1999, NA% avg. Range, Pasture 13% very poor, 24% poor, 34% fair, 24% good, 5% excellent. Cattle 2% poor, 20% fair, 60% good, 18% excellent. Sheep 1% very poor, 4% poor, 22% fair, 57% good, 16% excellent. Previous weeks rains helped with winter crops emergence, while a hard frost in most areas followed by warm, dry weather sent harvest into full swing. Water quality remains very much a problem, combined with short pastures has ranchers moving cattle, calves to farm or market early.

**TENNESSEE:** Days suitable for fieldwork 5. Topsoil 8% very short, 27% short, 64% adequate, 1% surplus. Subsoil moisture 26% very short, 37% short, 35% adequate, 2% surplus. Pastures 14% very poor, 23% poor, 36% fair, 23% good, 4% excellent. Burley 95% harvested, 94% 1999, 90% avg.; 14% stripped, 9% 1999, 8% avg. Dark fire-cured 95% harvested, 93% 1999, 91% avg. Winter wheat 6% seeded, 3% 1999, 10% avg. Cattle 2% very poor, 7% poor, 35% fair, 43% good, 13% excellent. Rain showers, which recently pushed across the State have helped rejuvenate pastures in many locations. Overall, pasture feeds improved once again this week. With improved soil moisture, farmers were busy overseeding, fertilizing both hay fields, pasture land. Farmers are hoping for additional rain to help sustain the young stands. Wet conditions brought fall harvesting activities to a standstill during the first part of last week, but excellent progress was made once the fields dried out. Soybean harvest, winter wheat seeding, burley stripping were some of the other activities taking place last week.

**TEXAS:** Scattered rain showers accompanied by moderate thunderstorms crossed portions of the Plains late in the previous week while heavier showers crossed portions of East State. The first frost of the season also occurred in portions of the Northern High Plains with temperatures around 30° on Monday morning. The rain showers did little to improve conditions, the frost will hasten maturity of remaining summer crops. Land preparation for fall planting continued to be slowed in many areas as most small grain continued to be dry seeded. Insect pressure continued to increase in small grains where emergence has occurred. Supplemental feeding of livestock continued in most areas as recent showers in some locations have not improved pasture feeds. Water available to livestock continued to be depleted in most locations, hauling water remained impossible for many producers thus causing further herd reductions. Breathing problems and pneumonia continued to increase in livestock as a result of the dry conditions. Field Crops: Small Grains: Dry planting of wheat, oats continued in most locations across the state, however many producers have elected to wait for adequate rainfall before planting. In fields where irrigation was possible, emergence, growth have been adequate but dry land fields showed no improvement. Green Bugs, army worms continued to increase in some locations. Corn: Harvest on the Plains continued. Irrigated corn showed the best production, some dry land corn was either being baled or grazed. Cotton: Progress continued across the Plains. A light to killing frost hastened maturity in some locations and in other areas cotton was being plowed up as the crop had been zeroed out. Boll drop continued as harvest neared in some locations, some growers continued to wait for a frost thus preventing further expense on defoliants. In areas

that receive showers some regrowth is possible on undestroyed plants. Boll weevil activity continued in some of the same locations. State wide cotton condition was rated at percent of normal compared with percent 1999. Rice: Recent rainfall continued to aid the second crop, in most locations the ratoon crop has headed, turning down. Harvest should begin soon and in some locations pressure from stink bugs continued. Sorghum: Across the Plains, maturity of late sorghum continued to be hastened by the dry conditions, harvesting moved forward where possible. In some Plains areas only irrigated sorghum continued to show good yield potential while dry land sorghum was being grazed or baled, plowed up in some areas. Peanuts: Harvest continued to move forward in most locations across the state. Yield potential was satisfactory on irrigated peanuts while the dryland crop was a failure in most locations. Irrigation continued for some growers and recent rains in southern areas could benefit some late fields in these areas. State wide peanut 60% of normal compared with 79% 1999. Soybeans: Harvest continued in areas with remaining beans. Irrigated beans continued to be the most productive, some dryland growers continued to bale or plow up their crop as a result of the dry conditions. Commercial Vegetables, Fruit and Pecans Rio Grande Valley, land preparation continued with the aid of recent showers, however substantial rains are needed before wide spread planting will begin. San Antonio-Winter Garden, planting of some vegetables begin on a limited bases, generally only where irrigation was available. Further land preparation remained slow as conditions remained extremely dry. East Texas, fall planting began in isolated locations as recent rainfall has helped some areas while other areas are still extremely dry. Sweet potato harvest continued in some areas where yields are generally less than normal. High Plains, harvest continued in isolated areas for watermelons, remained active for pumpkins, carrots. Yields remained variable. Land preparation moved ahead but slow as dry conditions continued. Pecans: Harvest began on a limited basis in some areas, in other areas pecans continued to make progress where irrigation was possible. Shuck split began in some other locations on early maturing varieties, nut drop continued where irrigation was not possible. Survival of trees remained a concern to many producers. Range and Livestock: Recent rainfall in portions of East State, along some costal areas have aided in pasture improvement for a few locations. Generally the remainder of the state continued to be extremely dry, chances for sufficient winter pasture continued to be minimal. A light frost, freeze occurred in portions of the Plains which rendered remaining pasture dormant for the remainder of the growing season. Supplemental feeding continued across the state, herd reduction remained necessary for some producers.

**UTAH:** Days suitable for field work 7. Topsoil 9% very short, 37% short, 54% adequate. Subsoil moisture 21% very short, 40% short, 39% adequate. Winter wheat 63% planted, 64% 1999, 72% avg.; 13% emerged, 14% 1999, 31% 5-yr avg. Corn 90% in dough stage, 89% 1999, 89% avg.; 80% dent stage, 57% 1999, 61% avg.; 40% mature, 25% 1999, 29% avg.; 72% harvested for silage, 57% 1999, 48% avg. Alfalfa hay 60% 4th cutting, 42% 1999, 39% avg.; 58% seed harvested, 33% 1999, 45% avg. Onions 61% harvested, 66% 1999, 59% avg. Potatoes 25% harvested, 31% 1999, 35% 5-yr avg. Dry beans 91%, 84% 1999, 89% avg. Cattle moved from 57% summer range, 34% 1999, 38% avg. Sheep/lambs moved from 55% summer range, 33% 1999, 38% avg. Apples 56% picked, 25% 1999, 29% avg. Range, pasture 16% very poor, 42% poor, 33% fair, 9% good. Irrigation water supplies 40% very short, 27% short, 33% adequate. Stock water supplies 12% very short, 39% short, 49% adequate. Major farm, ranch activities included: Harvesting corn silage, grain, potatoes, onions, hay, planting fall wheat, according to the State Agricultural Statistics Service. Some counties have already reported killing frosts, snow. Livestock continues to be moved from summer pasturelands.

**VIRGINIA:** Days suitable for fieldwork 4.8. Topsoil 4% short, 76% adequate, 20% surplus. Subsoil moisture 12% short, 80% adequate, 8% surplus. Pastures 2% poor, 12% fair, 63% good, 23% excellent. Livestock 5% fair, 75% good, 20% excellent. Corn for Grain 4% fair, 41% good, 55% excellent, 96% dent, 97% 1999, 97% 5-yr avg.; 73% mature, 84% 1999, 87% 5-yr avg.; 45% harvested, 51% 1999, 48% 5-yr avg.; silage 80% harvested, 92% 1999, 83% 5-yr avg. Soybeans 1% very poor, 4% poor, 13% fair, 51% good, 31% excellent, 98% setting pods, 99% 1999, 98% 5-yr avg.; 27% dropping leaves, 34% 1999, 21% 5-yr avg. Winter Wheat 3% seeded, 3% 1999, 5% 5-yr avg. Barley 13% seeded, 12% 1999, 9% 5-yr avg. Flue-cured tobacco 84% harvested, 77% 1999,

80% 5-yr avg. Burley tobacco 93% harvested, 95% 1999, 89% 5-yr avg. Dark Fire-cured tobacco 92% harvested, 96% 1999, 96% 5-yr avg. Sun tobacco 100% harvested, 100% 1999, 99% 5-yr avg. Peanuts 7% poor, 18% fair, 63% good, 12% excellent, 42% dug, 25% 1999, 31% 5-yr avg.; 24% combined, 6% 1999, 14% 5-yr avg. Cotton 8% poor, 12% fair, 57% good, 23% excellent, 47% bolls opening, 70% 1999, 78% 5-yr avg.; 2% harvested, 2% 1999, 9% 5-yr avg. Apples 25% fair, 56% good, 19% excellent. Fall apples 79% harvested, 50% 1999, 45% 5-yr avg. Winter apples 44% harvested, 16% 1999, 18% 5-yr avg. Temperatures for the week were a few degrees below normal for the commonwealth. Rains at the beginning of the week limited the days suitable for fieldwork to 4.8. Corn, hay harvests were delayed at the beginning of the week but by midweek harvest was able to resume. Winter wheat planting began in some areas. Late vegetable harvest continues. Cooler temperatures is delaying crop maturity. Other activities for the week included: Cutting corn stalks, preparing fields for small grain planting, fall lime, fertilizer applications, harvesting pumpkins, soil testing.

**WASHINGTON:** Days suitable for fieldwork 6.1. Topsoil 12% very short, 27% short, 56% adequate, 5% surplus. Subsoil moisture 2% very short, 37% short, 59% adequate, 2% surplus. Winter wheat 71% planted, 76% 1999, 76% avg.; 48% emerged, 53% 1999, 58% avg. Winter wheat seeding progressed well last week in most areas. However, some counties reported heavy rains, thunderstorms caused flooding, damage to newly seeded fields. Potatoes 3% fair, 95% good, 2% excellent, 54% harvested, 59% 1999, 53% avg. Potatoes continued to be harvested with good quality being reported. Alfalfa hay 99% 3rd cutting, 100% 1999, 99% avg. Hay, roughage, 89% adequate, 11% surplus. Range, Pasture 1% very poor, 41% poor, 36% fair, 22% good. Rainfall last week continued to improve range, pasture feeds throughout much of the state. Significant frost damage was reported in the Columbia Basin. Apple harvest continued with cooperative weather producing high quality fruit. Red delicious were being picked in the early areas, goldens were finishing up in the later areas. Dairymen were applying poultry manure to forage fields, harvesting corn silage. Hop harvest was winding down.

**WEST VIRGINIA:** Days suitable for fieldwork 4.5. Topsoil 1% short, 89% adequate, 10% surplus. Farmers continue to harvest crop, plant wheat as weather conditions permit. Corn, apple harvest are lagging behind 1999, while hay, soybean, tobacco harvest is ahead ahead of 1999. Hay 16% fair, 66% good, 18% excellent; Hay 93% 2<sup>nd</sup> cut, 87% 1999, 96% 5-yr avg.; 66% 3<sup>rd</sup> cut, 54% 1999, 66% 5-yr avg. Corn 6% fair, 59% good, 35% excellent, 92% denting, 94% 1999, 80% 5-yr avg.; 59% Mature, 69% 1999, 71% 5-yr avg.; 10% harvested, 23% 1999, 28% 5-yr avg. Soybean 14% fair, 46% good, 40% excellent, 78% dropping leaves, 76% 1999, 86% 5-yr avg.; 30% harvested for grain, 11% 1999, 8% 5-yr avg. Tobacco 99% harvested, 82% 1999, 93% 5-yr avg. Wheat 39% planted, 6% 1999, 22% 5-yr avg. Apple 7% poor, 26% fair, 46% good, 21% excellent, 21% harvested, 50% 1999. Cattle 10% fair, 75% good, 15% excellent. Sheep 15% fair, 76% good, 9% excellent.

**WISCONSIN:** Days suitable for fieldwork 5.7. Soil moisture 1% very short, 6% short, 85% adequate, 8% surplus. Several reports of killing frost in the north, with few reports of frost in the south. Corn silage, high moisture corn harvest picked up speed to beat drying conditions. Fourth hay cuttings continued around the state. Fourth crop hay 52% 2000, 52% 1999. Fall tillage: 10% 2000, 17% 1999, 12% avg. Apple harvest reported large sized fruit, Cranberry harvest continuing. Pasture feed 2% very poor, 7% poor, 34% fair, 51% good, 6% excellent.

**WYOMING:** Days suitable for fieldwork 5.7. Topsoil 16% very short, 61% short, 23% adequate. Winter wheat 90% planted for 2001, 97% 1999, 98% avg.; 72% emerged, 86% 1999, 82% avg.; 12% poor, 42% fair, 46% good. Corn 97% dent, 96% 1999, 98% avg.; 68% mature, 78% 1999, 84% avg.; 3% harvested, 1% 1999, 7% avg.; 95% silage harvested, 91% 1999, 87% avg.; 1% very poor, 3% poor, 4% fair, 88% good, 4% excellent. Dry beans 86% combined, 82% 1999, 86% avg. Sugarbeets 11% harvested, 20% 1999, 11% avg.; 1% poor, 7% fair, 87% good, 5% excellent. Alfalfa 76% 3rd cutting, 72% 1999, 65% avg. Range, pasture feed 32% very poor, 41% poor, 22% fair, 5% good. Irrigation water supplies 36% very short, 27% short, 37% adequate. Cooler temperatures.

## International Weather and Crop Summary

September 24 - 30, 2000

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

### HIGHLIGHTS

**EUROPE:** Wet weather in western Europe halted fieldwork, while dry weather in eastern Europe encouraged summer crop harvesting and winter grain planting.

**FSU-WESTERN:** Generally dry weather in Ukraine and southern Russia favored fieldwork for summer crop harvesting and winter wheat planting, although unseasonably cool weather slowed winter wheat germination and early development.

**FSU-NEW LANDS:** Cold, showery weather slowed spring grain harvesting in Russia, while generally dry weather in Kazakstan favored late-season harvest activities.

**AUSTRALIA:** Warm, mostly dry weather increased moisture demands of immature winter grains in New South Wales.

**SOUTH AMERICA:** In Argentina, rain is needed for winter wheat development in Cordoba. In southern Brazil, showers favored summer crop planting, but slowed wheat harvesting.

**SOUTHEAST ASIA:** Variable showers maintained adequate moisture supplies for rice in Indochina and the Phillipines.

**SOUTH ASIA:** The monsoon continued its withdrawal from northern India.

**EASTERN ASIA:** Widespread rain boosted moisture supplies for winter wheat planting across central China.

**CANADA:** Warm, dry weather aided Prairie harvests.

**MEXICO:** Remnants from Tropical Storm Norman brought much-needed rain to north-central Mexico, boosting reservoir supplies, but Hurricane Keith battered eastern portions of the Yucatán Peninsula and adjacent areas with high winds and heavy rain.

## September 2000

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

\*\*\* DATA NOT AVAILABLE

COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL	DPART F/NRM
NORWAY	OSLO	14	5	18	0	10	0.7	59	-38
SWEDEN	STOCKHOLM	17	6	20	1	11	-0.8	0	-53
FINLAN	HELSINKI	15	4	21	-1	10	-0.3	13	-60
UKINGD	ABERDEEN	16	9	20	4	13	0.8	112	44
	MANCHESTER	18	11	26	5	15	1.3	121	47
	NOTTINGHAM	18	11	28	5	15	0.4	112	62
	SOUTHAMPTON	20	14	24	8	17	1.6	125	60
IRELAN	DUBLIN	17	10	22	2	14	0.5	94	27
ICELAN	REYKJAVIK	12	7	16	0	9	1.8	79	12
DENMAR	COPENHAGEN	16	11	20	7	13	-0.5	58	-4
LUXEMB	LUXEMBOURG	19	12	25	7	15	1.3	95	27
SWITZE	ZURICH	20	12	25	8	16	1.8	122	28
	GENEVA	22	12	30	8	17	2.5	106	24
FRANCE	PARIS/LEBOURG	21	13	28	8	17	1.7	39	-15
	STRASBOURG	22	12	28	7	17	1.7	56	1
	BOURGES	23	12	31	7	18	1.6	38	-23
	BORDEAUX	25	14	33	8	20	2.1	38	-36
	TOULOUSE	26	15	32	8	20	2.1	31	-16
	MARSEILLE	26	16	29	12	21	1.4	76	30
SPAIN	VALLADOLID	26	11	35	6	19	0.5	28	-5
	MADRID	28	12	34	5	20	-0.1	11	-22
	SEVILLE	32	19	40	13	25	0.3	9	-12
PORTUG	LISBON	27	17	34	13	22	0.7	14	-12
GERMAN	HAMBURG	18	11	25	7	14	0.7	53	-17
	BERLIN	19	11	24	4	15	0.2	64	18
	DUSSELDORF	20	13	28	7	17	1.5	89	27
	LEIPZIG	19	11	26	4	15	0.7	53	8
	DRESDEN	19	11	26	5	15	0.4	50	2
	STUTTGART	20	10	27	5	15	0.7	88	28
	NURNBERG	19	10	26	5	15	0.7	53	2
	AUGSBURG	19	9	24	5	14	0.0	134	59
AUSTRI	VIENNA	20	11	29	7	16	0.1	59	7
	INNSBRUCK	21	10	26	5	15	1.0	118	39
CZECHR	PRAGUE	19	9	25	2	14	0.5	28	-12
POLAND	WARSAW	17	8	23	1	12	-1.0	72	31
	LODZ	17	8	24	3	12	-0.7	60	7
	KATOWICE	18	7	26	1	12	-0.4	52	0
	PRZEMYSL	17	8	25	1	13	-1.1	9	-46
HUNGAR	BUDAPEST	21	11	28	7	16	-0.1	27	-13
YUGOSL	BELGRADE	23	14	32	8	19	1.0	72	22
ROMANI	BUCHAREST	23	10	31	3	16	-1.3	78	40
BULGAR	SOFIA	23	11	34	4	17	0.4	73	28
ITALY	MILAN	27	16	31	9	21	2.6	61	-6
	VERONA	25	14	28	10	19	0.6	119	56
	VENICE	25	15	29	11	20	0.8	42	-25
	GENOA	26	20	30	16	23	0.5	80	-35
	ROME	26	16	29	12	21	-0.1	42	-29
	NAPLES	27	18	34	15	23	2.0	12	-73
GREECE	THESSALONIKA	28	17	35	11	22	0.3	63	37
	LARISSA	30	15	39	8	22	0.1	30	-2
	ATHENS	29	20	34	15	25	0.2	5	-8
TURKEY	ISTANBUL	26	18	33	12	22	2.1	42	1
	ANKARA	26	8	31	2	17	-1.2	7	-30
CYPRUS	LARNACA	31	21	37	16	26	0.8	1	-4
ESTONI	TALLINN	16	5	20	-1	10	-0.6	23	-59
RUSSIA	ST.PETERSBURG	15	7	21	2	11	-0.2	55	-11
LITHUA	KAUNAS	16	6	21	0	11	-1.3	15	-42
BELARU	MINSK	15	7	22	0	11	-1.0	37	-18
RUSSIA	KAZAN	14	7	26	-3	10	-0.8	63	18
	MOSCOW	14	7	22	-2	10	-0.6	53	-8
	YEKATERINBURG	13	5	27	-5	9	-0.6	40	-11
	OMSK	16	6	30	-5	11	0.1	9	-23
	KRASNOYARSK	15	6	28	-3	11	***	48	***
	NOVOSIBIRSK	15	6	27	-2	11	0.6	45	12
	BARNAUL	17	6	30	-2	12	0.8	35	6
	KHABAROVSK	20	10	30	5	15	2.0	83	-8
	VLADIVOSTOK	20	14	27	9	17	1.2	213	84
UKRAIN	KIEV	16	9	25	3	13	-1.1	142	97
	LVOV	16	7	24	-1	12	-1.6	43	-13
	KIROVOGRAD	17	10	25	2	13	-0.6	103	67

Based on Preliminary Reports

September 2000

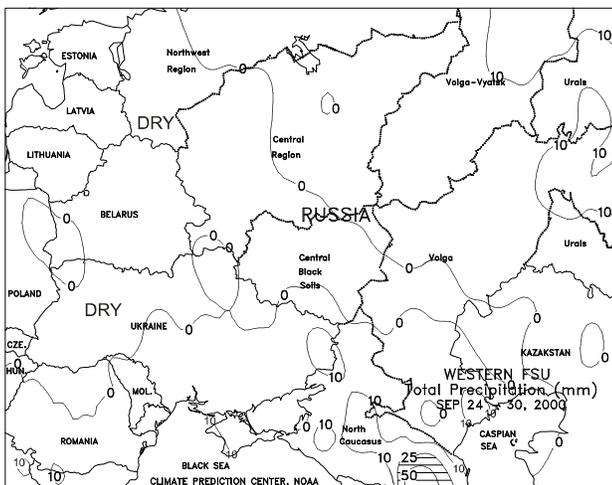
COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)			COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
	AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL	DPART F/NRM		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL	DPART F/NRM
RUSSIA ODESSA	19	13	25	6	16	-1.0	116	79	TANZAN DAR ES SALAAM	30	18	32	17	***	***	3	-26
RUSSIA YALTA	23	16	29	11	19	0.3	19	-15	GABON LIBREVILLE	28	24	29	22	26	0.6	72	-34
RUSSIA VORONEZH	16	8	27	0	12	***	68	***	TOGO LOME	30	24	32	21	27	1.5	37	-11
RUSSIA SARATOV	17	9	30	1	13	0.6	113	78	BURKIN OUAGADOUGOU	34	24	37	21	29	2.0	43	-97
RUSSIA VOLGOGRAD	20	9	30	0	14	-1.1	47	26	COTE D ABIDJAN	29	23	31	22	26	1.4	117	51
UKRAIN ZDANOV	19	12	26	4	16	-0.1	52	10	MOZAMB MAPUTO	27	18	36	14	23	1.7	69	26
RUSSIA ASTRAKHAN	23	11	31	1	17	-0.2	21	-1	MALAWI CHILEKA	28	18	32	16	23	0.1	0	-3
RUSSIA KRASNODAR	24	12	32	7	18	0.6	28	-1	ZIMBAB HARARE	***	***	30	12	***	***	***	***
KAZAKS ATBASAR	18	4	31	-5	11	-0.3	24	-3	S AFRI PRETORIA	26	12	31	9	19	0.5	63	42
RUSSIA ORENBURG	18	7	35	-2	12	-1.3	31	0	KROONSTAD	23	9	31	3	16	***	9	***
KAZAKS KARAGANDA	19	7	30	-1	13	0.9	24	4	JOHANNESBURG	22	8	27	4	15	-1.3	42	15
GEORGI TBILISI	26	17	33	12	22	2.3	34	-4	BETHAL	22	7	29	2	15	0.1	26	2
UZBEKI TASHKENT	30	14	35	7	22	1.7	10	6	DURBAN	24	15	28	11	19	0.2	71	-2
TURKME ASHKHABAD	32	20	38	10	26	2.7	20	15	CAPE TOWN	19	9	32	4	14	0.2	58	19
SYRIA DAMASCUS	33	15	36	6	24	0.6	0	0	CANADA TORONTO	21	11	31	1	16	0.6	70	-4
ISRAEL JERUSALEM	28	17	34	13	23	0.8	0	0	MONTREAL	19	9	30	-1	14	-0.4	77	-10
INDIA AMRITSAR	34	23	37	18	29	-0.1	49	-37	WINNIPEG	18	5	28	-5	12	-0.6	60	8
INDIA NEW DELHI	35	25	37	21	30	0.7	31	-93	REGINA	19	5	33	-3	12	0.4	29	-5
INDIA AHMEDABAD	35	25	39	24	30	0.8	11	-100	SASKATOON	19	4	30	-4	12	0.5	33	1
INDIA INDORE	31	21	35	19	26	0.3	29	-151	LETHBRIDGE	20	5	30	-6	13	0.3	61	16
INDIA CALCUTTA	33	26	35	24	29	0.3	179	-125	CALGARY	18	4	28	-8	11	0.2	54	7
INDIA VERAVAL	31	26	36	24	28	0.8	16	-78	EDMONTON	17	6	25	-2	11	0.2	45	3
INDIA BOMBAY	32	25	34	23	29	1.7	47	-262	VANCOUVER	19	11	24	6	15	0.7	37	-27
INDIA POONA	30	21	33	17	25	0.4	65	-67	MEXICO GUADALAJARA	27	16	31	13	21	0.7	168	9
INDIA BEGAMPET	31	22	34	20	27	0.3	61	-110	MEXICO MEXICO CITY	***	***	23	13	***	***	19	-98
INDIA KAKINADA	33	26	35	24	29	0.6	74	-84	MEXICO ACAPULCO	31	25	33	22	28	0.0	196	-179
INDIA MADRAS	34	25	38	23	30	0.2	165	26	BERMUD ST. GEORGES	29	24	30	22	27	0.2	204	41
INDIA MANGALORE	31	24	35	22	27	1.1	63	-204	BAHAMA NASSAU	32	25	33	23	29	1.4	96	-71
N KORE NAMPO	25	17	30	11	21	0.4	66	-19	CUBA HAVANA/MARTI	31	23	33	21	27	-0.7	19	-217
S KORE SEOUL	25	17	31	12	21	0.7	200	58	JAMAIC KINGSTON	32	26	34	23	29	0.7	255	140
JAPAN SAPPORO	22	16	27	11	19	1.8	331	193	P RICO SAN JUAN	31	25	33	23	28	-0.2	73	-50
JAPAN NAGOYA	30	21	35	15	26	2.2	730	518	GUADEL RAIZET	32	24	33	23	28	0.9	178	31
JAPAN TOKYO	29	23	38	18	26	2.7	206	26	MARTIN LAMENTIN	31	24	33	23	28	1.1	227	12
JAPAN YOKOHAMA	28	22	35	16	25	2.4	325	125	BARBAD BRIDGETOWN	31	25	32	22	28	0.7	162	26
JAPAN KYOTO	30	21	34	15	25	2.1	349	143	TRINID PORT OF SPAIN	33	24	34	23	28	1.9	233	31
JAPAN OSAKA	30	23	35	19	27	2.2	307	143	COLOMB BOGOTA	18	8	21	1	13	-0.2	185	127
THAILA PHITSANULOK	32	25	35	24	28	-0.3	258	17	F GUIA CAYENNE	32	22	34	21	27	0.8	99	24
THAILA BANGKOK	33	26	35	24	29	0.9	240	-102	BRAZIL FORTALEZA/PINT	30	25	31	23	27	0.2	142	122
MALAYS KUALA LUMPUR	32	24	35	22	28	1.8	285	94	RECIFE	28	22	35	19	25	0.1	336	223
VIETNA HANOI	32	26	34	23	29	0.8	72	-183	BELO HORIZONTE	25	17	30	14	21	-0.4	50	10
CHINA HARBIN	23	11	31	5	17	2.9	32	-25	CAMPO GRANDE	29	19	36	11	24	1.0	134	72
CHINA HAMI	28	11	34	5	19	0.5	2	-2	FRANCA	25	16	30	13	21	2.0	141	69
CHINA LANCHOW	22	12	29	9	17	1.5	66	22	RESENDE	26	16	33	11	21	0.7	81	29
CHINA BEIJING	28	17	35	10	22	2.6	24	-25	LONDRINA	25	16	34	9	20	0.8	172	72
CHINA TIENTSIN	28	17	33	11	23	1.7	14	-26	SANTA MARIA	22	11	34	3	17	0.4	242	88
CHINA LHASA	20	8	23	3	14	-0.1	76	16	PORTO ALEGRE	23	12	30	4	17	0.5	136	12
CHINA KUNMING	23	16	26	11	20	2.0	56	-66	PERU LIMA	19	15	21	14	17	0.1	12	11
CHINA CHENGCHOW	27	17	35	13	22	1.2	95	4	BOLIVI LA PAZ	17	-2	30	-7	8	-0.6	40	9
CHINA YECHANG	27	20	35	17	23	0.0	223	103	CHILE SANTIAGO	17	5	26	1	11	0.3	93	73
CHINA HANKOW	28	21	36	17	25	1.7	191	102	ARGENT FORMOSA	26	15	39	6	20	0.6	24	-69
CHINA NEIJANG	26	20	34	15	23	-0.1	59	-55	POSADAS	25	14	35	6	20	0.9	67	-74
CHINA CHIHKIANG	27	19	35	14	23	0.2	78	12	CERES	24	9	37	1	17	0.4	16	-31
CHINA NANJING	27	20	32	17	24	1.0	110	15	CORDOBA	23	8	33	1	15	0.3	14	-25
CHINA HANGZHOU	29	21	36	18	25	1.6	51	-117	RIO CUARTO	20	7	32	1	14	0.0	25	-17
CHINA NANCHANG	29	22	36	17	25	1.0	38	-38	ROSARIO	21	9	31	1	15	1.0	77	15
CHINA TAIPEI	30	24	34	15	27	0.7	51	-170	BUENOS AIRES	18	8	27	0	13	0.5	98	38
CHINA CANTON	31	23	35	19	27	0.1	58	-101	SANTA ROSA	18	5	28	-1	12	-0.5	22	-17
CHINA NANNING	32	22	37	16	27	0.2	83	-37	TRES ARROYOS	16	5	26	0	11	-0.4	64	10
CANARY LAS PALMAS	27	22	29	21	24	0.5	0	-7	SAMOA PAGO PAGO	31	26	33	24	28	1.5	116	-47
MOROCC CASABLANCA	25	19	30	15	22	0.4	9	4	TAHITI PAPEETE	30	22	31	20	26	1.1	13	-33
MOROCC MARRAKECH	33	19	42	16	26	0.9	6	2	NZEALA AUCKLAND	16	10	18	5	13	***	49	***
ALGERI ALGER	29	18	36	12	23	0.5	7	-22	WELLINGTON	14	10	19	5	12	***	61	***
ALGERI BATNA	30	14	39	11	22	1.9	64	42	AUSTRA DARWIN	32	23	36	21	28	0.0	4	-14
TUNISI TUNIS	30	20	36	16	25	1.1	28	-4	GOONDIWINDI	28	12	37	3	20	3.1	6	-27
NIGER NIAMEY	36	26	40	22	31	2.2	70	-19	BRISBANE	24	13	29	6	19	0.3	2	-31
MALI TIMBUKTU	38	26	43	22	32	0.9	55	31	PERTH	21	10	28	6	15	0.8	44	-27
MALI BAMAKO	32	22	37	20	27	0.5	131	-62	CELUNA	21	10	35	3	15	0.8	18	-10
MAURIT NOUAKCHOTT	35	26	44	22	30	1.1	6	-20	ADELAIDE	18	11	28	6	14	1.0	49	-8
SENEGA DAKAR	31	26	33	23	29	1.2	49	-89	MELBOURNE	17	8	21	4	12	0.4	73	25
CHAGOS DIEGO GARCIA	***	***	31	24	***	***	171	-67	WAGGA	17	7	23	1	12	1.2	44	-6
LIBYA TRIPOLI	34	21	45	15	27	0.9	0	-15	CANBERRA	17	6	23	-2	11	1.8	87	31
LIBYA BENGHAZI	31	22	41	18	27	1.4	6	3	INDONE BANDUNG	29	20	33	17	25	2.0	28	-54
EGYPT CAIRO	33	22	38	20	27	0.5	0	0	PHILIP MANILA	31	26	32	23	28	0.5	449	106
EGYPT ASWAN	40	26	45	21	33	1.7	0	0									
KENYA NAIROBI	26	12	34	9	19	0.7	5	-20									

Based on Preliminary Reports



**EUROPE**

In western Europe, wet weather halted summer crop harvesting and winter grain planting. Generally 12 to 45 mm of rain fell across England, France, the Benelux countries, northwestern Germany, and the northwestern Iberian peninsula. However, over 100 mm of rain fell in south-central France, causing localized flooding. Sunflower harvesting is reportedly well advanced across France, but the recent rainfall delayed corn harvesting. Farther south, the rainfall in Spain and Portugal hampered corn and sunflower harvesting in the north, but only temporarily delayed rice and cotton harvesting in the south. In northern and central Italy, moderate to heavy rain (8-54 mm, locally near 115 mm) continued to hamper summer crop harvesting. Although corn harvesting is reportedly nearly complete in Italy, the rain delayed rice harvesting. In contrast, dry weather covered most of eastern Europe from eastern Scandinavia, eastern Germany, and Poland southward. The dry weather promoted winter grain and oilseed planting in the north, where moisture supplies remained adequate for early crop development. Farther south, dry weather may have encouraged some winter grain planting after last week's soaking rains. However, additional rain is still needed to end the drought. Weekly minimum temperatures were between -3 and 0 degrees C in parts of Poland and Scandinavia, causing only minor damage to late-maturing summer crops. The first freeze typically occurs during October in these areas. In Portugal, western Spain, eastern Poland, and much of southeastern Europe, temperatures averaged 0 to 3 degrees C below normal, slowing crop development. Elsewhere in Europe, temperatures averaged generally 1 to 3 degrees C above normal.



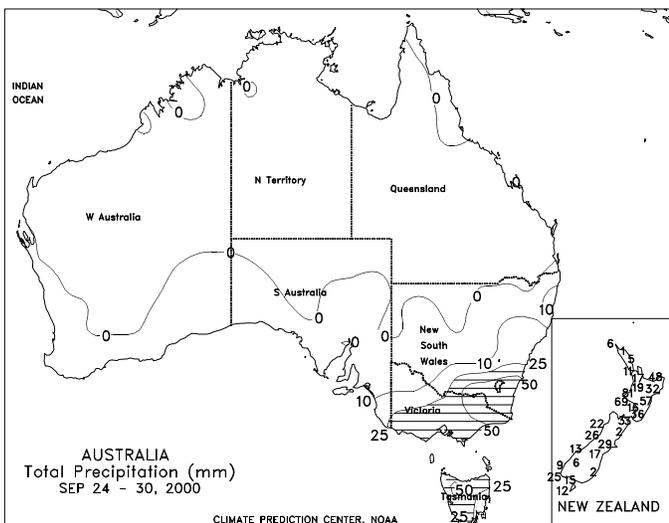
**FSU-WESTERN**

In Russia, dry weather prevailed across most areas, helping fieldwork for summer crop harvesting and winter wheat planting. Light showers (10-15 mm) in the North Caucasus were mostly welcomed, increasing topsoil moisture for winter wheat germination. The rain caused only brief delays in corn, sunflower, and sugar beet harvesting. Reports from Russia as of October 1 indicated that sunflowers and sugar beets were 13 and 27 percent harvested, respectively. Furthermore, reports as of September 27 indicated that winter grains were about 72 percent planted. In Ukraine, mostly dry weather helped summer crop harvesting and winter wheat planting. Reports from Ukraine as of September 29 indicated that winter grain crops were about 77 percent planted. Elsewhere, dry weather prevailed in Belarus, allowing the grain harvest to advance toward completion. Weekly temperatures averaged 1 to 4 degrees C below normal in Ukraine and Russia, slowing winter wheat emergence and early development. Furthermore, minimum temperatures fell at or slightly below freezing (-4 to 0 C) as far south as the northern tip of the North Caucasus region in Russia, ending the 2000 growing season.



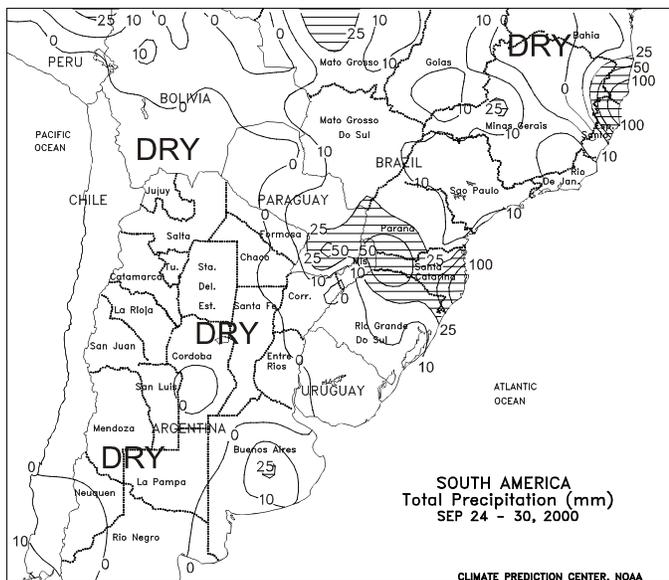
**FSU-NEWLANDS**

Spring grain harvesting continued to progress in Russia and Kazakhstan. In Russia, cold, showery weather (10-25 mm) prevailed in the Urals and most of Western Siberia and Eastern Siberia, hampering late harvest activities. In Russia, reports as of October 1 indicated that small grains and pulses, excluding corn, advanced to about 92 percent harvested, similar to last year's pace. In Kazakhstan, several days of dry weather helped spring grain harvesting advance toward completion. Weekly temperatures averaged 2 to 5 degrees C below normal in Russia and Kazakhstan. In cotton-producing areas of Central Asia, a cooling trend was accompanied by light showers (10-15 mm) late in the week in eastern Uzbekistan and southern Kazakhstan, slowing boll maturation and briefly interrupting harvest activities. Reports from Uzbekistan as of October 2 indicated that the cotton crop was about 57 percent harvested.



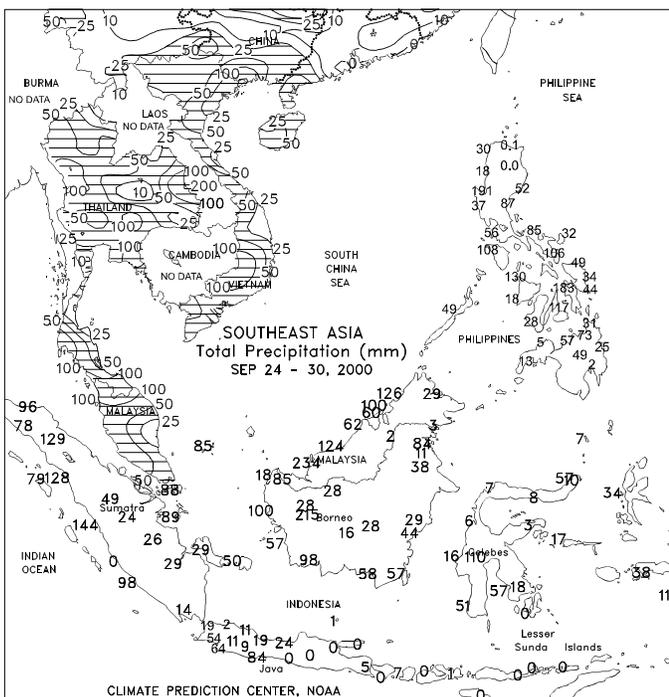
**AUSTRALIA**

Dry, warmer-than-normal weather (temperatures averaging 5 to 7 degrees C above normal with highs in the middle 30's degrees C) dominated agricultural districts of southern Queensland and northern New South Wales. While conditions favored crop dry down and harvesting in southern Queensland, the stressful weather increased moisture demands of immature winter crops and hastened maturity elsewhere. The agricultural districts of east-central Australia affected the most by untimely spring dryness are major producers of the high protein Australian Prime Hard variety of winter wheat. The region also needed rain for germination of summer crops, notably sorghum and upland cotton. Farther south, moderate to heavy rain (25-50 mm or more) clipped Victoria and southernmost New South Wales, but the more northerly winter crop areas recorded lighter rainfall (10 mm or less) and somewhat warmer-than-normal weather. Similar conditions were recorded in Western Australia, limiting moisture for normal crop development. In New Zealand, moderate showers (10-25 mm or more) benefited small grains and pastures.



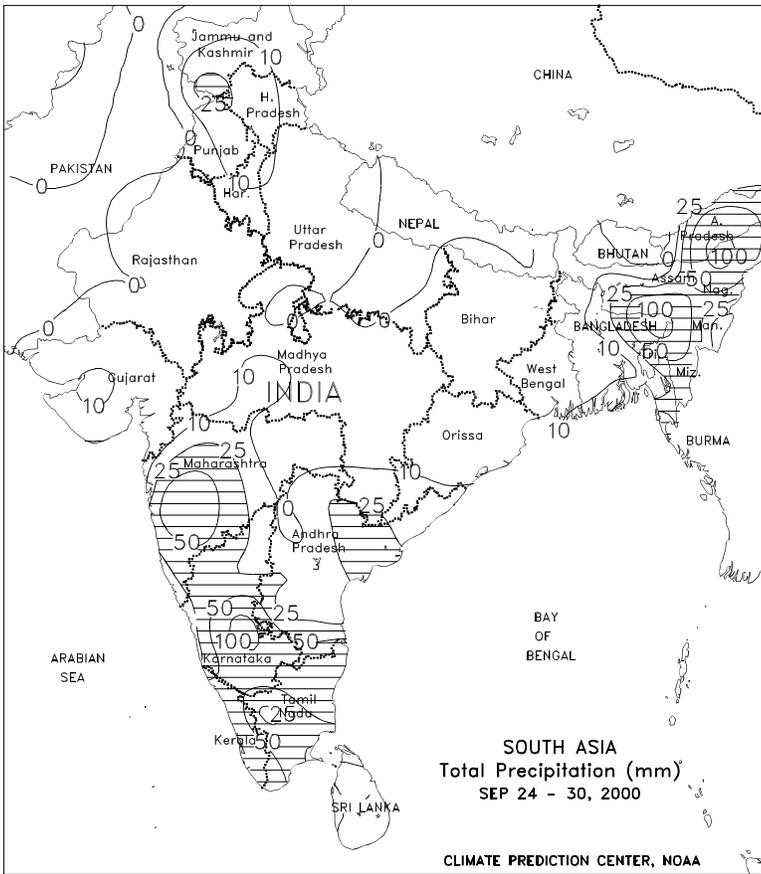
**SOUTH AMERICA**

In central Argentina, mostly dry weather aided sunflowerseed and early corn planting. Additional precipitation is needed for winter wheat development, especially in Cordoba and northwestern crop areas (Salta, Jujuy, and Tucuman), where very little rain has fallen since the beginning of September. On September 25, minimum temperatures fell at or slightly below freezing (-3 to -1 degrees C) across southern Cordoba, eastern La Pampa, and Buenos Aires, possibly burning back vegetative wheat. Winter wheat was likely entering the flowering stage across the northern wheat belt (central Santa Fe), where minimum temperatures did not fall low enough to cause significant crop damage. According to the Argentine Agricultural Secretariat as of September 22, corn planting has begun with 24, 18, 6, and 5 percent planted in Entre Ríos, Santa Fe, Córdoba, and Buenos Aires, respectively. In southern Brazil, showers (10-50 mm) again covered northern Rio Grande do Sul, Santa Catarina, and Parana, increasing soil moisture supplies for summer crop planting. The rain, however, continued to slow winter wheat maturation and harvesting. On September 26, pockets of frost were possible in northwestern Rio Grande do Sul, where minimum temperatures ranged from 1 to 2 degrees C below normal across Mato Grosso do Sul, and near to slightly below normal from Sao Paulo, southward into Rio Grande Do Sul.



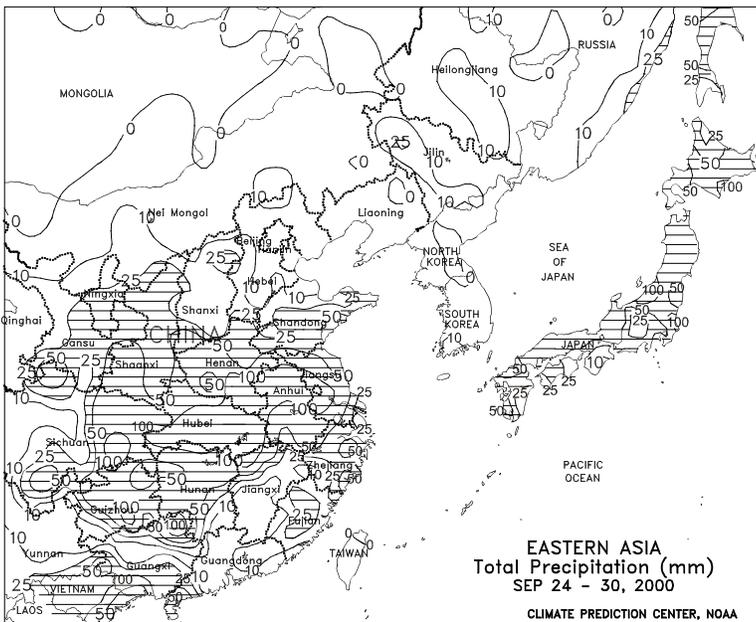
**SOUTHEAST ASIA**

Variable showers (25-150 mm) fell across much of Indochina, maintaining adequate moisture supplies for immature rice. In the Philippines, variable showers (25-150 mm) slowed rice harvesting. Seasonal showers (50-100 mm) maintained moisture supplies for oil palm across peninsular Malaysia. Warm, dry weather prevailed across Java, Indonesia, aiding second-crop rice maturation and harvesting.



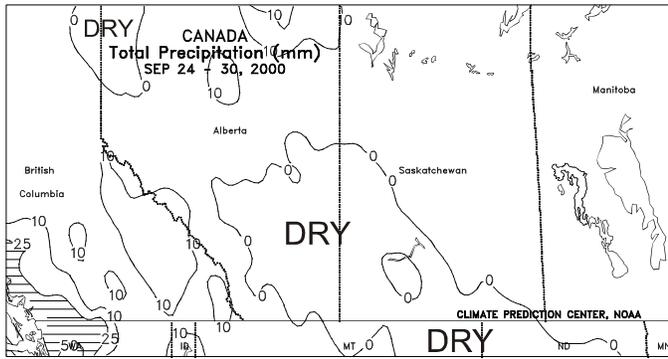
**SOUTH ASIA**

The southwest monsoon continued its seasonal withdrawal from Pakistan and northern India, although mostly light, scattered showers lingered over a few locations. Pockets of moderate rain (10-25 mm or more) brought limited relief to drought-stressed oilseeds and cotton in central India (Gujarat and western Madhya Pradesh). Above-normal temperatures (highs from the middle 30's to low 40's degrees C), however, increased crop moisture demands and hastened crop maturity. In the south, monsoon showers (10-50 mm or more) sustained late-season development of grains, oilseeds, and cotton. Locally heavy rain (50-100 mm or more) continued in the far eastern rice areas of Bangladesh and India. The rainy season typically ends in flood-ravaged sections of the east in mid-October.



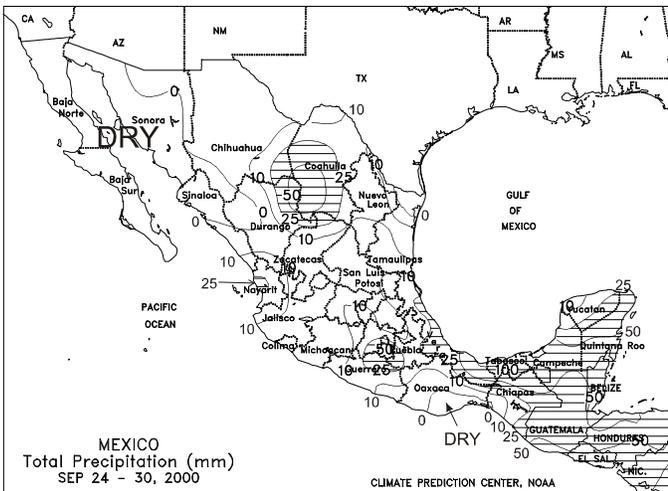
**EASTERN ASIA**

Rain (10-50 mm) extended from the North China Plain southward into the Yangtze Valley, boosting topsoil moisture for winter wheat planting, but slowed summer crop harvesting. The heaviest rain (50-140 mm) covered the Yangtze Valley. In Manchuria, mostly dry weather favored summer crop harvesting. In the main summer crop areas of the Manchurian Plain, temperatures remained well-above freezing, with frost reported in northern Heilongjiang. Temperatures averaged 2 to 4 degrees C above normal across Manchuria and southern China and near-normal across the North China Plain. Dry weather prevailed through the main crop-producing areas of the Korean peninsula, favoring rice maturation and harvesting. In Japan, moderate to heavy showers (20-80mm) slowed rice maturation and early harvesting. Temperatures averaged slightly above-normal across the Korean Peninsula and Japan.



**CANADA**

Mostly dry, warmer-than-normal weather (temperatures averaging 1-3 degrees C above normal, with highs reaching the middle 30's degrees C) dominated the Prairies, favoring spring grain and oilseed harvesting. Harvesting is virtually complete in some districts and reportedly needs an additional week or so of fine weather for completion. In eastern Canada, favorably dry weather covered crop areas of Ontario and Quebec, but cool weather slowed late summer crop development. A killing freeze, occurring about on schedule, ended the growing season in southwestern Quebec and neighboring sections of Ontario, likely damaging corn delayed in development. Patchy frost was likely in Ontario's central and northern growing areas, but somewhat warmer weather covered the southern soybean areas. *(This is the final weekly summary of the growing season. Coverage will resume upon commencement of spring planting.)*



**MEXICO**

The remnants from Tropical Storm Norman brought much-needed rain (10-80 mm) to north-central Mexico (northern Durango and Coahuila), boosting reservoir supplies. Mostly dry, warm weather (less than 10 mm; temperatures 1-2 degrees C above normal) prevailed across the main corn belt. At week's end, Hurricane Keith rapidly intensified over the western Caribbean Sea, packing maximum sustained winds near 115 kts (135 mph) as it approached the Yucatan Peninsula near the border of Quintana Roo, Mexico, and Belize. Gusty winds and locally flooding rains overspread eastern portions of the Yucatan Peninsula and adjacent areas in Central America.



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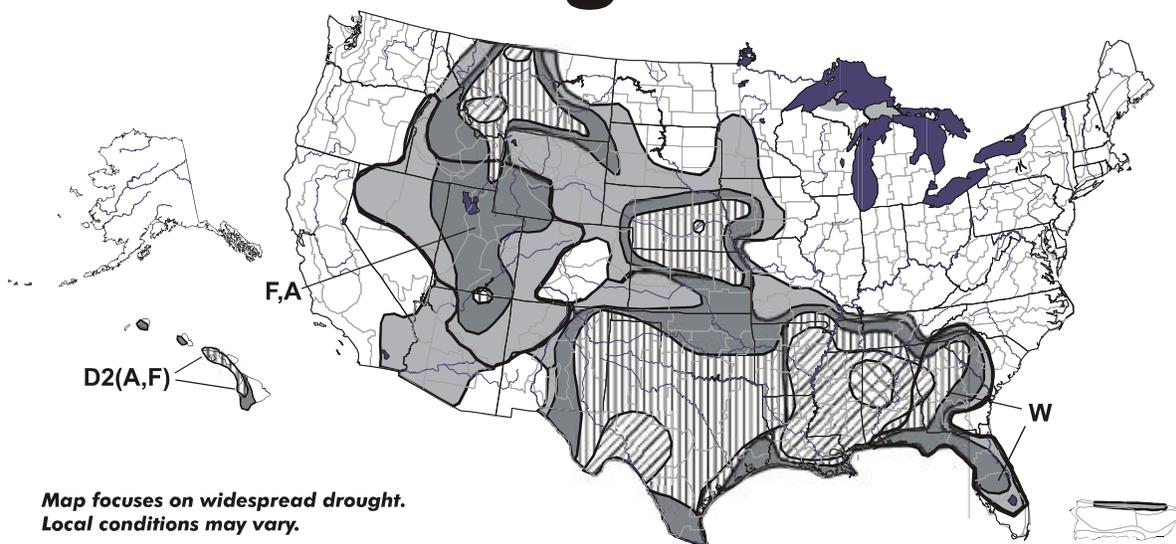
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September 26, 2000 Valid 8 a.m. EDT

# U.S. Drought Monitor



**Map focuses on widespread drought.  
 Local conditions may vary.**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>■ D0 Abnormally Dry</li> <li>■ D1 Drought-First Stage</li> <li>▨ D2 Drought-Severe</li> <li>▧ D3 Drought-Extreme</li> <li>⊠ D4 Drought-Exceptional</li> <li>⋯ Delineates Overlapping Areas</li> </ul> | <p>Drought type: used only when impacts differ</p> <p>A = Agriculture<br/>             W = Water<br/>             F = Wildfire danger</p> |
|--|---|

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



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