

# 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

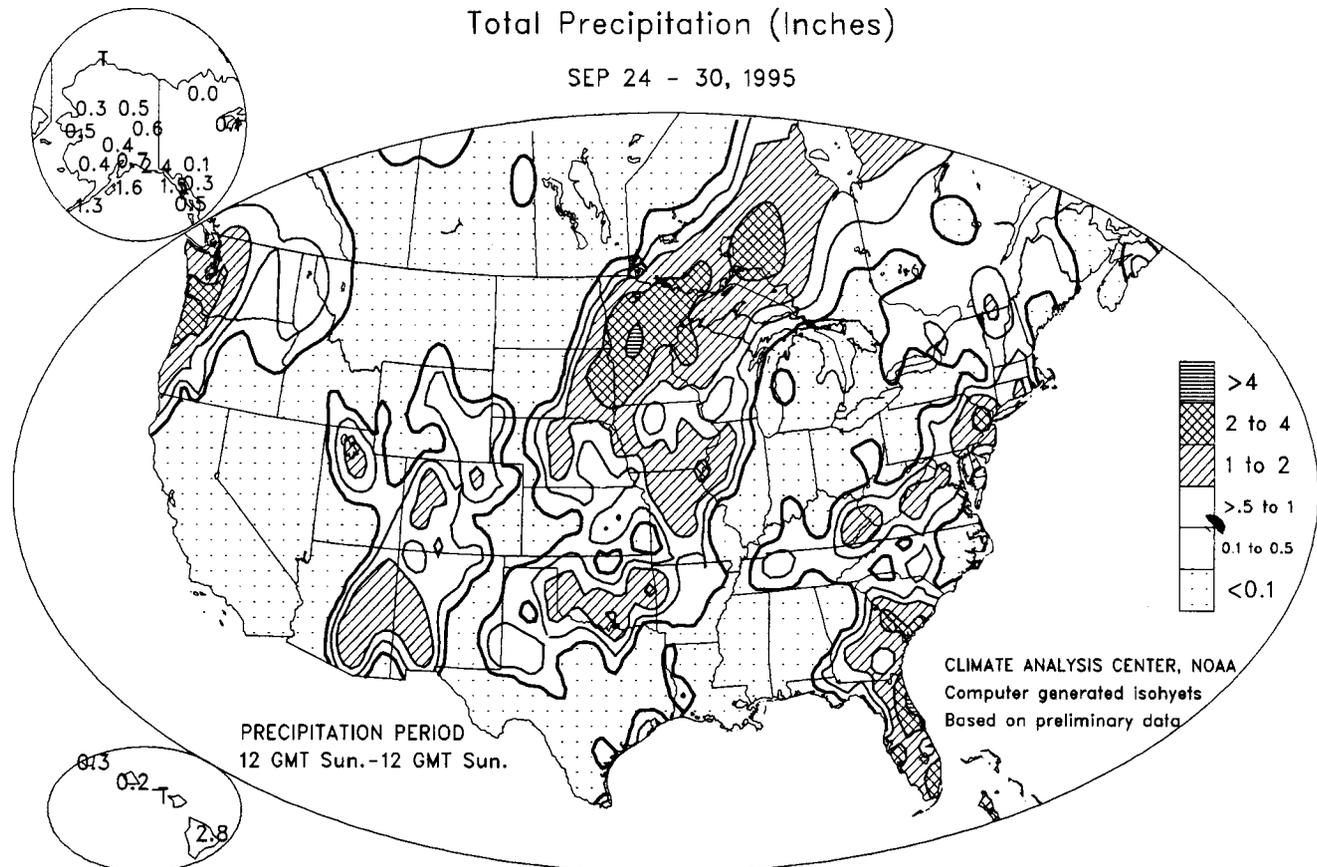
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Washington, D.C.

October 3, 1995

## Total Precipitation (Inches)

SEP 24 - 30, 1995



## HIGHLIGHTS

September 24 - 30, 1995

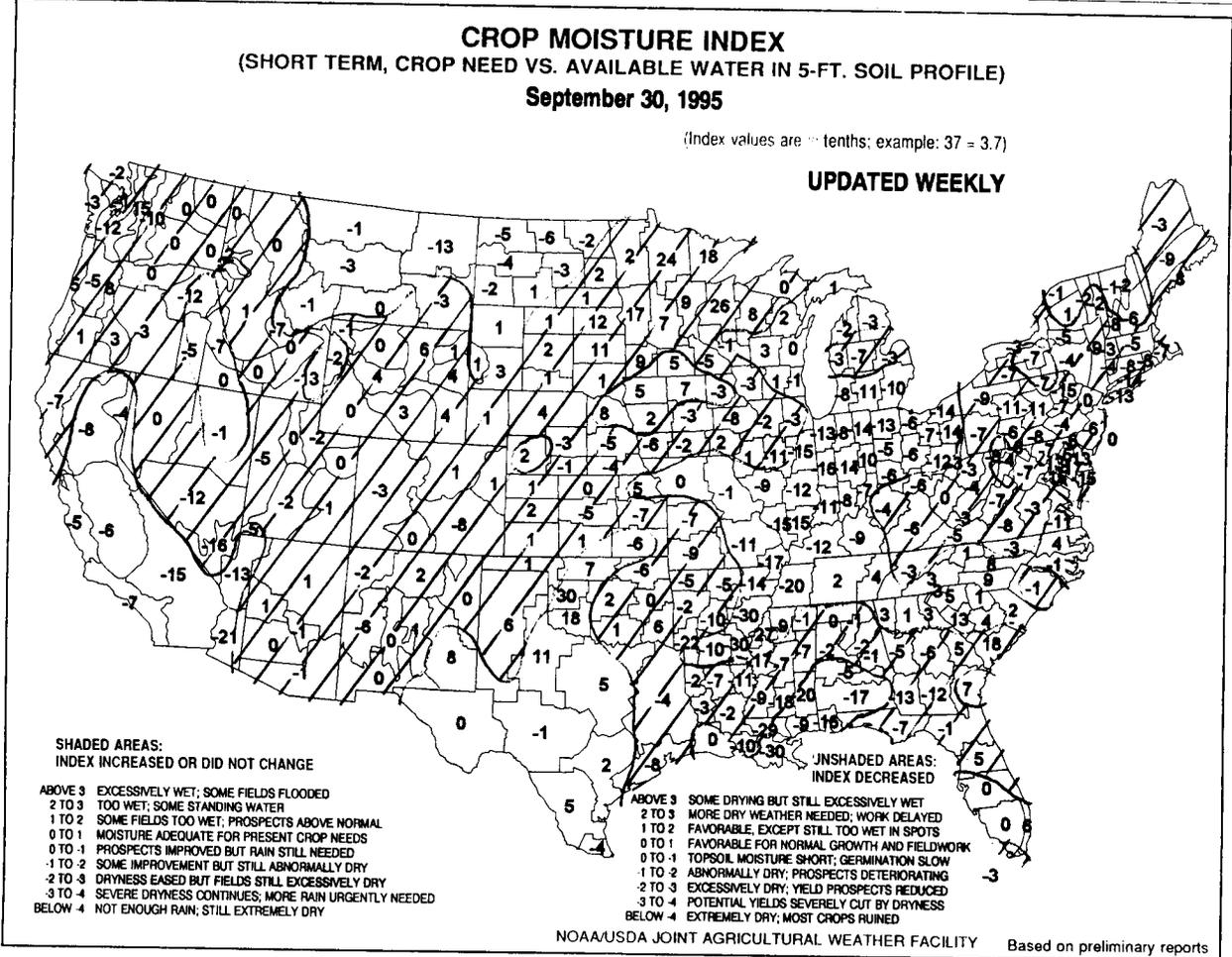
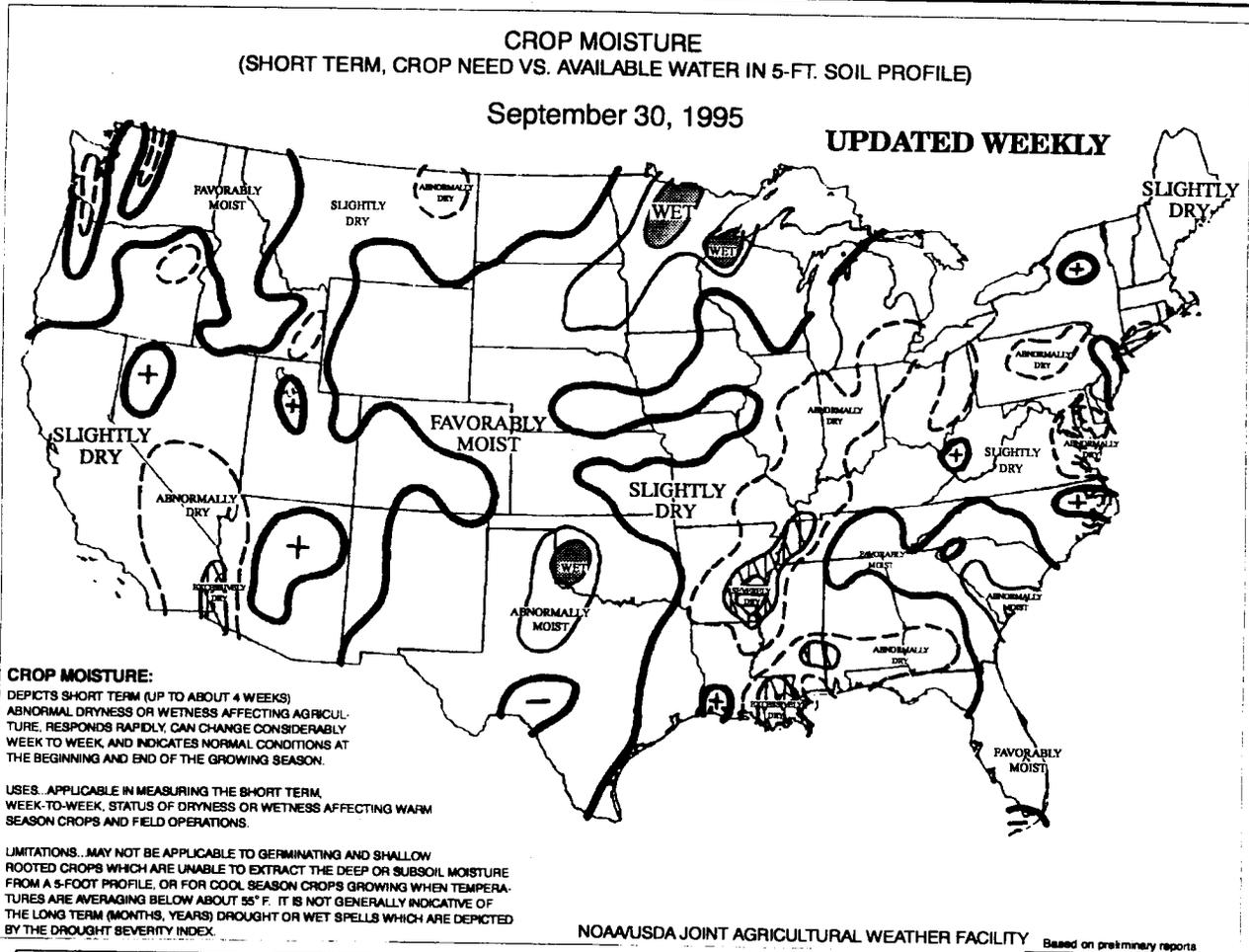
Cool weather prevailed across the East prior to midweek, accompanied by rain primarily along and near the coast. Farther west, southwesterly flow aloft in advance of a series of Pacific disturbances displaced last week's chill and pushed temperatures above 90°F as far north as **South Dakota**. The infusion of energy helped to spark heavy rain in the **Southwest** and produced frequent showers in the **Pacific Northwest**. Late in the week, a low-pressure system formed in the **central High Plains** and tracked into the western **Great Lakes States**, resulting in heavy rains and harvest delays in areas hit by last week's freeze. At week's end, Tropical Storm Opal formed in the **Gulf of Mexico** near the northern Yucatán Peninsula, increasing this season's total of named Atlantic storms to 15, the fifth-greatest total in the past 120 years.

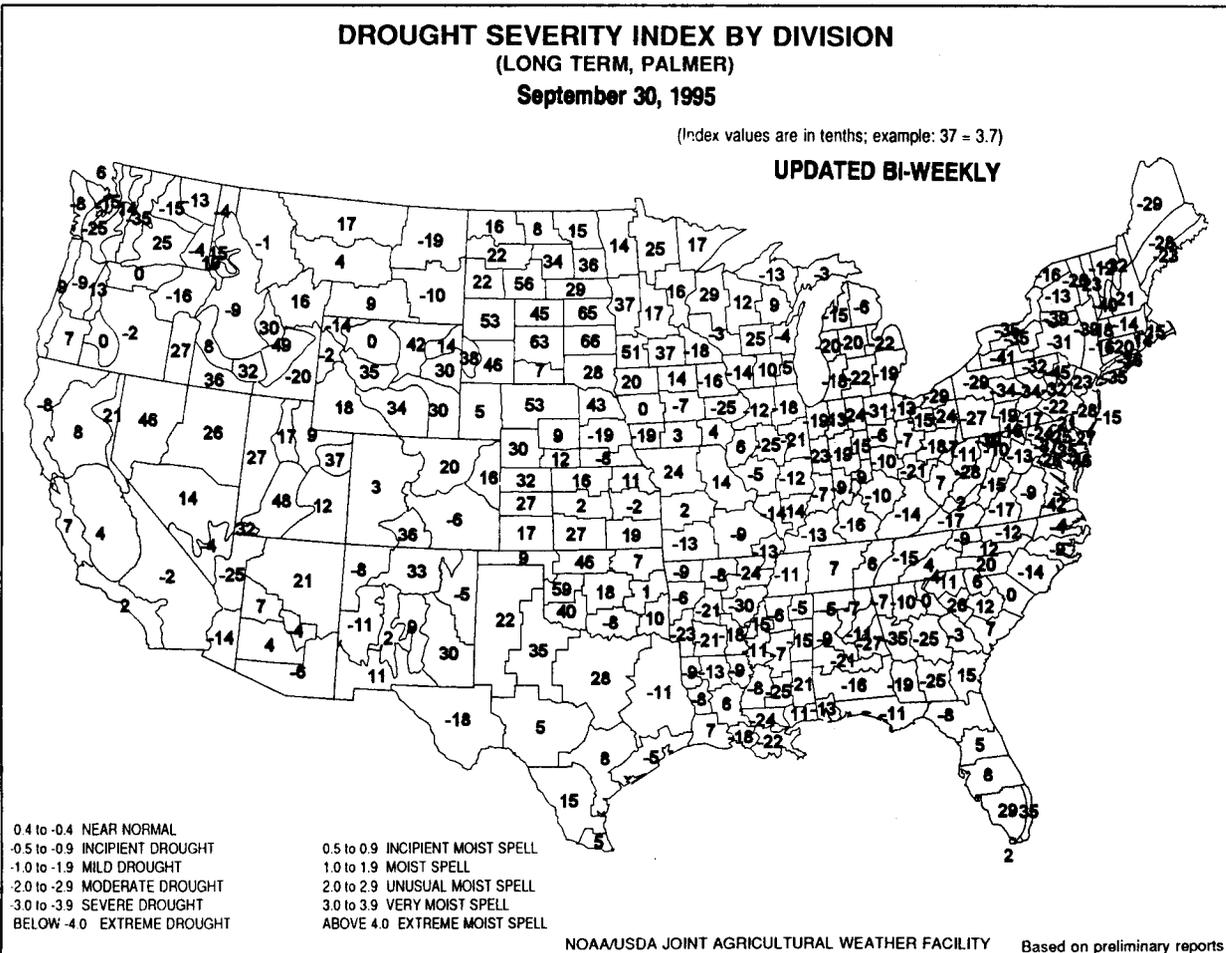
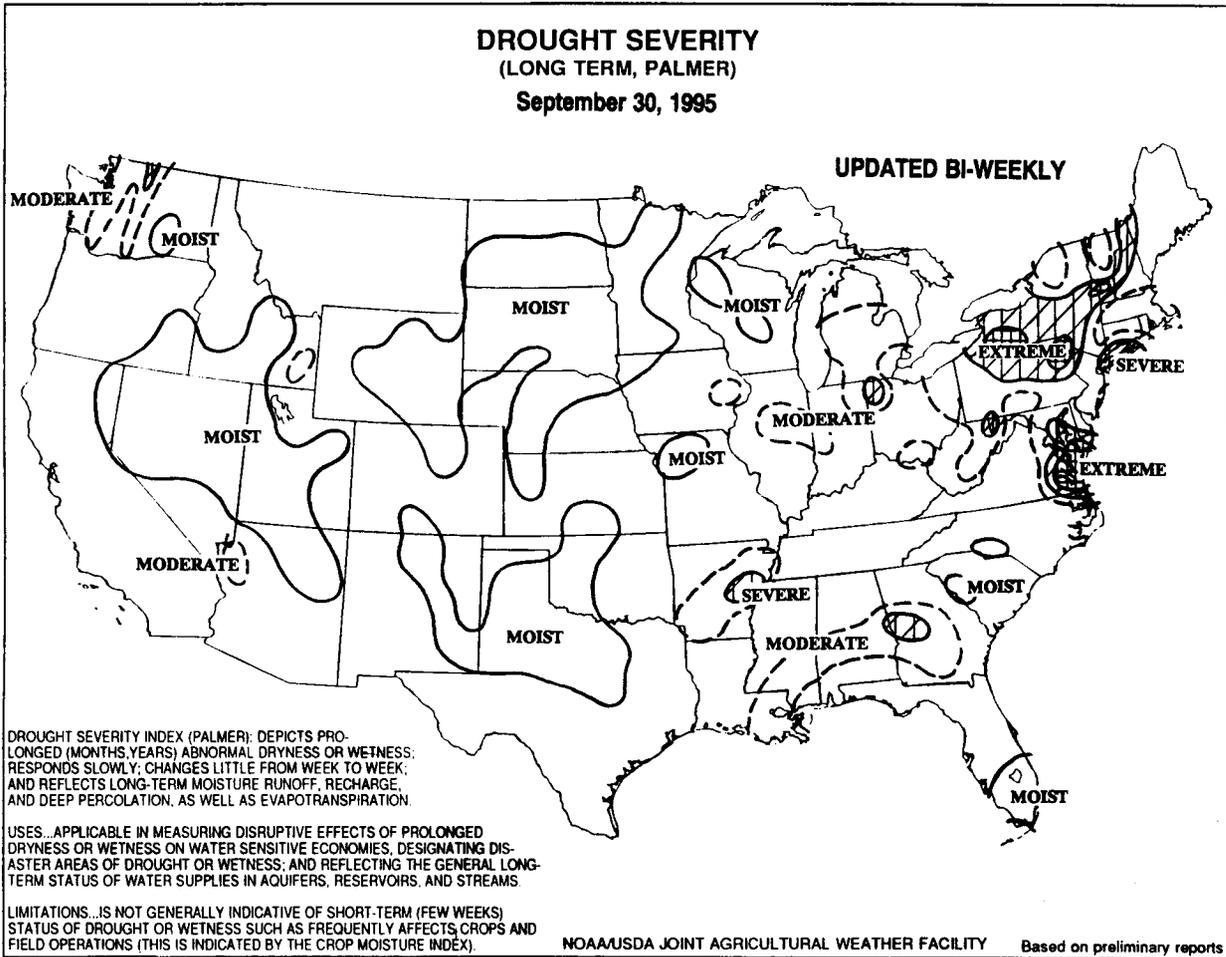
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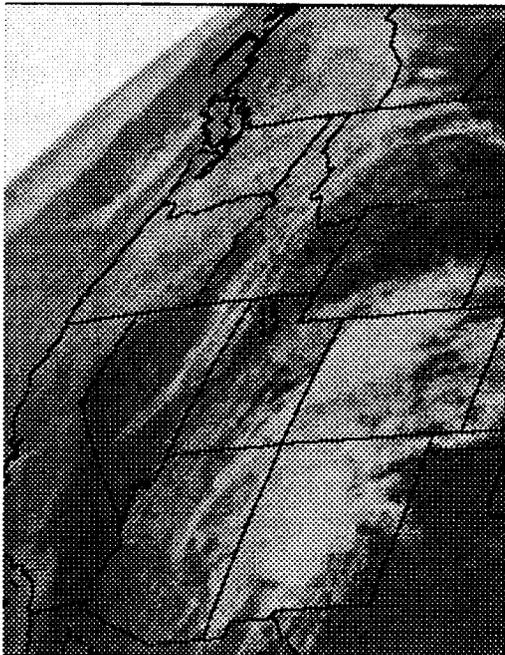
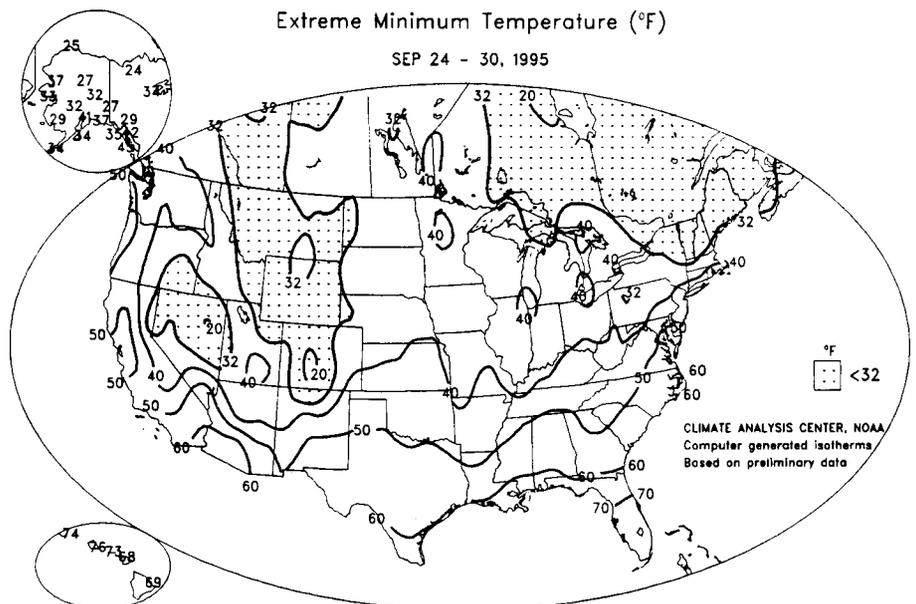
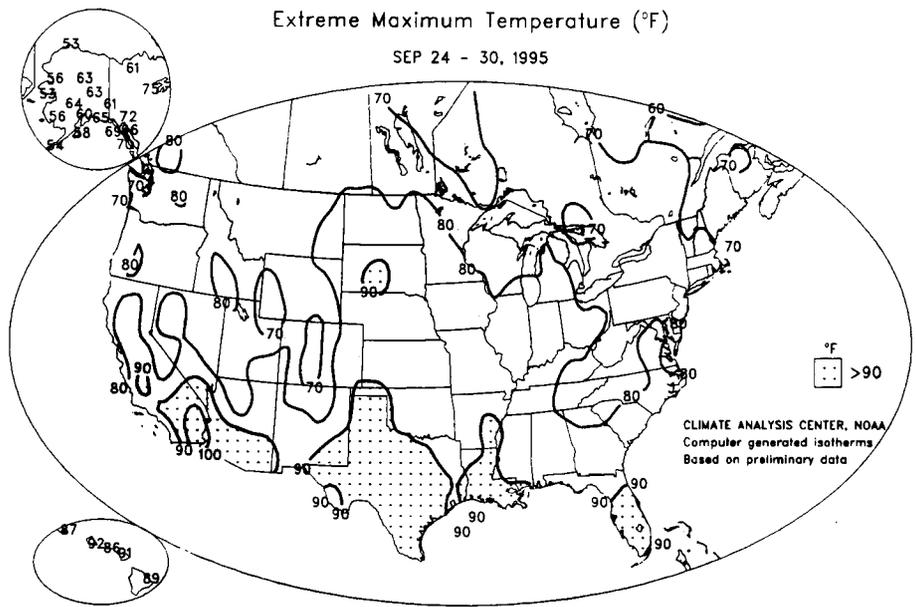
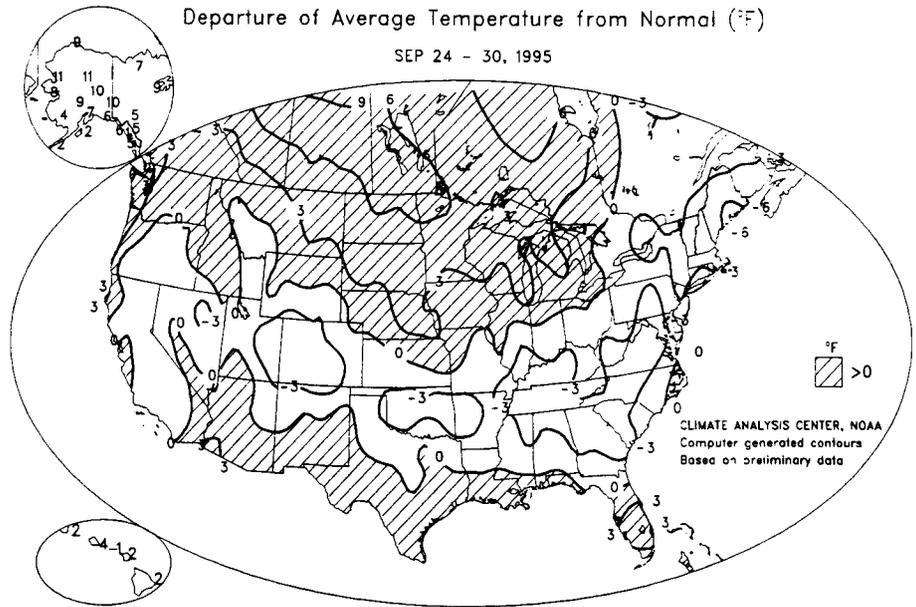


(Continued from front cover)

On Sunday, the high of 59°F in **Macon, GA** was their lowest September maximum on record. Elsewhere across **Georgia**, early-week rainfall totaled 3.55 inches in **Augusta** and 2.46 inches in **Savannah**. In eastern **Florida**, where locally heavy rain persisted through Thursday, weekly totals reached 5.55 inches in **Daytona Beach** and 3.29 inches in **Miami**. Farther north, Sunday lows of 35°F in **Paducah, KY** and 32°F in **Youngstown, OH** were among the final handful of records associated with last week's cold snap.

Warmth returned to the **Plains** by midweek, with highs on Thursday reaching 99°F in **Wink, TX**, 92°F in **Pierre, SD**, and 91°F in **Valentine, NE**. Also on September 28, heavy rain erupted in **Arizona**, where **Tucson's** daily total of 2.15 inches was 129 percent of their normal September total. A day later, showers spread northeastward throughout the **Four Corners States** and into the **central and southern Plains**, pushing weekly rainfall to 1.80 inches in **Tulsa, OK** and 1.22 inches in **Wichita, KS**. Elsewhere, rain fell on 4 to 7 days during the week from the **Cascades** westward, resulting in totals of 1 to 4 inches.

Heavy rain developed on Friday from the **central Plains** to the **western Great Lakes States**. In **Wyoming**, **Casper** (0.50 inches) and **Cheyenne** (0.47 inches) notched daily-record rainfalls. Late-week totals in the **northwestern Corn Belt** included 3.80 inches in **Alexandria, MN** and 2.71 inches in **Watertown, SD**. Toward week's end, a pair of high-pressure systems--one over the **Great Basin**, the other over the **Northeast**--sandwiched the region of storminess. On Friday, lows in the **Northeast** included 27°F in **Concord, NH** and 30°F in **Portland, ME**. On the final day of September, **Ely, NV** noted 20°F.



Sept. 28, 1995, 17:45 UTC

# National Weather Data for Selected Cities

## Weather Data for the Week Ending September 30, 1995

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY, PERCENT	NUMBER OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Sep 1	PCT. NORMAL SINCE Sep 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM		AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP.
															.01 INCH OR MORE				.50 INCH OR MORE	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	77	58	83	55	68	-2	.3	-.9	.3	5.5	141	29.9	71	93	59	0	0	0	0	0	0
MOBILE	84	65	87	62	75	0	.3	-1.1	1.2	20	54.7	106	93	58	0	0	0	0	0	0	0
MONTGOMERY	82	59	87	57	70	-1	.0	.8	1.2	33	27.9	64	91	50	0	0	0	0	0	0	0
AK ANCHORAGE	55	46	60	41	50	7	.7	.4	3.0	111	12.7	109	96	74	0	0	0	0	0	0	0
BARROW	38	31	53	25	35	9	.3	-1.1	.3	28	2.8	77	94	80	0	3	2	4	2	0	0
FAIRBANKS	58	40	63	32	49	10	.6	.4	1.3	161	8.3	100	91	64	0	1	2	1	1	0	0
JUNEAU	56	47	66	42	52	5	.3	-1.4	4.7	70	..	..	98	83	0	0	0	1	1	0	0
KODIAK	54	44	58	34	49	2	1.6	-1.1	7.7	19.2	275	71.1	149	96	79	0	0	0	6	5	1
NOME	51	40	53	33	45	8	.5	.0	3.3	1.6	65	11.5	98	94	72	0	0	0	6	0	0
AZ PHOENIX	95	72	99	65	84	2	.9	.8	.9	1.1	126	7.7	144	57	22	4	0	0	1	1	1
PRESOTT	77	53	81	41	65	4	.8	.5	.7	1.0	50	11.2	73	70	27	0	0	0	2	1	1
TUCSON	91	65	95	59	78	1	2.2	1.8	2.2	2.3	137	9.8	106	68	23	4	0	0	1	1	1
YUMA	98	75	104	68	87	3	.0	-1.1	.0	.2	58	3.2	144	65	18	7	0	0	0	0	0
AR FORT SMITH	75	56	88	44	66	-4	1.7	.9	1.4	4.0	123	31.4	104	94	58	0	0	0	4	1	1
LITTLE ROCK	78	56	88	48	67	-3	.1	-1.0	.1	1.2	26	26.6	74	81	44	0	0	0	1	0	0
CA BAKERSFIELD	84	57	92	52	71	-3	.0	-1.1	.0	.0	0	7.9	191	58	25	1	0	0	0	0	0
BUREKA	68	54	72	50	61	5	.5	.2	.3	.7	78	36.9	165	92	45	0	0	0	4	0	0
FRESNO	83	58	91	53	70	-1	.0	-1.1	.0	.0	0	15.2	208	79	26	1	0	0	0	0	0
LOS ANGELES	76	62	81	59	69	0	.7	-1.1	.7	.7	0	21.0	255	86	54	0	0	0	0	0	0
REDDING	83	59	87	56	71	0	.0	.3	.0	.0	0	46.6	229	68	27	0	0	0	0	0	0
SACRAMENTO	81	56	85	50	69	-1	.0	-1.1	.0	.0	0	23.8	212	89	58	0	0	0	0	0	0
SAN DIEGO	74	64	79	61	69	-1	.0	-1.1	.0	.0	0	15.9	243	82	58	0	0	0	0	0	0
SAN FRANCISCO	71	56	75	53	64	0	.7	-1.1	.7	.7	0	21.0	168	91	54	0	0	0	0	0	0
CO DENVER	68	44	80	38	56	-2	1.0	.7	.8	2.2	180	14.9	116	80	32	0	0	0	3	1	1
GRAND JUNCTION	72	48	84	38	60	-4	.5	.3	.5	.7	63	9.2	121	82	25	0	0	0	4	0	0
PUEBLO	73	38	84	28	56	-6	.7	-1.1	.7	1.4	153	15.3	156	88	30	0	0	2	1	1	1
CT BRIDGEPORT	68	52	75	47	60	-2	1.0	.3	.7	3.2	103	21.1	67	85	52	0	0	0	2	1	1
HARTFORD	68	44	75	35	56	-3	.8	.0	.6	3.2	83	24.8	76	91	48	0	0	0	2	1	1
DC WASHINGTON	70	54	80	52	62	-5	.7	.0	.3	3.7	113	24.2	82	96	58	0	0	0	3	0	0
FL PANAMA CITY	84	67	89	61	76	1	.1	-1.0	.1	1.1	20	37.6	71	96	62	0	0	0	2	0	0
DAYTONA BEACH	88	73	92	71	80	3	5.6	4.2	3.8	14.1	223	44.9	117	97	65	2	0	0	6	3	3
JACKSONVILLE	82	68	88	61	75	-2	.7	-.9	.3	5.4	77	41.2	102	97	76	0	0	0	3	0	0
KEY WEST	88	79	90	77	84	1	.6	-.7	.2	4.4	76	27.0	89	84	68	1	0	0	4	0	0
MILAMI	90	78	93	74	84	3	3.3	1.6	1.4	10.4	136	66.2	145	87	62	5	0	0	3	3	2
ORLANDO	92	73	94	72	83	3	1.9	.7	1.2	3.6	60	36.6	89	98	61	6	0	0	3	3	2
TALLAHASSEE	83	68	87	61	75	0	1.6	.6	1.6	3.7	66	41.4	77	94	67	0	0	0	1	1	1
TAMPA	90	75	92	73	82	3	.9	-1.1	.8	2.8	47	47.1	124	92	60	4	0	0	2	1	1
WEST PALM BEACH	89	77	92	75	83	2	1.8	.0	.6	7.5	105	49.9	109	88	61	4	0	0	4	2	2
GA ATLANTA	72	57	78	50	64	-5	.7	-.8	.7	2.5	74	30.8	78	95	68	0	0	0	0	0	0
AUGUSTA	77	59	83	51	68	-3	3.6	2.9	3.6	7.0	231	37.2	104	97	64	0	0	0	1	1	1
MACON	78	59	84	52	68	-3	.5	-1.1	.4	2.5	88	31.6	89	97	66	0	0	0	2	0	0
SAVANNAH	77	65	85	56	71	-3	2.5	1.7	2.4	4.1	92	45.5	109	94	72	0	0	0	3	1	1
HI HILO	86	70	89	69	78	2	2.8	.8	1.2	3.9	45	64.3	69	87	60	0	0	0	6	2	0
HONOLULU	91	78	92	76	85	4	.2	.0	.2	.3	40	10.7	82	76	51	7	0	0	1	0	0
KAHULUI	89	73	91	68	81	2	.7	-1.1	.7	.7	6	9.6	69	80	53	3	0	0	1	0	0
LIHUE	86	75	87	74	81	2	.4	-.4	.1	2.1	88	18.2	65	86	63	0	0	0	5	0	0
ID BOISE	72	47	78	38	59	1	.1	-1.1	.1	.2	28	9.3	109	62	26	0	0	0	1	0	0
LEWISTON	69	50	84	44	60	0	1.0	.8	.8	1.2	150	12.4	135	78	41	0	0	0	3	1	1
POCATELLO	69	37	77	26	53	-2	.1	-1.1	.1	.5	59	12.5	140	77	24	0	2	1	1	0	0
IL CHICAGO	76	51	84	37	63	3	.7	-.8	.7	1.0	27	24.4	87	80	35	0	0	0	1	0	0
MOLINE	75	49	81	31	62	1	1.2	.3	1.1	1.9	48	28.8	92	90	38	0	1	2	1	1	1
PEORIA	77	47	85	35	62	0	.5	-.4	.5	1.5	38	27.8	98	88	36	0	0	0	1	0	0
QUINCY	73	50	82	37	62	-1	1.2	.2	1.1	2.0	43	29.2	94	78	39	0	0	0	2	1	1
ROCKFORD	75	48	82	35	62	2	.6	-.2	.6	2.0	52	25.7	89	94	36	0	0	0	1	1	1
SPRINGFIELD	78	49	86	34	64	0	.7	-.7	.7	.7	20	26.5	97	88	32	0	0	0	1	0	0
IN EVANSVILLE	79	49	85	40	64	-3	.7	-.7	.7	.5	15	38.9	112	89	34	0	0	0	0	0	0
FORT WAYNE	77	46	85	37	62	1	.0	-.6	.0	.4	16	24.9	94	86	30	0	0	0	0	0	0
INDIANAPOLIS	76	47	81	37	61	-1	.0	-.6	.0	1.3	44	28.0	91	92	35	0	0	0	0	0	0
SOUTH BEND	76	48	83	37	62	2	.7	-.8	.7	.9	25	32.2	109	84	31	0	0	0	0	0	0
IA DES MOINES	74	50	82	41	62	2	1.5	-.6	1.3	3.1	82	28.1	100	85	42	0	0	0	2	1	1
SIoux CITY	76	45	84	32	61	2	.6	-1.1	.3	3.5	122	21.2	96	94	49	0	1	4	0	0	0
WATERLOO	74	47	82	36	60	3	1.0	-.2	.6	2.4	70	25.4	91	90	42	0	0	0	3	1	1
KS CONCORDIA	77	53	85	43	65	2	.3	-.3	.3	1.6	54	24.0	96	94	50	0	0	0	1	0	0
DODGE CITY	73	52	87	46	63	-2	.1	-.3	.1	1.3	68	18.7	100	93	51	0	0	0	1	0	0
GOODLAND	73	44	81	37	59	-1	.1	-.2	.1	1.5	97	18.9	117	93	42	0	0	0	1	0	0
POPEA	78	52	84	39	65	1	.4	-.5	.3	2.9	75	35.0	121	92	43	0	0	0	2	0	0
WICHITA	77	54	87	46	66	-1	1.2	-.4	.9	2.0	53	33.5	118	89	47	0	0	0	2	1	1
KY BOWLING GREEN	76	47	83	40	62	-4	.3	-.6	.3	2.7	74	27.9	72	97	46	0	0	0	1	0	0
LEXINGTON	73	49	80	39	61	-3	.7	-.7	.7	.8	86	40.5	117	93	46	0	0	0	0	0	0
LOUISVILLE	76	50	82	41	63	-2	.0	-.7	.0	1.3	41	29.7	86	92	41	0	0	0	0	0	0
LA BATON ROUGE	89	64	90	60	77	1	.0	-1.0	.0	2.7	55	57.5	121	90	47	4	0	0	0	0	0
LAKE CHARLES	89	66	91	59	78	3	.0	-1.2	.0	4.8	83	48.9	118	93	54	4	0	0	0	0	0
NEW ORLEANS	87	68	89	64	77	2	.0	-1.1	.0	.7	13	54.8	113	92	56	0	0	0	0	0	0
SREVEPORT	86	59	91	52	73	0	.0	-.9	.0	3.4	89	35.3	96	90	42	3	0	0	0	0	0

Based on 1961-90 normals.

Weather Data for the Week Ending September 30, 1995

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT	NUMBER OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Sep 1	PCT. NORMAL SINCE Sep 1	TOTAL, IN., SINCE Jan 1		PCT. NORMAL SINCE Jan 1	AVERAGE	MAXIMUM	MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	
													.01 INCH OR MORE							.50 INCH OR MORE	
ME CARIBOU	59	35	72	28	47	-2	.2	-.6	.2	1.9	55	22.7	85	87	39	0	0	0	0	0	
PORTLAND	60	39	66	30	49	-6	.1	-.7	.1	2.3	74	24.6	80	92	56	0	0	0	0	0	
MD BALTIMORE	71	54	80	51	63	-2	.7	.0	.4	3.3	98	23.4	75	94	60	0	0	0	0	0	
MA BALSIBURY	75	55	81	51	65	0	.1	-.7	.1	2.0	53	19.5	55	95	52	0	0	0	0	0	
BOSTON	63	50	73	46	57	-5	.3	-.4	.2	3.6	118	20.3	68	85	51	0	0	0	0	0	
CHATHAM	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
MI ALPENA	68	42	79	28	55	2	.1	-.6	.1	1.7	55	17.1	76	91	44	0	0	0	0	0	
DETROIT	74	50	80	42	62	3	.0	-.6	.0	4.6	21	19.9	79	81	34	0	0	0	0	0	
FLINT	72	45	80	34	59	1	.0	-.7	.0	1.1	29	17.7	76	88	37	0	0	0	0	0	
GRAND RAPIDS	72	45	80	37	59	2	.4	-.9	.4	1.5	36	26.6	98	98	38	0	0	0	0	0	
HOUGHTON LAKE	69	44	78	33	57	3	.1	-.7	.1	1.7	49	22.5	103	88	38	0	0	0	0	0	
LANSING	73	45	80	33	59	2	.4	-.8	.4	1.1	27	18.1	75	93	38	0	0	0	0	0	
MARQUETTE	67	44	75	33	55	5	.3	-.7	.2	5.3	129	28.9	110	92	41	0	0	0	0	0	
MUSKOGON	70	45	80	35	58	0	.4	-.8	.4	1.0	26	19.2	81	92	37	0	0	0	0	0	
SAULT ST. MARIE	62	44	75	31	53	1	.2	-.7	.1	5.0	134	29.3	119	92	44	0	0	0	0	0	
MN ALEXANDRIA	69	48	82	39	58	4	3.8	3.2	2.3	4.2	158	21.2	99	97	57	0	0	0	0	0	
DULUTH	65	48	73	40	56	6	1.5	.7	.9	3.0	79	26.7	109	95	51	0	0	0	0	0	
INT'L FALLS	67	42	79	34	55	6	2.0	1.3	1.5	3.6	113	18.7	92	95	51	0	0	0	0	0	
MINNEAPOLIS	71	48	81	37	60	3	1.5	.9	.8	2.2	81	20.0	85	93	52	0	0	0	0	0	
ROCHESTER	70	47	78	34	58	3	.8	-.1	.4	2.3	67	22.1	89	95	51	0	0	0	0	0	
MS GREENWOOD	86	57	90	50	71	0	.0	-.8	.0	.3	9	29.9	75	90	36	1	0	0	0	0	
JACKSON	82	58	88	54	70	-2	.0	-.7	.0	1.5	51	40.8	100	92	49	0	0	0	0	0	
MERIDIAN	80	59	88	53	70	-2	.0	-.8	.0	1.4	41	36.8	85	96	52	0	0	0	0	0	
MO CAPE GIRARDEAU	76	50	84	36	63	-3	.4	-.8	.4	1.2	31.4	96	96	33	0	0	0	0	0	0	
COLUMBIA	76	48	86	37	62	-1	.4	-.6	.3	.5	14	43.0	146	92	43	0	0	0	0	0	
KANSAS CITY	77	51	83	38	64	0	.6	-.5	.4	1.7	36	32.4	105	94	48	0	0	0	0	0	
SANIT LOUIS	78	55	86	42	67	1	.2	-.5	.2	.7	24	35.6	125	97	52	0	0	0	0	0	
SPRINGFIELD	76	51	86	38	63	-2	.6	-.5	.6	2.4	51	37.9	114	85	39	0	0	0	0	0	
MT BILLINGS	70	44	76	33	57	3	.1	-.3	.1	1.0	74	14.1	114	69	26	0	0	0	0	0	
GLASGOW	74	38	79	30	56	3	.4	-.2	.4	.1	14	11.4	117	68	22	0	0	0	0	0	
GREAT FALLS	70	38	75	30	54	1	.4	-.3	.4	.9	74	12.8	99	83	29	0	0	0	0	0	
HAVRE	73	36	81	26	55	3	.1	-.2	.1	.7	59	14.0	144	79	26	0	0	0	0	0	
HELENA	69	33	74	25	51	0	.4	-.2	.4	1.6	138	10.6	107	89	34	0	0	0	0	0	
KALISPELL	61	35	72	29	48	-1	.6	-.3	.3	1.1	90	13.9	110	95	55	0	0	0	0	0	
MILES CITY	75	41	82	30	58	3	.4	-.3	.4	.3	21	11.0	91	66	20	0	0	0	0	0	
MISSOULA	64	37	73	31	50	-1	.3	-.1	.2	2.6	229	11.6	108	92	50	0	0	0	0	0	
NE GRAND ISLAND	77	49	84	37	63	3	.2	-.4	.2	1.5	53	21.2	97	89	32	0	0	0	0	0	
LINCOLN	79	49	86	34	64	3	.2	-.5	.2	2.5	72	21.5	90	83	35	0	0	0	0	0	
NORFOLK	76	48	85	37	62	3	.9	-.4	.9	5.3	218	30.0	137	89	37	0	0	0	0	0	
NORTH PLATTE	76	43	84	32	59	3	.7	-.3	.6	2.0	123	16.4	95	93	35	0	0	0	0	0	
OMAHA	77	51	85	39	64	3	.2	-.7	.1	1.7	45	23.0	92	87	35	0	0	0	0	0	
SCOTTSBLUFF	72	39	85	30	56	-1	.4	-.2	.3	1.2	105	15.2	114	91	31	0	0	0	0	0	
VALENTINE	78	43	91	34	60	1	.4	-.1	.4	.8	32	17.9	90	86	27	1	0	0	0	0	
NV RLY	70	32	76	20	51	-1	.4	-.3	.4	.1	12	10.2	117	81	15	0	0	0	0	0	
LAS VEGAS	89	65	95	56	77	1	.0	-.1	.0	.0	0	3.7	130	41	15	4	0	0	0	0	0
RENO	74	38	81	31	56	-1	.0	-.1	.0	.0	0	10.0	189	84	21	0	0	0	0	0	0
WINDHECCA	73	36	82	26	55	-1	.4	-.2	.4	.1	15	8.1	140	65	16	0	0	0	0	0	0
NH CONCORD	65	38	73	27	51	-4	.3	-.4	.2	2.7	96	23.6	90	94	51	0	0	0	0	0	0
NJ ATLANTIC CITY	71	52	77	47	62	0	.3	-.3	.3	3.9	133	24.9	82	92	54	0	0	0	0	0	0
NM ALBUQUERQUE	77	53	84	49	65	0	.6	-.4	.6	2.3	232	5.5	78	68	22	0	0	0	0	0	0
CLOVIS	80	54	89	49	67	2	.3	-.2	.3	2.0	91	9.7	65	88	30	0	0	0	0	0	0
ROSWELL	83	57	92	53	70	1	.1	-.1	.1	.1	...	...	...	...	...	...	...	...	...	...	...
NY ALBANY	65	42	72	32	54	-4	.4	-.6	.4	1.6	54	19.3	71	89	33	1	0	0	0	0	0
BINGHAMTON	65	43	72	30	54	-2	.1	-.7	.1	3.5	106	21.1	76	95	47	0	0	0	0	0	0
BUFFALO	70	45	80	36	57	-1	.4	-.7	.4	1.3	38	20.9	75	85	44	0	0	0	0	0	0
NEW YORK	68	56	76	52	62	-3	.6	-.2	.4	2.4	71	22.9	72	81	49	0	0	0	0	0	0
ROCHESTER	70	44	79	37	57	-1	.1	-.6	.1	1.5	51	18.6	78	91	44	0	0	0	0	0	0
SYRACUSE	68	41	74	35	55	-3	.1	-.7	.1	2.6	69	18.0	62	94	43	0	0	0	0	0	0
NC ASHEVILLE	70	51	75	46	60	-2	.4	-.9	.4	2.0	45	43.0	100	98	64	0	0	0	0	0	0
CHARLOTTE	73	57	79	48	65	-4	.9	-.1	.9	2.5	71	34.8	105	92	57	0	0	0	0	0	0
GREENSBORO	71	53	76	48	62	-4	.1	-.7	.1	2.3	64	30.6	93	91	58	0	0	0	0	0	0
HATTERAS	79	70	82	67	74	3	.5	-.6	.5	8.4	158	53.6	129	90	60	0	0	0	0	0	0
NEW BERN	79	63	84	55	71	0	.2	-.8	.2	3.3	65	20.9	47	96	60	0	0	0	0	0	0
RALEIGH	74	56	78	50	65	-2	.4	-.3	.4	2.5	77	32.9	102	98	54	0	0	0	0	0	0
WILMINGTON	77	61	82	53	69	-2	.1	-.3	.1	6.9	101	52.2	113	97	65	0	0	0	0	0	0
ND BISMARCK	74	41	83	32	57	5	.4	-.3	.4	.8	54	16.7	123	83	34	0	0	0	0	0	0
FARGO	72	46	87	33	59	6	1.6	1.1	1.6	2.6	130	17.8	109	83	40	0	0	0	0	0	0
GRAND FORKS	72	45	85	39	59	7	.4	-.1	.4	2.4	107	21.9	139	89	38	0	0	0	0	0	0
WILLISTON	74	36	83	31	55	4	.4	-.3	.4	.5	41	13.1	110	84	25	0	0	0	0	0	0
OH AKRON-CANTON	71	45	78	35	58	-2	.0	-.7	.0	.9	26	26.9	94	91	41	0	0	0	0	0	0
CINCINNATI	75	47	81	40	61	-2	.7	-.7	.7	2.4	84	33.8	106	92	40	0	0	0	0	0	0
CLEVELAND	73	47	82	36	60	0	.0	-.7	.0	1.0	30	29.6	107	86	40	0	0	0	0	0	0
COLUMBUS	76	47	83	40	62	2	.0	-.7	.0	1.2	37	36.8	126	94	41	0	0	0	0	0	0
DAYTON	75	47	81	35	61	-1	.4	-.6	.4	1.0	41	40.8	145	86	34	0	0	0	0	0	0

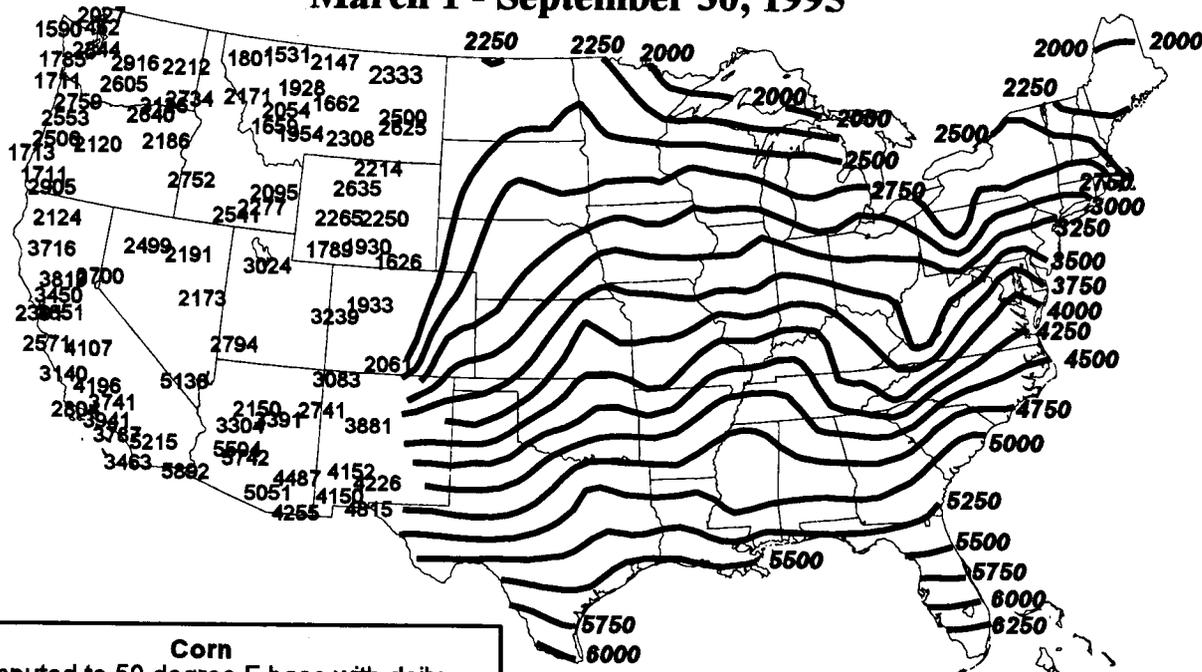
Based on 1961-90 normals.

Weather Data for the Week Ending September 30, 1995

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT	NUMBER OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Sep 1	PCT. NORMAL SINCE Sep 1	TOTAL, IN., SINCE Jan 1		PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		
													90 AND ABOVE				32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
TOLEDO	76	47	83	35	62	2	.7	-.6	.7	1.4	49	24.0	96	88	31	0	0	0	0
YOUNGSTOWN	71	44	79	32	58	-1	.0	-.8	.0	1.0	35	31.8	76	90	41	0	0	0	0
OK OKLAHOMA CITY	75	56	86	45	66	-3	1.4	-.5	.8	6.1	158	38.9	108	93	61	0	0	0	0
TULSA	75	55	87	44	65	-4	1.8	-.7	1.5	4.8	102	38.7	122	91	60	0	0	0	0
OR ASTORIA	66	54	68	51	60	3	1.8	-.9	.6	2.2	75	40.2	100	97	73	0	0	0	0
BURNS	68	33	77	30	51	-1	.9	-.1	.7	1.1	13	9.9	145	85	30	0	3	3	0
MEDFORD	73	53	86	48	63	1	.1	-.1	.1	1.1	14	14.4	133	85	37	0	0	0	0
PENDLETON	72	51	83	44	61	3	.3	-.1	.1	1.1	92	12.1	152	79	36	0	0	0	0
PORTLAND	70	56	80	52	63	3	1.2	-.7	.4	1.3	75	23.7	107	88	45	0	0	0	0
SALEM	69	54	80	50	62	3	1.4	-.9	.4	1.8	117	28.1	121	96	56	0	0	0	0
PA ALLENTOWN	68	48	75	39	58	-3	.9	-.0	.7	2.5	64	24.7	74	93	49	0	0	0	0
ERIE	70	50	79	38	60	-1	.3	-.3	-.1	1.1	12	20.8	69	77	45	0	0	0	0
HARRISBURG	70	50	78	40	60	-2	.7	-.1	.6	1.9	53	23.6	76	97	82	0	0	0	0
PHILADELPHIA	72	55	79	50	63	1	.9	-.0	.8	3.6	86	20.1	57	93	60	0	0	0	0
PITTSBURGH	74	48	81	39	61	1	.0	-.7	.0	1.8	61	21.3	74	90	44	0	0	0	0
SCRANTON	68	46	74	36	57	-2	.3	-.5	.3	2.1	64	17.2	62	90	45	0	0	0	0
RI PROVIDENCE	67	48	72	42	58	-3	.4	-.5	.3	3.9	111	24.8	75	86	53	0	0	0	0
SC CHARLESTON	77	63	84	54	70	-3	2.4	1.5	1.8	8.0	169	43.1	100	95	71	0	0	0	0
COLUMBIA	77	61	82	52	69	-1	.5	-.3	.5	5.5	150	46.3	115	93	63	0	0	0	0
FLORENCE	77	61	84	52	69	-2	.4	-.3	.4	2.0	58	33.1	93	96	64	0	0	0	0
GREENVILLE	73	57	80	48	65	-3	.4	-.3	.4	2.1	54	46.9	119	93	59	0	0	0	0
SD ABERDEEN	73	42	85	33	58	3	.8	-.4	.8	1.5	77	20.0	109	96	56	0	0	0	0
BURON	74	44	84	35	59	3	1.5	1.1	1.1	2.9	168	26.8	154	93	42	0	0	0	0
RAPID CITY	75	43	89	37	59	4	.0	-.3	.0	1.6	50	16.4	113	65	22	0	0	0	0
STOCK FALLS	74	47	84	39	61	5	1.0	-.9	.7	1.9	62	27.2	134	93	25	0	0	0	0
TW CHATTANOOGA	74	55	80	52	64	-4	.4	-.9	.7	5.5	133	39.5	98	93	58	0	0	0	0
MEMPHIS	75	55	80	50	65	-1	.4	-.3	.4	2.5	80	30.6	85	96	55	0	0	0	0
MEMPHIS	81	56	87	46	69	-2	.4	-.7	.1	1.0	40	40.6	105	86	36	0	0	0	0
NASHVILLE	76	52	82	50	64	-4	.1	-.5	.3	5.0	145	37.0	103	94	52	0	0	0	0
TX ABILENE	83	63	91	55	73	1	.1	-.7	.1	2.4	75	21.6	111	86	47	0	0	0	0
AMARILLO	77	52	93	46	65	-1	.1	-.1	.2	2.6	130	17.1	100	93	40	0	0	0	0
AUSTIN	88	64	90	52	76	-2	.3	-.8	.7	1.8	53	27.7	124	93	30	0	0	0	0
BRACKMONT	88	66	90	58	77	1	.0	-1.4	.0	1.6	10	40.3	93	96	49	0	0	0	0
BROWNVILLE	91	72	93	65	81	1	.2	-1.2	.2	2.2	36	18.4	87	94	45	0	0	0	0
CORPUS CHRISTI	89	71	91	62	80	1	.0	-1.2	.0	4.0	72	23.2	96	93	42	0	0	0	0
DEL RIO	89	68	93	59	78	2	.0	-.7	.0	3.1	109	11.4	59	80	48	0	0	0	0
EL PASO	86	60	90	58	73	2	.2	-.2	.2	1.6	94	6.0	85	78	26	0	0	0	0
FORT WORTH	84	63	91	52	73	2	.0	-1.2	.0	1.5	32	31.9	111	88	49	0	0	0	0
GALVESTON	85	73	87	65	79	1	1.7	-.5	1.7	1.8	31	26.5	81	86	57	0	0	0	0
HOUSTON	90	66	92	56	78	3	.0	-1.3	.0	2.5	44	33.2	84	91	47	0	0	0	0
LURBOCK	78	57	90	51	67	0	.8	-.2	.5	8.2	314	17.9	116	99	51	0	0	0	0
MIDLAND	87	59	96	52	73	2	.1	-.6	.1	1.8	54	10.3	82	95	38	0	0	0	0
SAN ANGELO	86	62	93	53	74	2	.2	-.8	.7	2.3	67	17.4	108	89	44	0	0	0	0
SAN ANTONIO	88	65	91	56	77	0	.0	-.8	.0	4.5	132	20.6	87	91	45	0	0	0	0
VICTORIA	90	66	94	58	78	2	.0	-1.5	.0	4.8	75	26.3	76	93	46	0	0	0	0
WACO	86	62	90	51	74	-1	.0	-.9	.0	3.9	110	33.6	138	94	49	0	0	0	0
WICHITA FALLS	82	59	91	48	70	-1	.4	-.6	.4	1.0	24	20.9	82	90	52	0	0	0	0
UT CEDAR CITY	74	45	79	32	60	1	.1	-.1	.1	1.1	5	10.4	118	57	20	0	1	1	0
SALT LAKE CITY	73	47	80	39	60	-1	1.0	-.7	1.0	1.3	104	14.4	119	67	25	0	0	0	0
VT BURLINGTON	64	40	71	31	52	-2	.5	-.2	.3	3.0	90	20.5	79	91	46	0	1	3	0
VA NORFOLK	74	63	77	55	68	0	.1	-.7	.0	5.1	129	26.2	74	87	63	0	0	0	0
RICHMOND	72	53	80	49	63	-3	.3	-.5	.1	3.8	114	24.7	74	96	37	0	0	0	0
ROANOKE	70	50	79	46	60	-4	.4	-.4	.4	2.0	58	31.3	100	92	57	0	0	0	0
WA QUILLAYUTE	62	51	65	49	57	2	1.5	.0	.5	1.7	35	56.0	87	99	63	0	0	0	0
SEATTLE-TACOMA	66	54	72	50	60	2	.7	-.1	.3	.9	48	21.9	99	92	60	0	0	0	0
SPOKANE	65	46	75	42	55	1	.9	.7	.4	2.0	278	16.4	150	87	49	0	0	0	0
YAKIMA	72	41	80	36	57	0	.2	-.1	.1	.3	62	6.3	124	76	34	0	0	0	0
WV BECKLEY	65	46	72	42	55	-4	.7	-.1	.5	2.9	88	31.4	98	95	60	0	0	0	0
CHARLESTON	71	47	77	46	59	-4	.2	-.6	.1	2.8	85	36.9	113	99	51	0	0	0	0
HUNTINGTON	73	48	79	45	60	-1	.1	-.6	.0	3.7	114	34.2	103	98	45	0	0	0	0
PARKERSBURG	74	47	80	37	61	-3	.7	-.6	.7	1.1	37	...	...	98	45	0	0	0	0
WI GREEN BAY	70	47	78	33	59	4	.3	-.4	.3	2.8	80	21.1	92	93	47	0	0	0	0
LACROSSE	71	50	81	39	61	3	.5	-.3	...	2.2	59	24.6	97	95	49	0	0	0	0
MADISON	72	46	80	31	59	2	.5	-.3	.4	1.8	48	25.4	98	86	39	0	1	2	0
MILWAUKEE	73	51	81	40	62	4	.1	-.7	.1	1.2	35	21.9	85	83	40	0	0	0	0
WAUSAU	68	46	76	33	57	3	.3	-.6	.2	2.4	55	27.6	103	93	47	0	0	0	0
WY CASPER	68	39	78	29	54	0	.8	-.5	.5	2.6	272	16.9	167	72	24	0	1	4	0
CHEYENNE	65	39	74	31	52	-1	.5	-.3	.5	3.4	267	18.8	148	73	34	0	1	2	0
LANDER	67	40	78	32	53	-1	.4	-.1	.4	1.5	132	16.5	157	75	27	0	1	2	0
SHERIDAN	70	39	79	32	55	2	.6	-.3	.5	2.1	155	14.5	123	79	29	0	2	2	1
PR SAN JUAN	90	78	93	76	84	1	.7	-.6	.3	7.2	136	42.7	119	88	66	3	0	0	0

Based on 1961-90 normals.

### Total Growing Degree Days March 1 - September 30, 1995

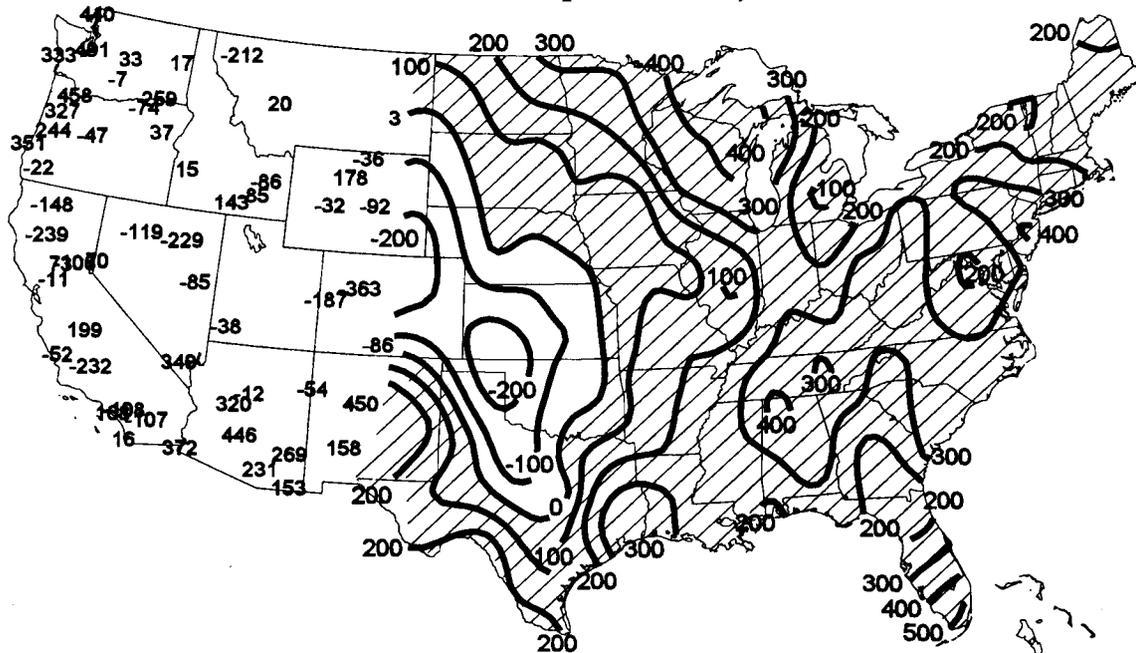


**Corn**  
 Computed to 50 degree F base with daily maximum temperature limited to 86 degrees F or less and daily minimum to 50 degrees F or more.

### Last chart for season

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY  
Based on preliminary data

### Growing Degree Days Departure from Normal March 1 - September 30, 1995



### Last chart for season

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY  
Based on preliminary data

## National Agricultural Summary

### HIGHLIGHTS for Sep. 25 - Oct. 1, 1995

A return to summer-like weather across the Central States allowed harvest activity to make good progress. Condition for all crops declined from last week, reflecting producers' assessment of crop damage from last week's freeze. The late spring planting left soybeans susceptible to an early freeze. Some soybean fields were 1 to 2 weeks from the stage of development needed to protect them from the freeze. Many soybean plants that sustained freeze damage were green and have shut-down. Damage to

corn was limited due to the maturity of the crop. The accelerated development from the summer's heat wave left corn fields mature enough to endure the freeze. Heavy rains fell from the southern Great Plains to the Great Lakes region, bringing pre-planting moisture for winter wheat seeding, but slowing harvest activity. A late-week storm brought heavy rains to the Pacific Northwest, causing small grain planting delays.

The **winter wheat** crop in the 19 major producing States was 41 percent (%) planted, 12 percentage points behind the 5-year average. Wet conditions in the Northwest slowed field activities. Planting progress in Colorado, Kansas, and Nebraska increased by at least 20 points, but all three States remained behind the average. Persistent dry soil conditions in Kansas left wheat seeding 22 points behind the average. Showers hindered planting in the middle and upper Mississippi Valley. Wet conditions slowed planting progress in Texas, where armyworms caused some problems in emerged fields. Winter wheat emerged for the major producing States was 16% complete, 10 points behind the average.

**Corn** condition in the 17 major producing States at 52% good to excellent declined slightly from last week. Corn mature was rated at 89% of the acreage, 14 points ahead of the average. Crop maturity was ahead of the average in the Great Lakes region. The previous week's freezing temperatures caused limited damage to the corn crop. Producers in the western Corn Belt were harvesting corn at high moisture levels because of increased ear droppage. Corn moisture content in Minnesota average 27%, compared to 29% for the 5-year average. Corn harvested at 17% was 2 points behind last year and the average. Harvest activity was slowed by heavy weekend storms in the western Corn Belt.

**Cotton** condition was 35 percent good to excellent in the 14 major producing States, down 2 points from last week. Cotton bolls opening was 76% complete, up 7 points from last week and 2 points ahead of the average for the Nation. Cotton acreage harvested was estimated at 23%, up 7 points from last week and 3 points ahead of the average. Harvest progress was ahead of the average in the Gulf Coast States. Cotton condition declined in Georgia due to damp weather and boll rot, and hard lock problems. Lower than expected yields were reported in

Louisiana. Cotton in the Texas Plains suffered from too much rain and cool weather, while the cotton harvest resumed in central Texas after fields dried. Some cotton in central Arizona was lost to hail, high winds, and heavy rains. Cotton defoliation continued on early planted fields in the San Joaquin Valley, but progress remained a couple of weeks behind normal. The cotton harvest resumed in central Texas after fields dried.

**Sorghum** condition declined with 38% of the crop rated good to excellent, compared with 46% last week. About 93% of the sorghum acres showed coloring, up 6 points from last week. Sorghum acreage mature, at 56%, is 11 points behind the average, and harvest, at 30%, was 5 points below the average. Late-planted sorghum was vulnerable to an early frost, and damage from last week's freeze was expected in the central Great Plains. Sorghum in the Texas High Plains made good progress despite cool, wet weather.

**Rice** harvest reached 73% complete, 7 points ahead of the average, but 5 points behind last year. Harvest activity gained momentum in California and at 10% complete was 20 points behind the normal. The harvest made good progress in Texas and Arkansas.

**Soybean** condition rated 44% good to excellent, 3 points less than last week. Soybeans dropping leaves, at 79%, was 6 points ahead of the average. Leaf dropping in Nebraska increased 65 points from last week due to the freeze. Soybean acreage harvested, at 15%, is 11 points less than last year and 3 points less than the average. Frost damage was reported in the Midwest in late-planted soybean fields. Many late planted and double crop soybean fields in the Ohio Valley were killed by last week's freeze. In South Dakota, many soybean fields were green at the time of the freeze. Soybeans harvested in Wisconsin had moisture levels as low as 11 percent.

# Crop Progress and Condition

## Week Ending October 1, 1995

### Soybeans Percent Dropping Leaves

	Oct 1 1995	Prev Week	Prev Year	5-Yr Avg
AL	55	50	40	40
AR	28	17	31	23
GA	40	33	58	57
IL	85	51	95	83
IN	99	83	95	87
IA	91	58	100	83
KS	65	37	89	81
KY	53	35	48	43
LA	66	51	61	51
MI	96	90	59	76
MN	98	86	98	83
MS	77	57	71	48
MO	49	18	72	61
NE	91	26	99	91
NC	28	16	32	28
OH	100	92	98	91
SC	7	2	7	10
SD	89	61	98	86
TN	55	43	44	39
ALL	79	54	83	73

These 19 States produced 94% of the 1994 soybean crop.

### Soybeans Percent Harvested

	Oct 1 1995	Prev Week	Prev Year	5-Yr Avg
AL	3	2	3	6
AR	5	3	8	5
GA	1	1	5	3
IL	23	4	36	27
IN	33	10	22	19
IA	13	2	39	21
KS	2	1	32	20
KY	5	2	4	4
LA	31	21	23	17
MI	20	3	9	7
MN	12	4	19	19
MS	42	36	27	13
MO	2	0	13	9
NE	5	0	52	31
NC	2	0	0	0
OH	24	7	22	17
SC	0	0	0	0
SD	7	2	31	26
TN	3	1	5	3
ALL	15	5	26	18

These 19 States produced 94% of the 1994 soybean crop.

### Winter Wheat Percent Planted

	Oct 1 1995	Prev Week	Prev Year	5-Yr Avg
AR	3	1	9	6
CA	0	0	0	0
CO	72	51	88	87
GA	3	2	2	3
ID	46	34	37	46
IL	5	1	9	9
IN	13	5	14	14
KS	35	12	58	57
MI	29	13	34	36
MO	10	5	13	11
MT	65	29	38	58
NE	85	59	92	89
NC	9	6	24	13
OH	21	4	17	13
OK	26	18	68	56
OR	33	21	14	37
SD	90	74	88	89
TX	43	35	49	49
WA	70	60	52	69
ALL	41	25	53	53

These 19 States produced 92% of the 1994 winter wheat crop.

### Winter Wheat Percent Emerged

	Oct 1 1995	Prev Week	Prev Year	5-Yr Avg
AR	0	NA	3	1
CA	0	NA	0	0
CO	38	NA	58	51
GA	1	NA	2	1
ID	14	NA	14	17
IL	0	NA	2	2
IN	0	NA	0	0
KS	9	NA	33	27
MI	3	NA	0	13
MO	0	NA	0	2
MT	11	NA	15	21
NE	50	NA	64	56
NC	0	NA	0	1
OH	0	NA	0	0
OK	5	NA	14	20
OR	10	NA	3	11
SD	57	NA	64	64
TX	20	NA	28	26
WA	53	NA	43	50
ALL	16	NA	27	26

These 19 States produced 92% of the 1994 winter wheat crop.

### Corn Percent Mature

	Oct 1 1995	Prev Week	Prev Year	5-Yr Avg
CO	37	13	83	61
GA	100	100	100	100
IL	93	69	96	81
IN	95	83	86	76
IA	94	79	100	82
KS	70	54	98	92
KY	89	84	89	84
MI	95	90	44	40
MN	98	79	94	62
MO	69	49	97	90
NE	81	30	97	84
NC	100	100	100	99
OH	80	47	53	58
PA	74	64	29	31
SD	81	49	95	70
TX	95	92	98	94
WI	92	83	69	50
ALL	89	67	89	75

These 17 States produced 91% of the 1994 corn crop.

### Corn Percent Harvested

	Oct 1 1995	Prev Week	Prev Year	5-Yr Avg
CO	0	0	17	7
GA	97	95	92	91
IL	20	7	12	21
IN	23	13	10	16
IA	9	4	12	12
KS	12	8	56	43
KY	55	41	33	35
MI	17	10	10	7
MN	12	5	6	6
MO	25	21	39	35
NE	2	0	20	16
NC	83	70	63	65
OH	11	4	7	11
PA	21	10	3	5
SD	3	1	10	13
TX	82	76	83	81
WI	13	7	5	5
ALL	17	10	18	19

These 17 States produced 93% of the 1994 corn crop.

# Crop Progress and Condition

Week Ending October 1, 1995

## Cotton Percent Bolls Opening

	Oct 1 1995	Prev Week	Prev Year	5-Yr Avg
AL	85	77	67	77
AZ	100	99	100	98
AR	93	90	75	76
CA	90	70	100	98
GA	89	80	76	78
LA	97	93	98	95
MS	99	97	98	94
MO	82	67	82	79
NM	77	63	90	78
NC	94	88	98	90
OK	13	9	83	57
SC	75	69	75	86
TN	97	92	97	90
TX	57	50	65	54
ALL	76	69	80	74

These 14 States produced 99% of the 1994 cotton crop.

## Cotton Percent Harvested

	Oct 1 1995	Prev Week	Prev Year	5-Yr Avg
AL	27	15	6	21
AZ	12	10	21	20
AR	13	6	19	15
CA	2	1	4	4
GA	26	14	5	16
LA	46	23	36	34
MS	48	25	25	23
MO	13	6	13	15
NM	0	0	0	0
NC	9	3	11	10
OK	0	0	14	5
SC	10	5	8	15
TN	13	6	17	18
TX	26	24	30	25
ALL	23	16	21	20

These 14 States produced 99% of the 1994 cotton crop.

## Rice Percent Harvested

	Oct 1 1995	Prev Week	Prev Year	5-Yr Avg
AR	73	55	81	60
CA	10	3	41	30
LA	96	96	92	93
MS	93	85	78	80
TX	97	90	96	95
ALL	73	62	78	66

These 5 States produced 96% of the 1994 rice crop.

## Soybeans Crop Condition by Percent

	VP	P	F	G	EX
AL	5	19	59	17	0
AR	8	21	35	29	7
GA	0	9	30	61	0
IL	3	16	45	33	3
IN	3	15	48	30	4
IA	3	10	34	46	7
KS	2	16	52	29	1
KY	2	11	40	44	3
LA	15	25	39	20	1
MI	2	6	24	44	24
MN	0	4	24	53	19
MS	10	21	34	26	9
MO	13	28	39	18	2
NE	6	32	40	21	1
NC	3	11	47	38	1
OH	3	8	26	50	13
SC	0	0	31	69	0
SD	3	19	34	38	6
TN	2	8	36	46	8
ALL	4	15	37	37	7
Prev Wk	3	13	37	40	7
Prev Yr	0	1	20	59	20

## Corn Crop Condition by Percent

	VP	P	F	G	EX
CO	7	13	35	42	3
GA	0	6	42	52	0
IL	2	14	44	37	3
IN	4	14	48	30	4
IA	3	10	34	46	7
KS	2	7	43	46	2
KY	2	9	39	39	11
MI	1	5	25	46	23
MN	0	4	27	53	16
MO	4	20	43	28	5
NE	3	12	41	41	3
NC	0	2	13	66	19
OH	3	9	27	45	16
PA	6	14	35	35	10
SD	1	6	35	46	12
TX	0	3	20	74	3
WI	0	2	18	67	13
ALL	2	10	36	44	8
Prev Wk	2	10	35	46	7
Prev Yr	1	1	12	60	26

## Cotton Crop Condition by Percent

	VP	P	F	G	EX
AL	11	33	44	6	6
AZ	5	27	30	25	13
AR	3	19	42	33	3
CA	0	0	10	90	0
GA	0	4	64	32	0
LA	6	45	34	14	1
MS	11	16	47	24	2
MO	8	15	43	31	3
NM	0	11	22	56	11
NC	2	13	59	23	3
OK	2	13	52	31	2
SC	0	1	61	38	0
TN	0	11	39	46	4
TX	7	21	43	26	3
ALL	5	18	42	32	3
Prev Wk	4	17	42	34	3
Prev Yr	0	8	35	51	6

## Sorghum Crop Condition by Percent

	VP	P	F	G	EX
AR	0	10	31	52	7
CO	3	5	36	56	0
IL	4	15	53	27	1
KS	3	17	37	40	3
LA	4	14	39	42	1
MS	3	22	29	44	2
MO	8	21	38	29	4
NE	3	21	54	21	1
NM	26	45	7	19	1
OK	0	3	22	71	4
SD	2	10	40	42	6
TX	5	22	37	32	4
ALL	4	19	39	35	3
Prev Wk	4	14	36	43	3
Prev Yr	0	6	37	48	9

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

(Continued to back cover)

## State Summaries of Weather and Agriculture

*These summaries 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/".*

**ALABAMA:** Rainfall none to 0.33 in. north; none to 0.14 in. central; none to 0.58 in. south. Temperatures 4° below normal to 4° above normal statewide. Lows 47 to 55° north, 48 to 60° central; 50 to 63° south. Highs 78 to 85° north, 79 to 89° central; 85 to 92° south.

Days suitable for fieldwork 5.6. Topsoil 19% very short, 42% short, 39% adequate. Corn harvested 90%, 77% 1994, 81% avg. Sorghum turning color 71%, 78% 1994, 87% avg.; harvested 42%, 34% 1994, 49% avg.; 4% very poor, 17% poor, 52% fair, 27% good. Peanuts dug 70%, 74% 1994, 68% avg.; combined 58%, 63% 1994, 58% avg. Livestock 1% very poor, 8% poor, 37% fair, 52% good, 2% excellent. Activities: Harvesting row crops, vegetables. Spraying crops, defoliating cotton. General care of livestock, poultry, catfish.

**ALASKA:** Temperatures in the railbelt remained slightly above average last week.

Days suitable for digging potatoes 6 days, 4 days suitable for making hay. Soil moisture 10% short, 90% adequate. Second crop hay harvest 65% complete, 5% ahead of 1994 progress. Commercial potato harvest was 95% complete, comparable to 1994 progress. Supply of straw was rated 15% short, 80% adequate, 5% surplus.

**ARIZONA:** Temperatures 3° below to 4° above normal. Extremes 29°; 91° higher elevations; 50°; 105° deserts. Precipitation all stations but Gila Bend, Kingman, Parker, Yuma; 0.03 to 2.15 in.

Some central cotton lost to hail, high winds, heavy rains. Alfalfa 1% very poor, 3% poor, 10% fair, 56% good, 30% excellent. Harvest 42% light, 10% moderate, 28% active, 20% between cuttings. Cantaloupe, honeydew, watermelon, green onion harvest continued central areas. Tomatoes, cabbage, chili peppers were available from eastern growers. Fall lettuce harvest will begin this week in eastern areas. Grapefruit, lemons were shipped from central, western areas. Apples, pistachios continued to be available eastern areas. Range, pasture conditions drier than normal. Cattlemen were having to haul water, feed supplemental hay, cull their herds because of the below normal rainfall. Grazing conditions varied across State, overall were mostly fair. Cattle, calves remained in fair to good condition. Stock water supplies continued short to adequate, soil moisture supplies remained mostly short, overall. Insect damage was very light.

**ARKANSAS:** Temperatures below normal with spotty rainfall in some parts of the State. Extremes 37°; 92°. Precipitation none to 1.66 in.

Days suitable for fieldwork 5. Soil moisture 58% short, 40% adequate, 2% surplus. Main farm activities: Defoliating, picking cotton, irrigating soybeans, harvesting corn, sorghum, rice, some soybeans. Defoliating, picking of some cotton were reported by numerous counties. Cotton ginning was reported by Mississippi county. Corn, sorghum, rice harvests were ongoing statewide. Soybeans were being harvested in many counties. Preparation, planting of wheat, fall pastures continued across the State. Rye, ryegrass planting was reported by several counties. Pumpkin harvest began in Craighead county. Peanut harvest continued in Little River county. Hay feeding was ongoing.

**CALIFORNIA:** High pressure gave way to weak areas low pressure. Moderate rainfall, northwest coast. Some precipitation, mountain locations. Temperatures, most areas, near to slightly below normal.

Field activities good progress, fair skies. Cotton defoliation continued, early planted fields, San Joaquin Valley. Progress remained one, two weeks behind normal. Some Tulare County fields, verticillium wilt. Harvest active, desert areas. Rice harvest gained momentum, Sacramento Valley; stubble burned, conditions permitting. Corn for grain, silage, dry beans, safflower, seed alfalfa, sugar beets harvested. New crop sugar beets planted; sprayed for worms, mildew. Small grain, winter forage fields prepared, planting; treated, pre-emergent herbicides. Seeding wheat, barley, oats, forage mixes. Established alfalfa, cut for hay, sprayed for worms; planting, new alfalfa, northern counties. Table grape harvest continued, Fresno County. Nearly entire raisin crop harvested. Raisin vineyards, approximately twenty five percent, open trays; thirty five percent, trays rolled; forty percent, trays picked up. Wine, juice grape harvest continued, San Joaquin Valley. Prune, peach orchards pruned, Butte County. Walnut, almond harvest continued. Almond harvest neared completion. Golden Delicious, Red Delicious apple harvests continued, Sonoma County. Fuji, Granny Smith, Gala apple harvests continued, San Joaquin Valley. Olive, fig, pomegranate harvests continued, San Joaquin Valley. Lemon, grapefruit, Valencia orange harvests continued. New crop Navel oranges sized early. Cantaloupe harvest slowed, Fresno, Glenn counties. Broccoli fields, Imperial Valley experienced heat stress. Cauliflower, lettuce harvested, Monterey, San Luis Obispo counties. Harvesting, processing tomatoes nearing completion, San Joaquin, Sacramento valleys. Fresh market tomato harvest, virtually complete, San Joaquin, Sacramento valleys. Vineseeds harvested, Sutter County. Pumpkins nearing maturity. Cabbage, sugar pea fields, treated for worms, Fresno County. Sweet corn harvested, central valley. Red pepper picking started, San Benito County. Tulare County winter squash, neared maturity. Other crops harvested: Eggplant, beans, gourds, cucumbers, tomatillos, onions, potatoes, okra, oriental vegetables. Fall calving neared completion, some areas; began, others. Pastures irrigated. Ranchers continued feeding hay, supplements. Cattle movement varied, depending on location, pasture conditions. Sheep grazed alfalfa, melon fields. Sheep shipped into Imperial Valley; placed on pasture, hay fields. Cattle, sheep, good condition.

**COLORADO:** High pressure over the entire State caused dry conditions through the 27th with temperatures slightly above normal. A upper level system moved in on the 28th bringing cooler temperatures, a few showers statewide on the 28th, 29th with some parts in the east receiving amounts ranging from 0.50 to 1.00 in.

Days suitable for fieldwork 5.6. Topsoil 1% very short 20% short, 75% adequate, 4% surplus. Subsoil 10% very short, 29% short, 59% adequate, 2% surplus. Spring wheat 89% harvested, 96% 1994, 90% avg. Winter wheat 38% emerged, 58% 1994, 51% avg. Oats 85% harvested, 96% 1994, 96% avg. Corn 87% dent, 99% 1994, 94% avg.; 74% silage harvested, 100% 1994, 86% avg. Dry onions 77% harvested, 92% 1994, 84% avg. Sugar beets 3% harvested, 4% 1994, 5% avg.; 11% poor, 28% fair, 57% good, 4% excellent. Summer potatoes 88% harvested, 95% 1994, 86% avg. Fall potatoes 63% harvested, 75% 1994, 61% avg. Dry beans 74% cut, 95% 1994, 86% avg.; 46% harvested, 88% 1994, 72% avg.; 4% very poor, 16% poor, 43% fair, 33% good, 4% excellent. Alfalfa 77% 3rd

cutting, 90% 1994, 75% avg.; 14% 4th cutting, 20% 1994, 21% avg.; 1% very poor, 5% poor, 27% fair, 57% good, 10% excellent. Livestock mostly in good to excellent.

**DELAWARE:** Precipitation 1.29 in. normal 0.84 in. Temperature 62.5°, normal 65.8°. Extremes 79°; 48°. High temperatures in the upper 70s. Lows in the upper 40s to low 50s.

Days suitable for fieldwork 4.8. Topsoil 47% short, 53% adequate. Subsoil 17% very short, 66% short, 17% adequate. Corn 17% very poor, 35% poor, 36% fair, 12% good; 70% harvested for grain, 34% 1994, 43% avg. Soybeans 28% very poor, 46% poor, 25% fair, 1% good; 79% tured, 44% 1994, 54% avg.; 60% shedding leaves, 18% 1994, 27% avg.; 5% harvested, 4% 1994, 3% avg. Sorghum 36% very poor, 50% poor, 14% fair; 85% turning color, 69% 1994, 75% avg.; 80% mature, 24% 1994, 45% avg.; 13% harvested, 0% 1994, 8% avg. Other hay 15% 4th cutting, 23% 1994, 32% avg. Alfalfa hay 71% 4th cutting, 89% 1994, 80% avg. Apples 81% harvested, 74% 1994, 63% avg. Hay supply short to adequate. Field crop harvest, haymaking.

**FLORIDA:** Temperatures 2 to 5° above normal north, 3 to 6° above normal Peninsula. Lows: high 50s Panhandle, mid 60s northeast, low 70s central, interior south, mid 70s Atlantic Coast. Highs: upper 80s north, mid 90s Peninsula. Rainfall 0.50 to 3.00 in northeast, Peninsula with isolated areas receiving up to 5.00 in. Much of Panhandle received under 0.50 in.

Topsoil moisture very short to adequate Panhandle, Peninsula adequate to surplus. Haying delayed by rain in areas. Tobacco marketing winding down. Peanut harvest delayed by rain. Farmers starting to pick cotton. Making preparations for soybean harvest. Sugarcane good growth. Growers starting to plant sugarcane. Armyworm, budworm, stinkbug problems in cotton. Spotty rainfall benefitted plant growth, fruit development in most central, northern localities. Planting, North Central, increased with some growers providing supplemental irrigation. Growth of southern crops improved with some cooler temperatures. Producers in Panhandle, Big Bend plan to harvest marketable fruit this week if Tropical Storm Opal passes nearby. Citrus very good condition. Moisture adequate. New growth most areas. Testing of early fruit continues. Packing of colored, white grapefruit, Ambersweet, navel oranges, Robinson tangerines, K-Early Citrus Fruit moving on limited basis. A few processing plants open. Caretakers cutting cover crops, spraying, fertilizing, repairing eroded grove land. Pastures Panhandle, north in seasonal decline. Armyworm damage continues in some north, central pastures. Standing water problem continues south. Cattle fair 35%, good 60%, excellent 5%.

**GEORGIA:** Temperatures 1 to 4° above normal north, southwest, extreme west, central, along coast. Temperatures elsewhere 1 to 3° below normal. Warmest upper 70s to low 80s north, mid to upper 80s central, south. Lows mid 40s to low 50s extreme north, mid to upper 50s elsewhere north, central, upper 50s to mid 60s south. Rain on 1 to 3 days during the week. Rain totals mostly up to 0.10 in. north, ranged from 0.30 in. to locally near 2.80 in. central, south.

Days suitable for fieldwork 4.6. Soil moisture 6% very short, 28% short, 63% adequate, 3% surplus. Cloudy days in south slowed cotton harvest. Cotton quality decreased due to fog, damp, drizzle all week some areas. Boll rot, hard lock a problem. Hay harvest continues as conditions allow. Slight weather delay in peanut harvest. Hay 1% very poor, 14% poor, 40% fair, 45% good. Peanuts 3% very poor, 15% poor, 56% fair, 23% good, 3% excellent; 79% dug, 76% 1994, 71% avg. Rye 22% planted, 19% 1994, 15% avg. Sorghum 4% poor, 71% fair, 25% good; 50% harvested for grain, 68% 1994, 61% avg. Wheat 4% poor, 41% fair, 55% good. Other small grains 3% poor, 36% fair, 61% good; 9% planted, 14% 1994, 9% avg. Other vegetables 6% poor, 56% fair, 38% good. Apples 2% poor, 6% fair, 92% good; 75% harvested, 81% 1994, 74% avg.

Pecans 13% poor, 68% fair, 19% good; 1% harvested, 2% 1994, 2% avg. Cattle 38% fair, 62% good. Hogs 41% fair, 59% good. Activities: Repairing, cleaning peanut, cotton equipment, harvesting, spraying fall vegetables, getting prepared for pecan harvest, routine care of livestock, poultry.

**HAWAII:** Trade winds returned. Temperatures hot, but not as humid. Record high temperatures as well as record high overnight lows. Mostly cloudy, shower activities generally light, scattered, windward sectors. Exception north end of Kauai, where heavy thunderstorm on Saturday caused flooding. Temperatures ranged from high 60° to low 90°. Rainfall none to 4.50 in.

Heavy irrigation necessary to maintain crop progress most areas. Banana, papaya production light to moderate. Coffee, macadamia harvesting progressing.

**IDAHO:** Temperatures 3° below normal to 2° above normal. Most temperatures at or below normal. Precipitation 0.59 to 1.27 in. north, none to 0.12 in. Southwest, none to 0.11 in. south central, none to 0.16 in. southeast. Extremes 24°; 88°.

Days suitable for fieldwork 6.0. Topsoil 2% very short, 33% short, 63% adequate, 2% surplus. Irrigation water supplies 6% fair, 72% good, 22% excellent. Alfalfa hay third cutting 86%, 87% 1994, 77% avg. Apples harvested 31%, 45% 1994, 40% avg. Corn harvested for silage 55%, 66% 1994, 59% avg. Dry beans harvested 65%, 91% 1994, 81% avg. Hops harvested 97%, 98% 1994, 97% avg. Lentils harvested 78%, 99% 1994, 95% avg. Oats harvested 91%, 99% 1994, 96% avg. Onions harvested 52%, 88% 1994, 77% avg. Peaches harvested 95%, 99% 1994, 99% avg. Plums, prunes harvested 72%, 99% 1994, 99% avg. Potatoes vines dying/killed 98%, 99% 1994, 98% avg.; harvested 23%, 42% 1994, 44% avg.; 1% poor, 15% fair, 74% good, 10% excellent. Sugar beets harvested 8%, 14% 1994, 15% avg. Spring barley harvested 97%, 99% 1994, 97% avg. Sweet corn for processing harvested 84%, 98% 1994, 98% avg. Activities: Monitoring potato fields for late blight, scheduling spraying operations, conducting early dig of sugar beets, harvesting small grains, onions, lentils, dry beans, potatoes, fruit, cutting alfalfa, dry beans, preparing ground for planting winter wheat, planting winter wheat, marketing lambs, calves.

**ILLINOIS:** Temperatures 1° to 7° above normal. Highs mid 70s to near 80°. Lows were high 40s to low 50s. Frost occurred on the morning of the 23rd, again on the 24th. An inch or more of rainfall only impacted 15 or so counties in the northwestern part of the State. This lack of rain continues the droughty conditions commencing in early to mid August.

Days suitable for fieldwork 6.8. Topsoil 29% very short, 45% short, 26% adequate. Corn, soybean harvest was widespread last week. Frost damage was reported across the State on all late planted crops, with soybeans, sorghum hit the hardest. The damage to corn has been mild due to the maturity of the crop. Rain is still needed across much of the State as farmers start planting wheat. Farm activities for the week were harvesting, preparing equipment, completing chopping corn silage, general care, feeding of livestock. Soybeans 96% turning yellow, 98% 1994, 94% average.

**INDIANA:** No weather data available.

Days suitable for fieldwork 6.9. Topsoil 44% very short, 44% short, 12% adequate. Subsoil 26% very short, 54% short, 20% adequate. Soybeans 80% mature, 85% 1994, 65% avg. Corn, soybean harvest in full swing statewide. Pastures dried up, many areas. Ideal weather conditions for field activities. Tobacco harvest nearing completion. Activities: Fall tillage, seeding winter wheat, chopping stalks, equipment maintenance, cleaning grain bins, care of livestock.

**IOWA:** Temperature 3 to 5° above normal. Extremes 35° (west central, 27th); 85° (southwest, 28th). Widespread rain 29th, 30th. Rain 0.18 in. far northeast to 2.79 in. far southeast; State 0.92 in. (normal 0.76 in.).

Days suitable for fieldwork 6.0. Topsoil very short 8%, short 30%, adequate 59%, surplus 3%. Subsoil moisture very short 10%, short 38%, adequate 50%, surplus 2%. Comments from every area of the State varied widely when assessing frost damage. Some comments received included "test weights will be affected," "minimal to moderate damage from frost," "frost hurt late planted corn, soybeans," "not much damage from frost," "some beans greatly damaged by frost," "frost did little damage to corn," "soybean frost damage is spotty," "frost not a killer in most fields." Soybean leaves turning color 98%, 100% 1994, 96% avg. Alfalfa hay third cutting 95%, 100% 1994, 94% avg. Winter wheat planted 47%, 26% 1994, 33% avg. 1996 row crops fall tillage complete 2%, 3% 1994, 1% avg.; fall fertilizer complete 2%, 3% 1994, 1% avg. Livestock reported in mostly good condition. Outbreaks of flu in hogs reported due to sudden changes in temperature. Pinkeye, flies remain a problem for cattle. Some cow/calf producers considering weaning, selling calves early because of the lack of fall pasture growth, some producers are supplementing cattle with hay in areas where pasture conditions poor.

**KANSAS:** Temperatures 2° above to 5° below normal across the State; in all, two districts were below normal. Precipitation across the State was light with all districts receiving less than 0.50 in.

Days suitable for fieldwork 5.1. Soil moisture has improved over the past two weeks. Topsoil 5% very short, 21% short, 73% adequate, 1% surplus. Subsurface moisture 4% very short, 23% short, 73% adequate. Wheat seeding surged ahead the past week as farmers took advantage of fair weather, improved soil moisture. Fall crops sustained freeze damage on 22nd. It appears that substantial yield reductions may result, especially in sorghum, soybeans. Lateness of the crops this year left them particularly vulnerable to an early freeze. Reported condition of the crops has declined the past two weeks as evidence of the freeze appears. Corn appears to have gotten by with lessor damage because it was closer to maturity. Alfalfa cut the fourth time 65%, 87% 1994, 69% avg.

**KENTUCKY:** Little rain across State. Southeast light amounts, less than 0.50 in. Rainfall 0.50 to 0.90 in. below normal. High temperatures mid to upper 70s, lows low to mid 50s. High temperatures 1 to 3° below normal west, 2° above normal east. Low temperatures 2 to 4° below normal Statewide.

Days suitable fieldwork 5.7. Topsoil 16% very short, 51% short, 33% adequate. Subsoil 26% very short, 51% short, 23% adequate. Burley tobacco 96% cut, 96% 1994, 92% avg. Dark tobacco cut 97% cut, 94% 1994, 92% avg. Housed tobacco 1% very poor, 6% poor, 32% fair, 51% good, 10% excellent. Nearly 20% ready for stripping, 5% already stripped. Corn harvest active. About two thirds of the soybeans are mature enough to be safe from frost. Favorable soil condition for wheat seeding. Wheat seeded 15%, 13% 1994, 15% avg.

**LOUISIANA:** Temperatures 2° below to 2° above normal. Extremes 45°; 92° Rainfall none.

Days suitable for fieldwork 6.4. Soil moisture 16% very short, 44% short, 40% adequate. Corn 100% harvested, 100% 1994, 100% avg. Cotton harvest continued, yields were coming in substantially lower than expected. Hay 86% second cutting, 91% 1994, 88% avg. Pecans 0% harvested, 1% 1994, 1% avg. Rice farmers were busy with second crop management. Grain sorghum harvest was well on

its way to completion. Soybeans 87% coloring, 83% 1994, 76% avg.; yields showed the adverse effects of the recent dry spell. Sugarcane 2% poor, 24% fair, 60% good, 14% excellent; 90% planted, 89% 1994, 77% avg.; 0% harvested 1% 1994, 1% avg. Sugarcane planting was nearly complete, most growers were preparing for harvest. Sweet potatoes 5% poor, 35% fair, 56% good, 4% excellent; 59% harvested, 63% 1994, 58% avg. Wheat 4% planted, 3% 1994, 2% avg.; 0% emerged, 0% 1994, 0% avg. Wheat farmers were active preparing land for planting. Vegetables 12% very poor, 26% poor, 39% fair, 22% good, 1% excellent. Livestock 1% very poor, 8% poor, 39% fair, 49% good, 3% excellent. Cooler night temperatures helped broiler production. Planting of winter pastures was active following last week's rains.

**MARYLAND:** Precipitation 0.67 in. normal 0.77 in. Temperature 60.8°, normal 65.0°. Extremes 32°; 83°. Low temperatures in the upper 30s to low 50s. Highs were mainly in the upper 70s to lower 80s.

Days suitable for fieldwork 5.6. Topsoil 1% very short, 35% short, 64% adequate. Subsoil 15% very short, 60% short, 25% adequate. Corn 6% very poor, 13% poor, 38% fair, 40% good; 3% excellent; 96% mature, 80% 1994, 81% avg.; 57% harvested for grain, 26% 1994, 33% avg.; 88% silage harvested, 63% 1994, 74% avg. Soybeans 11% very poor, 18% poor, 45% fair, 25% good, 1% excellent; 85% turned, 72% 1994, 68% avg.; 63% shedding leaves, 42% 1994, 39% avg. Sorghum 6% very poor, 20% poor, 36% fair, 31% good, 7% excellent; 85% turning color, 88% 1994, 92% avg.; 66% mature, 69% 1994, 72% avg. Other hay 92% 3rd cutting, 85% 1994, 70% avg.; 50% 4th cutting, 50% 1994, 29% avg. Alfalfa hay 85% 4th cutting, 89% 1994, 72% avg. Apples 50% harvested, 59% 1994, 57% avg. Hay supplies short to mostly adequate. Activities: Harvesting of field crops, haymaking.

**MICHIGAN:** Temperature, precipitation not available. Temperatures for the week ending October 1 were mild with little precipitation.

Days suitable for fieldwork 6.5. Harvest was very active for the week. Conditions were excellent, crops progress well. Topsoil 8% very short, 39% short, 53% adequate. Subsoil 18% very short, 45% short, 37% adequate. Drybeans harvested 90%, 65% 1994, 59% avg.; 1% very poor, 3% poor, 23% fair, 58% good, 15% excellent. Soybeans mature 81%, 35% 1994, 36% avg. All hay, third cutting 96%, 80% 1994, 77% avg.; fourth cutting 31%, 25% 1994, NA avg.; 1% very poor, 2% poor, 20% fair, 56% good, 21% excellent. Potatoes harvested 90%, 76% 1994, 67% avg.

**MINNESOTA:** Temperatures 3.0 to 7.0° above normal for the State. Extremes 34°; 87°. Precipitation 3.00 in. above normal in the north central, west central districts. Precipitation 1.83 in. above normal for the State. Greatest weekly total was 4.79 in.

Days suitable for fieldwork 5.7. Topsoil 1% very short, 7% short, 87% adequate, 5% surplus. Corn mature 98%, 94% 1994, 61% avg.; harvested 12%, 6% 1994, 5% avg. Silage 82%, 63% 1994, 51% avg. Corn moisture content 27%, 28% 1994, 29% avg. Soybeans shedding leaves 98%, 99% 1994, 85% avg.; mature 75%, 76% 1994, 57% avg.; harvested 12%, 20 1994, 21% avg.; moisture content 13%, 15% 1994, 14% avg. Dry edible beans harvested 60%, 71% 1994, 76% avg. Winter wheat seeded 96%, 98% 1994, 89% avg. Rye seeded 95%, 97% 1994, 87% avg. Potatoes harvested 53%, 58% 1994, 60% avg. Sunflowers harvested 31%, 21% 1994, 16% avg. Sugar beets harvested 12%, 17% 1994, 15% avg. Flaxseed 95%, 65% 1994, 68% avg. Stubble plowed 70%, 85% 1994, 67% avg.

**MISSISSIPPI:** Temperatures normal. Extremes 42°; 93°. Soil temperatures 76°. Precipitation 0.01 in., 0.88 in. below normal. Rainfall was minimal throughout the entire State.

Days suitable for fieldwork 6.6. Soil moisture 23% very short, 47% short, 30% adequate. Corn 96% harvested 84% 1994, 72% avg.; 100% silage harvested, 100% 1994, 97% avg. Soybeans 91% turning color, 89% 1994, 76% avg.; 77% shedding leaves, 71% 1994, 48% avg.; 42% harvested, 27% 1994, 13% avg.; 10% very poor, 21% poor, 34% fair, 26% good, 9% excellent. Peanuts 48% harvested, 50% 1994, 58% avg.; 6% poor, 49% fair, 43% good, 2% excellent. Pecans 9% very poor, 12% poor, 40% fair, 39% good. Sweet potatoes 65% harvested, 64% 1994, 58% avg.; 4% poor, 11% fair, 85% good. Cattle 1% very poor, 8% poor, 37% fair, 47% good, 7% excellent. Main farming activities: Harvesting row crops, peanuts, sweet potatoes, field preparation for next year's crop. Cattle producers are getting their land ready for fall grazing. Fall seeding of wheat, ryegrass is occurring where moisture is adequate for seed germination.

**MISSOURI:** Temperatures averaged near normal across the State, 3° below normal at Caruthersville, to 2° above normal at St. Louis. Precipitation 0.56 in., ranging from 0.02 in. southeast to 1.25 in. northeast.

Days suitable for fieldwork 6.2. Topsoil 20% very short, 38% short, 41% adequate, 1% surplus. Shortages were reported across parts of the central, southern districts; however, the effects of additional weekend rains are not reflected in the current figures. Reporters across some areas of the state remain concerned over frost and/or freeze damage to the late soybean, sorghum, corn crops experienced the weekend of September 22nd. The extent of damage is still undetermined at this time; however, reporters across the west-central, northern tier districts indicate significant frost damage in many fields. The majority of row crops are rated in mostly fair condition, down from a week earlier, largely reflective of the northern districts' concern of crop damage due to the recent record low cold weather. Corn harvest is virtually complete in the southeast district, while harvesting amounts to around 20% complete across the central third of the State and five percent complete in the northern third. Eighty percent of the soybeans are turning color across the State, 15% of the crop has reached maturity. Seventy-five percent of the sorghum crop has been harvested in the southeast district, followed by 56% south-central, while 5% or less has been harvested throughout the remainder of the State.

**MONTANA:** Cool, dry system early in week with a cool, wet system in latter part of week. Precipitation mostly confined to the west, south central division.

Days suitable for fieldwork 6.2. Topsoil 6% very short, 28% short, 63% adequate, 3% surplus. Subsoil 4% very short, 26% short, 66% adequate, 4% surplus. Spring wheat 94% harvested, 100% 1994, 89% avg. Barley 92% harvested, 100% 1994, 91% avg. Oats 93% harvested, 100% 1994, 91% avg. Dry beans 95% harvested, 97% 1994, 82% avg. Corn for silage 87% harvested, 88% 1994, 77% avg. Sugar beet 13% harvested, 14% 1994, 10% avg. Potatoes 20% harvested, 37% 1994, 32% avg. Second cutting Alfalfa Hay 96%, 100% 1994, 96% avg. Cattle, calves moved from summer ranges, 33%. Sheep, lambs moved from summer ranges, 30%.

**NEBRASKA:** Temperatures near normals northwest up to 6° above normals northeast. Precipitation 0.10 in. to around 1.75 in.

Days suitable for fieldwork 6.3. Topsoil 4% very short, 39% short, 56% adequate, 1% surplus. Subsoil 7% very short, 47% short, 46% adequate. Crop maturity moved ahead rapidly last week as a result of the hard freezing temperatures experienced nearly 10 days ago. Harvest of corn, soybeans, sorghum was off to a limited start, while dry bean, millet harvests were beyond the half-way mark in western counties. Corn: concern over above normal ear droppage is

prompting some producers to consider harvesting at above normal moisture levels. Dry beans 99% dropped leaves, 100% 1994; 70% harvested, 97% 1994.

**NEVADA:** Upper level disturbances from the pacific northwest continued to foster cooler temperatures, winds, some shower activity. Approximately two inches of snow fell in the Ruby Mountains in northeast areas. Precipitation across all divisions, however, was nil. Temperatures near normal for Autumn. Extremes 14° Wildhorse Reservoir; 104° Laughlin.

Days suitable for fieldwork 7. Planting of winter grains continued in northern areas. Alfalfa sixth cutting was completed in the extreme south, third cutting was well along in the north. Alfalfa condition continued to rate mostly good to excellent. Alfalfa seed harvest continued with progress approaching completion. Cutting of sudan grass for hay continued extreme south. Harvest of native grasses was virtually complete in the north. Potato harvest continued in full swing. Onion harvest was progressing well under near-ideal weather conditions. Good range, pasture conditions provided adequate fall grazing, while marketing of calves, lambs was underway. Main farm, ranch activities: Haying, grain planting, onion harvest, potato harvest, field preparation for planting, moving livestock.

**NEW ENGLAND:** Precipitation 0.09 to 0.75 in. north, 0.28 to 0.95 in. south. Temperatures 47 to 53° north, 49 to 60° south. Maximum temperatures 66 to 74° north, 65 to 76° south. Minimum temperatures 21 to 32° north, 26 to 47° south.

Days suitable for fieldwork 6.2. Topsoil 17% very short, 43% short, 40% adequate. Subsoil 30% very short, 45% short, 25% adequate. Maine potatoes 65% harvested, 55% 1994, 60% avg., condition good/excellent. Rhode Island potatoes 100% harvested, 70% 1994, 75% avg., condition excellent/good. CT River Valley potatoes 80% harvested, 80% 1994, 75% avg., condition good. Maine oats 98% harvested, 90% 1994, 95% avg, condition good/fair. Maine barley 98% harvested, condition fair/good. Field corn 65% harvested, 45% 1994, 45% avg., condition good/fair. Sweet corn 99% harvested, 99% 1994, condition good/fair. Second cut hay 98% harvested, 95% 1994, 95% avg., condition fair/good. Third cut hay 80% harvested, 80% 1994, 75% avg., condition good/fair. Apples 70% harvested, 60% 1994, 55% avg., size avg., condition good. Peaches 100% harvested, 100% 1994, size avg., condition good. Pears 90% harvested, 95% 1994, size avg., condition good/excellent. Cranberries 30% harvested, 35% 1994, set above avg., size below avg., condition excellent/good. Highbush blueberries 99% harvested, 100% 1994, size avg., condition good. Major farm activities: Fall field preparation includes planting cover crops, plowing in crop residues, farmers continue chopping field corn after scattered frost helped with the drying process. Excellent weekend for pick-your-own apple operations, Potato harvest in Northern Maine made great strides over the past week even though several early morning frosts slowed harvest somewhat. Quality remains good to excellent, yields continue to be light. Harvesting cranberries, utilizing frost protection measures with the recent beneficial rains providing adequate moisture for harvest. Color, quality are excellent to good, but size of cranberries is below average.

**NEW JERSEY:** Temperatures near normal. Extremes 29°; 79°. Rainfall 1.58 in. north, 1.33 in. central, 0.58 in. south. Heaviest 24 hour total was 1.25 in. on the 25th to 26th. Estimated soil moisture, in percent of field capacity, averaged 97% north, 93% central, 87% south.

Days suitable for fieldwork 6. Topsoil reported as adequate. Good volume of eggplant, squash, cabbage, peppers, green beans. Moderate supply of cucumbers, pickles, lettuce, beets, turnips, sweet potatoes, white potatoes, leeks, pumpkins, escarole, endive and parsley. Limited volume of herbs, sweet corn, radish, spinach, tomatoes, green onions, okra, watermelon, cantaloupe. Corn and

soybean harvesting continues throughout the State. Condition of these crops is reported as fair to good. Additional cuttings of hay occur when weather permits. Pasture condition is rated mostly as fair. Apple harvesting is still active with the condition of the crop reported as good. Condition of the cranberry crop is rated as good as harvesting enters the early stages.

**NEW MEXICO:** Temperatures warmed quickly during early week, 2 to 6° above normal in the east, south for the week. Only the far northern border areas remained cooler than average. A surge of tropical moisture produced numerous, locally heavy rain showers on 28th with more than half the reporting stations receiving rain of 0.50 in. or greater.

Days suitable for fieldwork 6.0. Soil moisture 8% very short, 38% short, 50% adequate, 4% surplus. Alfalfa 1% very poor, 6% poor, 30% fair, 60% good, 3% excellent. Corn 2% poor, 16% fair, 78% good, 4% excellent. Cotton 11% poor, 22% fair, 56% good, 11% excellent; 77% bolls opening, 90% 1994, 78% avg. Sorghum 28% very poor, 45% poor, 7% fair, 19% good 1% excellent; 73% coloring, 81% 1994, 87% avg.; 4% mature, 52% 1994, 38% avg.; 0% harvested, 9% 1994, 6% avg. Wheat 10% very poor, 19% poor, 50% fair, 20% good 1% excellent; 95% planted, 96% 1994, 88% avg.; 72% emerged; 61% acceptable stand. Chile 3% very poor, 12% poor, 18% fair, 58% good, 9% excellent. Pecans 3% very poor, 1% poor, 10% fair, 68% good, 18% excellent. Apples 14% very poor, 46% poor, 35% fair, 3% good, 2% excellent. Cattle 1% very poor, 7% poor, 40% fair, 49% good, 3% excellent. Sheep 5% poor, 58% fair, 37% good.

**NEW YORK:** Temperatures below normal. Frost scattered across state on morning of 29th. Extremes 24°; 78°. Rainfall was light, most falling on 26th. Rainfall varied 0.25 to 0.76 in. Heaviest amounts were recorded in the southeast area.

Days suitable for fieldwork 6.1. Soil moisture 18% very short, 55% short, 27% adequate. Widespread frost ending growing season in many areas. Hay fair to good condition. Third cutting of alfalfa 98% finished, 93% 1994, 82% avg. Corn fair to good condition. Silage harvest 2 weeks ahead of schedule; 72% complete, 22% 1994, 34% avg. Grain corn harvest just underway. Potato harvest continued. Dry bean harvest active. Vegetable harvest winding down. Pumpkin harvest peaked. Orange County onion harvest ended. Apple harvest continued. Crop quality good, fruit size small. Macintosh harvest finishing up. Bosc pear harvest active. Grape harvest gained momentum, good fruit quality.

**NORTH CAROLINA:** Rainfall 0.50 in. during 24th to 30th, 0.41 in. below normal. Rocky Mount a high of 1.60 in. of rain. Temperature 64°, 2° below normal. High temperature of 82° was reported in Wilkesboro, with a low temperature of 44° reported in Highlands, Blowing Rock, Morganton.

Days suitable for fieldwork 5.1. Soil moisture 2% very short, 7% short, 81% adequate, 10% surplus. Flue-cured tobacco 95% harvested, 92% 1994, 92% avg. Burley tobacco 90% harvested, 86% 1994, 86% avg. Corn 80% cut for silage, 83% 1994, 87% avg.; 83% harvested for grain, 63% 1994, 65% avg. Sorghum 29% harvested, 45% 1994, 38% avg. Crop conditions: Apples 3% poor, 7% fair, 79% good, 11% excellent; peanuts 2% very poor, 8% poor, 63% fair, 25% good, 2% excellent; sorghum 1% poor, 22% fair, 71% good, 6% excellent; sweet potatoes 4% very poor, 8% poor, 30% fair, 57% good, 1% excellent; hay 2% poor, 22% fair, 69% good, 7% excellent; tobacco in fields 3% poor, 24% fair, 70% good, 3% excellent; hay, roughage supplies 1% very short, 8% short, 83% adequate, 8% surplus. Activities: Harvesting, marketing flue cured, burley tobacco; harvesting vegetables; cutting silage; spraying cotton; cutting hay; harvesting row crops; planting small grains; discing tobacco stalks; tending livestock; repairing equipment, general farm maintenance.

**NORTH DAKOTA:** Heavy precipitation fell at the end of the week in the east central, southeast. Temperatures 3 to 5° above normal statewide. Extremes 27° southwest; 89° south central. Precipitation none west central, northwest to 0.74 in. east central.

Days suitable for fieldwork 6. Topsoil 2% very short, 20% short, 74% adequate, 4% surplus. Subsoil 1% very short, 16% short, 77% adequate, 6% surplus. Above average temperatures and dry weather helped farmers complete small grain harvest. Progress near or ahead of average. Durum 95% combined; 96% 1994; 92% avg.; barley 100%; 100% 1994; 99% avg.; oats 98%; 100% 1994; 99% avg. Last weeks frost and this weeks warm temperatures helped farmers make good progress on late season harvest. Flaxseed 76% harvested; 65% 1994; 72% avg.; sunflowers 9% harvested; 3% 1994; 7% avg.; potatoes 72% dug; 78% 1994; 77% avg.; corn for grain 8% harvested; 3% 1994; 12% avg.; dry edible beans 82% harvested; 64% 1994; 66% avg.; soybeans 49% harvested; 38% 1994; 37% avg. Crop condition: Corn for grain 1% poor, 17% fair, 67% good, 15% excellent.

**OHIO:** Only traces of precipitation were reported. Daily highs generally increased as the week progressed, with average highs for the week in the mid to upper 70s. Lows upper 40s to low 50s. Pandora reported a highest reading of 85° 29th. Hoytville, only 20 mi. from Pandora, had the coldest reading of 30° on 25th.

Days suitable for fieldwork 6.9. Topsoil 21% very short, 49% short, 30% adequate. Hay, other than alfalfa, third cutting 90% complete. Hay 1% very poor, 7% poor, 41% fair, 44% good, 7% excellent. Killing frosts the night of 25th, morning of 26th much more widespread than previously thought. Many fields of late planted, double crop soybeans killed. Dry conditions have pushed corn maturation far ahead of schedule. Sugar beet harvest is expected to begin 3rd.

**OKLAHOMA:** Precipitation 0.29 in. north central district to 0.84 in. east central district.

Days suitable for fieldwork 3.3. Topsoil 1% very short, 5% short, 75% adequate, 19% surplus. Subsoil 2% very short, 11% short, 77% adequate, 10% surplus. Wheat 89% seedbed prepared, 97% 1994, 98% avg.; oats 79% seedbed prepared, 83% 1994, 91% avg.; 19% planted, 16% 1994, 25% avg.; 4% up-to-stand, 6% 1994, 10% avg. Barley 81% seedbed prepared, 76% 1994, 75% avg.; 25% planted, 50% 1994, 35% avg.; 3% up-to-stand, 10% 1994, 12% avg.; Corn 82% mature, 98% 1994, 98% avg.; 56% harvested, 88% 1994, 82% avg. Soybeans 37% mature, 76% 1994, 48% avg.; 15% harvested, 32% 1994, 15% avg. Peanuts 12% poor, 33% fair, 52% good, 3% excellent; 39% mature, 59% 1994, 58% avg.; 7% dug, 22% 1994, 10% avg.; 1% combined, 9% 1994, n/a avg. Alfalfa 4% poor, 33% fair, 62% good, 1% excellent; 82% 4th cutting, 96% 1994, 91% avg.; 16% 5th cutting, 50% 1994, 31% avg. Livestock 1% poor, 15% fair, 80% good, 4% excellent. Feeder steers and heifers \$1.00 to \$2.00/cwt lower.

**OREGON:** Temperatures 5° above normal coast, Willamette Valley, south central, northeastern sections 1 to 3° above normal, elsewhere 2 to 4° above normal. Precipitation coast 1.50 to 5.50 in., Willamette Valley 1.00 to 1.50 in., elsewhere 0.01 to 0.45 in.

Days suitable for fieldwork 6.1. Topsoil 14% very short, 29% short, 56% adequate, 1% surplus. Subsoil 18% very short, 20% short, 62% adequate. All barley harvested 97%, planted 4%. Eastern sections: Barley planting continued, small grain field preparation continued, small grain harvest winding down, haying continued. Malheur County: Sugar beet harvest nearing start, potato, onion harvests full swing. Klamath Basin: Potatoes 78% turned, 17% dug. Willamette Valley: Red clover harvest slowed, sweet corn, table beets, carrots harvest continued, potato digging

underway, onions drying with some in sheds, fall raspberry, blackberry harvest underway, most caneberry fields prepared for winter, apple harvesting continued, hazelnut harvest underway, wine grape harvest underway (fruit generally sound condition), nursery fall digging, balling, fall nursery planting, underway. Winter pear harvest continued, Hood River Valley, Rogue River Valley. Southern coast: Cranberry harvest underway. Livestock good to excellent. Weaning spring calves, Klamath Basin. Supplemental feeding underway, Willamette Valley.

**PENNSYLVANIA:** Temperature 55°. Extremes 29°; 81°. Precipitation 0.27 in.

Days suitable for fieldwork 5.8. Soil moisture 38% very short, 50% short, 12% adequate. Ensilage corn 79% harvested, 49% 1994, 45% avg. Soybean 4% harvested, 2% 1994, 4% avg. Soybean 9% very poor, 23% poor, 40% fair, 24% good, 4% excellent. Potato harvest 59% complete, 65% 1994, 68% avg. Fall plowing 43% complete, 66% 1994, 62% avg. Wheat planted 20% complete, 47% 1994, 42% avg. Barley planted 52% complete, 57% 1994, 56% avg. Alfalfa 3rd cutting 80% complete, 92% 1994, 83% avg.; 4th cutting 34% complete, 62% 1994, 52% avg. Timothy clover 2nd cutting 94% complete, 98% 1994, 96% avg. Quality of hay made 8% very poor, 9% poor, 40% fair, 32% good, 11% excellent. Apples 52% harvested, 57% 1994, 55% avg. Peaches 100% harvested, N/A 1994, 99% avg. Activities: Harvesting corn grain, corn silage, soybeans, potatoes; making hay; cutting haylage; planting barley, wheat; plowing; filling silos; fixing fences; machinery maintenance; hauling manure; caring for livestock.

**PUERTO RICO:** No weather data available.

**SOUTH CAROLINA:** Temperatures 1° above normal. Extremes 46°; 86°. Rainfall 0.70 in.

Days suitable for fieldwork 5.70. Soil moisture 8% short, 86% adequate, 6% surplus. Cotton harvest gearing up, weather situation hampering progress. Corn harvest coming to a close, yields better than previously expected; 93% harvested, 85% 1994, 88% avg.; 54% fair, 38% good, 8% excellent. Sorghum 49% harvested, 42% 1994, 50% avg.; 31% fair, 69% good. Peanuts almost all dug, cool moist weather hampering drying; 35% harvested, 38% 1994, 31% avg.; 40% fair, 60% good. Sweet potatoes 21% harvested, 21% 1994, 37% avg.; 28% fair, 72% good. Tobacco harvest complete, placed in curing sheds; 100% harvested, 100% 1994, 98% avg.; 84% stalks destroyed running slightly behind average due to other crop precedents; 81% 1994, 70% avg.; 33% fair, 67% good. Apples 68% harvested, 74% 1994, 78% avg.; 100% good. Pecan 15% poor, 45% fair, 40% good. Grape 14% poor, 57% fair, 29% good. Livestock 2% poor, 23% fair, 75% good. Small grain planting active, moisture brought relief to winter grazing crops.

**SOUTH DAKOTA:** Temperatures 2 to 7° above normal. Extremes 21°; 92°. South central, eastern third of the State generally received 1.00 to 2.00 in. precipitation. Some isolated heavy rains with Brookings receiving 4.03 in., Milbank reporting 2.93 in.

Days suitable for fieldwork 5.8. Topsoil 5% very short, 23% short, 61% adequate, 11% surplus. Subsoil 3% very short, 23% short, 60% adequate, 14% surplus. Flax 96% harvested, 100% 1994, 94% avg. Corn 61% silage harvested, 82% 1994, 58% avg. Soybeans 50% mature, 82% 1994, 68% avg. Sorghum 30% silage harvested, 71% 1994, 64% avg. Sunflowers 98% bracts yellow, 100% 1994, 96% avg.; 60% mature, 88% 1994, 72% avg.; 4% harvested, 19% 1994, 17% avg. Sunflower 5% poor, 31% fair, 46% good, 18% excellent. Winter rye 97% seeded, 96% 1994, 88% avg.; 77% emerged, 79% 1994, 66% avg. Actual amount of damage from the early freeze is still unknown, most areas report yields and test weights will be hurt, especially in the soybeans, sorghum. Many areas reported that the

soybeans were completely green at the time of the freeze. Livestock 8% fair, 80% good, 12% excellent. Stockwater supplies 5% short, 78% adequate, 17% surplus. Feed supplies 2% short, 82% adequate, 16% surplus.

**TENNESSEE:** Rainfall 0.50 in. below normal Statewide. Temperatures 3 to 6° below normal in the State. Extremes 46°; 87°.

Days suitable for fieldwork 5.0. Topsoil 3% very short, 24% short, 71% adequate, 2% surplus. Subsoil 3% very short, 29% short, 67% adequate, 1% surplus. Corn 87%, grain harvested, 54%, 1994, 47% avg. Cotton 11% poor, 39% fair, 46% good, 4% excellent; 97% open bolls, 97%, 1994, 90% avg.; 13% harvested, 17% 1994, 18% avg. Sorghum 75% harvested, 76%, 1994, 51% avg. Tobacco 93% burley harvested, 94% 1994, 92% avg.; 10% stripped, 7% 1994, 5% avg. Soybeans 2% very poor, 8% poor, 36% fair, 46% good, 8% excellent; 55% dropping leaves; 44% 1994, 39% avg.; 22% mature; 26% 1994, 19% avg.; 3% harvested; 5% 1994, 3% avg. Winter wheat 17% seeded; 9% 1994, 9% avg.

**TEXAS:** First shot cool air arrived last week, resulting in near normal temperatures across most State. Exception was Low Rolling Plains where mean temperature was 5° below normal. Remaining districts reported temperature departures ranging from -1 to +1°. Clear skies kept rainfall totals well below normal across entire State except High Plains, where average 0.61 in. fell (0.16 in. above normal). Rest of districts in State received average amounts ranging from 0.39 to 1.22 in., while departures varied from -0.36 to -1.00 in. Some larger station totals were 2.30 in. at Floydada, 1.12 in. at Lamesa.

**Crops:** Small Grains: rainfall benefitted planted fields in High Plains; however wet conditions slowed planting progress. Armyworms have caused some problems in emerged fields. Planting resumed Cross Timbers, Blacklands with open conditions. Planted fields Central could use additional moisture. Corn: harvest resumed in High Plains; however, progress was slow many fields because wet conditions. Harvest made some progress through Cross Timbers, northern Blacklands. Harvest nearly completed Central, along Upper Coast. Corn 99% dented, 100% 1994, 100% avg. Cotton: plains, Cross Timbers crop dealt several severe blows from too much rain, cool temperatures, as a result, prospects diminished. Some defoliating activity occurred during later part of week. Harvest operations resumed in Blacklands after slight delays from wet conditions. Cotton 99% setting bolls, 100% 1994, 100% avg. Grain sorghum: high plains crop continued show good progress despite cooler, wet conditions. Many fields begun to turn color. Harvest slowed some in Low Plains, Cross Timbers by wet conditions. Most harvest completed in Blacklands. Rice harvest continued along Upper Coast without much delay during week. Some second crop harvest got underway. Peanuts: harvest beginning on a limited basis in many parts of Low Plains, Cross Timbers. Wet conditions have caused some disease problems. Harvest increasing in Central, South Central. Weeds causing harvest problems. Statewide condition 72% of normal compared with 78% 1994.; 2% harvested, 11% 1994, 17% avg. Soybeans harvest resumed in Blacklands; however some fields remained too wet. Harvest also continued along Upper Coast with good yields reported. Sunflowers 30% harvested, 36% 1994, 34% avg. Sugar beets 1% harvested, 0% 1994, 3% avg.

**Commercial Vegetables:** Rio Grande Valley, recent rains improved growing conditions. Most crops showing good progress with only minor white fly problems. Citrus harvest just beginning in few groves. Prospects look good for upcoming season. San Antonio-Winter Garden, land preparations continued with few melons being harvested. East Texas, sweet potato harvest continued. Fall crops could use additional moisture. High Plains, pumpkin harvest continued. Yields have only been fair. Pecans harvest got underway many Central, South groves during week. Shucks rapidly splitting Blacklands. Shells hardening many other areas.

**Range and Livestock:** Recent rains improved most pastures. Many producers have cut enough hay; however some activity continued parts of State. Livestock conditions remained good. Markets continued to be very depressed; however movement through local auctions has been steady.

**UTAH:** Temperature maximums 1° above normal; minimums normal. Precipitation throughout the State light to moderate with all divisions reporting measurable precipitation.

Days suitable for fieldwork 6.7. Topsoil 5% very short, 39% short, 54% adequate, 2% surplus. Subsoil 9% very short, 27% short, 61% adequate, 3% surplus. Winter wheat seeded 77%, 60% 1994, 74% avg.; emerged 36%, 21% 1994. Corn: dough stage 78%; dent stage 46%, 88% 1994, 80% avg.; mature 11%, 86% 1994, 70% avg.; harvested for silage 23%, 69% 1994, 69% avg. Alfalfa hay: 3rd cutting 90%; 4th cutting 24%, 50% 1994, 53% avg.; seed harvest 30%, 79% 1994, 82% avg. Onions harvested 47%, 70% 1994, 72% avg. Potatoes harvested 9%, 56% 1994, 55% avg. Dry beans harvested 84%. Apples picked 48%. Cattle moved from summer range 28%, 62% 1994, 49% avg. Sheep moved from summer range 25%, 65% 1994, 56% avg. Major farm, ranch activities were planting wheat, harvesting apples, vegetables, haying, corn silage, moving cattle, sheep.

**VIRGINIA:** Temperatures below normal in most of the State except the Tidewater region, which was slightly above normal. Extremes 39°; 77°. Precipitation 0.02 to 1.00 in. across the region. Days suitable for fieldwork 4.9. Topsoil 2% very short, 27% short, 69% adequate, 2% surplus. Subsoil 12% very short, 46% short, 42% adequate. Fall apples harvested 43%, 47% 1994, 52% avg. Winter apples harvested 30%, 35% 1994, 45% avg. Mature corn 96%, 93% 1994, 94% avg. Corn harvested for grain 60%, 56% 1994, 51% avg. Corn harvested for silage 88%, 74% 1994, 77% avg. Soybeans 6% very poor, 37% poor, 38% fair, 19% good.; setting pods 100%, 100% 1994, 100% avg.; harvested 3%, 6% 1994, 3% avg. Peanuts dug 53%, 34% 1994, 28% avg.; combined 35%, 14% 1994, 15% avg.; 17% poor, 53% fair, 30% good. Cotton harvested 17%, 4% 1994, 3% avg. Flue tobacco harvested 92%, 89% 1994, 88% avg. Burley harvested 95%, 93% 1994, 89% avg. Dark fire harvested 98%, 100% 1994, 99% avg. Sun tobacco harvested 100%, 99% 1994, 98% avg. Barley seeded 10%, 25% 1994, 18% avg. Oats seeded 15%, 47% 1994, 29% avg. Winter wheat seeded 7%, 12% 1994, 7% avg.

**WASHINGTON:** Temperatures 2 to 4° above normal west; 4° below to 2° above normal east. Precipitation 0.47 to 1.39 in. west; 0.01 to 1.12 in. east. Major rainstorms throughout the week limited agricultural activities.

Days suitable for fieldwork 5.0. Topsoil 15% short, 85% adequate; subsoil 28% short, 72% adequate. Irrigation water supply 100% adequate. Alfalfa hay, dry beans in windrows too wet to be harvested. Some winter wheat fields reseeded for third time. Sugar beet harvest underway. U-pick pumpkin places to open next weekend. Recent rains concerned grape growers over possible disease problems. Blueberries, raspberries, cranberries, grapes, Red Delicious apples, Fuji apples, Granny Smith apples, sweet corn were harvested. Pasture conditions improved with recent rains. Animals on irrigated pastures exhibited heavier than normal internal parasite loads. Some cattle were moved to fall pastures. Sheep breeding season continued. Winter wheat, dryland 10% poor, 47% fair, 43% good; irrigated, 4% fair, 96% good. Potatoes, 25% fair, 70% good, 5% excellent. Corn, 4% fair, 96% good. Dry edible beans, 100% good. Hay, other roughage supplies 1% short, 83% adequate, 16% surplus. Winter wheat, 70% planted, 52% 1994, 69% avg.; 53% emerged, 43% 1994, 50% avg. Alfalfa, 3rd cutting, 97% harvested,

98% 1994, 95% avg. Potatoes, 46% harvested, 58% 1994, 51% avg. Dry edible beans, 58% harvested, 87% 1994, 65% avg. Corn, harvested for silage, 43% harvested, 64% 1994, 64% avg.

**WEST VIRGINIA:** Temperature 60°. Extremes 35°; 82°. Temperatures 1° above normal in the northwest region to 2° below normal in the north central, southern regions. Greatest weekly total precipitation was 0.85 in. reported at Beckley. State 0.24 in.

Days suitable for fieldwork 5.4. Topsoil 7% very short, 51% short, 42% adequate. Wheat 7% planted, 8% 1994, 11% avg. Hay second cutting 97%, 90% 1994, 93% avg.; third cutting 66%, 80% 1994, 83% avg. Corn 6% very poor, 8% poor, 8% fair, 75% good, 3% excellent; 95% dent; 86% mature, 65% 1994, 78% avg.; 56% harvested, 30% 1994, 37% avg. Soybeans 6% very poor, 8% poor, 12% fair, 58% good, 16% excellent; 90% dropping leaves, 56% 1994; 2% harvested. Barley 40% planted, 18% 1994. Tobacco 92% harvested, 81% 1994, 89% avg. Apples 15% poor, 20% fair, 65% good. Cattle 2% poor, 21% fair, 68% good, 9% excellent. Sheep 21% fair, 71% good, 8% excellent. Activities: Cutting hay, clipping pastures, marketing cattle, harvesting apples, corn silage, tobacco, equipment maintenance.

**WISCONSIN:** Temperature 58°, 4° above normal. Extremes 25°; 82°. Precipitation 0.20 to 3.00 in.

Days suitable for fieldwork 6.2. Soil moisture 24% short, 74% adequate, 2% surplus. General condition of crops 2% poor, 18% fair, 71% good, 9% excellent. Corn silage harvested 84%, 43% 1994, 33% avg. Third cutting hay harvest 88%, 74% 1994, 70% avg. Soybean 1% very poor, 3% poor, 21% fair, 63% good, 12% excellent; leaves turning 98%, 90% 1994, 84% avg.; leaves shedding 78%, 63% 1994, 55% avg.; harvested 7%, 3% 1994, 7% avg. Fall tillage 15%, 9% 1994, 10% avg. Harvesting was the main activity of the week for farmers across State. Many farmers finished or are finishing harvesting corn as silage, will begin to seriously harvest corn for grain. Reports indicated that moisture level on some corn reached as low as 22%, many indicated moisture levels in the mid 20s. Yields have been reported as better than average, below last year's record yield. Soybean harvest started last week with moisture levels reported as low as 11%. Yield indications have been mixed. Some reporters noted that they received a hard frost over the past week, that this might affect the yields of their later planted soybeans. Quantity of third crop alfalfa was reported to be high with some farmers struggling to find room for all the hay. With most crop progress far ahead of normal, farmers have been able to begin fall tillage. Apple harvest continued with reports of good to excellent yields. Winter wheat planting continued with many farmers finished.

**WYOMING:** Temperatures 1 to 5° below normal across most of the State. A few areas 2° above normal. Extremes 20° Jackson; 81° Kaycee. Precipitation 0.10 to 0.30 in. below normal. Exception was a few scattered areas across central part of State 0.10 to 0.80 in. above normal. Northeast received the greatest amount of precipitation of about 1.00 in.

Days suitable for fieldwork 5.4. Topsoil 94% adequate. Winter wheat planted for harvest 1996 96%, 98% 1994, 93% avg.; 72% emerged, 76% 1994, 62% avg. Dry beans 12% poor, 40% fair, 48% good; 78% combined, 83% 1994, 73% avg. Potatoes 100% fair; 45% harvested, 66% 1994, 63% avg. Sugar beets 1% fair, 77% good, 22% excellent; 12% harvested, 9% 1994, 15% avg. Corn 79% fair, 21% good; 78% mature, 88% 1994, 58% avg.; 10% harvested, 22% 1994, 16% avg. Corn harvested for silage 73% complete, 96% 1994, 82% avg. Corn, dry beans suffered freeze damage last 2 weeks. Alfalfa 3rd cutting 59% complete, 91% 1994, 65% avg. Livestock moved from summer pastures: Cattle 31%, sheep 46%. Livestock mostly good condition.

**September 1995**  
**MONTHLY DATA FROM SELECTED FOREIGN CITIES**  
**CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA**  
 \*\*\* = DATA NOT AVAILABLE

**International Weather and Crop Summary**  
**September 24 - 30, 1995**

**HIGHLIGHTS**

**FSU-WESTERN:** Mostly dry weather in Russia and eastern Ukraine benefited summer crop harvesting and late winter grain planting.

**FSU-NEW LANDS:** Several days of dry weather over Russia and Kazakhstan allowed spring grain harvesting to progress toward completion.

**EUROPE:** Wet weather slowed fieldwork in the north.

**SOUTH ASIA:** Monsoon showers in the south and east caused some additional flooding and fieldwork delays but increased moisture for secondary crops.

**CANADA:** Prairie grain and oilseed harvests progressed.

**AUSTRALIA:** Light to moderate rain stabilized Western Australia's winter grains.

**EASTERN ASIA:** Dry weather continued to favor summer crop maturation and early harvesting across the North China Plain. Showers slowed rice harvesting across portions of southern China.

**SOUTHEAST ASIA:** Heavy rain covered southern Thailand and coastal Vietnam, causing additional flooding. Typhoon Sibyl hit the Philippines, producing widespread showers and causing some flooding.

**SOUTH AMERICA:** In Argentina, light rain fell across the main crop area, bringing little, if any, relief for winter wheat.

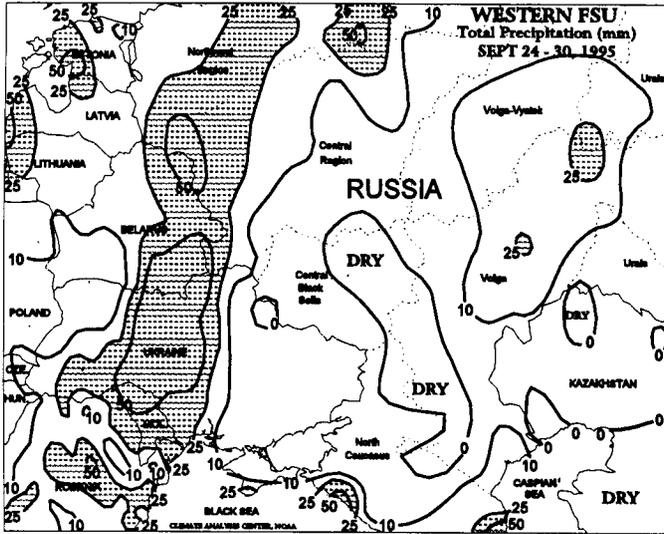
**MEXICO:** Heavy rain fell across the Yucatan Peninsula from the tropical depression that developed into Hurricane Opal, causing some flooding.

COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
		AVG MAX	AVG MIN	HI	LO	AVG	DPART F/NRM	TOTAL	DPART F/NRM
NORWAY	OSLO	14	7	20	-1	10	1.0	68	-30
SWEDEN	STOCKHOLM	16	9	23	0	12	0.5	85	32
FINLAND	HELSINKI	15	7	25	-1	11	1.2	89	16
U KING	GLASGOW	17	9	20	-1	13	-0.4	120	22
	EDINBURGH	16	9	21	1	13	0.2	112	45
	BIRMINGHAM	18	10	21	2	14	0.4	94	39
	LONDON	18	10	22	3	14	0.3	120	53
IRELAND	DUBLIN	17	9	21	4	13	-0.3	42	-25
ICELAND	REYKJAVIK	10	6	13	-1	8	0.8	67	1
DENMRK	COPENHAGEN	16	11	21	4	14	-0.3	96	34
LUXEMB	LUXEMBOURG	16	9	20	3	13	-1.1	82	15
SWITZL	ZURICH	16	9	21	4	13	-1.4	87	-8
	GENEVA	18	10	23	1	14	-1.0	151	69
FRANCE	PARIS/ORLY	20	11	24	4	15	***	51	**
	STRASBOURG	18	10	22	2	14	-1.2	93	37
	BOURGES	19	10	23	2	15	-1.4	68	7
	BORDEAUX	21	12	27	5	17	-0.9	144	70
	TOULOUSE	21	12	29	6	17	-1.3	67	20
	MARSEILLE	23	14	28	9	19	-1.2	70	23
SPAIN	VALLADOLID	22	10	31	4	16	-2.4	26	-8
	MADRID	25	12	33	4	18	-2.0	8	-25
	SEVILLE	30	18	38	13	24	-1.3	39	18
PORTUG	LISBON	25	17	32	14	21	-0.4	22	-4
GERMNY	HAMBURG	18	10	24	4	14	0.4	117	47
	BERLIN	18	12	24	4	15	0.1	74	28
	DUSSELDORF	19	11	23	3	15	-0.6	69	7
	LEIPZIG	18	10	24	3	14	0.1	105	59
	DRESDEN	18	11	24	4	14	-0.2	92	44
	STUTTGART	17	9	24	2	13	-1.2	51	-9
	NURNBERG	17	10	25	1	13	-0.6	79	28
AUSTRI	VIENNA	19	11	25	6	15	-0.9	178	126
	INNSBRUCK	18	8	24	-1	13	-1.2	59	-19
CZECH	PRAGUE	17	9	24	2	13	-0.3	67	27
POLAND	WARSAW	17	10	25	3	14	0.5	137	97
	LODZ	17	10	25	3	13	0.3	73	20
	KATOWICE	17	9	25	1	13	0.3	63	10
	PRZEMYSL	17	10	25	2	13	-0.3	94	39
HUNGAR	BUDAPEST	20	11	27	5	15	-1.2	59	18
F YUGO	BELGRADE	23	12	30	5	18	-0.1	90	40
ROMANI	BUCHAREST	23	10	28	5	17	-0.7	93	55
BULGAR	SOFIA	21	11	27	5	16	-0.7	47	2
ITALY	MILAN	23	13	28	6	18	-0.4	152	86
	VERONA	23	13	25	7	18	-1.1	98	36
	VENICE	22	14	26	8	18	-1.1	140	74
	GENOA	22	17	27	12	20	-2.4	171	56
	ROME	24	15	27	10	20	-1.3	54	-17
	NAPLES	26	17	31	13	21	0.4	145	61
GREECE	THESSALONIKA	26	16	30	10	21	-1.0	30	4
	LARISSA	28	15	34	10	21	-0.7	31	-1
	ATHENS	29	21	31	16	25	0.7	5	-8
TURKEY	ISTANBUL	25	18	33	13	21	1.8	51	10
	ANKARA	25	9	32	0	17	-1.0	18	-19
CYPRUS	LARNACA	30	20	33	17	25	0.0	0	-5
ESTONI	TALLINN	15	8	23	1	11	0.5	57	-25
FSU	ST. PETERSBERG	16	9	25	3	13	1.6	48	-18
LITHUA	KAUNAS	17	9	23	0	13	0.6	75	18
FSU	MINSK	17	9	24	0	13	0.8	64	9
	KAZAN	18	9	32	-2	13	1.9	17	-28
	MOSCOW	17	9	29	-2	13	2.0	49	-12
	YEKATERINBURG	17	7	30	1	12	2.4	21	-30
	OMSK	17	5	30	-5	11	0.5	15	-16
	KUSTANAY	19	6	31	-4	13	0.6	10	-16
	NOVOSIBIRSK	15	6	27	-2	10	0.1	46	13
	BARNAUL	17	6	29	-4	11	0.1	12	-17
	KHABAROVSK	18	8	26	1	13	-0.1	116	26
	VLADIVOSTOK	19	13	26	7	16	0.4	125	-5
	KIEV	19	10	26	3	15	0.7	94	49
	LVOV	17	9	26	3	13	0.0	75	20
	KIROVOGRAD	20	10	27	1	15	0.9	84	48
	ODESSA	20	13	25	5	17	0.0	80	44

Based on Preliminary Reports

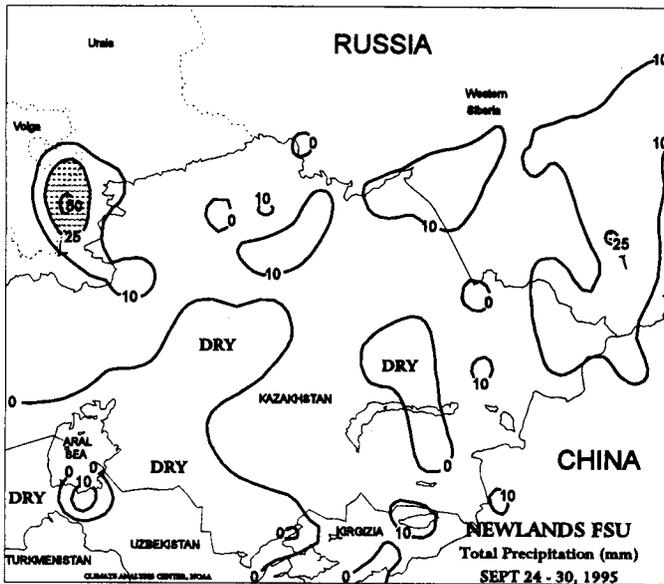
September 1995

COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)			COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)			
		AVG	AVG	HI	LO	DPART	AVG	TOTAL	DPART			AVG	AVG	HI	LO	DPART	TOTAL	DPART		
		MAX	MIN	MAX	MIN	F/NRM	MAX	MIN	F/NRM			MAX	MIN	MAX	MIN	F/NRM	TOTAL	F/NRM		
FSU	YALTA	24	16	29	11	20	0.8	80	46	ETHIOP	ADDIS ABABA	21	10	24	7	16	-0.4	92	-84	
	SARATOV	20	11	32	1	16	3.2	67	31	KENYA	NAIROBI	26	12	30	6	19	0.6	33	8	
	KHARKOV	20	11	31	3	15	1.2	101	61	TANZAN	DAR ES SALAAM	30	19	33	17	25	0.4	4	-25	
	VOLGOGRAD	22	11	33	1	16	1.0	11	-10	GABON	LIBREVILLE	29	23	30	22	26	0.7	127	21	
	ROSTOV	22	13	34	4	18	1.0	43	4	TOGO	LOME	30	24	34	23	27	1.2	47	-1	
	ASTRAKHAN	25	13	33	3	19	1.8	18	-4	B FASO	OUAGADOUCOU	33	23	36	20	28	1.2	102	-37	
	KRASNOGAR	24	13	32	2	19	1.2	37	8	IVRY C	ABIDJAN	28	23	30	22	26	1.0	37	-28	
	ORENBURG	21	8	33	-2	15	0.9	9	-22	MOZAMB	MAPUTO	28	18	34	14	23	2.2	4	-39	
	TSELINOGRAD	18	7	28	-1	12	1.0	45	21	ZAMBIA	LUSAKA	30	14	35	0	22	-0.5	0	-1	
	KARAGANDA	18	6	27	-1	12	0.3	16	-3	ZIMBAB	HARARE	28	13	32	7	20	1.8	0	-9	
	TBILISI	28	16	35	11	22	2.4	24	-13	S AFRI	PRETORIA	27	12	33	6	20	1.3	3	-18	
	TASHKENT	29	13	37	6	21	1.0	0	-4		JOHANNESBURG	25	10	30	-2	17	1.3	2	-25	
	ASHKHABAD	31	15	38	9	23	0.4	7	2		BETHAL	26	8	31	-3	16	1.7	14	-10	
SYRIA	DAMASCUS	34	14	41	8	24	0.8	0	0		DURBAN	24	16	29	7	20	0.7	16	-57	
ISRAEL	JERUSALEM	**	**	25	17	**	**	**	**		CAPE TOWN	19	10	30	5	15	1.0	20	-19	
PAKIST	KARACHI	33	26	36	24	30	0.6	0	-9	CANADA	TORONTO	20	8	30	3	14	-1.3	27	-47	
INDIA	AMRITSAR	34	23	37	20	29	0.1	53	-33		MONTREAL	19	7	25	2	13	-1.1	25	-61	
	NEW DELHI	34	25	37	21	30	0.3	195	71		WINNIPEG	20	5	28	-2	12	0.0	15	-37	
	AHMEDABAD	35	25	37	24	30	0.9	66	-46		REGINA	19	5	30	-7	12	0.7	11	-24	
	INDORE	32	22	35	18	27	1.2	161	-19		SASKATOON	20	3	29	-9	12	0.4	**	**	
	CALCUTTA	32	26	35	25	29	0.1	527	223		LETHBRIDGE	21	3	31	-8	12	-0.3	12	-32	
	VERAVAL	31	25	33	24	28	0.8	41	-54		CALGARY	19	5	28	-3	12	1.4	11	-37	
	BOMBAY	31	25	32	24	28	1.1	527	218		EDMONTON	20	6	27	-4	13	1.7	**	**	
	POONA	29	21	31	18	25	0.0	192	59		VANCOOVER	21	12	26	8	17	2.3	16	-49	
	BEGAMPET	31	23	33	21	27	0.6	154	-18	MEXICO	GUADALAJARA	26	18	30	14	22	1.1	212	52	
	VISHAKHAPATNAM	31	26	34	24	29	**	223	**		MEXICO CITY	23	14	27	10	18	2.2	56	-61	
	MADRAS	35	26	36	23	30	0.4	238	98		ACAPULCO	34	25	35	22	29	1.4	113	-262	
	MANGALORE	30	24	32	23	27	0.8	260	-8		BERMUD ST. GEORGES	**	25	29	22	**	**	**	81	-81
H KONG	KINGS PEAK	31	25	34	22	28	**	125	**		BAHAMA NASSAU	32	25	34	23	28	1.1	104	-64	
N KREA	PYONGYANG	22	12	27	5	17	-1.6	100	-50		CUBA HAVANA	**	**	34	23	**	**	**	**	
S KREA	SEOUL	25	16	28	11	20	-0.1	61	-81		JAMAIC KINGSTON	33	25	35	24	29	0.9	57	-59	
JAPAN	SAPORO	22	14	27	9	18	0.5	122	-16		P RICO SAN JUAN	33	26	36	24	29	1.3	182	48	
	NAGOYA	28	20	32	14	24	0.3	107	-105		GUATEL RAIZET	31	25	34	23	28	1.0	73	-74	
	TOKYO	27	21	36	16	24	0.9	167	-14		MARTINQ LAMENTIN	31	24	33	22	28	1.4	138	-77	
	YOKOHAMA	27	21	35	16	24	1.2	171	-28		BARBAD BRIDGETOWN	31	25	32	24	28	0.6	53	-83	
	KYOTO	27	20	33	14	24	0.3	60	-146		TRINID PORT OF SPAIN	33	24	36	22	29	2.0	72	-131	
	OSAKA	28	21	32	17	25	0.3	34	-130		COLOMB BOGOTA	20	8	22	3	14	0.7	63	6	
THAILN	PHETCHABUN	32	24	34	22	28	0.9	156	-122		VENEZU CARACAS	30	22	33	19	26	-1.5	79	33	
	BANGKOK	32	26	34	24	29	0.4	343	0		F GUIA CAYENNE	32	23	33	21	27	0.8	57	-19	
MALAYS	KUALA LUMPUR	32	24	35	22	28	1.9	213	22		BRAZIL FORTALEZA	29	**	30	22	**	**	**	1	-25
VIETNM	HANOI	32	26	34	23	29	1.1	81	-173		RECIFE	**	22	38	18	**	**	**	25	-88
CHINA	HARBIN	21	9	29	2	15	0.6	67	10		BELO HORIZONTE	27	17	33	11	22	1.0	60	19	
	HAMI	28	12	33	6	20	1.2	7	3		CAMPO GRANDE	32	19	38	11	26	3.1	35	-52	
	LANCHOW	22	13	29	7	17	1.8	70	25		FRANCA	29	17	34	11	23	4.1	51	-21	
	BEIJING	24	15	29	8	19	-0.3	99	51		LONDRINA	**	15	35	10	**	**	**	188	88
	TIENYISIN	24	15	29	8	20	-1.4	40	0		SANTIA MARIA	**	**	34	3	**	**	**	205	51
	LHASA	20	9	24	5	14	0.4	94	34		PORTO ALEGRE	22	11	33	2	17	-0.2	368	244	
	KUNMING	22	15	29	11	19	1.3	175	53		PERU LIMA	19	16	22	15	17	0.7	2	1	
	CHENGCHOW	26	15	35	7	21	-0.2	11	-80		BOLIVI LA PAZ	15	1	18	-3	8	-0.5	7	-25	
	YEHCHANG	28	21	39	15	24	1.3	15	-105		CHILE SANTIAGO	19	6	27	-1	13	1.4	17	-4	
	HANKOW	29	22	38	17	25	2.1	2	-87		ARGENT IGUAZU	26	15	34	5	20	**	147	**	
	CHUNGKING	29	22	42	17	26	**	77	**		FORMOSA	27	16	37	6	22	2.2	105	12	
	CHIHKIANG	29	20	37	14	25	1.8	44	-22		CERES	24	11	36	-1	17	1.0	16	-31	
	WU HU	29	21	39	15	25	**	7	**		CORDOBA	24	9	36	0	16	1.5	2	-37	
	SHANGHAI	28	23	37	18	26	**	14	**		RIO CUARTO	22	9	37	3	15	1.7	28	-14	
	NANCHANG	30	23	38	18	26	2.0	59	-17		ROSARIO	22	10	35	-3	16	1.7	26	-37	
	TAIPEI	30	25	34	20	27	1.0	148	-73		BUENOS AIRES	20	8	32	-1	14	1.4	24	-36	
	CANTON	33	25	36	21	29	1.7	75	-85		SANTIA ROSA	21	6	30	-1	14	1.3	12	-27	
	NANNING	32	24	35	19	28	1.0	177	56		TRES ARROYOS	17	5	26	-3	11	0.3	19	-35	
CNRY I	LAS PALMAS	27	22	29	20	24	0.5	3	-4	N CALD	NOUMEA	25	19	29	15	22	1.4	32	-7	
MOROCC	CASABLANCA	25	18	29	15	21	-0.6	0	-5	FLJI	NAUSORI	26	21	29	18	24	1.0	172	8	
	MARRAKECH	30	18	35	14	24	-1.0	12	8	SAMOA	PAGO PAGO	30	25	32	23	28	1.1	203	40	
ALGERI	ALGER	28	16	35	11	22	-0.6	21	-8	TAHITI	PAPEETE	29	22	31	19	26	0.9	56	10	
	BATNA	26	14	35	8	20	0.0	62	41	PA N G	PORT MORESBY	30	23	31	19	26	0.0	21	-17	
TUNISI	TUNIS	30	21	36	15	25	1.0	31	-1	AUSTRL	DARWIN	32	25	34	23	28	0.2	2	-16	
NIGER	NIAMEY	35	25	38	21	30	1.3	92	3		MOREE	**	**	**	**	**	**	**	47	14
MALI	TIMBUKTU	39	27	43	23	33	1.5	35	12		BRISBANE	23	12	27	7	18	-0.6	33	0	
	BAMAKO	31	22	36	20	27	0.4	185	-8		PERIH	20	10	26	6	15	0.2	53	-19	
MAURIT	NOUAKHOTT	**	**	40	21	**	**	116	90		CEQUINA	21	7	31	1	14	-0.9	17	-11	
SENEGL	DAKAR	31	25	33	23	28	0.6	53	-85		ADELAIDE	17	8	25	4	13	-0.7	33	-23	
CHAG A	DIEGO GARCIA	29	26	30	24	27	1.0	57	-181		MELBOURNE	15	5	21	1	10	-2.1	31	-18	
LIBYA	TRIPOLI	34	23	43	16	28	2.0	13	-											



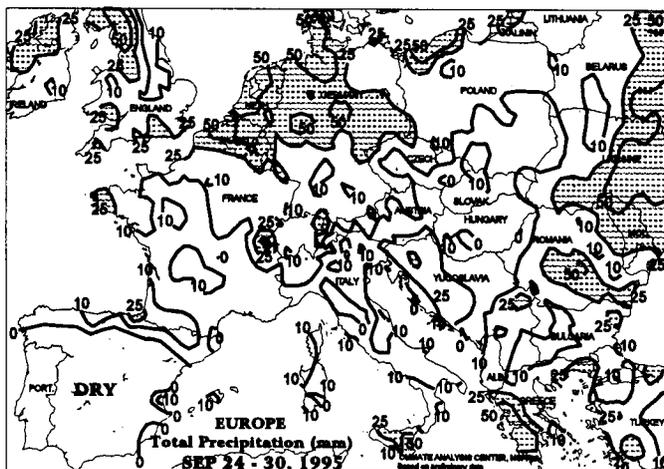
**FSU-WESTERN**

In Russia, mostly dry weather covered Central Black Soils Region, lower Volga Valley, and North Caucasus, benefiting corn, sunflower, and sugar beet harvesting and late winter grain planting. Rain is needed over major winter wheat areas for emergence and early establishment. In Ukraine, a frontal system brought moderate to locally heavy rain (25-50 mm, with local amounts in excess of 60 mm) over central areas late in the week. While the rain interrupted summer crop harvesting, it provided abundant moisture for winter grain emergence and establishment. In contrast, little, if any, precipitation fell over eastern Ukraine, allowing summer crop harvests to progress without delay. Elsewhere, wet weather (25-60 mm) covered eastern Belarus, while lesser amounts of rain (10-25 mm) fell over western Belarus, and the Baltics. Weekly temperatures averaged near to above normal over most of the region, favoring winter grain emergence and establishment.



**FSU-NEW LANDS**

Several days of warm, dry weather over Russia and Kazakhstan allowed spring grain harvesting to progress toward completion. In cotton areas of Central Asia, scattered showers over Uzbekistan caused only brief delays in cotton harvesting, which continued to progress at a rapid pace. Reports as of September 27 indicated Uzbekistan's cotton harvest was about 54 percent complete, compared to 37 percent last year.

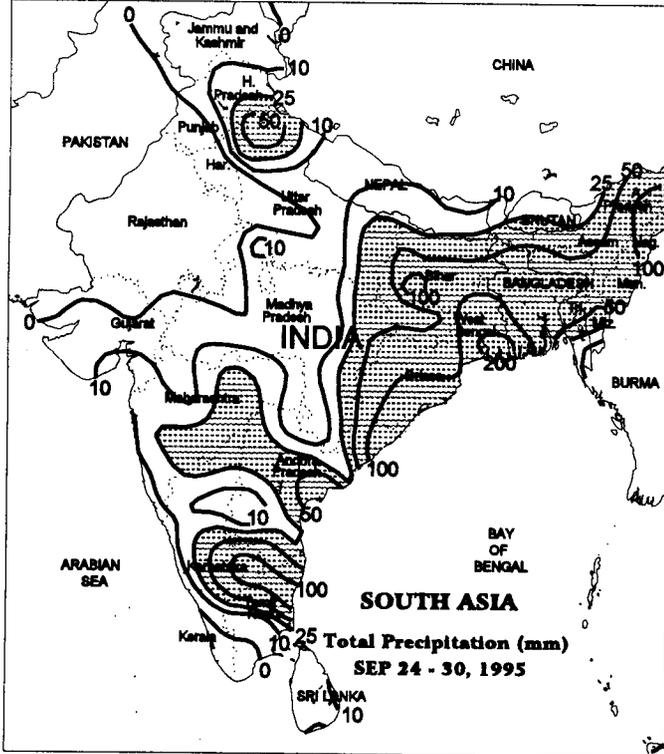


**EUROPE**

Wet weather (15-35 mm, with local amounts in excess of 50 mm) over England, northern France, the Benelux countries, and Germany interrupted summer crop harvesting and early winter grain planting. Since planting begins in late-September and continues through November, substantial time remains for planting the crop. Farther south, drier weather (precipitation amounts generally less than 10 mm) over southern France and Italy benefited corn harvesting, delayed by previous wetness. Typically, the bulk of the corn crop in France is harvested in October. In eastern Europe, mostly dry weather over Slovakia and Hungary benefited corn and sunflower harvesting. Dry weather early in the week over Romania, Yugoslavia, and Bulgaria was followed by light to moderate showers (10-25 mm) at week's end, which interrupted harvest activities. Weekly average temperatures were 2-4 degrees C below normal over most of Europe.

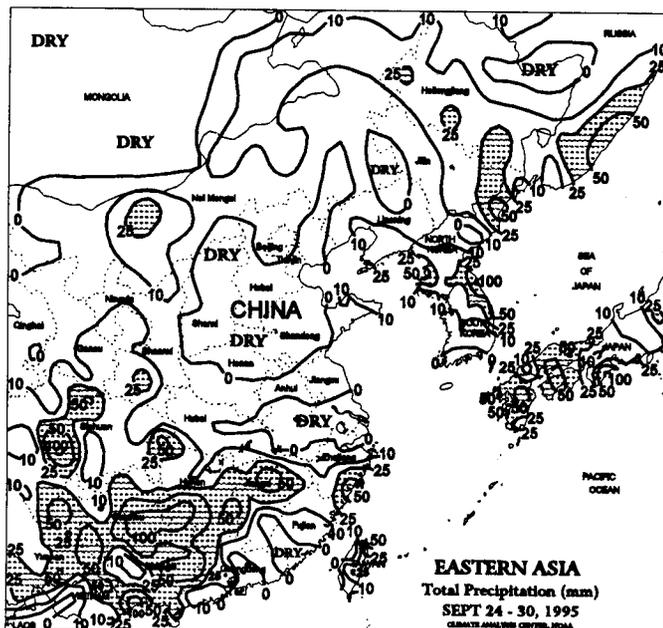
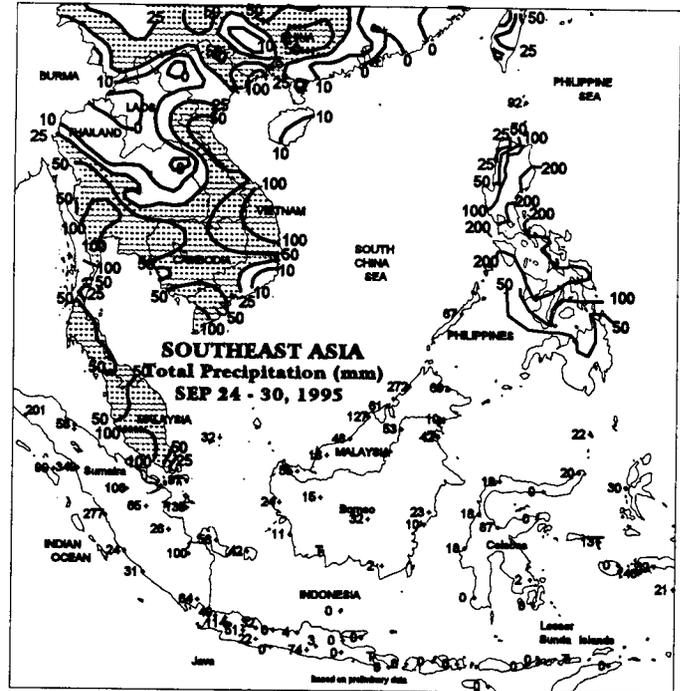
**SOUTH ASIA**

Moderate to heavy showers (25-100 mm or more) continued over southern and eastern India and Bangladesh. The rains caused some additional flooding and harvest delays in the eastern rice areas but increased moisture for dry-season crops. In the southern interior, the moisture benefited newly-planted rabi (autumn-planted) grains, oilseeds, and cotton. Elsewhere, seasonably dry, somewhat warmer-than-normal weather in the northwest (Pakistan, and northern and central India) benefited maturing grains, oilseeds, and cotton. Favorably warmer and drier weather in recent weeks, associated with the retreating monsoon, has been especially favorable for previously flooded coarse grain, rice, and cotton areas in the northwest. In addition, winter grain and oilseed planting will likely be underway soon in response to good weather and generally favorable moisture conditions.



**SOUTHEAST ASIA**

Heavy rain (60-125 mm, with an isolated amount near 175 mm) likely caused additional flooding across south-central Thailand. However, drier weather (less than 10 mm) favored maturing rice across northern and northeastern Thailand. In Vietnam, a weak tropical depression (sustained winds less than 35 knots (40 mph)) hit the south-central coast on September 28, producing heavy rain (100-130 mm) and causing some flooding. Elsewhere, moderate to heavy rain (20-70 mm) fell across north-central and southern Vietnam. Typhoon Sibyl passed over the central Philippines during September 29 and 30, with sustained winds of 80 to 100 knots (92-115 mph) and produced widespread heavy rain (90-200 mm). Torrential rain (225-330 mm) fell across Mindoro, Samar, and Panay Islands and portions of southern Luzon, possibly damaging rice, sugarcane, and corn. Showers (30-150 mm) brought relief to the secondary rice crop in western Java, but only isolated showers (10-70 mm) were reported in central Java. Eastern Java remained dry. This was the first significant rain in Java since mid-July.

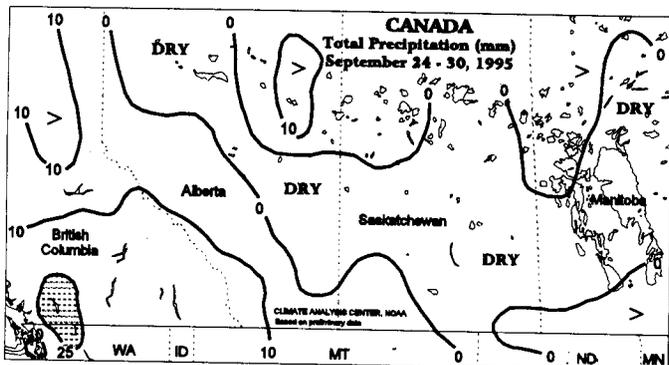


**EASTERN ASIA**

Dry weather favored summer crop maturation and harvesting and winter grain planting across the North China Plain and southern Manchuria. Moderate rain (25-30 mm) fell across northern Manchuria (Heilongjiang), slowing early harvesting. Moderate showers (20-60 mm) covered southwestern and south-central China (Yunnan northeastward into Jiangxi), increasing soil moisture for winter grain and oilseed planting, but slowing rice harvesting. Elsewhere across central and southern China, dry weather favored rice harvesting. Mostly light rain (5-15 mm, with isolated amounts greater than 30 mm) fell across the western Korean Peninsula, causing no major delays for early rice harvesting. In Japan, moderate rain (20-50 mm, with isolated amounts greater than 75 mm) slowed early rice harvesting. Temperatures averaged near normal across the Korean Peninsula and 2-3 degrees C above normal across Japan.

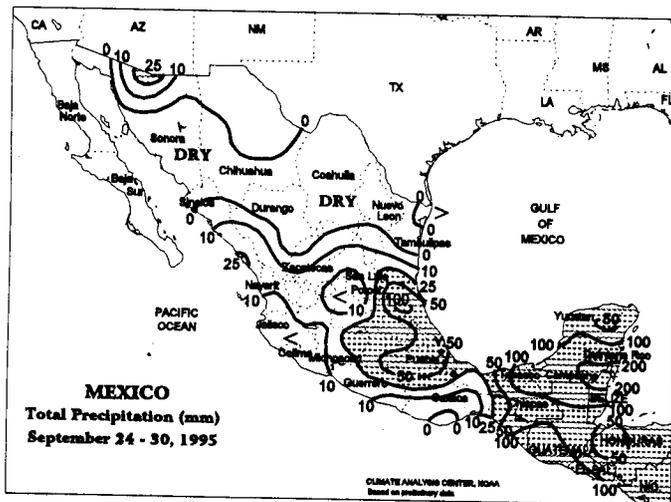
**CANADA**

Dry weather allowed Prairie grain and oilseed harvests to progress rapidly toward completion. Temperatures averaged 2-5 degrees C above normal, aiding crop drydown, with freezing temperatures occurring in the west and north. Farther east, dry weather aided maturing corn and soybeans in Ontario and Quebec. Winter wheat planting was underway. Temperatures averaged near normal, with no killing freeze yet reported in the main crop areas.



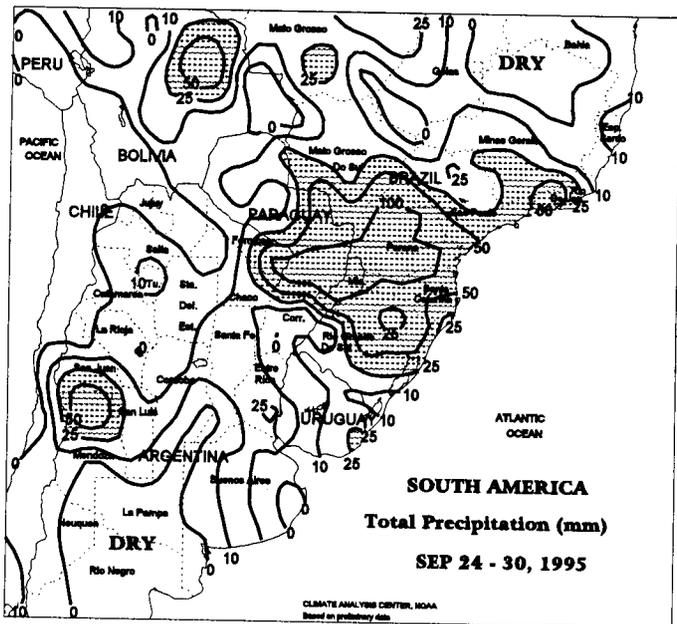
**MEXICO**

Light to moderate rain (5-20 mm) fell across the western Southern Plateau corn belt while heavier rain (30-60 mm, with isolated amounts greater than 100 mm) was reported across the east. The rain favored late-maturing corn but slowed early corn harvesting. Heavy rain (60-100 mm, with isolated amounts greater than 300 mm) covered the Yucatan Peninsula, causing flooding. The rain was due to the tropical depression that slowly crossed over the peninsula and then formed into Hurricane Opal on Monday, October 2. Additional rain is still needed across northern Mexico, despite previous rain which helped to ease long-term dryness.



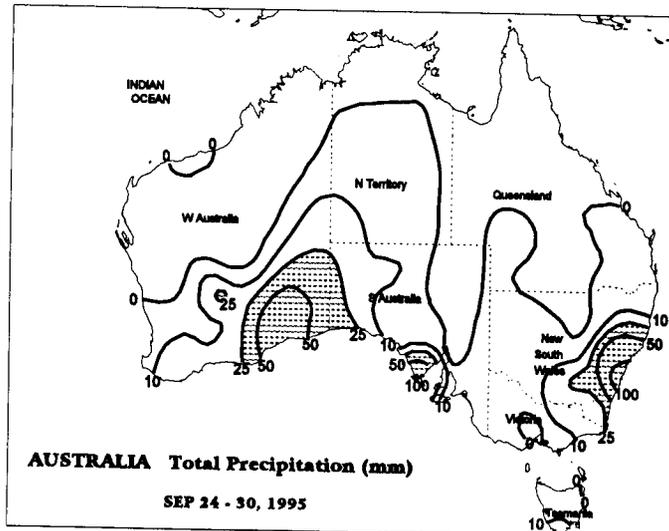
**SOUTH AMERICA**

In Argentina, light rain (2-10 mm, with isolated amounts greater than 15 mm) fell across Buenos Aires and southern Santa Fe, bringing some relief to winter wheat. However, more rain is needed across the main crop region for wheat entering reproduction and to increase topsoil moisture for corn, sunflowerseed, and soybean planting. Central and northern Santa Fe received 10-20 mm of rain which favored reproductive wheat. Minimum temperatures ranged from -1 to -2 degrees C across southern Buenos Aires, burning back vegetative wheat. In southern Brazil, widespread rain (20-70 mm) fell across Rio Grande do Sul northward into central Mato Grosso do Sul and southern Minas Gerais, increasing soil moisture for summer crop planting and aiding coffee and citrus development. Heavier rain (100-150 mm) was reported across Parana and southern Paraguay, boosting topsoil moisture but causing some flooding. Scattered showers (10-50 mm) fell across Mato Grosso, favoring early soybean planting. Temperatures averaged near normal across central Argentina and extreme southern Brazil and 2-3 degrees C above normal across the rest of southern Brazil.



**AUSTRALIA**

Light to moderate rain (2-15 mm, with a few locations exceeding 25 mm) stabilized reproductive grains in Western Australia. However, more rain is needed soon to maintain the region's exceptional yield prospects. In the east, moderate showers (10-25 mm or more) benefited immature grains in New South Wales, but mostly dry conditions prevailed elsewhere in the winter grain belt. Locally heavy showers (50 mm or more) fell in coastal areas of New South Wales, south of the main crop areas. Queensland's summer crop areas need rain soon for planting. Temperatures were generally near normal in the west and near to below normal in the east, with patchy frost possible in some outlying winter grain areas. In New Zealand, precipitation was moderate (10-25 mm) in North Island's pasture lands while heavy showers (50 mm or more) covered northern sections of South Island.



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**U.S. DEPARTMENT OF COMMERCE**

National Oceanic and Atmospheric Administration  
National Weather Service/Climate Analysis Center  
Managing Editor . . . . . *Douglas Le Comte* (202) 720-7919  
Editor . . . . . *Brad Rippey* (202) 720-1444  
Meteorologists: *David Secora, Jeff Savadel, Brian Morris*

Subscriptions . . . . . *Joyce Houston* (202) 720-7917  
fax (202) 720-1455

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Economic Research Service  
E.R.S. Editor . . . . . *Sharon Lee*  
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(Continued from p. 11)

Sorghum Percent Coloring				
	Oct 1 1995	Prev Week	Prev Year	5-Yr Avg
AR	99	99	100	98
CO	87	80	93	82
IL	78	59	99	93
KS	88	81	100	90
LA	100	100	100	100
MS	100	100	100	100
MO	87	81	100	94
NE	99	87	100	96
NM	73	58	81	87
OK	87	78	96	95
SD	99	91	97	89
TX	99	97	95	95
ALL	93	87	98	93

These 12 States produced 98% of the 1994 sorghum crop.

Sorghum Percent Mature				
	Oct 1 1995	Prev Week	Prev Year	5-Yr Avg
AR	97	95	97	91
CO	30	5	32	42
IL	38	17	90	65
KS	32	14	83	53
LA	99	98	100	97
MS	100	98	100	95
MO	55	49	84	68
NE	54	16	96	69
NM	4	3	52	38
OK	17	15	30	39
SD	71	28	77	65
TX	89	85	84	85
ALL	56	41	62	57

These 12 States produced 98% of the 1994 sorghum crop.

Sorghum Percent Harvested				
	Oct 1 1995	Prev Week	Prev Year	5-Yr Avg
AR	82	77	86	72
CO	1	0	21	14
IL	1	0	14	14
KS	3	0	34	15
LA	90	87	83	87
MS	94	85	92	79
MO	31	28	34	27
NE	2	0	21	16
NM	0	0	9	6
OK	5	4	14	10
SD	2	0	12	14
TX	76	74	73	71
ALL	30	28	44	35

These 12 States produced 99% of the 1994 sorghum crop.

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