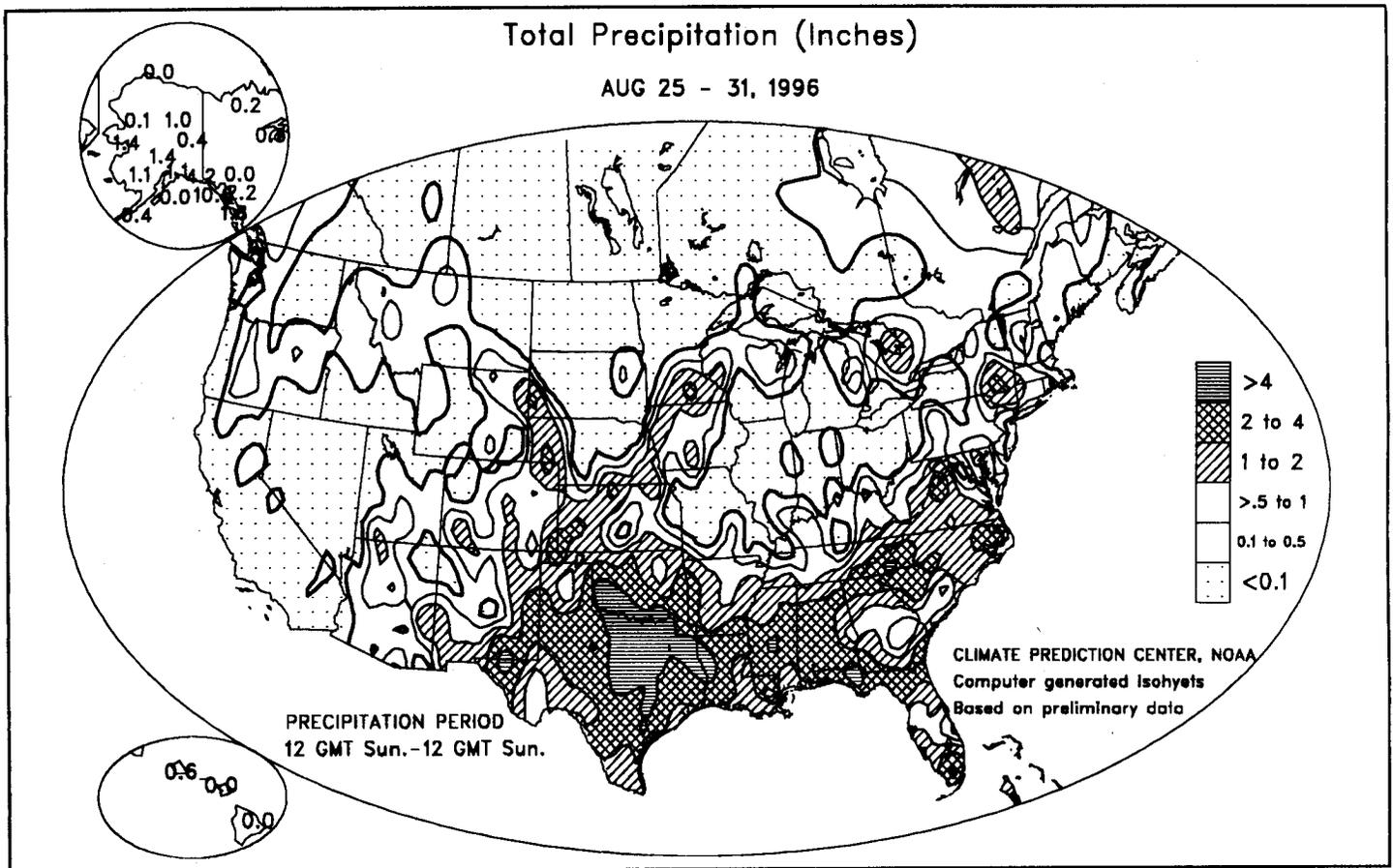


WEEKLY WEATHER AND CROP BULLETIN

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

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



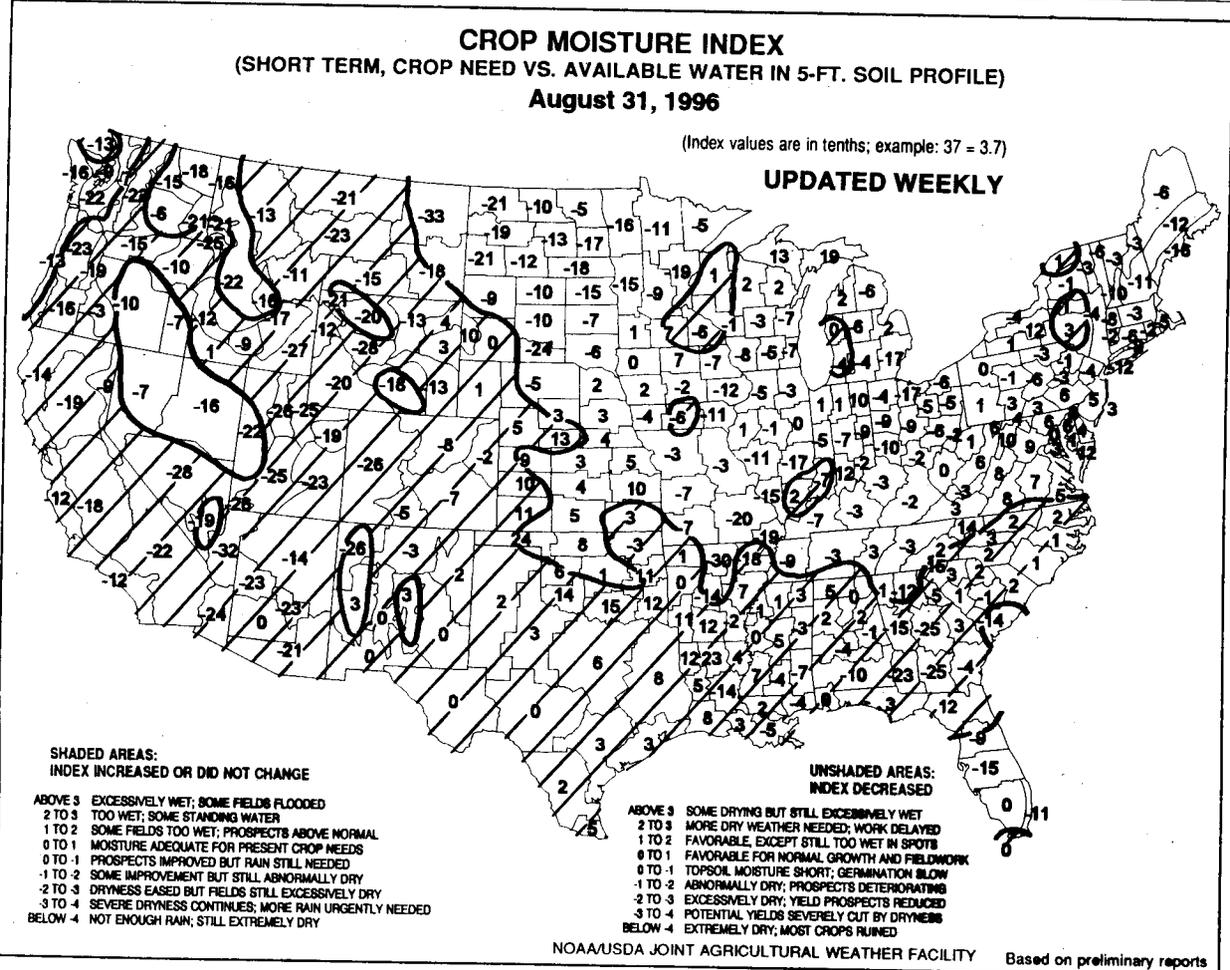
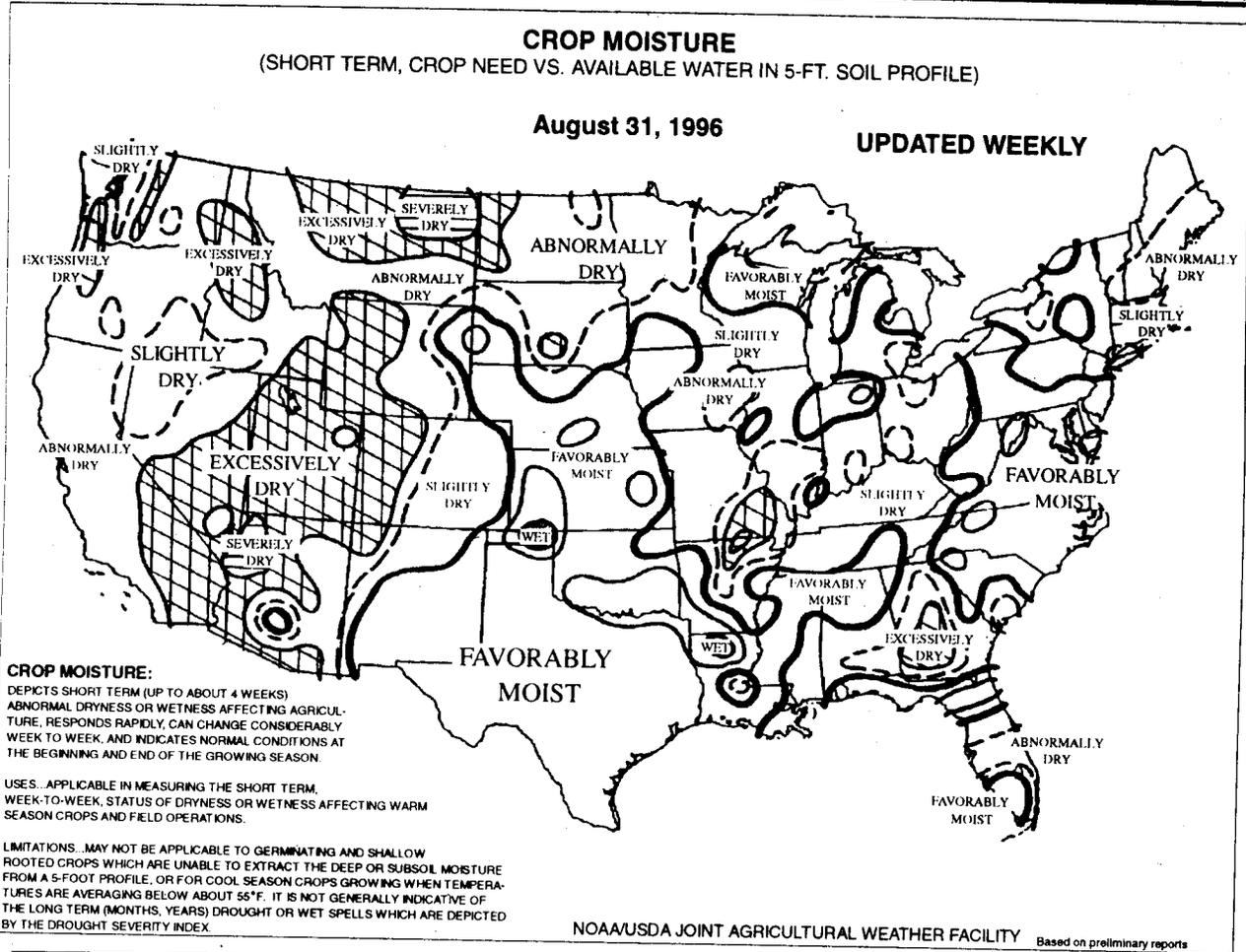
HIGHLIGHTS August 25 - 31, 1996

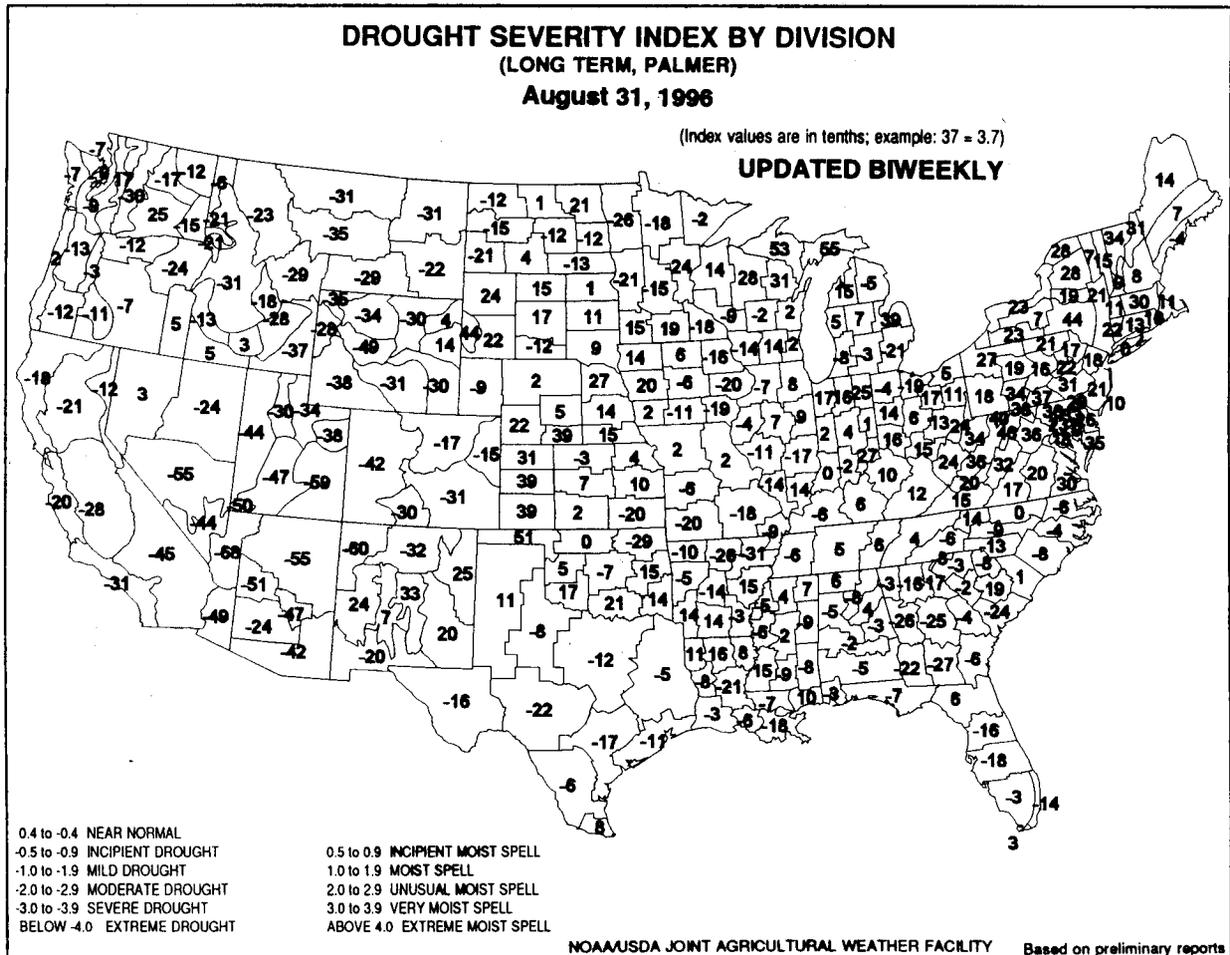
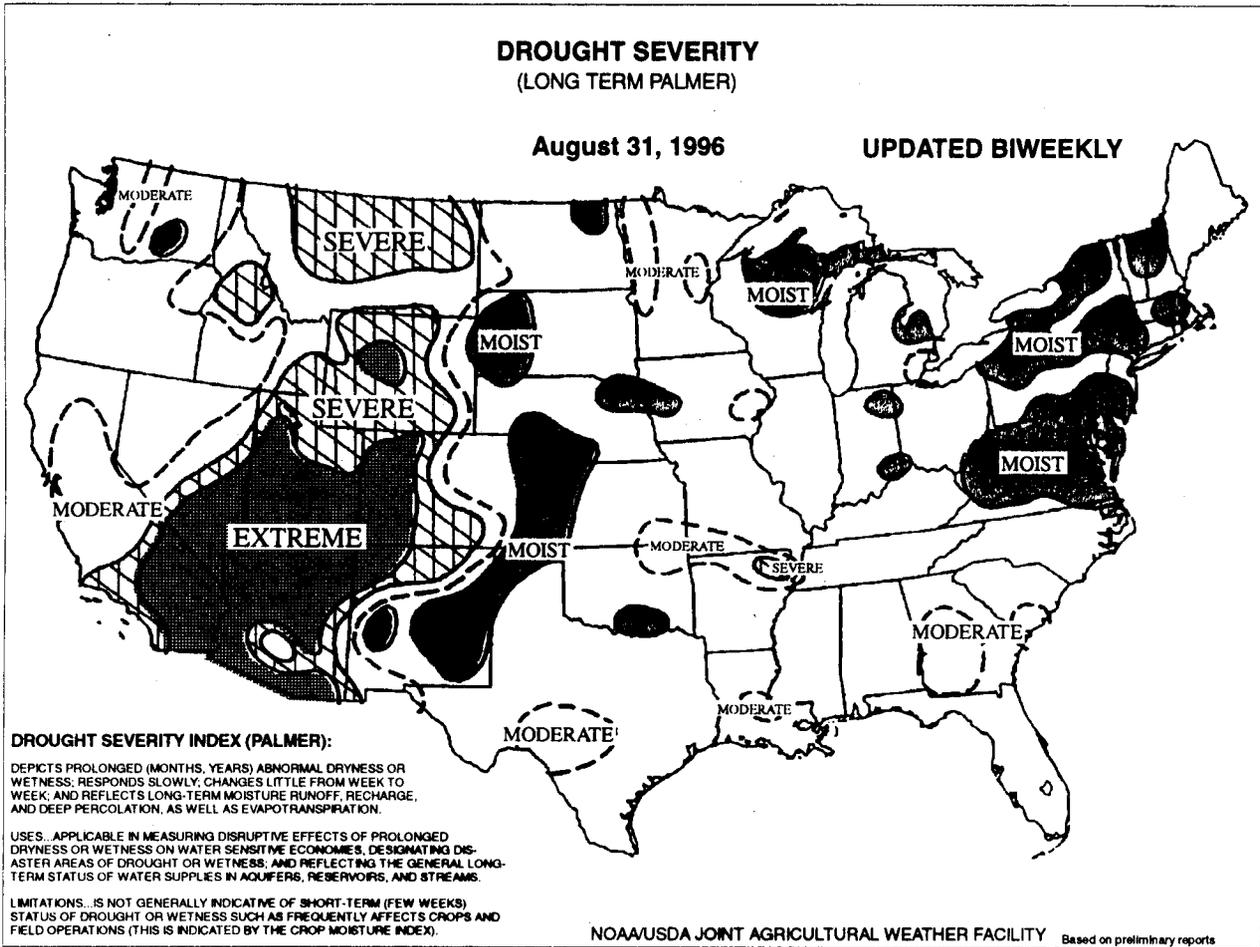
Propitious crop-maturation weather encompassed the **Corn Belt**, while hot, dry conditions favored harvest activities across the **northern Plains** and the **Northwest**. The **West**, however, continued to be subjected to hot, dry, breezy conditions, which, in conjunction with lightning strikes, boosted cumulative wildfire acreage to more than 5 million acres (about 270 percent of the 5-year normal) by August 29. According to the National Interagency Fire Center, the U.S. acreage by month's end surpassed the 1988 total and represented the greatest amount burned since 1969. Elsewhere, cool, very wet weather further eased drought in **Texas** and erased lingering pockets of dryness across the **Southeast**. However, the torrential rains also caused localized flooding and came at a time when cotton bolls were opening. Farther east, Hurricane Edouard—packing sustained winds of 140 mph on August 29-30—roiled **Atlantic** coastal waters, creating heavy surf. The hurricane turned northward toward week's end, however, remaining more than 300 miles east of **North Carolina's Outer Banks**.

(Continued on page 4)

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(Continued from front cover)

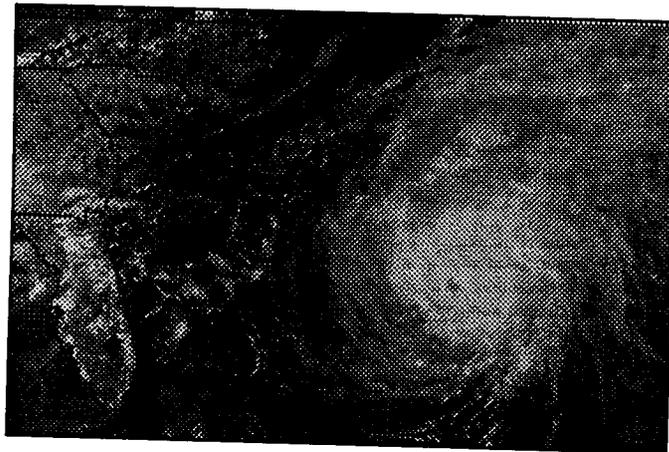
Early in the week, heat edged eastward from the Northwest into the northern Plains, setting about a dozen daily records. On Sunday, highs surged to 104°F in Pendleton, OR and 105°F in Walla Walla, WA. A day later, Boise, ID hit 104°F. In Miles City, MT, where weekly temperatures averaged 10°F above normal, the maximum reached 103°F on Tuesday. Summer (June-August) rainfall averaged 20 to 30 percent of normal in locations such as Miles City (1.52 inches) and Boise (0.37 inches).

Hot weather also prevailed in Hawaii, where Honolulu (93°F on August 25) registered a monthly record-tying high, and Hilo (89°F on August 31) tallied their last of nine daily-record highs during the month. In contrast, weekly temperatures averaged 2 to 7°F below normal in interior and northern Alaska.

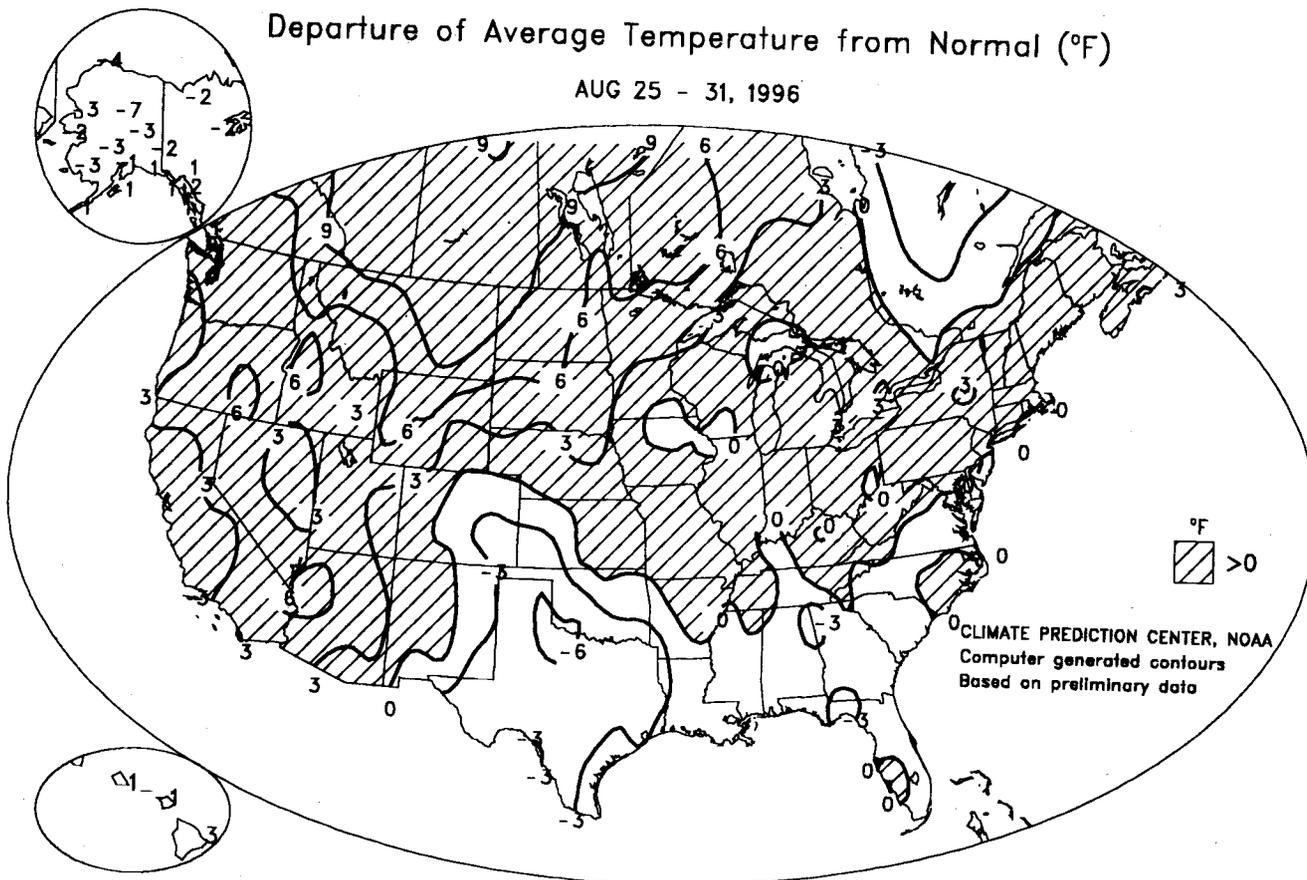
Weekly rainfall topped the 4-inch mark in such Southern locations as Panama City, FL, New Orleans, LA, Dallas-Ft. Worth, TX, and San Angelo, TX. In Texas, totals of 2.28 inches in Brownsville, 2.76 inches in Del Rio, and 5.03 inches in San Angelo accounted for more than 30 percent of year-to-date rainfalls. Corpus Christi wound up with their third-wettest August on record (8.57 inches), behind 1953 and 1980, two years better known, ironically, for heat and extreme dryness. Farther north, nearly 2 inches of rain pelted Dodge City, KS, leaving them with a monthly total of 7.34 inches, one-tenth of an inch shy of their August 1977 record.

In contrast, dry weather continued across much of the Midwest. Monthly rainfall included an August record-low total of 0.11 inches in Paducah,

KY. In Ohio, Dayton's August rainfall of 0.03 inches represented their driest month on record, breaking the mark set in March 1910. Despite the recent trend toward drier weather, the "summer without heat stress" continued from the central Plains to the East Coast. In Goodland, KS, highs reached or exceeded 90°F only four times during the month, tying their record set in 1992 and 1923. So far this year in Charleston, WV, highs have reached the 90-degree plateau on only 3 days, all in April and May. Their calendar-year record is 5 days, established in 1950, 1958, and 1979. In 1930, the mercury in Charleston reached the 90-degree mark on 95 occasions.

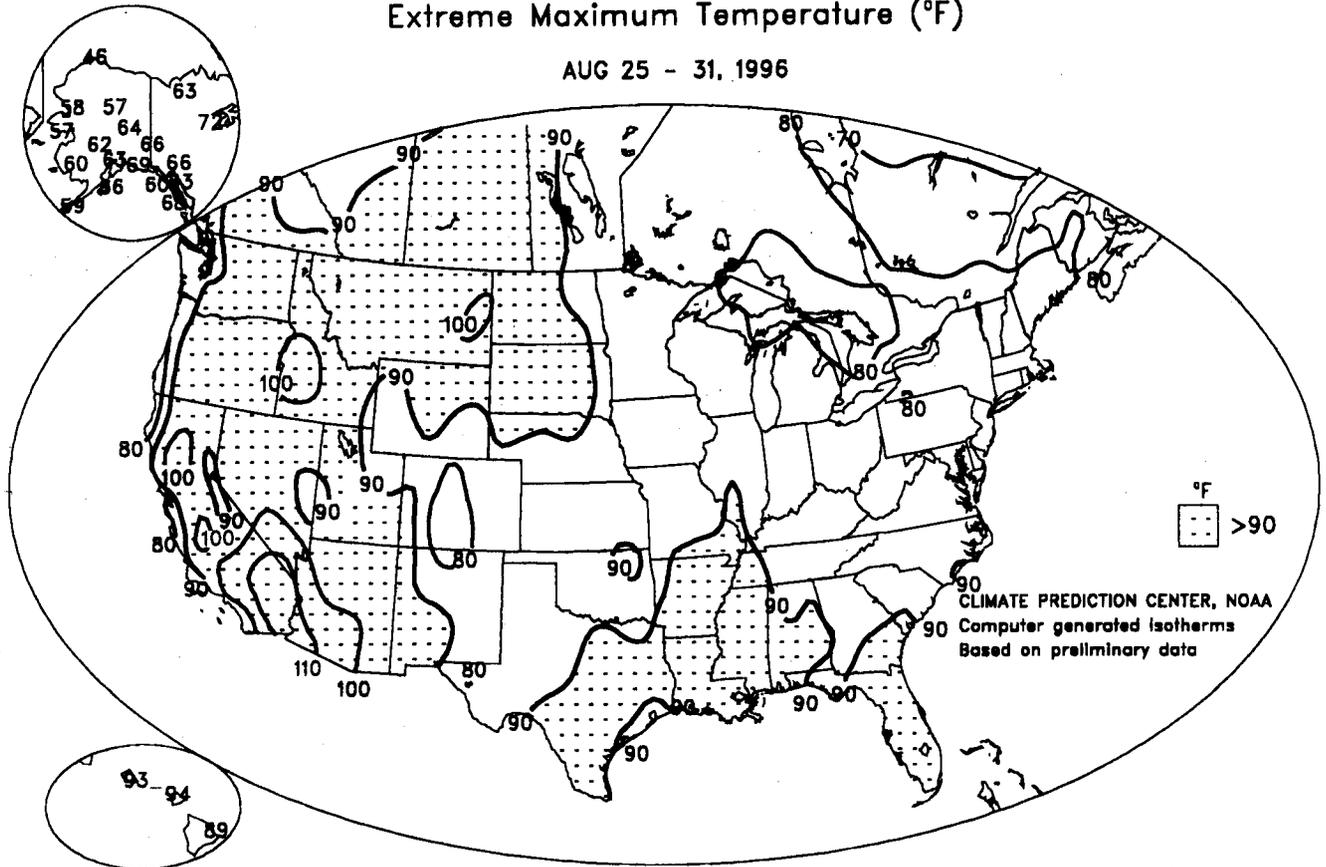


Hurricane Edouard (GOES-8 VIS, Aug. 30, 1996, 18:45 UTC) veers northward after bearing down on the East Coast.



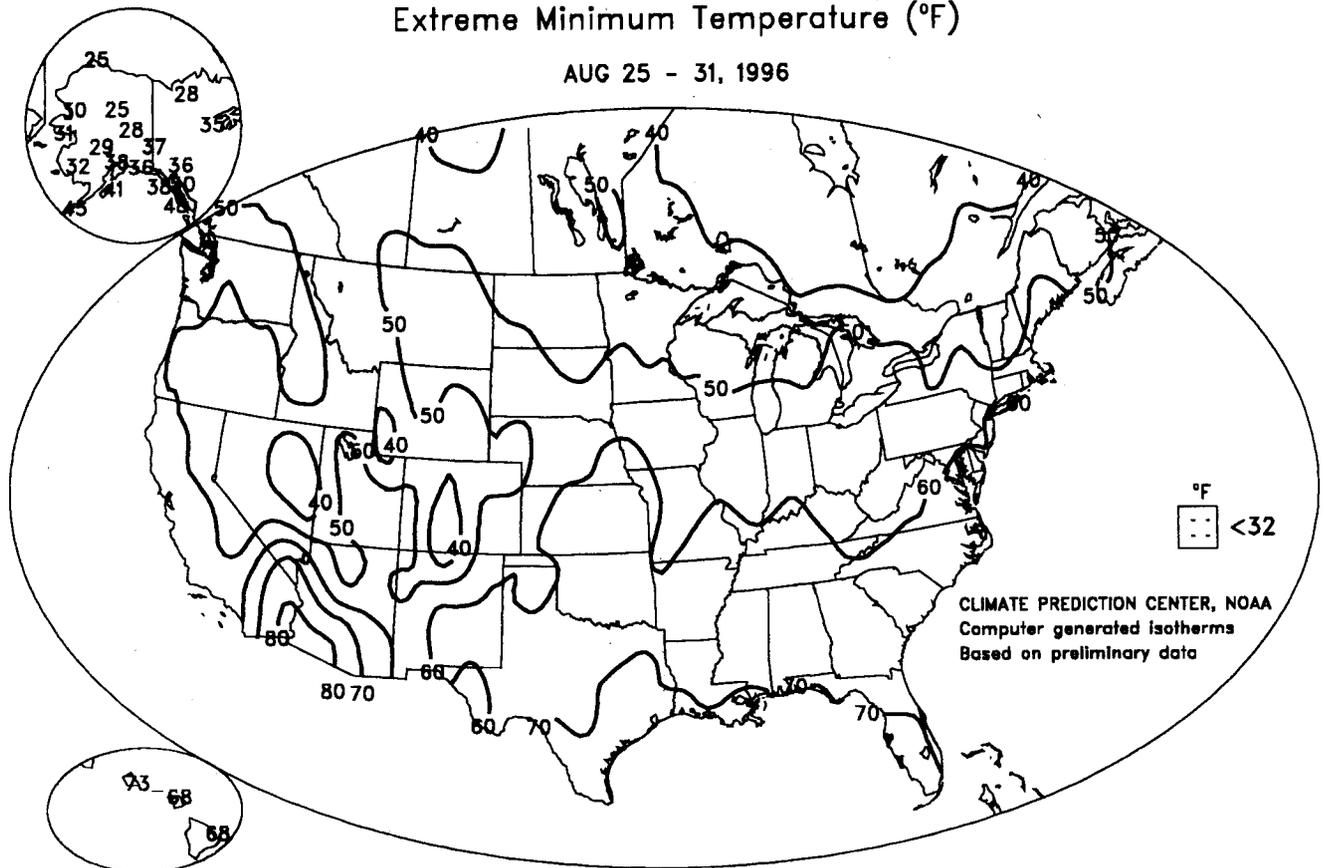
Extreme Maximum Temperature (°F)

AUG 25 - 31, 1996

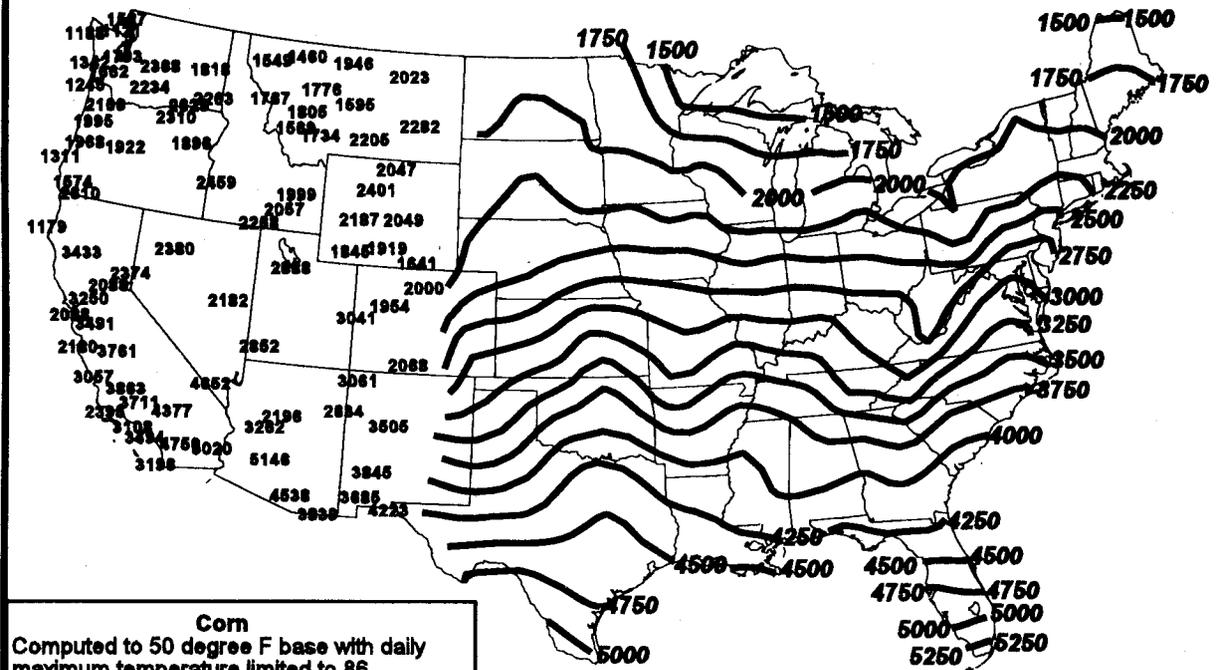


Extreme Minimum Temperature (°F)

AUG 25 - 31, 1996



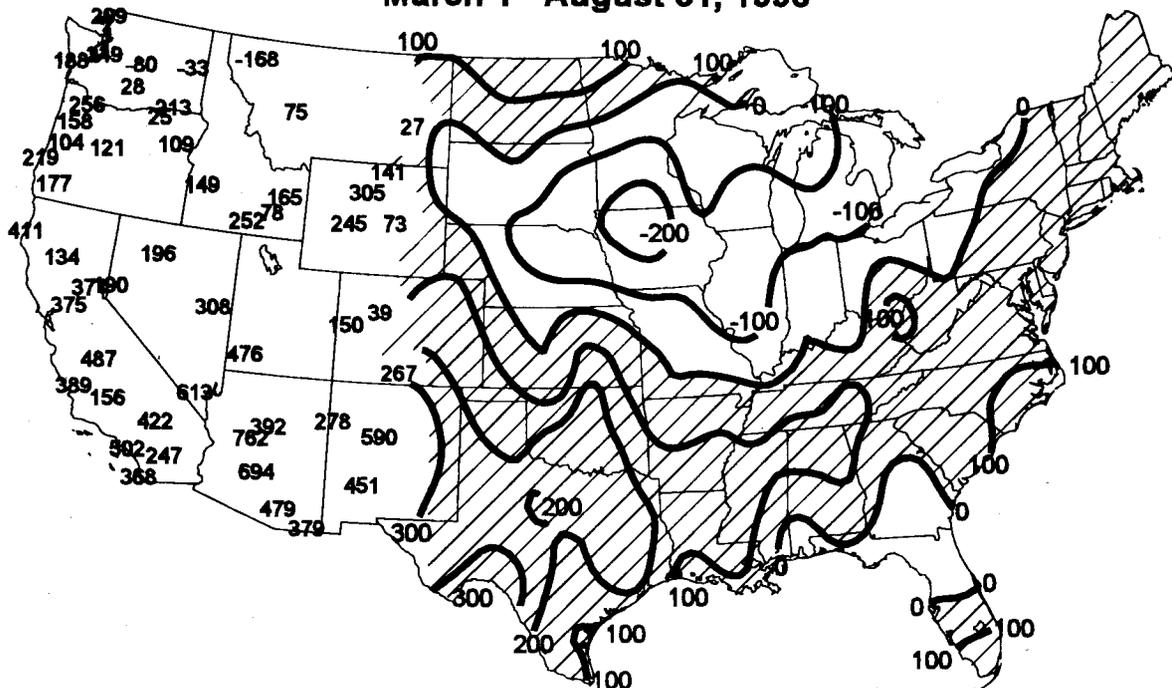
Total Growing Degree Days March 1 - August 31, 1996



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.

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
 Based on preliminary data

Growing Degree Days Departure from Normal March 1 - August 31, 1996



NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
 Based on preliminary data

National Weather Data for Selected Cities

Weather Data for the Week Ending August 31, 1996

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 Jun 1	PCT. NORMAL SINCE Jun 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	.05 INCH OR MORE		
AL BIRMINGHAM	86	69	88	67	77	0	0.91	0.12	--	14.87	118	45.99	119	96	57	0	0	4	0		
AL MOBILE	86	71	89	67	78	-3	1.47	-0.07	0.75	15.17	80	46.96	103	97	57	0	0	5	1		
AL MONTGOMERY	84	69	91	66	77	-2	2.81	1.94	1.53	18.01	108	47.11	119	95	62	2	0	4	2		
AK ANCHORAGE	60	47	63	38	53	-1	1.06	0.45	0.51	5.07	96	8.29	93	91	58	0	0	4	1		
AK BARROW	36	29	46	25	32	-4	0.00	-0.19	0.00	1.69	78	2.37	78	91	76	0	7	0	0		
AK FAIRBANKS	61	39	64	28	50	-3	0.39	0.02	0.19	5.47	105	7.93	108	93	56	0	2	3	0		
AK JUNEAU	59	52	63	50	55	2	--	--	--	--	--	--	100	88	0	0	--	--			
AK KODIAK	62	45	66	41	53	-1	0.00	-1.37	0.00	11.19	82	28.97	71	94	61	0	0	0	0		
AK NOME	52	41	57	31	46	-2	1.37	0.75	0.75	6.13	102	11.85	129	93	70	0	1	4	1		
AZ PHOENIX	103	83	107	80	93	4	0.14	-0.08	0.14	1.32	69	3.13	70	57	29	7	0	1	0		
AZ PRESCOTT	89	62	93	57	75	--	0.02	-0.65	0.02	3.33	47	5.52	41	84	33	4	0	1	0		
AZ TUCSON	97	74	100	72	86	2	0.31	-0.13	0.26	3.72	78	4.85	64	76	32	7	0	3	0		
AZ YUMA	106	85	111	83	96	5	0.00	-0.13	0.00	0.31	34	0.93	49	67	30	7	0	0	0		
AR FORT SMITH	86	69	89	66	78	-1	1.28	0.59	1.15	17.28	186	35.64	132	98	62	0	0	2	1		
AR LITTLE ROCK	--	--	--	--	--	--	0.27	-0.53	--	11.64	--	29.68	94	--	--	--	--	--	--		
CA BAKERSFIELD	95	66	101	58	80	-1	0.00	-0.03	0.00	0.00	0	4.20	107	70	20	6	0	0	0		
CA EUREKA	67	55	70	51	61	3	0.00	-0.14	0.00	0.05	4	29.44	137	93	70	0	0	0	0		
CA FRESNO	96	64	104	60	80	1	0.00	-0.03	0.00	0.08	67	8.14	116	86	30	6	0	0	0		
CA LOS ANGELES	86	67	97	64	76	6	0.00	-0.06	0.00	0.00	0	8.72	110	79	42	3	0	0	0		
CA REDDING	98	60	104	58	79	1	0.00	-0.14	0.00	0.31	26	27.68	142	74	16	6	0	0	0		
CA SACRAMENTO	93	59	104	55	78	2	0.00	-0.03	0.00	0.00	0	15.85	147	85	28	4	0	0	0		
CA SAN DIEGO	81	68	85	64	75	2	0.00	-0.03	0.00	0.08	42	3.94	63	89	54	0	0	0	0		
CA SAN FRANCISCO	73	55	78	55	64	0	0.00	-0.01	0.00	0.00	0	18.46	150	93	59	0	0	0	0		
CO DENVER	81	53	87	50	67	-1	0.21	-0.10	0.21	3.06	59	6.43	55	90	32	0	0	1	0		
CO GRAND JUNCTION	90	60	94	56	75	1	0.13	-0.09	0.10	1.47	63	5.60	86	91	21	4	0	2	0		
CO PUEBLO	81	55	84	52	68	-4	1.39	1.02	0.97	7.28	137	11.02	124	97	45	0	0	4	1		
CT BRIDGEPORT	79	65	85	60	72	1	0.00	-0.69	0.00	10.86	104	33.78	120	88	57	0	0	0	0		
CT HARTFORD	80	59	84	52	69	0	0.71	-0.15	0.71	10.84	102	33.11	115	93	52	0	0	1	1		
DC WASHINGTON	86	67	87	65	77	0	0.01	-0.84	0.01	11.37	103	30.11	116	92	50	0	0	1	0		
FL PANAMA CITY	84	73	88	70	79	-2	4.08	2.49	1.40	--	--	--	97	69	0	0	4	3			
FL DAYTONA BEACH	87	71	91	68	79	-2	1.55	0.08	1.33	15.73	90	39.27	123	97	57	2	0	2	1		
FL JACKSONVILLE	87	71	91	68	79	-2	3.46	2.07	1.29	23.29	139	35.87	107	98	60	3	0	5	3		
FL KEY WEST	88	78	89	75	83	-1	0.00	-1.28	0.00	12.87	94	21.23	87	86	65	0	0	0	0		
FL MIAMI	89	77	93	74	83	0	0.11	-1.73	0.10	21.63	96	37.93	99	88	57	3	0	2	0		
FL ORLANDO	91	72	92	70	82	-1	1.95	0.44	0.72	21.89	103	44.29	126	98	54	6	0	5	2		
FL TALLAHASSEE	86	70	91	68	78	-3	3.50	1.96	1.82	15.94	68	36.18	75	98	53	1	0	6	2		
FL TAMPA	90	75	90	73	82	0	0.16	-1.53	0.12	17.92	91	34.41	108	92	63	5	0	2	0		
FL WEST PALM BEACH	88	74	90	71	81	-2	1.31	-0.25	0.80	13.38	65	26.49	69	93	60	1	0	2	2		
GA ATLANTA	85	70	88	69	78	1	0.52	-0.24	0.43	8.41	69	32.21	89	90	57	0	0	4	0		
GA AUGUSTA	86	69	88	68	77	-1	0.57	-0.35	0.38	13.99	108	27.69	84	97	60	0	0	3	0		
GA MACON	86	68	90	66	77	-2	0.86	0.12	0.77	7.19	62	25.50	78	99	56	1	0	5	1		
GA SAVANNAH	88	71	91	69	79	0	1.55	0.02	1.16	11.44	59	22.85	61	96	56	2	0	2	1		
HI HILO	87	70	89	68	79	3	0.00	-2.01	0.00	28.30	112	80.67	95	77	56	0	0	0	0		
HI HONOLULU	91	74	93	73	83	1	1.86	1.75	--	--	--	11.45	94	83	54	5	0	--	--		
HI KAHULUI	91	71	94	68	81	1	--	--	--	--	--	--	--	80	54	4	0	--	--		
HI LIHUE	--	74	--	73	--	--	--	--	--	--	--	--	--	84	66	0	0	--	--		
ID BOISE	90	60	104	56	75	6	0.12	-0.01	0.12	0.37	23	7.65	99	60	22	3	0	1	0		
ID LEWISTON	91	61	99	57	76	5	0.02	-0.17	0.02	1.01	37	11.46	136	60	22	4	0	1	0		
ID POCATELLO	88	47	94	42	67	2	0.12	-0.05	0.12	0.48	21	7.54	93	73	19	4	0	1	0		
IL CHICAGO	80	59	85	57	70	0	0.00	-0.97	0.00	10.43	89	23.43	97	95	49	0	0	0	0		
IL MOLINE	81	59	84	54	70	0	0.00	-0.92	0.00	7.22	54	22.03	80	95	52	0	0	0	0		
IL PEORIA	83	61	86	59	72	1	0.00	-0.74	0.00	7.40	66	21.80	89	96	51	0	0	0	0		
IL QUINCY	81	61	84	55	71	0	--	--	--	--	--	--	--	94	55	0	0	--	--		
IL ROCKFORD	80	57	82	55	69	0	0.15	-0.79	0.15	17.44	136	34.64	139	99	54	0	0	1	0		
IL SPRINGFIELD	84	60	90	54	72	0	0.01	-0.74	0.01	6.97	68	24.35	101	98	50	1	0	1	0		
IN EVANSVILLE	85	62	87	60	74	-1	0.90	0.21	0.82	9.61	83	39.29	124	94	39	0	0	2	1		
IN FORT WAYNE	81	58	82	54	70	0	0.33	-0.38	0.33	15.37	148	31.42	131	97	53	0	0	1	0		
IN INDIANAPOLIS	83	64	84	61	73	2	0.12	-0.61	0.12	11.52	99	34.77	125	91	50	0	0	1	0		
IN SOUTH BEND	80	58	82	55	69	1	0.00	-0.83	0.00	14.95	129	31.61	122	92	51	0	0	0	0		
IA DES MOINES	80	62	83	59	71	2	1.28	0.39	1.28	9.69	78	24.46	101	92	58	0	0	1	1		
IA SIOUX CITY	81	62	86	59	71	2	1.21	0.54	0.67	16.99	171	26.28	137	98	59	0	0	2	2		
IA WATERLOO	81	55	83	51	68	1	0.00	-0.78	0.00	8.49	66	18.59	76	94	56	0	0	0	0		
KS CONCORDIA	85	63	86	61	74	0	0.04	-0.74	0.02	5.73	49	16.62	76	96	57	0	0	2	0		
KS DODGE CITY	80	64	84	62	72	-3	1.63	1.09	0.77	13.76	152	19.93	119	96	63	0	0	3	2		
KS GOODLAND	80	59	83	54	69	-1	1.00	0.63	0.98	11.41	145	17.84	122	96	54	0	0	2	1		
KS TOPEKA	84	63	86	61	74	0	0.00	-0.91	0.00	16.00	123	27.55	110	96	57	0	0	0	0		
KS WICHITA	84	68	88	67	76	0	0.00	-0.86	0.00	8.93	70	16.78	68	91	55	0	0	0	0		
KY BOWLING GREEN	85	63	86	61	74	0	0.55	-0.23	0.55	11.56	93	37.29	107	99	53	0	0	1	1		
KY LEXINGTON	83	60	86	55	72	-1	0.05	-0.75	0.05	11.97	95	37.30	119	94	49	0	0	1	0		
KY LOUISVILLE	87	65	96	61	76	2	0.00	-0.74	0.00	6.80	59	31.78	102	93	48	1	0	0	0		
LA BATON ROUGE	87	70	91	68	79	-2	0.09	-1.16	0.07	14.14	82	38.07	89	100	60	3	0	2	0		
LA LAKE CHARLES	86	72	89	71	79	-2	3.05	1.79	1.58	21.90	141	30.66	85	99	71	0	0	5	2		
LA NEW ORLEANS	87	73	90	72	80	-1	4.33	2.94	2.71	23.41	129	37.87	88	95	61	3	0	5	2		
LA SHREVEPORT	84	71	92	69	77	-3	2.32	1.65	1.22	17.81	166	27.70	84	99	70	1	0	5	1		

Based on 1961-90 normals

Weather Data for the Week Ending August 31, 1996

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 Jan 1	PCT. NORMAL SINCE Jan 1	TOTAL IN, SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.05 INCH OR MORE
ME CARIBOU	72	49	78	44	60	1	0.32	-0.56	0.24	12.35	112	27.90	120	94	55	0	0	3	0
ME PORTLAND	77	56	85	51	67	2	0.08	-0.57	0.07	7.86	84	29.07	105	93	51	0	0	2	0
MD BALTIMORE	85	61	86	58	73	-1	1.23	0.37	0.93	12.63	112	34.90	126	98	53	0	0	2	1
MD SALISBURY	84	63	86	59	73	0	0.52	-0.59	0.40	14.98	113	37.91	121	100	58	0	0	2	0
MA BOSTON	77	62	84	59	70	0	0.28	-0.46	0.28	7.31	80	27.46	102	89	55	0	0	1	0
MA CHATHAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MI ALPENA	75	51	82	43	63	1	0.16	-0.62	0.15	8.03	86	15.35	79	98	57	0	0	2	0
MI DETROIT	82	60	86	57	71	3	0.00	-0.76	0.00	3.78	37	15.15	68	89	44	0	0	0	0
MI FLINT	79	55	84	50	67	1	0.01	-0.84	0.01	5.92	63	16.00	81	91	48	0	0	1	0
MI GRAND RAPIDS	81	57	85	55	69	2	0.00	-0.90	0.00	7.87	75	18.02	79	90	46	0	0	0	0
MI HOUGHTON LAKE	76	51	81	45	63	1	0.41	-0.40	0.22	14.88	166	23.42	127	96	52	0	0	2	0
MI LANSING	78	55	82	49	67	1	0.00	-0.88	0.00	7.74	82	17.31	86	97	54	0	0	0	0
MI MARQUETTE	73	46	85	41	60	0	0.00	-0.85	0.00	10.50	107	28.94	131	94	50	0	0	0	0
MI MUSKOGON	78	58	80	51	68	2	0.00	-0.88	0.00	7.31	93	17.39	88	94	52	0	0	0	0
MI SAULT ST. MARIE	73	47	80	43	60	0	0.00	-0.86	0.00	11.89	126	24.59	117	94	56	0	0	0	0
MN ALEXANDRIA	80	57	84	52	69	3	-	-	-	-	-	-	-	95	48	0	0	-	-
MN DULUTH	74	53	79	50	63	3	0.00	-0.92	0.00	15.74	138	22.00	107	93	55	0	0	0	0
MN INT'L FALLS	80	51	85	47	65	5	0.00	-0.70	0.00	10.96	103	18.30	106	95	45	0	0	0	0
MN MINNEAPOLIS	81	57	89	51	69	2	0.07	-0.70	0.07	8.29	74	14.91	72	93	47	0	0	1	0
MN ROCHESTER	75	53	81	49	64	-1	0.80	-0.05	0.71	11.13	94	19.64	93	95	59	0	0	2	1
MS GREENWOOD	89	69	95	66	79	0	-	-	-	-	-	-	-	96	51	2	0	-	-
MS JACKSON	84	70	93	66	77	-2	3.33	2.63	1.57	17.55	166	43.73	116	99	66	3	0	6	2
MS MERIDIAN	85	70	95	66	78	-2	2.23	1.47	1.12	17.41	141	42.44	107	96	61	3	0	6	2
MO CAPE GIRARDEAU	89	67	91	63	78	3	0.00	-0.81	0.00	5.67	54	25.31	81	93	46	2	0	0	0
MO COLUMBIA	84	63	86	58	74	1	0.00	-0.75	0.00	6.49	60	24.82	97	96	55	0	0	0	0
MO KANSAS CITY	84	65	86	63	75	1	0.00	-0.98	0.00	12.89	98	27.80	107	93	54	0	0	0	0
MO SAINT LOUIS	85	67	89	62	76	1	0.00	-0.64	0.00	10.57	101	29.71	117	93	42	0	0	0	0
MO SPRINGFIELD	86	62	89	58	74	0	0.00	-1.07	0.00	5.88	48	20.86	73	94	49	0	0	0	0
MT BILLINGS	89	61	95	56	75	8	0.07	-0.20	0.07	1.45	37	8.74	80	59	21	4	0	1	0
MT GLASGOW	92	59	97	53	76	10	0.02	-0.26	0.02	2.78	54	5.37	62	68	17	6	0	1	0
MT GREAT FALLS	87	53	93	49	70	6	0.29	-0.06	0.28	1.89	37	6.65	57	74	20	4	0	2	0
MT HAVRE	92	56	96	51	74	10	0.05	-0.23	0.05	3.98	91	8.13	95	73	20	5	0	1	0
MT HELENA	86	50	94	46	68	5	0.10	-0.20	0.10	3.34	78	7.98	91	75	21	4	0	1	0
MT KALISPELL	83	49	90	41	66	6	0.10	-0.23	0.09	3.04	64	16.03	141	84	29	1	0	2	0
MT MILES CITY	94	63	103	58	78	10	0.00	-0.27	0.00	1.52	28	10.14	95	63	19	5	0	0	0
MT MISSOULA	86	49	94	44	67	5	0.42	0.14	0.30	3.43	88	11.67	121	82	29	3	0	2	0
NE GRAND ISLAND	83	62	87	58	72	2	0.00	-0.67	0.00	10.91	114	23.92	126	97	53	0	0	0	0
NE LINCOLN	83	63	86	61	73	2	0.00	-0.81	0.00	9.36	89	24.75	121	97	59	0	0	0	0
NE NORFOLK	82	63	86	61	72	3	0.04	-0.52	0.03	10.74	105	18.15	94	96	57	0	0	2	0
NE NORTH PLATTE	83	58	88	56	71	2	0.05	-0.29	0.05	12.70	155	18.48	119	98	55	0	0	1	0
NE OMAHA	83	63	86	62	73	2	0.06	-0.72	0.06	7.52	71	22.22	104	93	53	0	0	1	0
NE SCOTTSBLUFF	83	56	90	54	70	1	1.34	1.12	0.72	5.32	92	12.56	103	97	42	1	0	2	2
NE VALENTINE	86	57	90	53	72	2	0.00	-0.59	0.00	3.69	39	10.71	61	92	34	1	0	0	0
NV ELY	89	45	92	36	67	4	0.00	-0.21	0.00	0.44	18	4.89	71	91	8	3	0	0	0
NV LAS VEGAS	105	77	109	74	91	5	0.00	-0.11	0.00	0.39	41	0.91	32	36	14	7	0	0	0
NV RENO	91	49	96	43	70	3	0.00	-0.08	0.00	1.07	101	7.44	152	91	13	4	0	0	0
NH WINNEMUCCA	93	49	98	44	71	5	0.00	-0.11	0.00	0.65	41	6.13	114	65	15	5	0	0	0
NH CONCORD	81	53	87	44	67	3	0.00	-0.71	0.00	7.39	76	27.35	116	91	37	0	0	0	0
NJ ATLANTIC CITY	81	60	84	57	71	0	0.00	-0.85	0.00	12.68	120	32.35	117	94	57	0	0	0	0
NM ALBUQUERQUE	84	64	88	60	74	0	0.89	0.56	0.40	-	-	5.83	96	79	32	0	0	3	0
NM CLOVIS	79	63	82	59	71	-2	-	-	-	-	-	-	-	97	56	0	0	-	-
NM ROSWELL	83	66	86	63	75	-2	-	-	-	-	-	-	-	96	52	0	0	-	-
NY ALBANY	79	58	84	49	69	2	0.28	-0.48	0.28	12.85	125	29.53	122	96	55	0	0	1	0
NY BINGHAMTON	76	56	81	50	66	1	0.83	0.08	0.83	12.81	122	29.15	119	94	54	0	0	1	1
NY BUFFALO	78	58	80	54	68	2	0.01	-0.93	0.01	12.72	118	29.44	120	89	49	0	0	1	0
NY NEW YORK	82	70	88	68	76	3	0.07	-0.74	0.07	11.28	99	28.63	100	81	49	0	0	1	0
NY ROCHESTER	78	55	83	52	67	1	0.00	-0.77	0.00	12.22	134	27.50	132	91	51	0	0	0	0
NY SYRACUSE	80	57	86	50	69	3	0.00	-0.81	0.00	9.26	83	23.57	94	91	47	0	0	0	0
NC ASHEVILLE	79	62	82	59	70	0	1.43	0.15	1.00	15.07	97	32.90	85	100	64	0	0	5	1
NC CHARLOTTE	83	66	86	64	75	-2	0.25	-0.57	0.13	10.36	94	28.24	96	96	62	0	0	3	0
NC GREENSBORO	81	65	84	63	73	-1	0.27	-0.56	0.22	10.42	85	29.43	101	96	61	0	0	2	0
NC HATTERAS	83	73	86	71	78	1	0.07	-1.27	0.06	19.56	130	-	-	95	75	0	0	2	0
NC NEW BERN	86	70	91	68	78	1	1.57	0.19	1.33	18.35	97	35.52	91	97	58	1	0	4	1
NC RALEIGH	84	68	86	61	75	-1	0.12	-0.73	0.12	13.11	112	30.30	104	96	67	0	0	1	1
NC WILMINGTON	87	70	90	67	78	1	1.47	-0.15	0.85	26.53	140	40.84	103	95	56	1	0	2	2
ND BISMARCK	89	56	96	47	73	8	0.00	-0.36	0.00	8.81	134	13.75	114	89	31	3	0	0	0
ND FARGO	85	59	90	47	72	7	0.00	-0.51	0.00	4.53	57	9.61	67	86	38	1	0	0	0
ND GRAND FORKS	83	56	89	48	70	6	0.00	-0.53	0.00	5.88	74	11.3							

Weather Data for the Week Ending August 31, 1996

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 Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL IN, SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.	
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	0.5 INCH OR MORE
OK TOLEDO	84	59	88	56	71	4	0.00	-0.72	0.00	7.09	69	20.07	90	91	46	0	0	0	0
OK YOUNGSTOWN	79	54	81	51	66	0	0.00	-0.76	0.00	9.08	80	25.87	103	96	52	0	0	0	0
OK OKLAHOMA CITY	83	68	86	65	76	-3	2.46	1.76	1.15	19.95	209	26.12	114	97	68	0	0	0	3
OK TULSA	88	69	92	64	78	-1	0.10	-0.75	0.10	6.98	66	13.22	49	95	52	3	0	1	0
OR ASTORIA	67	55	73	50	61	1	0.00	-0.40	0.00	4.08	84	46.44	125	94	71	0	0	0	0
OR BURNS	67	47	96	41	67	6	0.13	-0.03	0.10	1.02	54	8.20	131	77	18	4	0	2	0
OR MEDFORD	93	59	102	53	76	5	0.08	-0.07	0.08	0.59	43	14.69	147	72	21	4	0	1	0
OR PENDLETON	89	60	104	56	74	5	0.05	-0.09	0.05	0.57	37	8.85	120	61	21	2	0	1	0
OR PORTLAND	79	61	92	56	70	3	0.00	-0.31	0.00	1.52	47	32.08	157	78	40	1	0	0	0
OR SALEM	80	56	91	50	68	2	0.00	-0.23	0.00	1.83	69	35.25	164	89	44	1	0	0	0
PA ALLENTOWN	83	58	86	53	70	0	0.00	-0.98	0.00	12.30	101	32.48	111	91	42	0	0	0	0
PA ERIE	78	60	82	55	69	1	0.01	-0.97	0.01	12.89	111	29.59	115	94	55	0	0	1	0
PA HARRISBURG	84	62	86	59	73	1	0.00	-0.76	0.00	15.61	146	34.96	128	100	50	0	0	0	0
PA PHILADELPHIA	84	66	85	64	75	4	0.43	-0.45	0.43	15.31	120	32.78	106	92	52	0	0	1	0
PA PITTSBURGH	82	57	84	52	69	1	0.00	-0.70	0.00	13.11	123	31.26	121	93	42	0	0	0	0
PA SCRANTON	80	56	83	52	68	0	0.04	-0.71	0.04	11.02	99	30.65	125	94	45	0	0	1	0
RI PROVIDENCE	79	61	87	58	70	1	0.46	-0.37	0.46	9.95	98	28.00	95	91	53	0	0	1	0
SC CHARLESTON	87	70	89	69	78	-1	1.18	-0.30	0.76	16.23	79	27.01	71	96	61	0	0	5	1
SC COLUMBIA	86	69	88	67	77	-1	0.74	-0.48	0.57	8.87	54	24.60	67	94	57	0	0	2	1
SC FLORENCE	85	68	86	66	76	-2	0.00	-1.00	0.00	9.49	63	20.25	63	98	59	0	0	0	0
SC GREENVILLE	82	68	85	67	75	0	1.19	0.33	0.62	12.50	94	37.58	106	95	64	0	0	3	2
SD ABERDEEN	84	57	91	47	70	4	0.00	-0.58	0.00	6.27	66	13.99	85	98	43	2	0	0	0
SD HURON	86	60	94	50	73	5	0.02	-0.39	0.02	6.04	76	12.98	83	97	46	3	0	1	0
SD RAPID CITY	86	57	92	54	72	5	0.00	-0.34	0.00	3.18	47	15.13	114	77	28	2	0	0	0
SD SIOUX FALLS	82	59	88	54	71	3	0.02	-0.67	0.02	4.20	47	12.02	70	95	54	0	0	1	0
TN CHATTANOOGA	86	68	94	66	77	0	1.70	0.90	0.90	12.47	105	37.33	103	96	58	1	0	5	2
TN KNOXVILLE	85	65	88	62	75	1	0.13	-0.52	0.12	9.24	79	33.66	102	95	52	0	0	2	0
TN MEMPHIS	87	69	93	65	78	-1	0.48	-0.30	0.44	20.97	194	44.06	127	96	51	2	0	3	0
TN NASHVILLE	87	68	88	67	77	1	0.09	-0.69	0.09	10.85	99	30.58	94	91	51	0	0	1	0
TX ABILENE	82	68	86	64	75	-6	2.58	1.88	1.07	10.31	133	16.80	104	99	65	0	0	6	2
TX AMARILLO	78	62	80	58	70	-4	2.33	1.66	2.08	14.30	150	16.53	110	98	65	0	0	3	1
TX AUSTIN	85	72	90	70	79	-5	2.39	1.82	0.88	13.38	171	18.34	88	96	66	2	0	6	2
TX BEAUMONT	86	72	90	70	79	-3	1.51	0.19	1.49	18.71	115	25.93	70	100	65	1	0	2	1
TX BROWNSVILLE	90	75	91	73	83	-1	2.28	1.32	0.97	6.42	87	7.22	48	96	61	6	0	5	2
TX CORPUS CHRISTI	89	74	91	73	82	-2	2.89	1.89	1.30	10.04	111	12.89	69	96	65	2	0	5	2
TX DEL RIO	87	73	91	70	80	-2	2.76	2.10	2.32	4.93	67	7.15	43	97	57	3	0	5	1
TX EL PASO	84	68	90	64	76	-2	0.70	0.33	0.61	6.93	183	7.70	144	82	44	1	0	3	1
TX FORT WORTH	83	72	90	68	78	-3	4.11	3.39	1.89	12.25	158	19.05	79	96	70	1	0	6	3
TX GALVESTON	84	76	87	72	80	-3	2.00	0.81	1.00	7.72	60	12.44	47	93	74	0	0	3	2
TX HOUSTON	87	72	90	70	79	-2	3.46	2.42	1.61	16.50	114	21.76	64	97	67	1	0	5	3
TX LUBBOCK	78	65	80	61	72	-4	2.49	1.90	1.27	9.41	123	12.27	95	95	64	0	0	4	2
TX MIDLAND	81	67	82	66	74	-5	0.81	0.25	0.53	4.96	101	6.49	69	97	66	0	0	5	1
TX SAN ANGELO	83	69	88	67	76	-4	5.03	4.42	2.62	9.62	181	14.69	115	98	62	0	0	5	2
TX SAN ANTONIO	87	72	92	69	80	-4	2.11	1.44	0.92	6.37	75	8.78	43	96	58	3	0	6	2
TX VICTORIA	86	73	90	72	80	-2	2.96	1.92	1.59	13.57	109	16.91	60	100	66	1	0	6	2
TX WACO	85	72	90	70	79	-5	3.66	3.14	1.26	11.06	159	16.89	81	99	68	1	0	5	4
TX WICHITA FALLS	82	70	88	67	76	-5	2.58	1.80	--	8.99	108	12.93	66	96	72	0	0	--	--
UT CEDAR CITY	91	58	95	53	74	5	0.00	-0.30	0.00	2.94	98	7.84	100	48	17	4	0	0	0
UT SALT LAKE CITY	93	63	97	57	78	6	0.00	-0.22	0.00	0.52	20	11.41	106	68	18	5	0	0	0
VT BURLINGTON	77	56	85	49	67	2	0.34	-0.54	0.32	10.72	96	28.82	127	92	50	0	0	2	0
VA NORFOLK	80	70	82	68	75	-1	1.33	0.32	0.68	17.73	130	38.31	122	93	70	0	0	2	2
VA RICHMOND	83	65	85	63	74	0	1.19	0.31	1.19	14.45	111	31.66	106	95	48	0	0	1	1
VA ROANOKE	81	62	84	60	72	-1	0.18	-0.71	0.17	16.78	149	36.06	131	95	58	0	0	2	0
WA QUILLAYUTE	72	55	86	49	63	5	0.58	-0.10	0.53	4.19	51	51.80	87	96	64	0	0	3	1
WA SEATTLE-TACOMA	77	59	89	57	68	4	0.08	-0.24	0.06	2.67	79	27.83	137	86	47	0	0	2	0
WA SPOKANE	87	56	96	50	72	6	0.06	-0.11	0.05	2.44	92	12.92	127	76	25	2	0	2	0
WA YAKIMA	87	54	100	46	71	4	0.00	-0.11	0.00	0.38	35	5.53	119	75	29	2	0	0	0
WV BECKLEY	79	57	80	53	68	1	0.06	-0.66	0.06	16.80	141	39.45	138	96	59	0	0	1	0
WV CHARLESTON	82	61	84	59	72	0	0.00	-0.81	0.00	15.44	123	39.61	135	99	50	0	0	0	0
WV HUNTINGTON	84	60	85	56	72	2	0.00	-0.83	0.00	12.74	101	37.19	124	97	48	0	0	0	0
WV PARKERSBURG	81	56	83	53	69	-3	0.00	-0.81	0.00	12.88	106	34.38	117	100	46	0	0	0	0
WI GREEN BAY	77	53	83	44	65	1	0.20	-0.83	0.20	9.48	95	18.43	95	95	55	0	0	1	0
WI LACROSSE	82	58	88	52	70	2	0.62	-0.30	--	10.87	94	19.81	93	99	45	0	0	--	--
WI MADISON	78	54	81	49	66	0	0.00	-0.87	0.00	13.86	122	23.61	106	96	50	0	0	0	0
WI MILWAUKEE	79	60	85	58	70	3	0.10	-0.71	0.10	7.23	71	15.73	71	89	54	0	0	1	0
WI WAUSAU	79	54	84	49	67	3	0.83	-0.20	0.83	16.76	136	25.27	113	97	49	0	0	1	1
WY CASPER	86	48	91	45	67	2	0.09	-0.06	0.09	2.43	72	6.94	76	83	22	3	0	1	0
WY CHEYENNE	78	50	84	47	64	1	0.75	0.41	0.53	6.58	112	12.42	109	93	34	0	0	3	1
WY LANDER	87	56	92	52	71	6	0.00	-0.16	0.00	0.57	20	6.40	68	67	16	1	0	0	0
WY SHERIDAN	90	54	96	49	72	8	0.51	0.27	0.43	2.37	60	9.44	91	71	25	4	0	2	0
PR SAN JUAN	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Based on 1961-90 normals

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

National Agricultural Summary

August 26 - September 1, 1996

HIGHLIGHTS

Warmer weather over most of the Midwest accelerated crop development, but more warm weather and rain is needed. Scattered rains over the western Corn Belt provided relief to dry fields but many dry pockets remained. Soil moisture supplies declined from the Ohio Valley to the central Great Plains. The warm weather increased plant moisture requirements, and persistent dry conditions stressed row crops and pastures. The warm weather accelerated crop development in the eastern Corn Belt, helping to make up for the late spring planting, but most areas will require a late first freeze to allow crops to reach maturity. Field crops in the Great Lakes region needed more sunny, warm weather to mature. Rainfall over most of Texas brought drought relief and revived

pastures. The rain was accompanied by cooler weather that slowed crop development. In the Southeast, wet conditions slowed fieldwork and high winds damaged some cotton fields that had open bolls. Rain over the Delta left fields too wet for hay harvesting and prevented spraying, resulting in increased insect pressure. In the central Great Plains, insect pressure was moderate, with corn earworms and grasshoppers frequently cited as the most common pests. Dry conditions continued in the Dakotas, stressing row crops and causing crop conditions to decline slightly. Hot, dry weather and lightning strikes in the West have resulted in extensive fire damage to rangeland and livestock.

The **winter wheat** crop in the 19 major producing States was 2 percent (%) planted, 1 percentage point behind the 5-year average. Extremely dry conditions in the West prevented some plantings. Winter wheat planting activity in Washington at 17% complete was 9 points ahead of normal. Wheat seeding in the Dakotas was underway, but most producers were waiting for rainfall to improve soil moisture conditions. Showers hindered planting from the Southeast to Texas.

Spring wheat harvested for the 5 major producing States was 69% complete, up 19 points from last week and 12 points ahead of the 5-year average. Spring wheat harvest activity in North Dakota at 63% complete was up 22 points from the previous week and 8 points ahead of normal. Dry conditions in North Dakota were favorable for small grain harvest activity.

Corn condition was mostly good to fair, with doughing 74% complete for the 17 major producing States, up 20 points from the previous week, but 8 points behind the average. Some scattered rain and warmer weather over the Midwest aided crop growth, but more warm weather and rain were needed to accelerate development to normal levels. Corn denting at 33% complete was up 15 points from the previous week but 18 points behind the average. Doughing in Ohio at 66% complete was 29 points behind normal, while denting at 11% complete was 43 points behind the average. In Illinois and Indiana, denting lagged the average by over 24 points. In Missouri, 32% of the corn crop had reached maturity, with 6% of the acreage harvested. Producers in Wisconsin noted that corn ear development varied from well-filled to some with unpollinated tips.

Cotton bolls opening was 39% complete, up 12 points from last week and 9 points ahead of the average. Cotton condition declined slightly from the previous week, but remained mostly good to fair for the 14 major producing States. Some fields with open bolls in Arizona were damaged by heavy precipitation and high winds. Bollworms and bollweevils were prevalent in parts of the Delta, where some boll rot was reported. Cotton defoliation began in

California's southern San Joaquin Valley and was active in the desert. With cotton bollworm populations increasing in the Texas High Plains, producers applied insecticides before the heavy rains arrived. The heavy rainfall damaged some cotton in the Texas Coastal Bend, while cool weather slowed development.

Rice harvested for the five major producing States was 27% complete, up 4 points from the previous week and 4 points ahead of normal. Rice condition was mostly rated good to excellent. Rice harvested in Texas at 80% complete was up 6 points from last week and 19 points ahead of the average. Producers in Arkansas were draining rice fields in preparation for harvest. In California, development was slowed by low morning temperatures in the Sacramento Valley. Harvest activity in Texas was slowed by heavy precipitation that damaged some fields, but the moisture is expected to benefit the second crop.

Sorghum condition for the 12 major producing States was mostly good to fair with sorghum turning color 51% complete, up 13 points from the previous week, and 1 point behind the average. In Nebraska and New Mexico, sorghum turning color was 15 points behind normal. Sorghum turning color in Illinois at 26% complete was up 16 points from the previous week but 19 points behind the average. Grasshoppers were reported in Kansas. The cooler temperatures and recent rains in Texas benefited some fields.

Soybeans condition was mostly good to fair with soybeans setting pods 91% complete, up 11 points from last week but 2 points below the average. Setting pods in Ohio at 84% complete was behind the average by 16 points, while dropping leaves was 14 points behind normal. In Mississippi, soybeans dropping leaves at 26% complete was 18 points ahead of the average. Producers in Iowa reported some fields were pressured by weed infestations. In Missouri, 9% of the crop had reached maturity. The continued dry weather in the Midwest stressed some late-planted soybean fields. Scattered rain over the western Corn Belt brought some relief to dry soybean fields, but many dry pockets remained.

Crop Progress and Condition

Week Ending September 1, 1996

Soybeans Percent Setting Pods				
	Sep 1 1996	Prev Week	Prev Year	5-Yr Avg
AL	87	66	87	75
AR	84	72	83	77
GA	85	73	89	89
IL	87	76	95	98
IN	92	60	98	99
IA	96	94	99	97
KS	95	84	83	91
KY	85	57	91	79
LA	100	99	97	93
MI	97	65	100	92
MN	98	95	98	96
MS	97	95	95	87
MO	90	72	72	88
NE	98	95	95	97
NC	67	51	73	72
OH	84	71	100	100
SC	71	66	76	69
SD	98	93	95	92
TN	84	69	87	77
ALL	91	80	93	93

These 19 States produced 94% of the 1995 soybean crop.

Soybeans Percent Dropping Leaves				
	Sep 1 1996	Prev Week	Prev Year	5-Yr Avg
AL	3	NA	4	5
AR	9	NA	4	4
GA	4	NA	9	7
IL	0	NA	1	7
IN	3	NA	7	8
IA	0	NA	0	2
KS	6	NA	2	11
KY	3	NA	4	7
LA	22	NA	12	7
MI	1	NA	1	2
MN	0	NA	3	4
MS	26	NA	19	8
MO	0	NA	0	2
NE	0	NA	0	5
NC	0	NA	0	0
OH	0	NA	6	14
SC	1	NA	0	0
SD	12	NA	7	17
TN	3	NA	5	4
ALL	3	NA	3	6

These 19 States produced 94% of the 1995 soybean crop.

Corn Percent Dough				
	Sep 1 1996	Prev Week	Prev Year	5-Yr Avg
CO	90	76	50	65
GA	100	100	100	100
IL	78	61	91	92
IN	82	55	93	95
IA	64	39	78	72
KS	98	96	79	93
KY	98	86	97	100
MI	45	13	79	58
MN	47	33	87	72
MO	96	92	77	92
NE	89	71	76	88
NC	100	98	99	96
OH	66	46	98	95
PA	69	56	86	74
SD	80	44	73	74
TX	100	100	99	97
WI	58	30	91	67
ALL	74	54	85	82

These 17 States produced 91% of the 1995 corn crop.

Corn Percent Dented				
	Sep 1 1996	Prev Week	Prev Year	5-Yr Avg
CO	45	23	2	25
GA	100	99	100	100
IL	36	18	57	61
IN	30	14	55	58
IA	20	7	47	44
KS	74	66	35	64
KY	78	56	84	84
MI	8	0	44	25
MN	13	0	50	36
MO	79	69	45	73
NE	35	16	30	52
NC	100	92	95	90
OH	11	0	51	54
PA	36	16	51	32
SD	32	11	28	39
TX	98	96	89	89
WI	12	3	53	32
ALL	33	18	49	51

These 17 States produced 91% of the 1995 corn crop.

Cotton Percent Bolls Opening				
	Sep 1 1996	Prev Week	Prev Year	5-Yr Avg
AL	29	15	31	22
AZ	81	69	86	73
AR	37	16	36	21
CA	50	25	21	34
GA	52	37	58	30
LA	60	40	61	50
MS	77	53	57	43
MO	27	21	16	17
NM	35	28	8	22
NC	20	13	21	26
OK	8	8	2	7
SC	20	8	23	23
TN	31	16	23	21
TX	26	22	26	26
ALL	39	27	34	30

These 14 States produced 99% of the 1995 cotton crop.

Sorghum Percent Coloring				
	Sep 1 1996	Prev Week	Prev Year	5-Yr Avg
AR	90	80	92	84
CO	44	12	25	24
IL	26	10	12	45
KS	44	23	18	34
LA	98	97	90	91
MS	95	93	87	89
MO	54	45	45	60
NE	26	14	17	41
NM	8	6	8	23
OK	55	28	33	47
SD	37	25	23	30
TX	72	68	84	80
ALL	51	38	42	52

These 12 States produced 98% of the 1995 sorghum crop.

Oats Percent Harvested				
	Sep 1 1996	Prev Week	Prev Year	5-Yr Avg
IA	100	100	100	100
MI	85	75	95	87
MN	96	93	88	89
NE	100	100	100	100
ND	74	48	55	67
OH	100	99	100	NA
PA	94	74	95	94
SD	99	97	99	98
WI	96	75	92	88
ALL	92	80	86	87

These 9 States produced 56% of the 1995 oat crop.

Crop Progress and Condition

Week Ending September 1, 1996

Rice Percent Harvested				
	Sep 1 1996	Prev Week	Prev Year	5-Yr Avg
AR	6	5	7	8
CA	0	0	0	0
LA	75	62	72	62
MS	18	7	28	13
TX	80	74	61	61
ALL	27	23	26	23

These 5 States produced 96% of the 1995 rice crop.

Soybeans Crop Condition by Percent					
	VP	P	F	G	EX
AL	0	3	22	60	15
AR	4	14	32	39	11
GA	2	5	29	55	9
IL	6	16	37	35	6
IN	5	17	42	31	5
IA	1	5	25	53	16
KS	0	2	16	57	25
KY	1	6	17	60	16
LA	0	1	34	56	9
MI	7	20	31	39	3
MN	1	8	35	50	6
MS	1	4	24	58	13
MO	3	11	31	46	9
NE	0	1	12	59	28
NC	0	3	16	72	9
OH	4	19	40	32	5
SC	1	2	13	69	15
SD	0	8	28	48	16
TN	0	3	23	54	20
ALL	3	10	30	46	11
Prev Wk	3	10	30	46	11
Prev Yr	2	10	34	44	10

Cotton Crop Condition by Percent					
	VP	P	F	G	EX
AL	1	2	32	55	10
AZ	1	6	32	35	26
AR	0	4	22	53	21
CA	0	0	10	50	40
GA	2	10	29	50	9
LA	0	6	30	51	13
MS	1	4	27	50	18
MO	0	5	35	48	12
NM	0	2	9	59	30
NC	0	1	14	67	18
OK	3	17	22	53	5
SC	1	2	19	70	8
TN	0	4	22	56	18
TX	8	19	35	26	12
ALL	3	10	28	43	16
Prev Wk	4	9	24	46	17
Prev Yr	2	16	31	44	7

Spring Wheat Percent Harvested				
	Sep 1 1996	Prev Week	Prev Year	5-Yr Avg
ID	70	52	47	60
MN	55	47	71	60
MT	81	58	41	47
ND	63	41	49	55
SD	97	91	96	92
ALL	69	50	54	57

These 5 States produced 96% of the 1995 spring wheat crop.

Sorghum Crop Condition by Percent					
	VP	P	F	G	EX
AR	1	11	35	46	7
CO	1	5	10	66	18
IL	14	15	31	37	3
KS	1	2	12	58	27
LA	0	0	31	65	4
MS	0	3	22	63	12
MO	1	6	31	50	12
NE	1	1	15	53	30
NM	5	30	31	30	4
OK	0	2	6	89	3
SD	0	8	36	49	7
TX	8	8	29	44	11
ALL	3	5	20	53	19
Prev Wk	4	5	20	54	17
Prev Yr	1	11	32	46	10

Barley Percent Harvested				
	Sep 1 1996	Prev Week	Prev Year	5-Yr Avg
ID	69	49	51	64
MN	60	53	75	76
MT	72	51	41	50
ND	77	53	65	76
SD	99	95	99	97
WA	86	60	76	80
ALL	74	54	60	69

These 6 States produced 82% of the 1995 barley crop.

Corn Crop Condition by Percent					
	VP	P	F	G	EX
CO	3	6	7	62	22
GA	1	10	39	43	7
IL	5	12	31	41	11
IN	4	15	39	37	5
IA	1	4	20	56	19
KS	1	4	12	57	26
KY	1	6	19	54	20
MI	10	19	36	30	5
MN	2	10	33	46	9
MO	1	6	27	47	19
NE	1	2	12	50	35
NC	3	7	37	47	6
OH	4	17	41	33	5
PA	1	2	16	53	28
SD	0	6	25	52	17
TX	10	13	12	27	38
WI	3	11	29	47	10
ALL	3	9	26	45	17
Prev Wk	3	9	26	47	15
Prev Yr	1	9	30	48	12

Peanuts Crop Condition by Percent					
	VP	P	F	G	EX
AL	0	6	43	51	0
FL	0	18	12	64	6
GA	2	12	35	45	6
NC	0	1	29	63	7
OK	0	4	27	56	13
SC	0	8	30	58	4
TX	2	6	38	47	7
VA	0	0	25	61	14
ALL	1	8	34	51	6
Prev Wk	1	7	34	51	7
Prev Yr	NA	NA	NA	NA	NA

Peanuts Percent Harvested				
	Sep 1 1996	Prev Week	Prev Year	5-Yr Avg
AL	2	NA	0	2
FL	5	NA	NA	NA
GA	1	NA	6	3
NC	0	NA	0	0
OK	0	NA	0	0
SC	5	NA	15	6
TX	0	NA	1	3
VA	0	NA	0	0
ALL	1	NA	3	2

These 8 States produced 99% of the 1995 peanut crop.

Crop Progress and Condition

Week Ending September 1, 1996

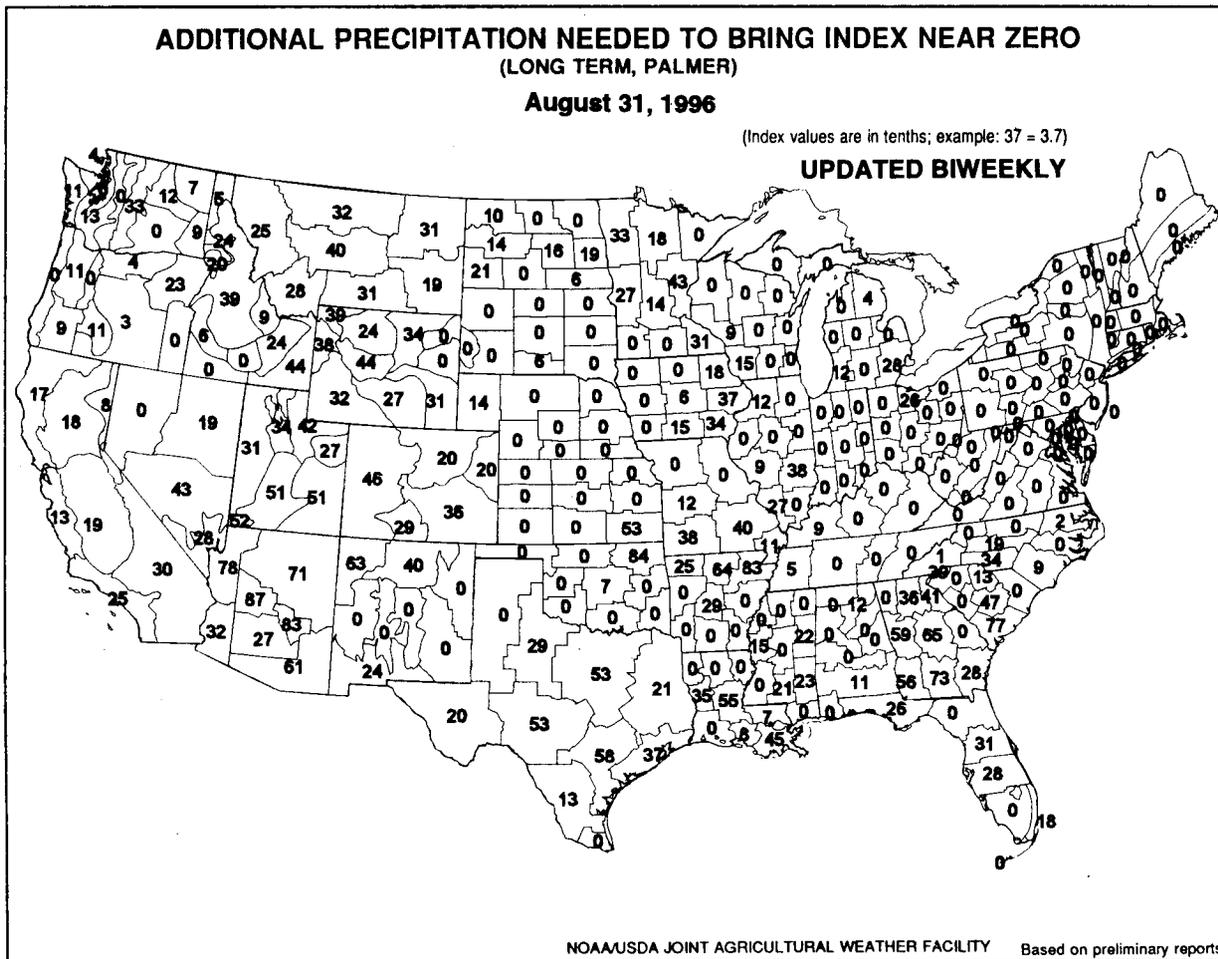
Winter Wheat Percent Planted				
	Sep 1 1996	Prev Week	Prev Year	5-Yr Avg
AR	0	NA	0	0
CA	0	NA	0	0
CO	7	NA	0	3
GA	0	NA	0	0
ID	1	NA	0	2
IL	0	NA	0	0
IN	0	NA	0	0
KS	0	NA	0	1
MI	1	NA	1	0
MO	0	NA	0	0
MT	0	NA	0	1
NE	2	NA	2	3
NC	0	NA	0	0
OH	0	NA	0	0
OK	1	NA	8	6
OR	0	NA	0	1
SD	1	NA	2	3
TX	5	NA	5	6
WA	17	NA	10	8
ALL	2	NA	3	3

These 19 States produced 92% of the 1995 winter wheat crop.

Rice Crop Condition by Percent					
	VP	P	F	G	EX
AR	0	2	17	55	26
CA	0	0	10	65	25
LA	0	3	13	77	7
MS	0	1	22	59	18
TX	0	0	12	60	28
ALL	0	2	15	61	22
Prev Wk	0	2	17	59	22
Prev Yr	0	4	27	53	16

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

National crop conditions for selected States are weighted based on 1995 planted acres.



State Agricultural Summaries

These summaries, issued weekly through the summer growing season, provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service. The crop weather reports are also available on the Internet through the NASS Home Page on the World Wide Web at <http://www.usda.gov/nass/> or from JAWF at <http://www.usda.gov/oce/waob/jawf>.

ALABAMA: Days suitable for fieldwork 4.7. Topsoil 4% very short, 21% short, 64% adequate, 11% surplus. Corn mature 87%, 91% 1995, 86% avg.; harvested 33%, 35% 1995, 36% avg.; 4% poor, 44% fair, 47% good, 5% excellent. Livestock 2% poor, 32% fair, 56% good, 10% excellent. Wet conditions returned as widespread rains fell in most localities. Maintenance, repair of equipment was underway in preparation for harvest.

ALASKA: Days suitable for hay harvest 3 days, 1 day for grain harvest, 4 days for potato harvest. Topsoil 5% short, 95% adequate. Subsoil 15% short, 85% adequate. Second crop hay harvest was less than 10% complete, slightly behind last year. Barley harvest was 5% complete compared to 15% complete in 1995. Oats 5% harvested. Commercial potato harvest stood at less than 5%.

ARIZONA: Weather concerning cotton growers, as storms continue across State. Heavy precipitation, high winds damaging some open cotton fields, altering irrigation schedules. Harvest 4%, 1% 1995, 1% avg. Alfalfa quality continues improving. Harvest 3% light, 50% moderate, 16% active, 31% not being harvested.; 1% very poor, 2% poor, 9% fair, 48% good, 40% excellent. Fall melon season continued as cantaloupe, honeydews were harvested by central growers. Apple harvest progressed in eastern areas. Lemon harvest continued in western, central growing regions. Grazing conditions continued to improve across most of the State with monsoonal weather contributing much needed precipitation. Almost two-thirds was reported in fair to good condition, mostly in the high elevation pastures. Low to mid-elevation pastures, however, continued to remain dry and were rated in mostly very poor to poor condition. Cattle and calves were rated in mostly fair condition. Run off from the storms was limited and water had to be hauled to some areas. Stock water supplies were better and were rated as short to adequate. Soil moisture supplies, however, remained mostly short. Grasshopper infestations were still prominent in a few areas.

ARKANSAS: Days suitable for fieldwork 5. Soil moisture 14% very short, 30% short, 48% adequate, 8% surplus. Main farming activities: Defoliating cotton, scouting and irrigating soybeans, draining rice fields, preparing for winter annuals planting and harvesting rice, corn, sorghum, group IV soybeans and hay. Some fieldwork was delayed in many counties due to excess soil moisture. Soybean irrigation continued in several counties. Several counties reported some Group IV soybean harvest. Numerous counties reported soybeans were scouted for worms. Soybeans were sprayed for podworms in Poinsett, White counties. Several counties reported cotton defoliation. Boll rot has become a major concern for cotton producers in Lafayette County. Bollworms, bollweevils continued to threaten some cotton fields in many counties. Many producers were removing polytube from cotton fields in Drew county. Rice scouting continued in many counties. Rice fields were being drained in preparation for harvest in numerous counties. Rice, corn, sorghum harvests progressed in several counties. Aflatoxin problems were reported in some corn fields in Independence county. Lee county reported corn harvest was winding down. Livestock were in good condition across State. Hay harvest proceeded.

CALIFORNIA: Field activities progressed rapidly under clear skies in most areas. Small grain fields at higher elevations were drying for harvest. Ground preparation for fall-seeded wheat, barley was ongoing. Rice growth was slowed by cool morning temperatures in the Sacramento Valley. Harvest was expected to begin this week. Wild rice harvest was underway in Sutter County. Cotton was sprayed for aphids, lygus, mites, worms. Whiteflies infested some fields in southern Kern County. Defoliation began in the southern San Joaquin Valley and was active in the desert counties. Alfalfa, new crop sugarbeets were treated for armyworms. Corn, dry beans were sprayed for aphids. Grain sorghum was heading in the southern San Joaquin Valley. Corn for grain, silage, dry beans, safflower, seed alfalfa, sugarbeets were harvested. Alfalfa, sudangrass were cut for hay. Grape harvest continued. Varieties of table grapes picked in the San Joaquin Valley included Thompson Seedless, Flame Seedless, Ruby Seedless, Red Globe. Raisin grapes were placed on trays for drying. Grape picking for wine crushing was active in the San Joaquin Valley. Granny Smith, Gala variety apples were picked. Bartlett pear picking continued in Lake County. Freestone peach, plum, prune, nectarine harvests were active. Clingstone peach harvest was winding down. Almond harvest continued.

Walnut growers were concerned about sunburn as they prepared their orchards for harvest. Valencia orange, lemon, and grapefruit harvests remained active. New crop navel oranges progressed well. Broccoli, cauliflower were harvested in Monterey, San Luis Obispo counties. Harvest of carrots slowed in Kern County. Garlic harvest in Kings County was winding down. Celery was harvested in Monterey, Ventura, San Luis Obispo Counties. Melons were picked in the Sacramento, San Joaquin Valleys. In northern areas, watermelons were sprayed for mildew. Onion harvest continued. Bell, chili peppers were harvested in the San Joaquin Valley. Sweet potatoes were harvested in Fresno County. Processing tomatoes were harvested in the San Joaquin, Sacramento valleys. Some sunburn damage was noted. Lettuce was harvested along the coast. Fall lettuce fields were planted, irrigated in the San Joaquin Valley. Rangeland at upper elevations was drying, deteriorating rapidly, some good forage was available. Ranchers were feeding hay, supplements at lower elevations. Cooler temperatures early in the week put less stress on livestock, higher temperatures returned by weekend.

COLORADO: Days suitable for fieldwork 5.2. Topsoil 8% very short, 29% short, 61% adequate, 2% surplus. Subsoil 10% very short, 21% short, 67% adequate, 2% surplus. Spring barley 91% harvested, 38% 1995, 58% avg. Oats 74% harvested, 42% 1995, 64% avg. Dry onions 54% harvested, 24% 1995, 31% avg. Spring wheat 77% harvested, 44% 1995, 40% avg. Corn silage 4% harvested, 0% 1995, 2% avg. Sugar beets 4% poor, 23% fair, 59% good, 14% excellent. Summer potatoes 46% harvested, 26% 1995, 45% avg.; 1% very poor, 3% poor, 7% fair, 70% good, 19% excellent. Fall potatoes 1% harvested, 0% 1995, 0% avg.; 1% very poor, 4% poor, 12% fair, 68% good, 15% excellent. Sorghum 86% headed, 86% 1995, 78% avg. Dry beans 20% cut, 0% 1995, 12% avg.; 9% harvested, 0% 1995, 7% avg.; 2% very poor, 8% poor, 22% fair, 55% good, 13% excellent. Alfalfa hay 95% 2nd cutting, 91% 1995, 79% avg.; 34% 3rd cutting, 21% 1995, 25% avg.; 2% very poor, 8% poor, 22% fair, 55% good, 13% excellent.

DELAWARE: Days suitable for fieldwork 6.5. Topsoil 48% short, 51% adequate, 1% surplus. Subsoil 24% short, 73% adequate, 3% surplus. Corn 2% poor, 9% fair, 82% good, 7% excellent; 91% dough, 97% 1995, 91% avg.; 70% dent, 89% 1995, 72% avg.; 18% mature, 47% 1995, 24% avg.; 22% harvested for silage, 62% 1995, 40% avg. Soybeans 2% poor, 23% fair, 70% good, 5% excellent; 85% bloomed, 97% 1995, 93% avg, 72% setting pods, 86% 1995, 72% avg. Sorghum 19% fair, 80% good, 1% excellent; 22% turning color, 27% 1995, 14% avg. Sweet corn 85% harvested, 94% 1995, 91% avg. Potatoes 87% harvested, 93% 1995, 82% avg. Tomatoes 87% harvested, 88% 1995, 79% avg. Cantaloupe 90% harvested, 86% 1995, 88% avg. Watermelons 83% harvested, 91% 1995, 86% avg. Lima beans 34% harvested, 46% 1995, 41% avg. Apples 7% fair, 88% good, 5% excellent; 35% harvested, 29% 1995, 26% avg. Peaches 95% harvested, 84% 1995, 89% avg. Alfalfa hay 83% 3rd cutting, 99% 1995, 96% avg.; 16% 4th cutting, 28% 1995, 16% avg. Other hay 73% third cutting, 80% 1995, 61% avg.; 9% 4th cutting, 0% 1995, 9% avg. Hay supplies 25% short, 75% adequate. Activities: Harvesting vegetables, hay, corn silage.

FLORIDA: Topsoil mostly short to adequate throughout State. Peanut harvest 5% complete. Tobacco marketing active. Corn for grain harvest activity increasing. Haying active. Cotton growers making preparations for harvest. Peanuts poor 18%, fair 12%, good 64%, excellent 6%. Nearly ideal conditions for laying of plastic, planting vegetables, most of week. Cucumbers, squash, watermelons, cherry tomato, plum tomato planting steady, west central, while pepper, snap bean planting getting underway. Peppers, plum tomatoes in good condition, southwest. East Coast began snap bean, squash planting; continuing pepper, eggplant planting. Dade County growers planting snap beans, okra. Tomato transplanting slowing, Palmetto-Ruskin area with some producers finished. Southwestern tomato planting increasing, condition of earlier plantings rated good. Tomato transplanting, east coast, active with growth of earlier plantings rated mostly good. Tomatoes around Quincy show excellent growth. Citrus groves, trees, new crop fruit very good to excellent condition. Moisture adequate. Abundant new growth on young trees. Fruit sizes average with a few early bloom groves showing larger. Packing houses testing for early

shipments. Caretakers cutting cover crops, spraying, herbiciding, fertilizing, pushing dead trees with a little resetting. Pasture feed fair 25%, good 75%. Scattered rain showers reported most areas, however, central, southeast pastures reported dry. Army worms damaging some pastures north. Condition of cattle herds: fair 15%, good 70%, excellent 15%.

GEORGIA: Days suitable for fieldwork 5.2. Soil moisture 3% very short, 22% short, 67% adequate, 8% surplus. Corn 95% mature, 100% 1995, 99% avg.; 54% harvested for grain, 72% 1995, 57% avg. Hay 1% very poor, 4% poor, 30% fair, 61% good, 4% excellent. Peanuts 3% dug, 12% 1995, 7% avg. Sorghum 20% harvested for grain, 21% 1995, 17% avg. Soybeans 97% blooming, 99% 1995, 99% avg. Tobacco 1% poor, 28% fair, 60% good, 11% excellent; 88% harvested, 98% 1995, 95% avg. Watermelons 98% harvested, 100% 1995, 99% avg. Apples 2% poor, 1% fair, 97% good; 20% harvested, 35% 1995, 34% avg. Pecans 1% very poor, 12% poor, 39% fair, 38% good, 10% excellent. Armyworms invading some hay fields. Some white mold showing up in peanuts. Activities: Routine work with livestock, pasture mowing for weed control, defoliating cotton, spraying for insects and disease, checking peanuts for maturity, planting fall vegetables.

HAWAII: Hot, humid most of week. Heavy showers slowed farmwork in northwest end of State. Vegetable crops fair progress with heat, heavy rains. Fruit, orchard crops, pastures benefited from weekend rain. Bananas in good condition, production moderate to heavy. Papaya production relatively light, losses to disease continue. Watermelon production down, relatively heavy, good condition. Tomato condition mostly good; production light. Head cabbage supplies moderate to heavy.

IDAHO: Days suitable for fieldwork 6.9. Topsoil 13% very short, 37% short, 50% adequate. Potatoes turning (vines senescing) 50%, 55% 1995, 72% avg.; vines dead/killed 11%, 21% 1995, 43% avg.; harvested 4%, 2% 1995, 5% avg.; 2% poor, 10% fair, 63% good, 25% excellent. Winter wheat harvested 96%, 82% 1995, 81% avg. Alfalfa hay harvested (2nd cutting) 92%, 86% 1995, 91% avg.; harvested (3rd cutting) 29%, 24% 1995, 28% avg. Oats harvested for grain 55%, 40% 1995, 64% avg. Dry peas harvested 79%, 61% 1995, 77% avg. Dry beans harvested 20%, 4% 1995, 14% avg. Lentils harvested 52%, 29% 1995, 65% avg. Mint harvested 87%, 81% 1995, 93% avg. Hops harvested 4%, 14% 1995, 33% avg. Sweet corn harvested 37%, 34% 1995, 48% avg. Onions harvested 23%, 6% 1995, 22% avg. Apples harvested 2%, 0% 1995, 4% avg. Peaches harvested 59%, 54% 1995, 73% avg. Prunes, plums harvested 43%, 30% 1995, 51% avg. Pasture feed, range 2% very poor, 20% poor, 33% fair, 41% good, 4% excellent. Irrigation water supply 6% fair, 56% good, 38% excellent. Activities: Spraying, inspecting potatoes for late blight, managing grain stubble, harvesting small grains, alfalfa hay, onions, lentils, peaches, dry beans, prunes, plums.

ILLINOIS: Days suitable for fieldwork 6.4. Topsoil 17% very short, 36% short, 46% adequate, 1% surplus. Scattered light rains last week provided some much needed moisture, however, more precipitation is needed in most areas. Warm weather, rain provided for good crop development in the northern, central districts. Continued warm weather is needed to promote crop progress in the northern districts. Limited corn harvest started in the southern districts. Preparations for harvest were underway in the rest of the State. Activities included spraying chemicals, cultivating, mowing and caring for livestock. Corn 3% mature, 5% 1995, 16% avg. Soybeans 98% blooming, 100% 1995, 100% avg. Soybeans 2% turning yellow, 5% 1995, 23% avg. Sorghum 92% headed, 83% 1995, 94% avg. Alfalfa 58% 3rd cutting, 63% 1995, 68% avg.

INDIANA: Days suitable for fieldwork 6.6. Topsoil 21% very short, 44% short, 34% adequate, 1% surplus. Subsoil 11% very short, 43% short, 44% adequate, 2% surplus. Corn in dent stage or beyond by region: 27% north, 28% central, 40% south. Hot, dry weather has placed crops, pastures under stress. Many areas received minimal rainfall during August. Drought like conditions in some counties. Pastures deteriorating rapidly. Mint harvest continues. Tobacco harvest 30% complete, 32% 1995, 35% avg. Blue mold, some tobacco fields. Activities: Preparing equipment for fall harvest, cleaning grain bins, baling hay, spraying for insects, mowing roadsides, care of livestock.

IOWA: Days suitable for fieldwork 5.8. Topsoil very short 3%, short 18%, adequate 76%, surplus 3%. Subsoil very short 2%, short 21%, adequate 74%, surplus 3%. Both corn, soybean crops responded well to last week's warm temperatures, by weeks end the condition for both crops were slightly improved over a week earlier. Corn in or past the milk stage 95%, 95%

1995, 93% avg. White mold being reported in the northwest, west central, central districts. The central district also commented that weeds beginning to put some pressure on soybean crop in a few areas. Soybeans leaves turning color 4%, 9% 1995, 14% avg. Alfalfa hay 3rd crop harvested 44%, 49% 1995, 50% avg. Clover hay 2nd crop harvested 85%, 90% 1995, 88% avg.; hay 1% very poor, 13% poor, 32% fair, 45% good, 9% excellent. Livestock in good condition. A few reports of fly problems, pneumonia in calves were received.

KANSAS: Days suitable for fieldwork 3.6. Topsoil 7% short, 83% adequate, 10% surplus. Subsoil 1% very short, 14% short, 79% adequate, 6% surplus. Insect pressure continues to be light to moderate. Most commonly reported insects are corn earworms in sorghum, grasshoppers. Little or no rain was received across the State the past week. Fall crops remain mostly in good to excellent condition, are ahead of normal maturity. Feed grain supplies are 23% short, hay 10% short. Alfalfa 3rd cut 98% complete, 99% 1995, 94% avg. Alfalfa 4th 35% complete, 25% 1995, 27% avg. Activities: Preparing for wheat seeding, baling hay, cutting silage.

KENTUCKY: Days suitable for fieldwork 5.5. Topsoil 12% very short, 34% short, 53% adequate, 1% surplus. Subsoil 9% very short, 31% short, 58% adequate, 2% surplus. Dry soil conditions in western areas deteriorated crop, pasture conditions some but crops remain in generally good condition. Hot, dry conditions generally arrested blue mold activity in burley tobacco while helping improve crop development and quality. Housed burley is curing well. Tobacco in the field 2% very poor, 10% poor, 31% fair, 47% good, 10% excellent. Burley 36% cut, 45% 1995, 47% avg. Dark tobacco 45% cut. Early planted corn is maturing and being harvested for sale after drying. Soybeans need rain for pod development. Second crop beans being stressed by dry soils. Pasture feed 4% very poor, 16% poor, 30% fair, 44% good, 6% excellent.

LOUISIANA: Days suitable for fieldwork 3.3. Soil moisture 11% short, 52% adequate, 37% surplus. Corn 100% mature, 100% 1995, 100% avg.; 80% harvested, 82% 1995, 75% avg.; harvest was delayed due to excessive soil moisture. Cotton 0% harvested, 0% 1995, 0% avg. Insect pressure increased in cotton with a few growers reporting problems with boll rot. Hay 82% 2nd cutting, 78% 1995, 63% avg. Hay producers were forced to suspend harvest activities due to rains. Rice 99% headed, 99% 1995, 97% avg.; 87% ripe, 87% 1995, 79% avg.; deteriorated slightly due to excessive moisture. Sorghum 88% ripe, 67% 1995, 72% avg.; 54% harvested, 31% 1995, 41% avg. Soybeans 37% turning color, 23% 1995, 17% avg.; farmers continued to spray for aerial blight. Sugarcane 2% very poor, 5% poor, 23% fair, 50% good, 20% excellent; 8% planted, 21% 1995, 27% avg.; planting continued to be delayed by wet conditions. Sweet potatoes 29% fair, 63% good, 8% excellent; 15% harvested, 8% 1995, 21% avg.; harvest continued with growers reporting smaller than usual potatoes. Livestock 4% poor, 25% fair, 65% good, 6% excellent. Cattlemen were concerned about low hay inventories. Vegetables 12% poor, 46% fair, 40% good, 2% excellent. Vegetable producers were planting turnips and mustard greens. Pasture feed 2% poor, 23% fair, 65% good, 10% excellent.

MARYLAND: Days suitable for fieldwork 6.3. Topsoil 3% very short, 13% short, 76% adequate, 8% surplus. Subsoil 1% very short, 8% short, 90% adequate, 1% surplus. Corn 1% poor, 14% fair, 49% good, 36% excellent; 78% dough, 85% 1995, 83% avg, 45% dent, 64% 1995, 60% avg.; 10% mature, 28% 1995, 21% avg. Soybeans 8% poor, 24% fair, 50% good, 18% excellent; 96% bloomed, 96% 1995, 95% avg.; 79% setting pods, 85% 1995, 80% avg. Tobacco 2% poor, 7% fair, 70% good, 21% excellent; 99% topped, 98% 1995, 89% avg.; 76% harvested, 79% 1995, 51% avg. Sorghum 2% very poor, 4% poor, 15% fair, 58% good, 21% excellent; 95% headed, 91% 1995, 97% avg.; 8% turning color, 33% 1995, 27% avg. Sweet corn 81% harvested, 84% 1995, 89% avg. Cantaloupe 92% harvested, 87% 1995, 92% avg. Tomatoes 80% harvested, 79% 1995, 83% avg. Watermelon 82% harvested, 85% 1995, 88% avg. Alfalfa hay 85% 3rd cutting, 94% 1995, 91% avg.; 22% 4th cutting, 35% 1995, 30% avg. Other hay 96% 2nd cutting, 99% 1995, 91% avg.; 37% 3rd cutting, 50% 1995, 40% avg. 6% 4th cutting, 6% 1995, 7% avg. Hay supplies 6% very short, 8% short, 82% adequate, 4% surplus. Apples 2% poor, 17% fair, 55% good, 26% excellent; 13% harvested, 12% 1995, 19% avg. Peaches 91% harvested, 79% 1995, 85% avg. Activities: Cutting hay, harvesting vegetables.

MICHIGAN: Topsoil 27% very short, 41% short, 31% adequate, 1% surplus. Subsoil 26% very short, 35% short, 37% adequate, 2% surplus. Drybeans setting pods 99%, 100% 1995, 92% avg.; leaves turning 35%, 74% 1995, 50% avg.; leaves shedding 8%, 28% 1995, 21% avg.; 9% very poor, 12% poor, 36% fair, 33% good, 10% excellent. All hay 2nd cutting 93%, 93% 1995, 91% avg.; 9% very poor, 24% poor, 33% fair, 30% good,

4% excellent. Potatoes harvested 28%, 49% 1995, 44% avg. Oats harvested 85%, 95% 1995, 87% avg. Pasture for feed condition 5% very poor, 32% poor, 29% fair, 21% good, 3% excellent.

MINNESOTA: Days suitable for fieldwork 5.5. Topsoil 17% very short, 30% short, 46% adequate, 7% surplus. Corn 96% milk, 98% 1995, 92% avg.; 47% dough, 87% 1995, 72% avg.; 13% denting, 50% 1995, 36% avg. Soybeans 98% setting pods, 98% 1995, 96% avg.; 8% turning yellow, 12% 1995, 18% avg.; 0% shedding leaves, 3% 1995, 4% avg. Spring wheat 55% harvested, 71% 1995, 60% avg. Oats 96% harvested, 88% 1995, 89% avg. Barley 60% harvested, 75% 1995, 76% avg. Rye 24% seeded, 17% 1995, 23% avg. Winter wheat 20% seeded, 14% 1995, 22% avg. Sweet corn 58% harvested, 52% 1995, 53% avg. Dry beans 8% harvested, 7% 1995, 14% avg. Potatoes 10% harvested, 8% 1995, 9% avg. Stubble plowed 32%, 17% 1995, 26% avg. Flax 0% harvested, 6% 1995, 10% avg. Pasture feed 9% very poor, 23% poor, 38% fair, 28% good, 2% excellent. Corn 2% very poor, 10% poor, 33% fair, 46% good, 9% excellent. Spring wheat 3% very poor, 6% poor, 38% fair, 45% good, 8% excellent. Dry beans 1% very poor, 4% poor, 25% fair, 55% good, 15% excellent. Soybeans 1% very poor, 8% poor, 35% fair, 50% good, 6% excellent. Sunflowers 9% very poor, 9% poor, 31% fair, 42% good, 9% excellent. Sugarbeets 4% poor, 28% fair, 58% good, 10% excellent.

MISSISSIPPI: Days suitable for fieldwork 4.5. Soil moisture 3% very short, 12% short, 64% adequate, 21% surplus. Corn 100% dent, 100% 1995, 97% avg.; 91% mature, 87% 1995, 80% avg.; 38% harvested, 41% 1995, 28% avg.; 91% silage harvested, 78% 1995, 76% avg.; 1% very poor, 5% poor, 25% fair, 56% good, 13% excellent. Soybeans 100% blooming, 100% 1995, 98% avg.; 97% setting pods, 95% 1995, 87% avg.; 44% turning color, 39% 1995, 23% avg.; 26% shedding leaves, 19% 1995, 8% avg.; 9% harvested, 0% 1995, 0% avg.; 1% very poor, 4% poor, 24% fair, 58% good, 13% excellent. Watermelons 99% harvested, 99% 1995, 99% avg.; peanuts 1% poor, 5% fair, 74% good, 20% excellent. Sweetpotatoes 24% harvested, 18% 1995, 25% avg.; 1% very poor, 1% poor, 1% fair, 96% good, 1% excellent. Cattle 1% very poor, 3% poor, 21% fair, 61% good, 14% excellent. Pasture feed 2% very poor, 7% poor, 24% fair, 59% good, 8% excellent. Main farming activities: Harvesting row crops, hay. Cotton needs some dry weather so farmers can begin defoliating the crop. Insect activity on cotton, soybeans is spotty in most areas of the state. Cattle producers are preparing soils to plant winter grazing.

MISSOURI: Days suitable for fieldwork 6.0. Topsoil 14% very short, 24% short, 60% adequate, 2% surplus. Mostly dry weather existed across State allowing corn harvest to commence across the northern two-thirds of the state, with good progress seen across the southern third. Generally speaking, the most favorable row-crop conditions are found across the western third of the state. Significant moisture shortages exist across the southern third of the state and east-central district, with all reporting around 60% or more short or very short. Thirty-two percent of the corn crop has reached maturity, 6% has been harvested. Corn crop is most advanced southwest, southeast, where about 85% has reached maturity, 25% has been harvested. Conversely, only 81% of the crop is doughing northeast, with 38% denting, 5% mature. Five percent of the soybean crop is beginning to turn color across the State, 9% of the sorghum crop has reached maturity. Botheel leads the State with 20% of the sorghum crop indicated as mature. Alfalfa 3rd cutting 81%, 80% 1995, 80% avg. Pasture feed, range condition 7% very poor, 17% poor, 34% fair, 36% good, 6% excellent.

MONTANA: Days suitable for fieldwork 7.0. Topsoil 60% very short, 32% short, 8% adequate. Subsoil 41% very short, 42% short, 17% adequate. Winter wheat 98% harvested, 73% 1995, 77% avg. Spring wheat 95% ripe, 72% 1995, 75% avg. Barley 93% ripe, 68% 1995, 78% avg. Oats 96% ripe, 81% 1995, 77% avg.; 77% harvested, 45% 1995, 49% avg. Corn for silage 9% harvested, 4% 1995, 8% avg. Dry beans 7% harvested, 9% 1995, 8% avg. Alfalfa hay 2nd cutting 82% complete, 66% 1995, 71% avg.

NEBRASKA: Days suitable for fieldwork 5.6. Topsoil 18% short, 78% adequate, 4% surplus. Subsoil 12% short, 84% adequate, 4% surplus. Above normal temperatures last week hastened crop development. Corn 89% dough stage, 76% 1995, 88% avg.; 35% dent, 30% 1995, 52% avg.; gray leaf spot reported in the south, east. Soybeans 97% setting pods, 95% 1995, 97% avg. Dry beans 77% turning color, 50% 1995; dropping leaves 22%, 5% 1995. Alfalfa 1% very poor, 8% poor, 31% fair, 48% good, 12% excellent; 70% 3rd cutting, 70% 1995, 70% avg. Pasture feed, range 6% poor, 26% fair, 54% good, 14% excellent; cattle and hogs continued to do well due to the mild, late summer temperatures. Activities: Millet harvest beginning, final irrigation, soil preparation for fall seeded wheat, livestock care.

NEVADA: Spring wheat, barley harvests nearly complete. Acreage remaining for harvest in mostly good condition. Oats harvest well along. Cutting of corn for silage underway north-central. Alfalfa second cutting complete. Alfalfa third cutting progressing North. Alfalfa fifth cutting underway Extreme South. Alfalfa seed combining underway in Pershing County. Grass hay harvest completed. Potatoes in good condition; digging began in Humboldt county. Onions in excellent condition. Lack of rain contributed to further seasonal decline of pasture and range condition. Northern Nevada range fires caused unscheduled movement of livestock. Main farm and ranch activities: haying, grain harvest, alfalfa seed harvest, irrigating, preparing fields for fall planting

NEW ENGLAND: Days suitable for fieldwork 6.3. Topsoil 3% very short, 21% short, 70% adequate, 6% surplus. Subsoil 4% very short, 15% short, 75% adequate, 6% surplus. Pasture feed 3% poor, 50% fair, 47% good. Maine potatoes 5% harvested, <5% 1995, <5% avg.; condition excellent/good. Massachusetts potatoes 45% harvested, 30% 1995, 30% avg.; condition good. Rhode Island potatoes 50% harvested, 25% 1995, 30% avg.; condition good. Maine oats 20%, 75% harvested 1995, 50% avg.; condition excellent. Maine barley 45%, 85% harvested 1995; condition excellent/good. Silage corn minimal harvest, 5% harvested 1995, <5% avg.; condition good/fair. Sweet corn 75% harvested, 75% 1995, 75% avg.; condition good. Shade tobacco 90% harvested, 95% 1995; condition good/excellent. Broadleaf tobacco 80% harvested, 90% 1995; condition good/excellent. First hay 99% harvested, 99% 1995, 100% avg.; condition good/fair. Second hay 70% harvested, 85% 1995, 75% avg.; condition good/excellent. Third cut hay 30% harvested, 30% 1995, 30% avg.; condition good/excellent. Apples 15% harvested, 25% 1995, 10% avg.; size average, condition good/excellent. Peaches 85% harvested, 90% 1995, size average, condition good. Pears 15% harvested, 40% harvested 1995, size average, condition good. Cranberries size average/above average, condition good/excellent. Highbush blueberries 95% harvested, 90% 1995, size average, condition good/excellent. Wild blueberries 99% harvested, 95% 1995, size above average, condition good/fair. Continued warm temperatures, dry conditions helped crops to mature. Farmers prepared for Tropical Storm Edouard by harvesting any crops possible. Major farm activities: Spraying fungicides and applying pesticides; harvesting hay, both summer and early fall vegetables such as sweet corn, lettuce, zucchini, cabbage, green beans, tomatoes, broccoli, squash. Storm did very little damage to region.

NEW JERSEY: Days suitable for fieldwork 7. Topsoil short to adequate. Main farming: Irrigating of crops, harvesting of vegetable crops, hay. Good supply of sweet corn, eggplant, peppers, squash (all types). Moderate volume of green beans, cabbage, cucumbers, tomatoes, beets. Herbs, lettuce, parsley, spinach are in light supply. Peach harvest is in full swing with a good volume, variety available at this time. Main varieties being harvested are Autumn glo, Rio-Oso-gem. Corn, soybeans continue to look good. Hay making is active. Pasture feed in good condition.

NEW MEXICO: Days suitable for fieldwork 5.6. Soil moisture 5% very short, 38% short, 49% adequate, 8% surplus. Very little change in crop conditions were reported this week, crops were progressing at a steady pace. Corn 3% poor, 9% fair, 63% good, 25% excellent; dough stage 96%, with 50% in dent stage. Cotton 2% poor, 9% fair, 59% good, 30% excellent; bolls opening 35%, 8% 1995, 22% avg. Sorghum 5% very poor, 30% poor, 31% fair, 30% good, 4% excellent; headed 65%, 56% 1995, 83% avg.; coloring 8%, 8% 1995, 23% avg. Alfalfa 1% very poor, 9% poor, 20% fair, 60% good, 10% excellent; 4th cutting 68% complete, 5th cutting 15% complete. Chile 9% fair, 59% good, 32% excellent; green chile harvest 45% complete. Lettuce planting was completed with condition at mostly good to excellent. Pecan 1% poor, 19% fair, 64% good, 16% excellent. Cattle 2% very poor, 9% poor, 37% fair, 47% good, 5% excellent; sheep 7% very poor, 11% poor, 33% fair, 47% good, 2% excellent. Range, pasture feed conditions continued to make slight improvements to 5% very poor, 24% poor, 33% fair, 32% good, 6% excellent.

NEW YORK: Days suitable for fieldwork 6.1. Soil moisture 27% short, 73% adequate. Pasture feed 39% fair, 61% good. Hay, corn fair to good condition. Alfalfa 2nd cutting 90% finished, 97% 1995, 87% avg. Third cutting 40% complete, 35% 1995, 38% avg. Oats 79% harvested, 84% 1995, 70% avg. Potato digging continued. Late planted dry beans in blossom. Vegetable harvest in full swing. Orange County onion digging continued. Growers anticipating a heavy cull due to earlier hail damage, wetness. Early apples being harvested. Quality good, weather for harvest excellent. Peach harvest winding down. Bartlett pear harvest to begin by month end.

NORTH CAROLINA: Days suitable for fieldwork 5.2. Soil moisture 7% short, 73% adequate, 20% surplus. Hay 2nd cutting 96, 79% 1995, 80% avg.; 3rd cutting 46%, 34% 1995, 39% avg. Corn silage harvested 60%, 54% 1995, 49% avg. Flue-cured tobacco harvested 68%, 76% 1995, 63% avg. Burley tobacco harvested 22%, 21% 1995, 21% avg. Apples harvested 12%, 18% 1995, 16% avg. Sorghum harvested 15%, 9% 1995, 10% avg. Crop condition: Tobacco 1% very poor, 4% poor, 27% fair, 56% good, 12% excellent; hay 1% poor, 32% fair, 59% good, 8% excellent; sweet potatoes 1% poor, 6% fair, 88% good; 5% excellent; apples 2% poor, 13% fair, 83% good, 2% excellent; truck crops 2% poor, 29% fair, 61% good, 8% excellent. Activities included: Spraying for insects and weed control; spraying fungicide on peanuts; harvesting and marketing flue-cured tobacco; harvesting burley tobacco; harvesting corn, sorghum, vegetables, apples, sweet potatoes; cutting and baling hay; maintaining pastures; tending livestock; general farm maintenance.

NORTH DAKOTA: Days suitable for fieldwork 7. Soil moisture supplies becoming increasingly short, threatening late season crops. Topsoil 20% very short, 28% short, 50% adequate, 2% surplus. Subsoil 14% very short, 30% short, 53% adequate, 3% surplus. Dry conditions favorable for small grain harvest which moved ahead of average, except durum. Durum 33% combined; 28% 1995; 38% avg. Late season crop development: Canola 21% combined; flaxseed 13% combined; 6% 1995; 13% avg.; corn for grain 42% denting and beyond; 61% 1995; 44% avg.; dry edible beans 58% mature/leaves dropping and beyond; 67% 1995; 50% avg.; soybeans 10% mature/leaves dropping and beyond; 19% 1995; 17% avg.; sunflowers 29% bracts turned yellow and beyond; 30% 1995, 26% avg.; potatoes 32% vines killed and beyond; 56% 1995; 46% avg. Moisture stress, grasshoppers caused crop, pasture conditions to decline, except flax, potatoes. Crop condition: durum 4% very poor, 14% poor, 34% fair, 45% good, 3% excellent; canola 5% poor, 21% fair, 61% good, 13% excellent; flaxseed 1% very poor, 2% poor, 21% fair, 64% good, 12% excellent; corn for grain 14% poor, 30% fair, 43% good, 13% excellent; corn for silage 1% very poor, 7% poor, 22% fair, 59% good, 11% excellent; dry edible beans 2% very poor, 6% poor, 30% fair, 55% good, 7% excellent; soybeans 24% poor, 30% fair, 42% good, 4% excellent; sunflower 2% poor, 18% fair, 57% good, 23% excellent; sugar beets 1% very poor, 6% poor, 15% fair, 64% good, 14% excellent; potatoes 1% very poor, 3% poor, 5% fair, 67% good, 24% excellent.

OHIO: Days suitable for fieldwork 6.8. Topsoil 22% very short, 47% short, 31% adequate. Alfalfa hay 3rd cutting 52%; 55% 1995; 64% normal. Other hay 3rd cutting 29%; 30% 1995; 34% normal. Harvest continues for Fresh market tomatoes, sweet corn, peppers but nearly finished. Processing tomato harvest continues with 18% completed; 40% 1995; 40% normal. Apple harvest progressed to 30%. Potatoes dug 31%; 35% 1995; 35% normal. Farmers are hauling lime and manure, spraying soybeans, preparing fields for fall seeding. Tobacco harvest just beginning. Livestock 1% very poor, 6% poor, 33% fair, 52% good, 8% excellent.

OKLAHOMA: Days suitable for fieldwork 3.2. Topsoil 1% very short, 7% short, 74% adequate, 18% surplus. Subsoil 5% very short, 8% short, 83% adequate, 4% surplus. Wheat 51% seedbed prepared, 66% 1995, 69% avg.; oats 55% seedbed prepared, 39% 1995, 42% avg. 0% planted, 2% 1995, 1% avg; Barley 49% seedbed prepared, 34%, 1995, 38% avg.; 0% planted, 2% 1995, 2% avg. Corn 26% mature, 51% 1995, 66% avg.; 8% harvested, 4% 1995, 15% avg. Sorghum 21% mature, 6% 1995, 8% avg.; 3% harvested, 0% 1995, 0% avg. Soybeans 91% setting pods, 70% 1995, 67% avg.; 24% mature, 15% 1995, 14% avg. 4% harvested, 2% 1995, 1% avg. Peanuts 21% mature, 1% 1995, 9% avg.; Alfalfa 1% very poor, 5% poor, 25% fair, 64% good, 5% excellent; 41% 4th cutting, 54% 1995, 58% avg.; 1% 5th cutting, 5% 1995, 4% avg; Livestock 3% poor, 15% fair, 72% good, 10% excellent. Feeder steers and heifers were steady.

OREGON: Days suitable for fieldwork 6.6. Topsoil 37% very short, 42% short, 21% adequate. Subsoil 37% very short, 36% short, 27% adequate. Barley 66% harvested, 65% 1995, 75% avg. Winter wheat 96% harvested, 96% 1995, 96% avg. Activities: Small spring grain harvest underway higher elevated eastern locations and Klamath Basin. Eastern fall small grain fieldwork underway. Willamette Valley: Small grains & most grass seed crops harvested, red clover fields maturing, hops harvest underway, mint harvest winding down, corn silage harvest underway, fall small grain field preparation underway. Nurseries continued irrigation, dry hot conditions prevailed. New Christmas tree seedlings need moisture, many fields need fill plantings. Eastern potato, storage onion harvest underway. Central mint, garlic harvest full swing. Willamette Valley: Sweet corn, table beet, tomatoes, cucumbers, snap bean harvest continued. Bartlett pear harvest continued, Rogue River, Hood River Valleys. Peach harvest continued, Rogue River Valley. Hood River Valley early apple harvest underway.

Willamette Valley: blueberry, blackberry, raspberry harvests winding down, peaches, nectarines harvested, Gravenstein, Gala & Jonagold apple harvest underway, hazelnuts, walnuts beginning to drop. Cranberry crop developed color, sprinkling for heat control, southern coast. Hot dry conditions, lightning strikes causing many problems, eastern sections. Some cattle lost, Malheur county range fires. Yearlings movement to feedlots continued. Sheep breeding underway, lamb turned out underway, southern sections. Western pasture feed very dry, supplemental feed required.

PENNSYLVANIA: Days suitable for fieldwork 5.9. Soil moisture 15% short, 81% adequate, 4% surplus. Very little rain. One of the better hay making weeks of the season. Oat harvest made rapid progress and was close to complete. Many farmers cutting oats for hay, silage. Very good expectations for corn crop. Some concern that early frost could hurt development. Continued heavy disease pressure on fruits, vegetables. Ensilage corn harvest 6% complete, 13% 1995, 9% avg. Soybeans 2% poor, 11% fair, 57% good, 30% excellent. Wheat planted 6% complete, 1% in 1995, 5% avg. Oats harvest 94% complete, 95% 1995, 94% avg. Barley planted 9% complete, 1% 1995, 7% avg. Tobacco harvest 65% complete, 64% 1995, 43% avg. Potato harvest 35% complete, 23% 1995, 31% avg. Alfalfa 2nd cutting 95% complete, 90% 1995, 94% avg.; 3rd cutting 60% complete, 54% 1995, 58% avg.; 4th cutting 18% complete, 14% 1995, 19% avg. Timothy clover 2nd cutting 75% complete, 71% 1995, 79% avg. Quality of hay made 1% very poor, 7% poor, 31% fair, 45% good, 16% excellent. Apple harvest 28% complete, 15% 1995, 22% avg. Peach harvest 67% complete, 82% 1995, 77% avg. Grape harvest 22% complete, 16% 1995, 18% avg. Fall plowing 22% complete, 17% 1995, 25% avg. Activities: Making hay and haylage; harvesting oats; harvesting potatoes, fruits and vegetables; seeding barley, wheat and alfalfa; fixing fences; hauling manure; caring for livestock.

SOUTH CAROLINA: Days suitable for fieldwork 5.4. Soil moisture 5% short, 81% adequate, 14% surplus. Corn 45% harvested, 46% 1995, 43% avg.; 5% very poor, 9% poor, 42% fair, 37% good, 7% excellent. Hay 1% very poor, 4% poor, 32% fair, 56% good, 7% excellent. Sorghum 30% harvested, 18% 1995, 24% avg.; 1% very poor, 6% poor, 71% fair, 19% good, 3% excellent. Sweet potatoes 9% harvested, 5% 1995, 12% avg.; 10% poor, 36% fair, 53% good, 1% excellent. Tobacco 83% harvested, 85% 1995, 80% avg.; 38% stalks destroyed, 30% 1995, 25% avg.; 1% very poor, 4% poor, 27% fair, 55% good, 13% excellent. Peach harvest 98% complete, 98% 1995, 96% avg.; 32% very poor, 42% poor, 26% fair. Apples 28% harvested, 22% 1995, 26% avg.; 50% very poor, 20% poor, 20% fair, 10% good.

SOUTH DAKOTA: Days suitable for fieldwork 6.3. Topsoil 26% very short, 45% short, 29% adequate. Subsoil 11% very short, 36% short, 52% adequate, 1% surplus. Row crop conditions continued to decline with continued dry weather. Only isolated pockets of the State received rain during the week. Small grain harvest nearly finished up, winter wheat seeding begun, most producers are waiting for more moisture before planting. Corn 2% mature, 2% 1995, 7% avg. Flax 64% harvested, 32% 1995, 45% avg.; 8% fair, 80% good, 12% excellent. Sorghum 8% mature, 1% 1995, 7% avg. Soybeans 2% mature, 0% 1995, 5% avg. Sunflowers 71% flowers dry, 59% 1995, 61% avg.; 44% bracts yellow, 25% 1995, 36% avg.; 0% mature, 1% 1995, 3% avg. Sunflowers 6% poor, 29% fair, 48% good, 17% excellent. Winter rye 2% planted, 2% 1995, 4% avg. Alfalfa 2nd cutting 97% harvested, 90% 1995, 86% avg. Other hay 94% harvested, 90% 1995, 86% avg. Livestock 1% poor, 11% fair, 67% good, 21% excellent. Stockwater supplies 11% short, 84% adequate, 5% surplus.

TENNESSEE: Days suitable for fieldwork 5.5. Topsoil 7% very short, 27% short, 60% adequate, 6% surplus. Subsoil 5% very short, 20% short, 68% adequate, 7% surplus. Corn 2% poor, 14% fair, 57% good, 27% excellent; 95% dent, 96% 1995, 86% avg.; 56% mature, 62% 1995, 41% avg.; 7% grain harvested, 14% 1995, 6% avg.; 55% silage harvested, 78% 1995, 45% avg. Tobacco 6% poor, 21% fair, 64% good, 9% excellent; 91% topped, 88% 1995, 93% avg.; 46% burley harvested, 48% 1995, 47% avg.; 59% air-cured harvested, 68% 1995, 50% avg.; 58% dark fire-cured harvested, 57% 1995, 50% avg. Sorghum 1% poor, 14% fair, 71% good, 14% excellent; 58% turning color, 84% 1995, 77% avg.; 35% mature, 47% 1995, 30% avg.; 3% harvested, 7% 1995, 4% avg. Pasture feed 1% very poor, 4% poor, 25% fair, 63% good, 7% excellent. Other hay 4% poor, 30% fair, 59% good, 7% excellent.

TEXAS: Rainfall occurred all areas of State for first time many months. Fieldwork slowed during week, however most producers not complaining.

thankful for moisture. Rainfall associated with remnant Hurricane Dolly. Many areas received very heavy amounts which caused good runoff, gave relief to drying stock tanks. Cotton insect pressures increasing in Plains. Spraying activity also increasing before rains arrived. Pasture growth increasing rapidly from rainfall. Cooler temperatures accompanied rain across State. These cooler conditions may slow crop maturing in Plains. Livestock conditions should improve as forage availability increases.

Crops: Small grains land preparations, seedings slowed during week. The added moisture great benefit for seeding activity. Wheat planted 5%, 5% 1995, 6% avg. Corn harvest slowed Plains during week. Cooler temperatures slowed maturing fields. Final harvest activity along Upper Coast also slowed. 68% mature, 66% 1995, 62% avg. 57% harvested, 56% 1995, 54% avg. Grain sorghum fields in Plains, north central areas turning color, maturing before cooler temperatures slowed progress. Many dryland fields may still benefit from recent rainfall. Harvest operations other areas also slowed. 60% mature, 73% 1995, 70% avg. Cotton bollworm populations, spraying increasing before rains halted activity last week. Cooler weather also slowed maturing. Heavy rainfall along Upper Coast, Coastal Bend will cause some loss of quality. Warmer, open conditions now needed for crop in Plains, North Central advance quickly. Harvest delayed South Central areas. 26% open bolls, 26% 1995, 26% avg. 13% harvested, 16% 1995, 16% avg. Rice: Final harvest operations delayed along Upper Coast. Heavy rainfall could cause damage remaining fields, however rainfall will benefit second crop. Peanuts: An excellent crop still expected in Plains, however insect, disease problems beginning increase. Harvest should begin soon. Weeds also becoming problem some fields. Fields South Central areas should improve with rainfall. Soybeans: Harvest delayed North Central areas, along Upper Coast. The rainfall should help fields in Plains. Other crops: Sunflowers harvested 2% 5% 1995, 3% avg.

Commercial Vegetables: Rio Grande Valley, rainfall provided much needed benefit for land preparations. However, much more needed to replenish irrigation water. San Antonio- Winter Garden, rainfall provided much benefit this area also. East, few melons remained. Sweet potato harvest slowed by rain. High Plains, harvest activity limited. Trans-Pecos, a few cantaloups remained for harvest. Chili fields get some benefit from last week's rain. Pecans: Rainfall could provide some benefit, nuts entering shell hardening stage many southern, central areas. Weevil populations increasing as was spraying. Many areas still expecting very short crop.

Range and Livestock: Forage growth should improve greatly all areas with widespread rainfall. Haying operations could once increase once again. Heavy rainfall some areas provided good runoff water to help fill tanks. Hornflies also increasing with rain. Livestock conditions should improve all areas.

UTAH: Days suitable for fieldwork 6.9. Topsoil 18% very short, 46% short, 35% adequate, 1% surplus. Subsoil 18% very short, 48% short, 34% adequate. Irrigation water supply 16% very short, 28% short, 56% adequate. Stock water supply 15% very short, 37% short, 48% adequate. Spring wheat harvested 91%, 90% 1995, 93% avg. Barley harvested 96%, 90% 1995, 91% avg. Oats harvested for grain 67%, 66% 1995, 66% avg. Corn in dough stage 45%, 7% 1995. Corn in dent stage 15%. Onions harvested 18%, 11% 1995, 16% avg. Alfalfa hay 3rd cutting 53%, 32% 1995, 40% avg. Alfalfa seed harvested 4%, 1% 1995, 21% avg. Peaches picked 59%, 45% 1995, 58% avg. Apples picked 15%, 13% 1995, 10% avg. Pears picked 25%, 12% 1995. Range, pasture feed 10% very poor, 31% poor, 40% fair, 18% good, 1% excellent. Cattle moved from summer range 8%, 2% 1995, 9% avg. Sheep moved from summer range 2%, 2% 1995, 7% avg. Major farm, ranch activities: Irrigating crops; harvesting grains, alfalfa, onions; peach, pear, apple harvest is underway.

VIRGINIA: Days suitable for fieldwork 5.2. Topsoil 9% short, 73% adequate, 18% surplus. Subsoil 9% short, 73% adequate, 18% surplus. Corn 80% dough, 1995 86%, 90% avg.; 55% dent, 1995 64%, 64% avg.; 33% mature, 1995 44%, 45% avg.; 2% corn for grain harvested, 1995 10%, 7% avg.; 20% corn silage harvested, 1995 29%, 26% avg.; 6% fair, 53% good, 41% excellent. Soybeans 86% bloomed, 1995 97%, 92% avg.; 65% setting pods, 1995 77%, 75% avg.; 8% poor, 16% fair, 51% good, 25% excellent. Cotton 12% fair, 71% good, 17% excellent. Peanuts 25% fair, 61% good, 14% excellent. Alfalfa 1% poor, 6% fair, 65% good, 28% excellent. Other hay 1% poor, 18% fair, 58% good, 23% excellent. Fire cured tobacco 60% harvested, 69% 1995, 55% avg.; 5% fair, 75% good, 20% excellent. Flue cured tobacco 45% harvested, 58% 1995, 48% avg.; 3% fair, 62% good, 35% excellent. Burley tobacco 25% harvested, 21% 1995, 18% avg.; 15% very poor, 20% poor, 21% fair, 30% good, 14% excellent. Sun cured tobacco 50% harvested, 51% 1995, 47% avg.; 5% fair, 65% good, 30% excellent. Pasture feed 2% poor, 18% fair, 59% good, 21% excellent. Apples 70% harvested, 87% 1995, 62% avg.; 4% very poor, 8% poor, 13% fair, 55% good, 20% excellent. Peaches 90% harvested, 93% 1995, 96% avg. Activities: Relatively cool weather slowing crop progress due to lack of heat units. Growers scouting crops for fungus,

insect problems. Spraying when necessary. Corn silage being harvested. Adequate moisture resulting in excellent fall hay crop. Tobacco farmers harvesting excellent crop except for blue mold in burley in southwest areas. Flue tobacco markets remain active. Peach harvest concluding stages, apple harvest continues.

WASHINGTON: Days suitable for fieldwork 6.9. Topsoil 16% very short, 38% short, 45% adequate, 1% surplus. Subsoil 12% very short, 43% short, 45% adequate. Winter wheat, dryland 7% fair, 57% good, 36% excellent. Irrigated 82% good, 18% excellent. Barley, dryland 7% poor, 17% fair, 53% good, 23% excellent; irrigated 98% good, 2% excellent. Spring wheat, dryland 6% poor, 27% fair, 52% good, 15% excellent irrigated 89% good, 1% excellent. Winter wheat 92% harvested, 88% 1995, 92% avg. Spring wheat 82% harvested, 81% 1995, 81% avg. Barley 86% harvested, 76% 1995, 80% avg. Potatoes 22% harvested, 18% 1995, 19% avg.; 1% poor, 4% fair, 95% good. Hay, other roughage supplies, 7% short, 90% adequate, 3% surplus. Range, pasture feed 7% poor, 40% fair, 41% good, 12% excellent. Alfalfa 3rd cutting 77%, 84% 1995, 71% avg. East of Cascades fruit harvest was in full swing. Bartlett pears, Gala apples where being picked. Some reds were being harvested in the Mattawa area. Lima beans, onion harvests were underway. West of the Cascades blueberry, blackberry harvests continued. Early apples were ripening, some were ready for harvest. Green beans, sweet corn, lettuce, cucumbers were being harvested. Flower bulb digging was in full swing.

WEST VIRGINIA: Days suitable for fieldwork 5.8 Topsoil 16% short, 82% adequate, 2% surplus. Topsoil conditions declined. Several areas of the State were in need of rain. Hay 2% poor, 21% fair, 71% good, 6% excellent; 2nd cutting 74%, 83% 1995, 73% avg.; 3rd cutting 24%, 39% 1995, 54% avg. Hay harvest made good progress this past week. A lot of hay has been made this summer, quality has been poor due to excessive rain. Corn 1% poor, 11% fair, 77% good, 11% excellent; 76% dough stage, 78% 1995, 79% avg.; 49% dent stage, 43% 1995; 5% mature stage, 2% 1995. Oats 95% harvested, 86% 1995, 97% avg. Soybeans 2% poor, 27% fair, 71% good; 90% setting pods, 91% 1995, 9% dropping leaves, 7% 1995. Tobacco 6% very poor, 3% poor, 59% fair, 31% good, 1% excellent; 95% topped, 99% 1995, 96% avg.; 15% harvested, 42% 1995, 40% avg. Overall tobacco continued to decline. Blue mold continues to show up in more fields, some farmers cutting tobacco to get ahead of problem. Harvesting was behind due to late transplanting, excessive moisture during the growing season. Cattle 1% poor, 14% fair, 79% good, 6% excellent. Some cattle were treated for pink eye. Sheep 1% poor, 7% fair, 87% good, 5% excellent. Apples 93% fair, 7% good. Producers were busy harvesting apples.

WISCONSIN: Days suitable for fieldwork 6.5. Soil moisture 11% very short, 42% short, 46% adequate, 1% surplus. Some areas received rain, soil moisture conditions changed little from the previous week. Northern districts had improved soil moisture. Many farmers were busy harvesting oats and third crop hay during last week's sunny weather when 6.5 days were suitable for fieldwork. Third crop hay harvest pushed ahead with 47% of the acreage cut, 9 points ahead of 1995, 8 points ahead of avg. cut. Reporters noted that 3rd crop hay had excellent quality, yields were lower than average due to the shorter height. Oats harvest was 96% complete, 89% avg. Northern areas of the State received beneficial rainfall last week. Soil moisture in the north improved, southern two thirds of the State had drier soils than last week. Soil moisture levels rated 11% very short, 42% short, 46% adequate, 1% surplus. Field crops still need quite a bit of warm weather to mature. Corn still needs three to four weeks before frost in most areas of the State. Corn was 58% in the dough stage, 12% in the dent stage, compared to the 5-year averages of 68%, 32%, respectively. Corn on higher ground looked the best. Reporters noted that ear filling varied from well-filled, to some ears with unpolinated tips. Corn 3% very poor, 11% poor, 29% fair, 47% good, 10% excellent. Soybean acreage had 75% setting pods and 5% with leaves turning color. Soybeans 3% very poor, 8% poor, 30% fair, 46% good, and 13% excellent. Although soybeans had a good pod set, reporters were concerned that beans on lighter soils need moisture. Some tobacco has been harvested in the south central district. Quality of pastures has decreased with drier weather. Pasture feed 5% very poor, 22% poor, 36% fair, 35% good, 2% excellent.

WYOMING: Days suitable for fieldwork 6.5. Topsoil 11% very short, 74% short, 15% adequate or surplus. Irrigation water supplies 80% adequate or surplus. Crops good condition. Barley 98% mature, 95% 1995, 95% avg.; 83% harvested, 79% 1995, 78% avg. Oats 97% mature, 87% 1995, 92% avg.; 57% harvested, 58% 1995, 61% avg. Spring wheat 100% mature, 93% 1995, 94% avg.; 81% harvested, 45% 1995, 64% avg. Dry beans 51% windrowed, 22% 1995, 20% avg.; 16% combined, 9% 1995, 7% avg.

August 1996

MONTHLY DATA FROM SELECTED FOREIGN CITIES
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA

*** = DATA NOT AVAILABLE

International Weather and Crop Summary

August 25 - 31, 1996

HIGHLIGHTS

FSU-WESTERN: Continued dry weather in northern Russia, Belarus, and the Baltics helped spring grain harvesting and planting of 1997 winter grain crops.

FSU-NEW LANDS: Cold, damp weather slowed spring grain maturation and harvest.

EUROPE: Soaking rain in northern and central areas delayed harvesting but helped replenish soil moisture.

AUSTRALIA: Soaking rain benefited eastern winter grains, with warmer weather aiding recovery from last week's freeze.

CANADA: Warm, dry weather hastened crop development but resulted in some additional moisture stress on immature crops.

SOUTH ASIA: Widespread, locally excessive showers covered most grain, oilseed, and cotton areas, although warmer, drier weather developed over the northwest.

SOUTHEAST ASIA: Showers benefited grains and sugarcane in eastern Thailand, as drier weather prevailed across the Philippines.

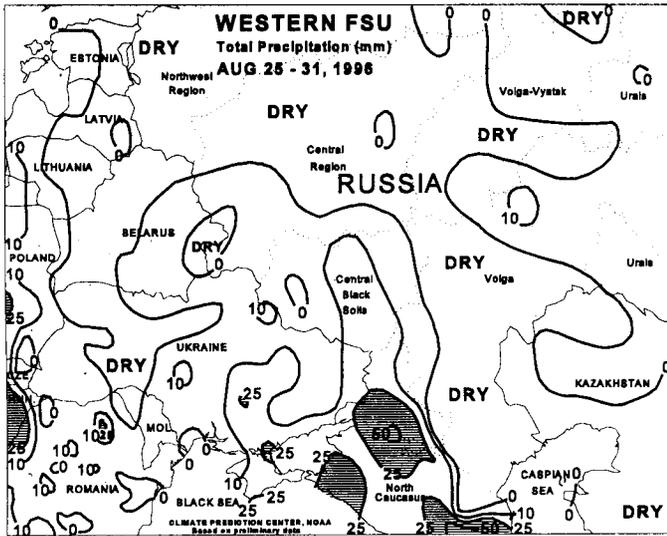
EASTERN ASIA: Dry weather favored spring wheat harvesting in Manchuria, while showers maintained rice irrigation supplies across southern China. Rain slowed early rice harvesting in South Korea and Japan.

SOUTH AMERICA: In Argentina, cool, dry weather stressed winter wheat.

MEXICO: Widespread showers brought significant drought relief to northwestern and north-central Mexico.

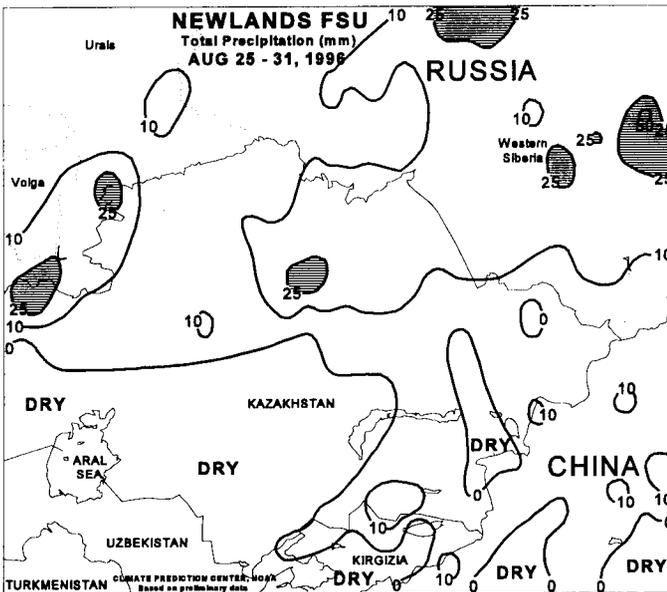
COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
		AVG	AVG	HI	LO	DPART	TOTAL	DPART	
		MAX	MIN	MAX	MIN	AVG	F/NRM	F/NRM	
NORWAY	OSLO	23	12	27	8	17	3.2	62	-28
SWEDEN	STOCKHOLM	25	14	30	10	19	3.2	11	-54
FINLAND	HELSINKI	23	11	26	8	17	2.3	9	-71
U KING	GLASGOW	20	11	24	8	16	0.4	42	-49
	EDINBURGH	21	11	27	7	16	1.4	68	2
	BIRMINGHAM	22	12	31	5	17	1.1	54	-14
	LONDON	22	12	29	7	17	0.4	86	30
IRELAND	DUBLIN	18	11	23	6	15	-0.5	100	29
ICELND	REYKJAVIK	13	8	17	2	11	0.3	74	12
DENMRK	COPENHAGEN	23	14	27	7	19	1.3	35	-32
LUXEMB	LUXEMBOURG	22	13	29	9	18	0.9	90	19
SWITZL	ZURICH	21	14	29	9	17	0.5	114	-22
	GENEVA	24	13	31	8	19	0.5	91	11
FRANCE	PARIS/ORLY	24	14	30	10	19	***	75	**
	STRASBOURG	25	14	31	10	19	0.8	35	-33
	BOURGES	24	13	31	8	19	0.1	50	-10
	BORDEAUX	25	15	33	10	20	0.6	137	83
	TOULOUSE	26	16	32	12	21	0.2	53	5
	MARSEILLE	28	18	32	13	23	0.1	84	56
SPAIN	VALLADOLID	28	14	35	8	21	-0.2	9	-2
	MADRID	31	15	36	11	23	-0.6	17	7
	SEVILLE	33	19	38	16	26	-1.9	1	-3
PORTUG	LISEON	27	17	31	16	22	-0.3	1	-6
GERMNY	HAMBURG	24	14	31	7	19	2.1	63	-7
	BERLIN	24	15	28	11	19	0.9	39	-22
	DUSSELDORF	23	14	29	8	18	0.1	141	63
	LEIPZIG	24	14	30	10	19	1.1	34	-26
	DRESDEN	23	14	28	11	18	0.3	96	24
	STUTTGART	22	13	30	8	18	0.9	62	-37
	NURNBERG	22	12	28	7	17	-0.2	57	-8
AUSTRI	VIENNA	24	15	31	10	19	0.0	110	48
	INNSBRUCK	22	13	30	9	17	0.2	167	48
CZECH	PRAGUE	22	11	27	7	17	-0.3	61	-8
POLAND	WARSAW	24	14	29	10	19	1.3	64	4
	LODZ	24	13	29	10	19	2.0	37	-30
	KATOWICE	23	13	29	10	18	1.2	113	22
	PRZEMYSL	23	13	30	8	18	0.4	90	13
HUNGAR	BUDAPEST	26	16	32	9	21	0.9	33	-19
F YUGO	BELGRADE	27	18	34	14	22	0.8	55	1
ROMANI	BUCHAREST	29	15	35	8	22	-0.3	42	-11
BULGAR	SOFIA	27	15	33	12	21	2.9	71	33
ITALY	MILAN	29	18	33	14	23	1.4	124	32
	VERONA	27	17	31	13	22	-0.8	117	25
	VENICE	27	18	30	15	22	-0.1	97	15
	GENOA	27	21	31	19	24	0.1	104	50
	ROME	29	17	31	16	23	-0.7	69	38
	NAPLES	31	21	34	17	26	2.0	78	33
GREECE	THESSALONIKA	31	20	35	17	26	-0.1	13	-8
	LARISSA	32	19	36	15	25	-0.6	34	18
	ATHENS	33	23	38	20	28	0.6	22	18
TURKEY	ISTANBUL	29	21	33	18	25	1.2	26	5
	ANKARA	29	14	34	9	22	-1.9	15	-22
CYPRUS	LARNACA	32	22	37	19	27	-0.1	0	-1
ESTONI	TALLINN	23	12	26	7	18	2.2	25	-52
FSU	ST. PETERSBURG	23	13	26	2	18	2.1	34	-44
LITHUA	KALNAS	25	13	30	7	19	2.6	17	-48
FSU	MINSK	23	13	29	9	18	1.6	2	-71
	KAZAN	22	11	30	3	17	-0.3	11	-58
	MOSCOW	23	11	28	7	17	0.9	22	-52
	YEKATERINBURG	18	10	28	4	14	-1.5	25	-40
	OMSK	18	9	28	1	14	-2.5	52	-2
	KUSTANAY	23	11	32	1	17	-1.4	22	-11
	NOVOSIBIRSK	18	9	26	0	14	-2.4	69	16
	BARNAUL	21	10	30	2	16	-0.9	41	-10
	KHABAROVSK	25	14	29	10	19	-0.1	101	-47
	VLADIVOSTOK	22	17	29	12	20	0.2	219	62
	KIEV	24	15	30	9	20	0.9	46	-25
	LVOV	23	13	28	10	18	1.0	54	-21
	KIROVOGRAD	26	15	34	10	21	0.4	67	23
	ODESSA	25	19	34	14	22	0.7	19	-15

Based on Preliminary Reports



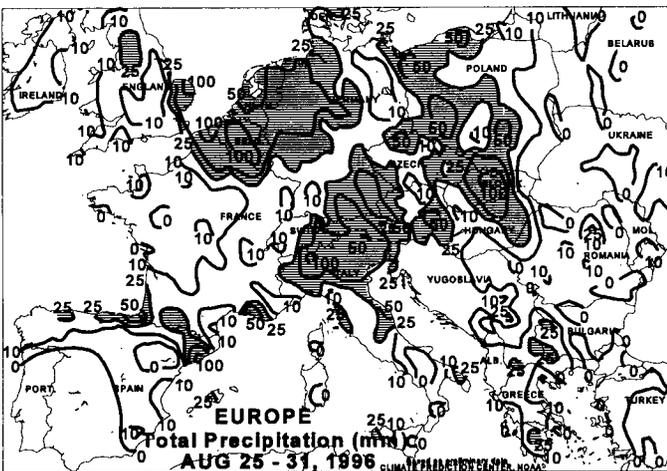
FSU-WESTERN

Continued unseasonably warm, dry weather prevailed from the Baltics and Belarus eastward through northern Russia. The fair weather helped spring grain harvesting and planting of 1997 winter grain crops, which was well underway in these areas. However, the dryness has persisted since early August, and rain is needed to provide topsoil moisture for winter grain emergence and early establishment. Farther south, light to moderate showers over the eastern Ukraine and the North Caucasus region in Russia benefited immature summer crops and increased topsoil moisture for upcoming winter wheat planting. Elsewhere, chronic dryness continued over the middle and lower Volga Valley in Russia, hastening maturity in summer crops.



FSU-NEW LANDS

Widespread light to moderate showers (7-32 mm) and unseasonably cold weather prevailed over spring grain areas in Russia and Kazakhstan, slowing crop maturation and harvesting. In Russia, reports as of August 26 indicated the harvest of spring grains and pulses, excluding corn, was about 60 percent completed. Harvest activities in Russia progressed into areas east of the Ural mountains. The first widespread freeze of the season occurred from the Urals and adjacent areas in Western Siberia and southward into northern Kazakhstan, ending the 1996 growing season. Although minimum temperature in these areas dropped to as low as -3 degrees C, spring grains were likely far enough along in development so that no significant loss in yield potential occurred. However, continued cold, damp weather, especially in West and East Siberia, has likely slowed crop maturation, and warmer, drier weather is needed to prevent harvest delays. Weekly temperatures averaged 3 to 6 degrees C below normal over Russia and Kazakhstan.

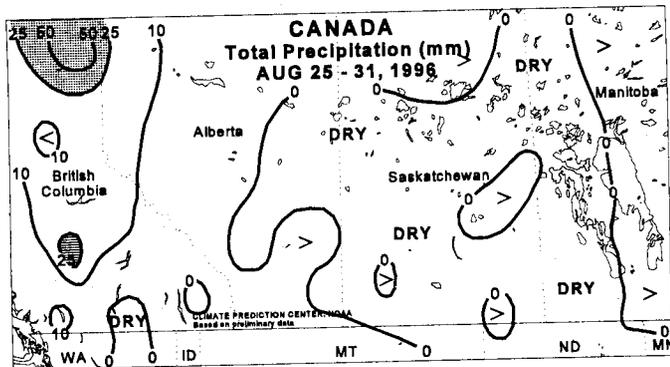


EUROPE

Soaking rains fell over northern and central Europe, delaying wheat and rye harvesting and raising quality concerns due to wetness. Rainfall amounts generally ranged from 10 to 50 mm. However, heavy rain (50 to locally more than 75 mm) covered Belgium, northwestern Germany, parts of western Poland, Slovakia, and northern Italy. Although the precipitation over northern Europe caused harvest delays, it helped raise soil moisture levels that were lowered by summer dryness. Farther south, dry weather favored sunflower harvesting in Spain, while showers (10-29 mm) slowed harvesting in southern France. In southeastern Europe, dry weather returned to crop areas in Romania and Bulgaria, while light showers (10-25 mm) continued over eastern former Yugoslavia. Weekly temperatures averaged 1 to 3 degrees C below normal in western Europe and 1 to 3 degrees C above normal in the east.

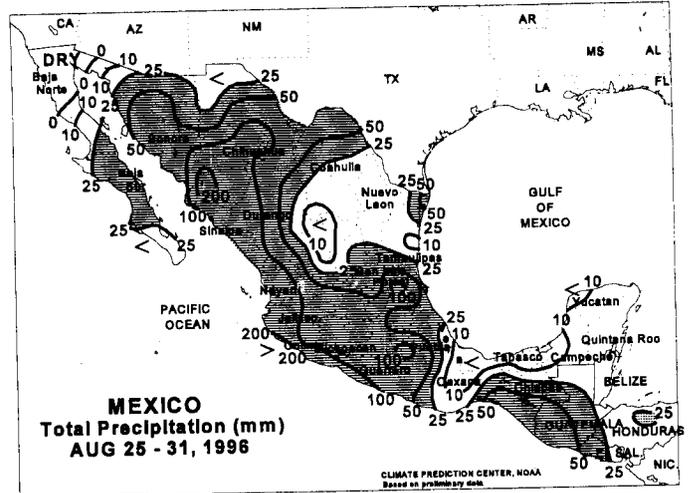
CANADA

Warm, dry weather dominated the Prairies, greatly aiding late crop development. In fact, temperatures averaged 3-7 degrees C above normal, fostering exceptional conditions for crop dry down, but resulting in additional stress on late-planted, immature crops. The first autumn freeze typically occurs by September 10 in most crop areas of Alberta and Saskatchewan and by September 20 over most of Manitoba. Farther east, drier, warmer conditions continued over most of Ontario's summer crop region, hastening corn and soybean growth but reducing topsoil moisture. Winter wheat planting is usually underway by late-September, but could be delayed by protracted corn and soybean harvests.



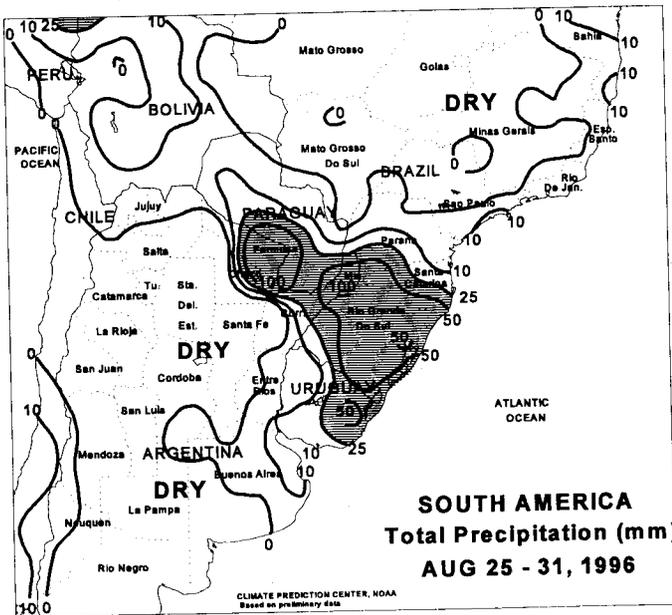
MEXICO

Widespread showers (25-75 mm, with isolated amounts greater than 125 mm) covered northwestern and north-central Mexico (Sonora, Sinaloa, Chihuahua, Durango, and northern Coahuila), bringing significant drought relief to the region. The moisture helped to increase reservoir levels and topsoil moisture for pastures. Lighter rain (10-25 mm, with isolated amounts greater than 50 mm) continued to bring some relief to the northeast, after Hurricane Dolly produced beneficial rain the previous week. Seasonal showers (30-70 mm) covered the Southern Plateau corn belt, aiding filling corn. Temperatures averaged 1 to 2 degrees C above normal across the main corn belt and 1 to 2 degrees C below normal across the north.



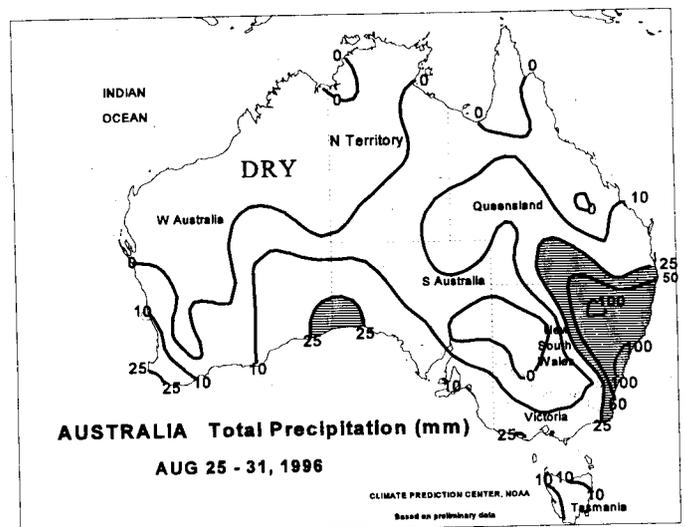
SOUTH AMERICA

In central Argentina, dry, cool weather (minimum temperatures 0 to -3 degrees C) stressed winter wheat, especially in southern Santa Fe and Cordoba. In this region, winter wheat should be approaching reproduction and is vulnerable to frost and freezing temperatures. Farther south in southern Buenos Aires province, vegetative winter wheat was only burned back. In southern Brazil, widespread rain (40-70 mm) covered eastern Rio Grande do Sul, aiding reproductive to filling wheat. Mostly dry weather (less than 5 mm of rain) prevailed farther north in Mato Grosso do Sul and northern Parana. Temperatures averaged 2-4 degrees C above normal in southern Brazil and near normal in central Argentina.



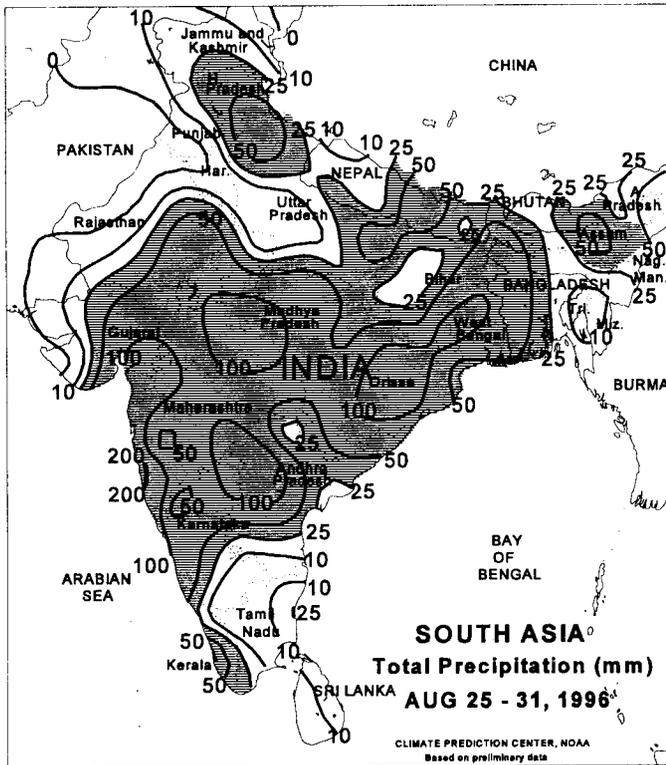
AUSTRALIA

Widespread, locally heavy showers (10-50 mm or more) fell throughout east-central Australia, increasing moisture reserves for winter grain development. Heaviest rain (50-150 mm) was concentrated in central New South Wales from just west of the Dividing Range to the coast. Temperatures averaged near to above normal throughout the east, helping crops in the northeast recover from last week's freeze. However, patchy frost continued in more southerly crop areas. Winter grains, especially barley, are in or nearing reproduction in the northeast. Elsewhere, moderate rain (10-20 mm) continued in the southeast but showers were light (10 mm or less) in the west, with seasonably mild temperatures dominating. In New Zealand, rainfall was mostly light (10 mm or less) in the main pasture areas, with a few local heavier amounts (25-43 mm).



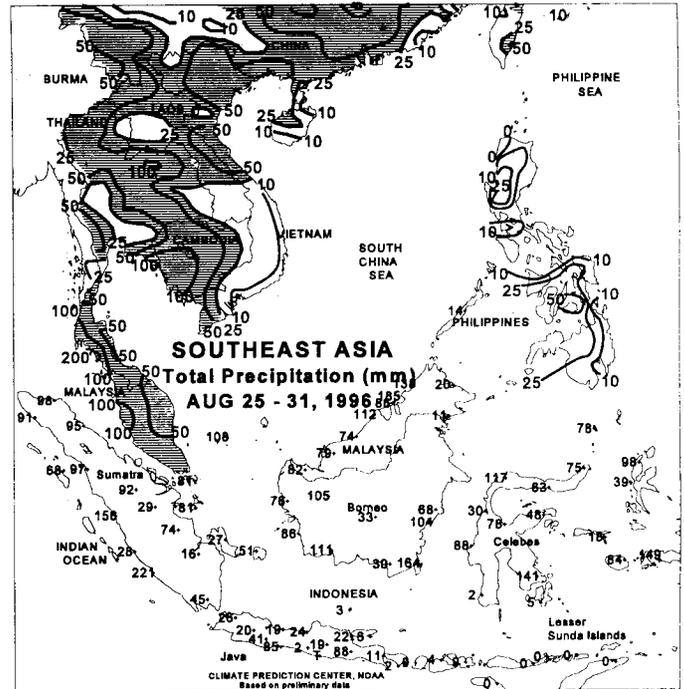
SOUTH ASIA

Moderate to heavy showers (25-100 mm or more) covered most primary grain, oilseed, and cotton areas, maintaining adequate to abundant moisture for reproduction and filling. The exception was much of the north and northwest, including Pakistan, where warm, dry weather helped reduce flooding caused by last week's heavy rain. The dryness extended into Gujarat's groundnut area, which has received generally sporadic rain in recent weeks. In contrast, heavy showers (73-186 mm) maintained unfavorably wet growing conditions for the bulk of India's soybeans. Despite a few excessive amounts, rainfall in the southern interior (10-50 mm or greater) benefited immature grains, oilseeds, and cotton. The southwest monsoon typically begins its seasonal withdrawal in mid-September, beginning in the north and working its way south and eastward.



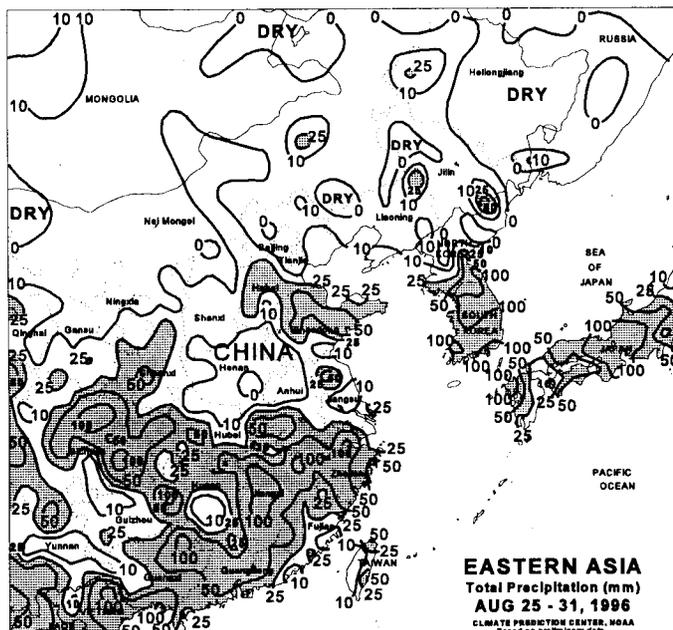
SOUTHEAST ASIA

Monsoonal showers (25-75 mm) benefited rice and sugarcane across most of Thailand. In Vietnam, moderate tropical showers (20-60 mm) slowed rice harvesting in the north, while drier weather (less than 25 mm of rain) favored fieldwork in the south. Widespread showers (25-90 mm) aided oil palm across peninsular Malaysia. Mostly drier weather (less than 20 mm of rain) prevailed across the northern and central Philippines, easing wetness from the passage of Typhoon Niki the previous week. In Java, variable showers (5-40 mm) maintained moisture for second-season rice.



EASTERN ASIA

Mostly dry weather (less than 10 mm of rain, with isolated amounts greater than 25 mm) prevailed across Manchuria, favoring spring wheat harvesting and corn and soybean maturation. Portions of the North China Plain (Henan) were also dry, but light to moderate rain (25-60 mm) covered Shandong and southern Hebei. The moisture favored late-maturing summer crops, but the majority of summer crops should be ready for harvesting. Across the southern half of China, widespread showers (25-80 mm, with isolated amounts greater than 100 mm) prevailed, increasing moisture supplies for late double-crop rice but slowing corn, soybean, and single-crop rice harvesting. Temperatures averaged 1 to 3 degrees C below normal across the North China Plain and south-central China. Mostly cool, wet weather (1-3 degrees C below normal; 25-125 mm of rain) covered South Korea and southern and central Japan, slowing early rice harvesting.



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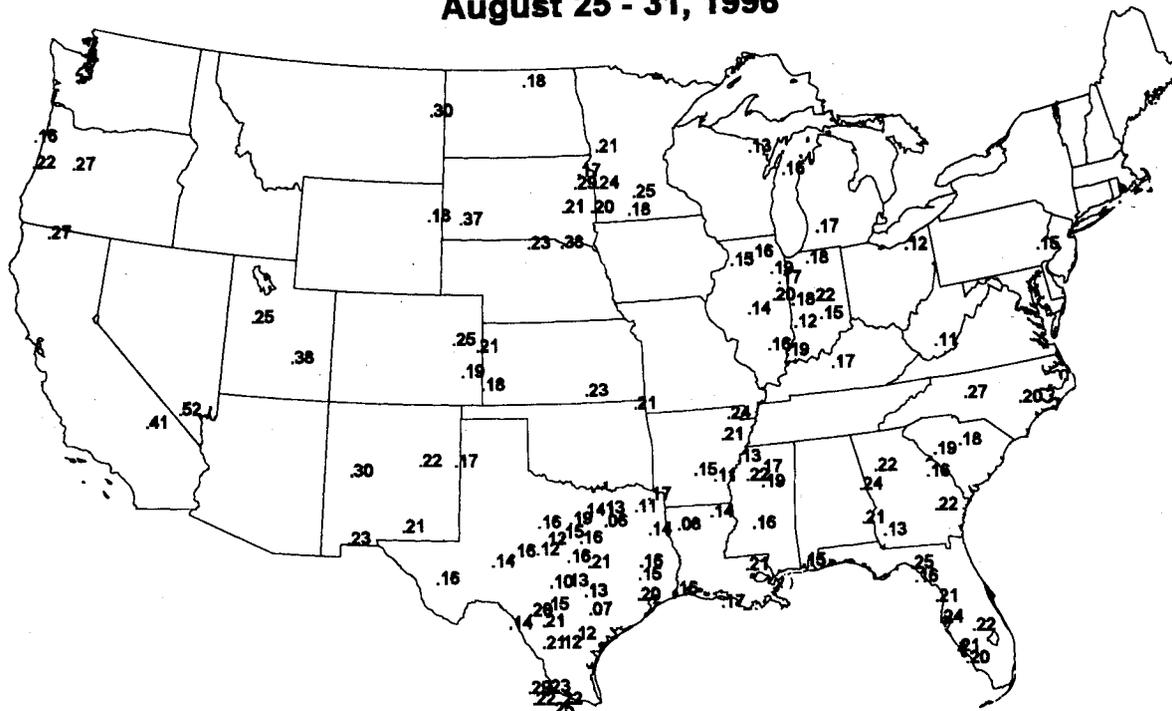
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**Average Pan Evaporation (Inches/Day)
August 25 - 31, 1996**



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