

# 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

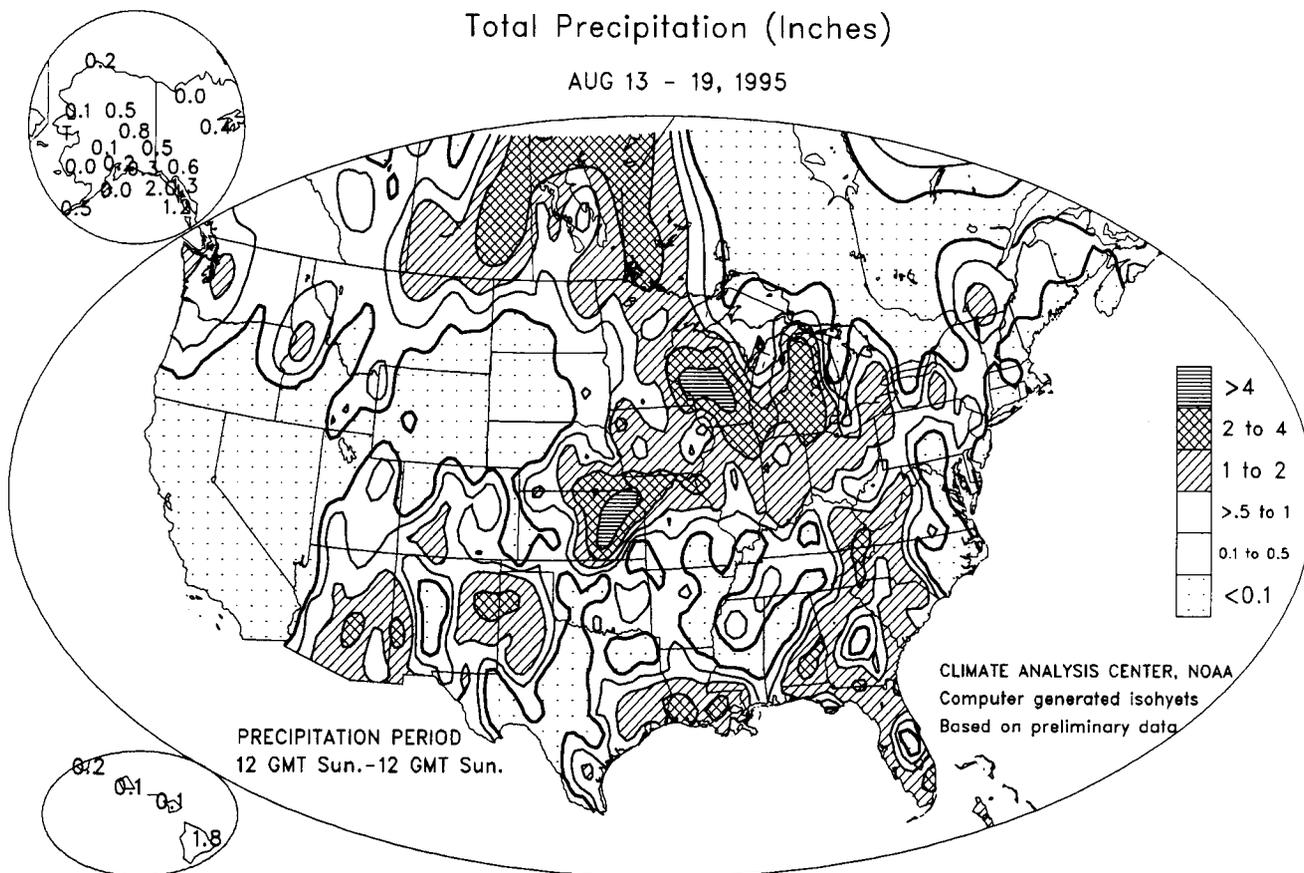
Volume 82, No. 34

Washington, D.C.

August 22, 1995

## Total Precipitation (Inches)

AUG 13 - 19, 1995



CLIMATE ANALYSIS CENTER, NOAA  
Computer generated isohyets  
Based on preliminary data

PRECIPITATION PERIOD  
12 GMT Sun.-12 GMT Sun.

## HIGHLIGHTS

August 13 - 19, 1995

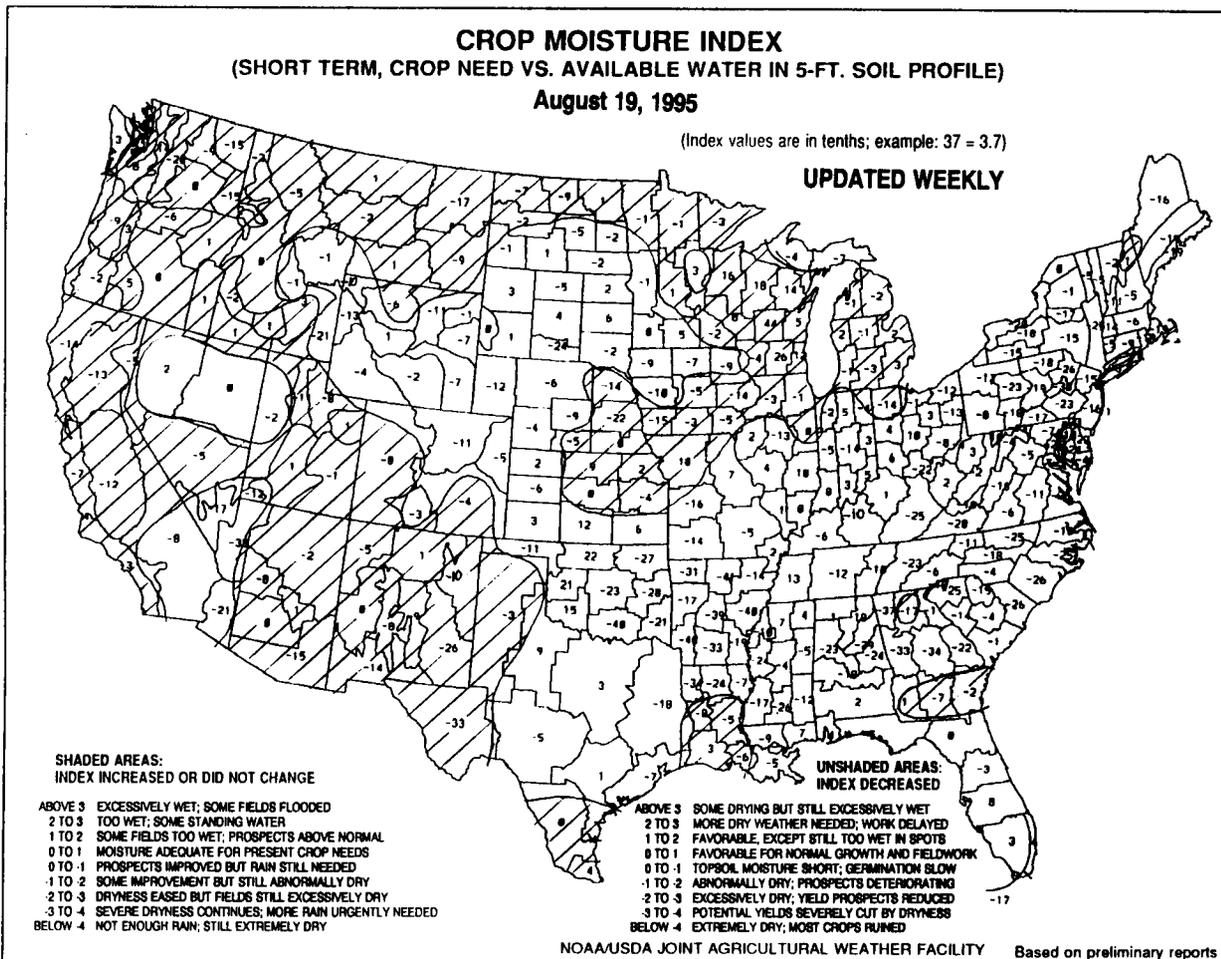
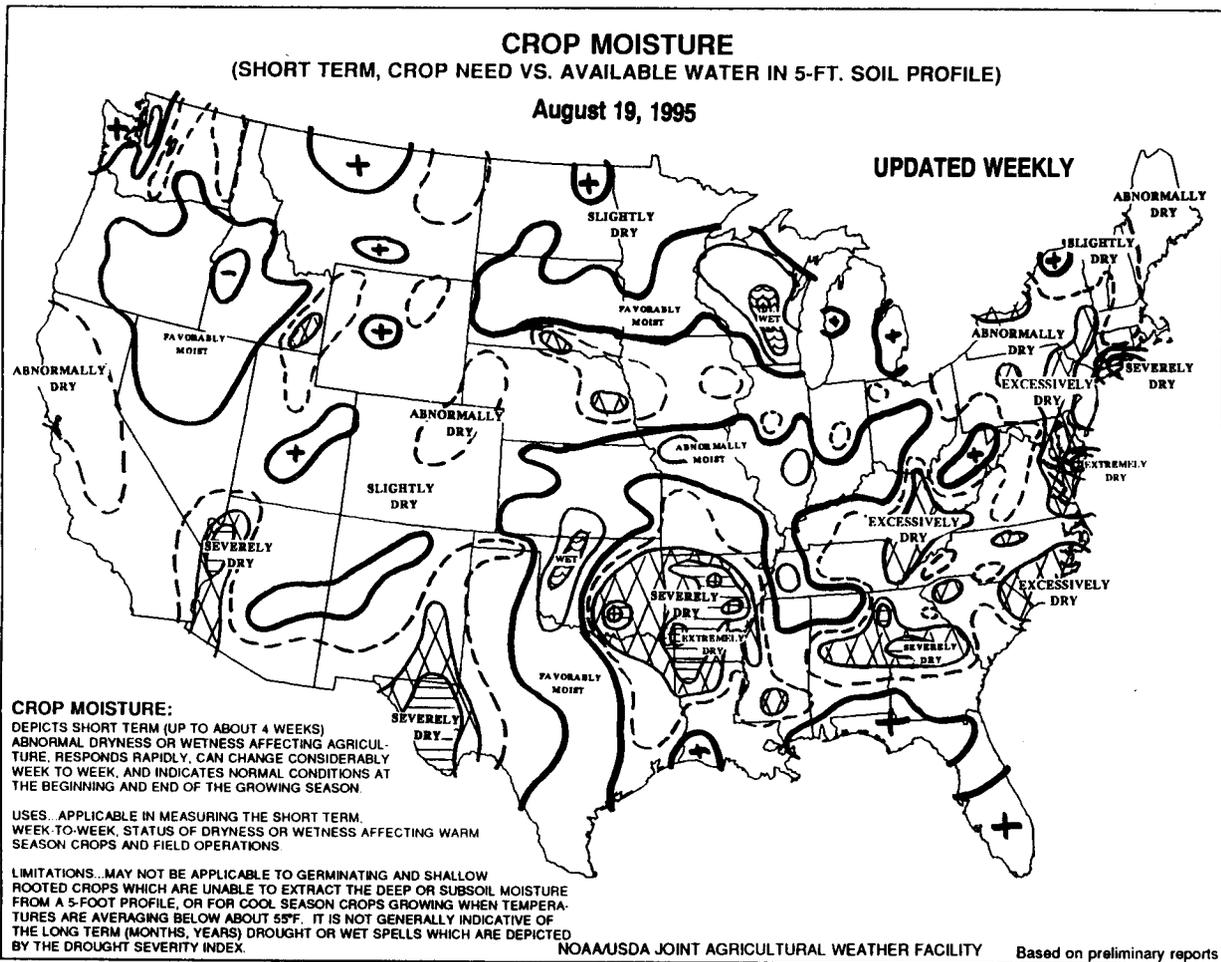
Extremely hot weather--in some locations resulting in the highest temperatures in 7 years or more--gripped much of the eastern half of the country through Friday. Weekly average temperatures ranged from 9 to 12 °F above normal across most of the Corn Belt and central Appalachians. Offshore, Hurricane Felix ground to a halt about 150 miles east of Cape Hatteras, NC, at midweek, remaining nearly stationary before resuming an eastward drift. The prolonged northeasterly fetch brought rough surf and beach erosion to the Middle Atlantic coastline, but gale-force winds were confined to North Carolina's Outer Banks and the Virginia Capes. From the Southwest to Great Lakes, a narrow band of thunderstorms and lower temperatures--including remnant moisture from Tropical Storm Gabrielle--crept eastward, benefiting cotton in the southern Plains as well as Corn Belt

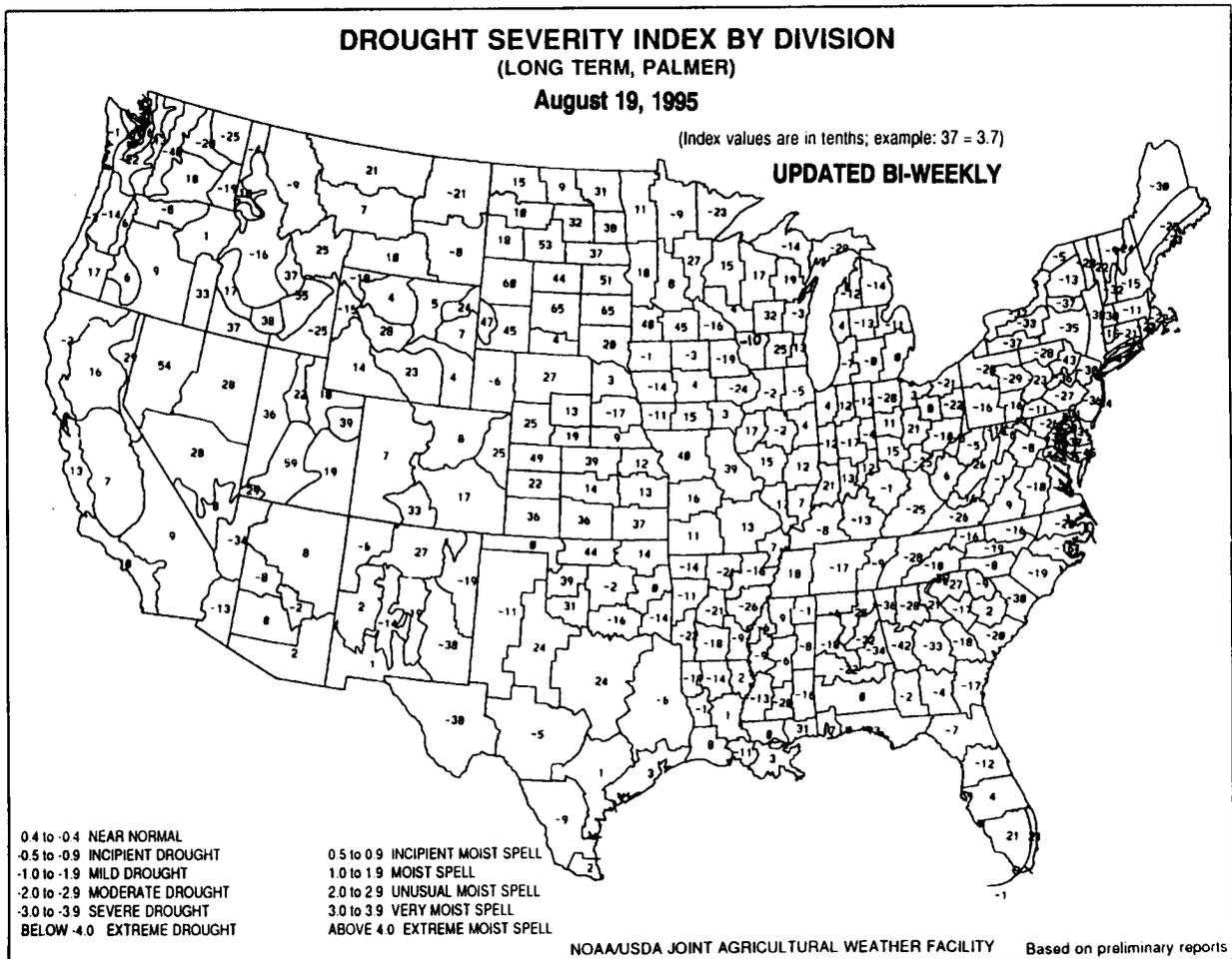
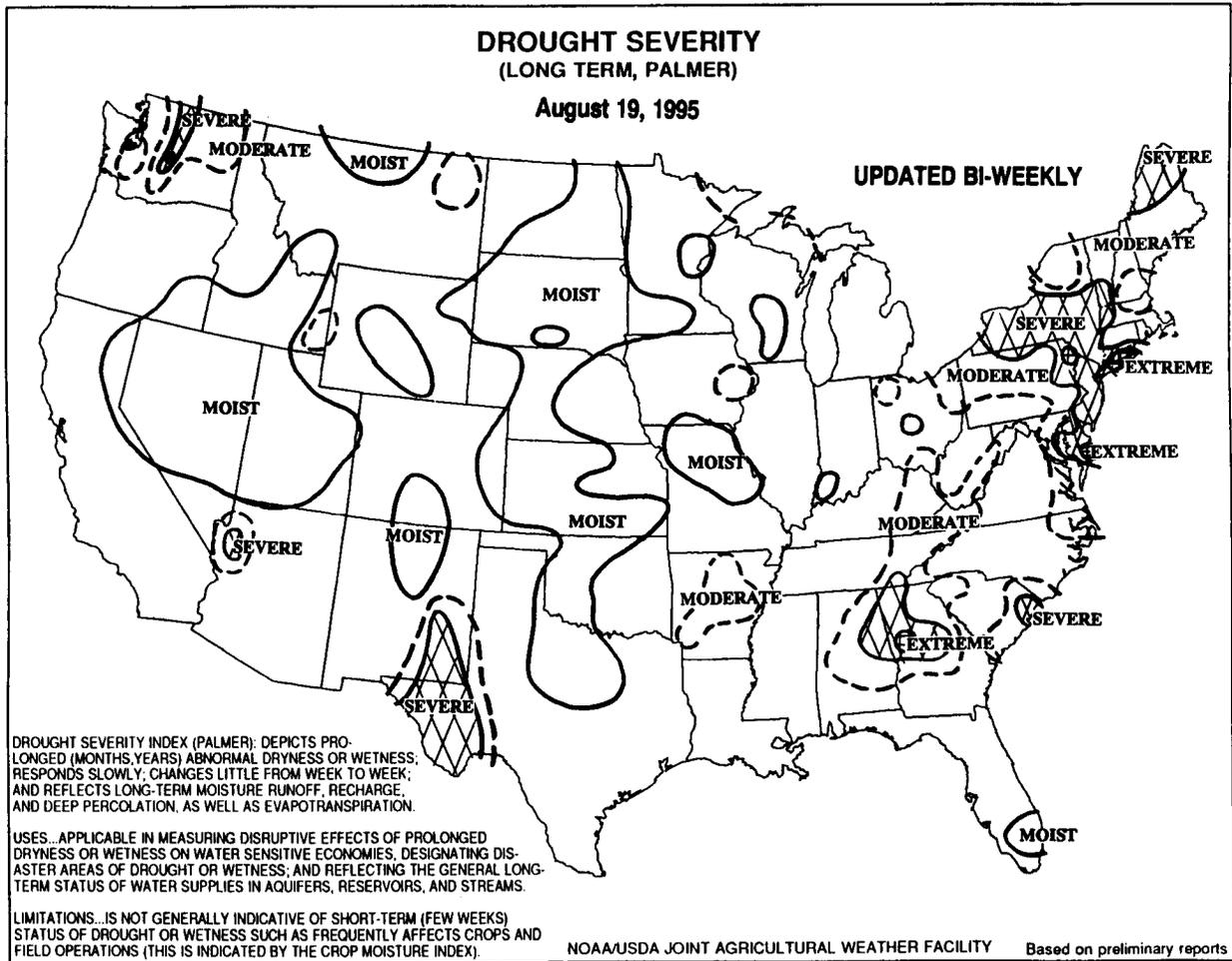
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crops. Farther west, a ribbon of heat advanced into the Plains after midweek, only to be displaced by cool, showery weather as another in a series of strong storms entered the Northwest. A "back door" cold front ended the heat wave on Saturday across the mid-Atlantic and Southeast regions. A weak disturbance brought beneficial rains to some dry areas in Georgia and Alabama on Saturday, but dryness intensified over the lower Mississippi Valley.

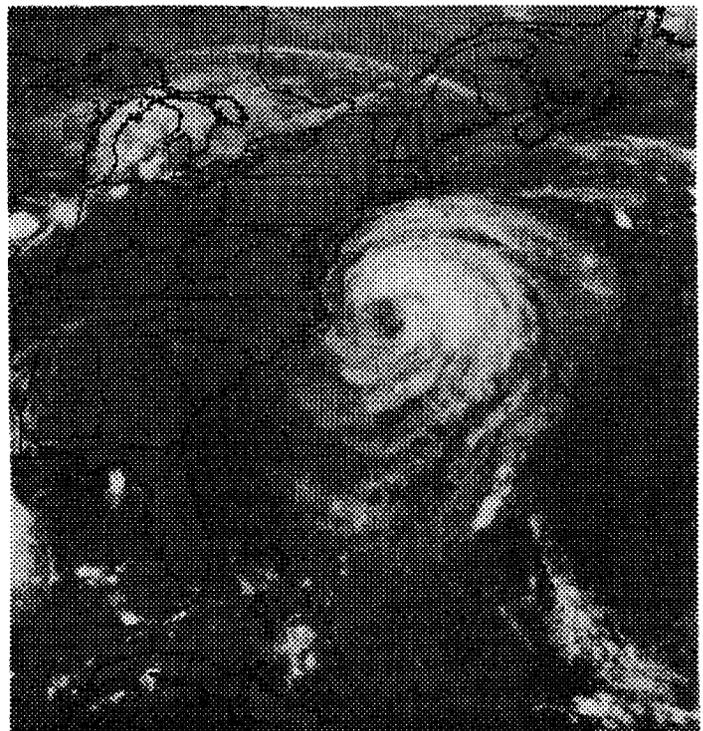
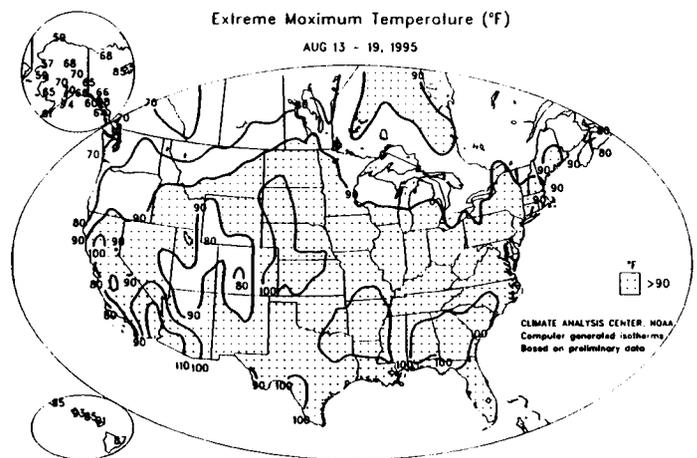
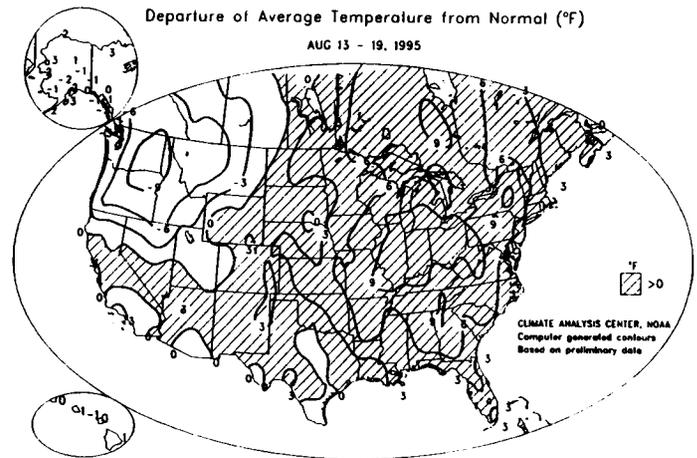
Early in the week, thunderstorms raced across the northern Corn Belt and Great Lakes States, dropping more than an inch of rain in locations such as Spencer, IA, Wausau, WI, and Alpena, MI. Meanwhile, another batch of thunderstorms spread into the Plains from the Southwest. During the 24 hours ending at 7:00 a.m. CDT on Tuesday morning, rainfall included 3.02 inches in Wichita, KS and 1.96 inches in Amarillo, TX. Another area of lighter rain fell in the western Gulf Coast region. Rain spread through the central Corn Belt and returned to the Great Lakes States at midweek. In central Michigan, Saginaw received 4.53 inches in 24 hours on August 16-17, pushing their weekly total above 6 inches.

Very hot weather dominated the eastern half of the country, where more than 100 daily-record highs were set by Friday, mainly in the Southeast. On Monday, highs of 100°F in Raleigh-Durham, NC and Roanoke, VA were the highest since August 1988, while the high of 102°F at North Charleston Airport, SC tied a 41-year-old August record. A day later, an all-time record was established in Apalachicola, FL, where the high reached 103°F. An August record was broken in Tallahassee, FL (103°F), and tied in Atlanta, GA (102°F). On Wednesday, Birmingham, AL notched 103°F, their fourth consecutive daily record, and for the first time on record reached 100°F before noon. Nighttime provided little relief as far north as the Ohio Valley, as numerous all-time high minimum temperature records were set or tied at locations such as Raleigh, NC (77°F on Monday), Greensboro, NC (77°F on Tuesday), and Cincinnati, OH (75°F on Wednesday).

In contrast, cool air spread eastward from the Northwest, where on Sunday daily-record lows were set in Great Falls, MT (36°F) and Yakima, WA (39°F). Monday brought a repeat performance in Great Falls (36°F) and a freeze to Burns, OR (32°F). Farther south, however, an offshore air flow delivered daily-record highs to northern California in San Jose (96°F) and San Francisco (85°F). Showers arrived in the Northwest at midweek in advance of an unusually strong summer storm, dumping a daily-record rainfall (0.52 inches) in Astoria, OR on August 16. Farther east, temperatures rose quickly in the northern Plains, where as early as Wednesday, daily records were set in Wyoming at Worland (101°F) and Casper (96°F).

On Thursday, century-plus temperatures baked the Plains States and continued to break records in the East. Rapid City, SD tied a record with 102°F and Columbus, GA broke theirs with 100°F. Felix drifted slowly northeastward away from the North Carolina coast. Cool, wet weather dominated the Pacific Northwest on Thursday, with abnormally low temperatures continuing through the week's end.

Searing heat continued on Friday across the Southeast, with Birmingham, AL (103°F), recording their 6th consecutive day of 100-degree heat and record highs. Cool air advanced across the plains, leaving record low readings behind. The mercury in Butte, MT, dipped to a frosty 31°F. A cooler air mass finally moved southward into the Carolinas on Saturday. The front, in combination with rain and clouds from a weak disturbance, ended the heat across most of the Southeast, though very high temperatures continued over the lower Mississippi Valley through the weekend.



GOES-8 IR, August 17, 1995, 10:00 UTC

# National Weather Data for Selected Cities

Weather Data for the Week Ending August 19, 1995

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT	NUMBER OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE	MAXIMUM	MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE		.50 INCH OR MORE	
																			OR MORE	OR MORE	OR MORE	OR MORE
AL BIRMINGHAM	102	75	103	74	88	9	.7	-.8	.7	5.1	46	23.6	64	91	38	7	0	0	0	0	0	
MOBILE	95	75	99	73	85	4	.4	-1.1	.4	14.4	89	52.3	123	91	35	6	0	0	0	0	0	
MONTCOMERY	100	73	102	71	86	6	.9	-.0	.6	6.0	45	26.7	70	96	44	0	0	0	0	0	0	
AK ANCHORAGE	66	50	70	46	58	2	.2	-.3	.2	5.6	130	9.2	115	92	59	0	0	0	0	0	0	
BARROW	47	34	59	30	40	2	.2	-.1	.2	1.7	91	2.5	98	98	80	0	0	0	0	0	0	
FAIRBANKS	63	50	70	47	57	1	.8	.3	.6	4.6	102	6.2	92	94	69	0	0	0	0	0	0	
JUNEAU	60	48	68	46	54	1	1.3	.1	1.0	11.3	108	. . .	. . .	98	74	0	0	0	0	0	0	
KODIAK	67	49	74	42	58	3	.0	-1.2	.0	16.1	142	50.5	132	91	51	0	0	0	0	0	0	
WOME	55	43	59	32	49	2	.7	-.6	.7	2.8	56	8.7	106	91	69	10	1	1	1	1	1	
AZ PHOENIX	101	80	109	75	90	1	1.2	1.0	.8	1.2	79	4.3	104	68	31	7	0	0	0	0	0	
PRESCOTT	86	63	89	60	75	4	.7	-.8	.7	1.2	20	6.1	50	62	25	0	0	0	0	0	0	
TUCSON	91	72	102	68	82	3	1.2	.7	.5	3.3	83	7.1	104	82	40	0	0	0	0	0	0	
YUMA	104	84	110	80	94	1	.7	-.2	.2	2.3	20	2.0	122	67	30	7	0	0	0	0	0	
AR FORT SMITH	98	74	101	70	86	5	.7	-.7	.7	9.2	112	27.3	106	93	44	0	0	0	0	0	0	
LITTLE ROCK	100	77	102	74	88	8	.7	-.6	.7	6.5	72	25.4	84	72	37	7	0	0	0	0	0	
CA BAKERSFIELD	96	64	103	56	80	2	.0	.0	.0	1.1	71	7.9	202	64	20	3	0	0	0	0	0	
FRESNO	66	50	68	48	58	0	.7	-.1	.7	2.1	229	36.1	170	91	43	0	0	0	0	0	0	
FURKIA	98	67	105	62	83	2	.0	.0	.0	.7	957	15.2	218	64	19	7	0	0	0	0	0	
LOS ANGELES	73	60	79	58	67	4	.0	.0	.0	.7	943	21.0	269	91	64	0	0	0	0	0	0	
REDDING	96	64	104	53	80	1	.0	-1.0	.0	1.8	185	46.6	243	59	17	5	0	0	0	0	0	
SACRAMENTO	91	58	98	52	74	1	.0	.0	.0	.5	294	23.8	221	91	45	4	0	0	0	0	0	
SAN DIEGO	77	65	83	64	71	2	.0	.0	.0	.5	364	15.9	254	90	64	0	0	0	0	0	0	
SAN FRANCISCO	78	53	88	51	66	2	.0	.0	.0	.6	500	21.0	171	91	43	0	0	0	0	0	0	
CO DENVER	89	60	96	52	75	3	.7	-.3	.7	4.0	86	11.8	106	68	24	5	0	0	0	0	0	
GRAND JUNCTION	91	63	95	60	77	0	.7	-.2	.7	2.5	129	8.4	137	66	18	4	0	0	0	0	0	
PUEBLO	92	59	100	53	75	1	.3	-1.1	.3	3.8	83	11.7	143	73	25	5	0	0	0	0	0	
CT BRIDGEPORT	86	71	92	65	78	5	.0	-.7	.0	4.0	43	17.8	66	82	47	1	0	0	0	0	0	
HARTFORD	88	63	92	52	75	4	.0	-.8	.0	7.4	81	21.6	79	86	40	2	0	0	0	0	0	
DC WASHINGTON	95	76	98	69	85	7	.0	-.9	.0	7.3	76	20.5	83	77	44	6	0	0	0	0	0	
FL PANAMA CITY	90	77	94	73	84	3	.9	-.9	.7	16.5	79	31.0	70	95	66	6	0	0	0	0	0	
DAYTONA BEACH	92	73	93	71	82	1	.4	-1.0	.4	14.4	95	21.9	74	97	56	6	0	0	0	0	0	
JACKSONVILLE	94	74	96	71	84	3	1.1	-1.1	1.1	18.3	126	29.4	94	96	58	6	0	0	0	0	0	
KEY WEST	92	79	93	77	86	1	1.2	-.1	.6	12.1	104	21.1	94	86	58	7	0	0	0	0	0	
MIAMI	94	79	97	78	87	4	.7	-1.1	.5	31.2	161	47.1	134	89	53	7	0	0	0	0	0	
ORLANDO	95	76	97	74	86	3	.2	-1.4	.1	16.3	87	26.2	80	94	50	7	0	0	0	0	0	
TALLAHASSEE	98	73	103	70	86	5	1.4	-.4	1.3	19.8	96	37.5	82	93	47	7	0	0	0	0	0	
TAMPA	93	77	97	73	85	3	2.4	-.7	1.3	26.6	159	37.3	128	88	60	7	0	0	0	0	0	
WEST PALM BEACH	93	77	95	76	85	2	1.3	-.2	1.1	20.8	116	30.1	84	90	52	7	0	0	0	0	0	
GA ATLANTA	99	75	102	71	87	9	1.1	-.3	1.1	6.3	58	24.2	70	85	40	7	0	0	0	0	0	
AUGUSTA	98	73	100	70	85	5	.1	-.9	.1	10.4	93	25.7	82	95	47	7	0	0	0	0	0	
Macon	99	75	102	73	87	6	.4	-.4	.4	11.5	113	27.8	89	94	45	7	0	0	0	0	0	
SAVANNAH	97	76	100	73	86	5	1.2	-.6	.7	17.2	102	29.0	84	91	54	7	0	0	0	0	0	
HI HILO	86	69	87	67	77	1	1.8	-.4	.7	24.1	111	51.2	63	88	62	0	0	0	0	0	0	
HONOLULU	91	75	93	74	83	1	.1	.0	.1	.4	26	10.0	83	82	46	6	0	0	0	0	0	
KAHULUI	89	71	91	66	80	0	.1	.0	.1	.9	94	9.0	68	78	51	1	0	0	0	0	0	
LIHUE	84	74	85	72	79	0	.2	-.2	.2	2.4	49	15.6	63	82	65	0	0	0	0	0	0	
ID BOISE	80	50	95	38	65	8	.7	-.1	.7	1.5	111	9.0	120	68	19	1	0	0	0	0	0	
LEWISTON	77	53	87	47	65	9	.2	.0	.1	5.4	227	11.2	138	85	29	0	0	0	0	0	0	
FOCATELLO	83	47	95	35	65	4	.6	-.4	.6	4.3	212	12.0	153	74	18	2	0	0	0	0	0	
IL CHICAGO	92	74	96	70	83	11	2.5	1.6	1.2	7.9	79	23.2	103	90	50	5	0	0	0	0	0	
MOLINE	90	72	93	64	81	8	1.0	.0	.9	8.4	71	26.9	104	95	66	4	0	0	0	0	0	
PEORIA	93	74	95	72	83	10	.4	-.3	.4	6.4	63	26.3	112	97	61	7	0	0	0	0	0	
QUINCY	91	73	93	71	82	8	1.0	-.2	1.0	7.4	70	23.3	93	85	56	5	0	0	0	0	0	
ROCKFORD	89	71	95	64	80	9	2.6	1.7	1.6	9.4	84	23.6	101	99	62	2	0	0	0	0	0	
SPRINGFIELD	94	75	95	74	84	11	.9	-.2	.8	7.6	85	25.9	114	92	56	7	0	0	0	0	0	
IN EVANSVILLE	98	78	100	75	88	10	.7	-.7	.7	11.0	106	38.3	126	90	50	7	0	0	0	0	0	
FORT WAYNE	93	72	97	70	82	10	2.0	1.3	1.8	9.9	108	24.4	108	99	59	5	0	0	0	0	0	
INDIANAPOLIS	92	74	94	71	83	10	.1	-.8	.0	9.6	93	26.1	98	96	57	7	0	0	0	0	0	
SOUTH BEND	90	73	93	71	82	10	1.8	.9	1.0	17.1	168	31.2	128	97	64	4	0	0	0	0	0	
IA DES MOINES	89	72	95	65	80	8	.9	.0	.5	8.3	77	25.1	110	90	55	3	0	0	0	0	0	
SIOUX CITY	86	67	96	57	76	3	.4	-.3	.3	4.2	48	16.4	91	93	53	3	0	0	0	0	0	
WATERLOO	87	69	95	57	78	7	1.4	-.6	.8	8.2	71	19.4	84	93	60	3	0	0	0	0	0	
KS CONCORDIA	89	71	99	65	80	2	2.3	1.5	2.2	8.4	82	22.3	109	90	59	4	0	0	0	0	0	
DODGE CITY	96	69	103	64	82	4	.7	-.6	.7	7.1	88	17.3	109	86	38	7	0	0	0	0	0	
GOODLAND	88	62	100	58	75	2	.3	-.2	.3	8.4	116	17.0	122	90	37	4	0	0	0	0	0	
TOPEKA	93	72	97	69	83	6	3.3	2.4	1.9	12.8	111	32.1	137	90	48	5	0	0	0	0	0	
WICHITA	93	73	96	71	83	4	3.1	2.3	1.5	18.9	167	31.5	136	91	55	6	0	0	0	0	0	
KY BOWLING GREEN	96	74	98	70	85	9	.1	-.7	.1	7.4	67	25.1	75	99	59	7	0	0	0	0	0	
LEXINGTON	92	72	94	70	82	7	.7	-.2	.6	14.2	127	37.6	125	95	58	7	0	0	0	0	0	
LOUISVILLE	95	77	96	75	86	10	.5	-.3	.5	9.2	90	28.4	95	93	59	7	0	0	0	0	0	
LA BATON ROUGE	93	74	97	70	84	2	.3	-1.1	.2	9.5	63	49.1	121	98	59	6	0	0	0	0	0	
LAKE CHARLES	95	77	98	75	86	4	.2	-1.0	.1	17.8	133	42.4	125	99	61	7	0	0	0	0	0	
NEW ORLEANS	96	75	99	71	86	4	.1	-1.3	.1	12.0	76	53.5	131	97	54	7	0	0	0	0	0	
SHERBOURNE	99	74	103	71	87	5	.7	-.6	.7	7.6	78	31.9	100	93	43	7	0	0	0	0	0	

Based on 1961-90 normals.

Weather Data for the Week Ending August 19, 1995

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY, PERCENT	NUMBER OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM		AVERAGE MINIMUM	80 AND ABOVE	32 AND BELOW	.01 INCH OR MORE		.50 INCH OR MORE
															TEMP. °F				PRECIP.		
ME CARIBOU	76	55	87	43	65	2	.4	-.5	.4	4.4	47	19.6	90	85	42	0	0	1	0		
PORTLAND	81	60	88	50	70	3	.0	-.6	.0	6.1	73	22.2	83	89	50	0	0	0	0		
MD BALTIMORE	93	75	96	68	84	8	.2	-.7	.2	8.4	86	20.0	77	79	44	5	0	1	0		
SALISBURY	91	69	96	59	80	5	.1	-1.2	.1	4.3	38	15.6	53	90	44	5	0	0	0		
MA BOSTON	82	67	92	60	75	3	.0	-.7	.0	4.4	55	16.7	65	86	48	1	0	0	0		
CHEATHAM	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
MI ALPENA	81	61	87	56	71	6	2.1	1.3	1.2	7.2	90	15.3	84	96	67	0	0	3	2		
DETROIT	90	72	94	70	81	10	.7	.0	.5	6.7	75	18.7	90	91	58	4	0	0	0		
FLINT	89	68	95	61	79	10	3.2	2.5	3.2	7.4	93	16.5	90	93	60	3	0	3	1		
GRAND RAPIDS	89	70	94	67	79	10	1.7	.9	1.1	12.2	136	24.1	113	96	61	2	2	2	2		
Houghton Lake	84	64	88	57	74	9	1.8	1.0	.7	9.0	119	17.9	105	90	60	0	0	4	2		
LANSING	89	69	94	61	79	11	2.0	1.2	1.8	5.7	71	16.9	90	99	59	3	0	2	1		
MARQUETTE	81	61	88	56	71	8	.8	.0	.7	8.7	104	22.5	109	95	48	0	0	4	1		
MUSKEGON	85	70	88	69	78	9	1.4	.6	1.4	6.6	103	17.9	98	94	69	0	0	1	1		
SAULT ST. MARIE	79	57	85	51	68	5	.2	-.6	.2	7.8	97	19.9	102	96	42	0	0	2	0		
MV ALEXANDRIA	82	61	91	53	71	2	.4	-.4	.4	8.2	88	15.0	86	94	55	1	0	1	0		
DULUTH	76	60	83	57	68	4	1.8	.9	1.5	9.3	94	20.0	105	92	55	0	0	4	1		
INT'L FALLS	84	58	90	52	71	7	1.3	.6	1.3	7.4	78	13.4	83	95	43	1	0	2	1		
MINNEAPOLIS	84	66	92	58	75	4	.5	-.3	.4	10.2	103	17.3	89	92	56	1	0	4	0		
ROCHESTER	82	65	89	56	73	5	1.8	.9	1.0	9.8	94	19.5	98	95	66	0	0	3	2		
MS GREENWOOD	99	76	101	74	87	6	.8	-.6	.8	8.7	85	29.5	83	97	47	7	0	0	0		
JACKSON	96	74	99	72	85	5	.8	-.8	.8	13.8	147	39.0	107	94	46	7	0	0	0		
MERIDIAN	96	73	97	72	84	3	.8	-.8	.8	8.7	79	34.9	91	99	52	7	0	0	0		
MO CAPE GIRARDEAU	97	76	99	72	87	10	.8	-.8	.8	9.3	102	30.2	101	94	48	7	0	0	0		
COLUMBIA	94	73	98	72	84	9	.2	-.5	.2	15.5	162	42.5	174	97	56	7	0	1	0		
KANSAS CITY	90	71	93	66	81	4	1.2	-.4	.7	11.6	101	30.3	125	94	63	5	0	3	1		
SAINT LOUIS	98	79	101	76	88	11	1.3	-.7	.7	9.6	103	34.8	143	87	53	7	0	4	2		
SPRINGFIELD	96	73	99	71	84	8	.7	-.2	.7	12.5	119	35.0	131	89	46	7	0	1	1		
MT BILLINGS	82	52	94	45	67	4	.5	-.3	.3	4.9	141	13.0	123	66	20	1	0	2	0		
GLASGOW	82	53	91	45	67	3	.1	-.2	.1	7.5	160	10.9	137	80	27	1	0	1	0		
GREAT FALLS	76	45	85	36	61	7	.2	-.2	.1	6.3	138	11.9	108	80	25	0	0	3	0		
HAVRE	76	48	81	40	62	7	1.2	.9	.5	9.4	241	13.3	165	87	32	0	0	3	0		
HELENA	78	42	92	34	60	8	1.1	-.2	.1	4.0	108	8.9	107	77	30	1	0	2	0		
KALISPELL	66	43	76	35	55	9	.5	-.2	.3	7.2	174	12.7	118	95	45	0	0	3	0		
MILES CITY	86	55	97	46	71	2	-.2	.0	.2	4.6	91	10.4	102	72	22	3	0	2	0		
MISSOULA	73	44	83	37	58	8	.6	-.3	.3	5.1	148	8.8	95	92	35	0	0	4	0		
NE GRAND ISLAND	86	67	99	59	77	2	.3	-.3	.2	7.1	84	18.8	105	87	55	3	0	3	0		
LINCOLN	88	69	100	62	79	4	.5	-.3	.3	4.2	46	18.5	96	92	56	4	0	3	0		
NORFOLK	88	67	98	59	78	5	.3	-.3	.3	4.6	49	19.0	103	85	47	3	0	1	0		
NORTH PLATTE	91	64	99	56	77	5	.2	-.2	.2	5.0	66	14.1	94	86	34	4	0	1	0		
OMAHA	90	70	100	61	80	6	.9	-.2	.5	5.1	55	19.7	98	90	54	4	0	3	1		
SCOTTSBLUFF	89	54	96	49	72	0	.8	-.2	.8	4.2	78	13.3	113	89	27	4	0	0	0		
VALENTINE	91	58	102	44	75	1	.8	-.6	.8	6.2	72	16.8	102	88	32	5	0	0	0		
NV ELY	87	45	90	38	66	1	.0	-.2	.0	1.5	73	8.8	134	67	28	1	0	0	0		
LAS VEGAS	103	79	107	74	91	2	.0	-.1	.0	.8	0	3.6	138	42	10	7	0	0	0		
RENO	89	53	95	45	71	1	.0	-.1	.0	1.5	166	10.0	209	66	15	4	0	0	0		
WINHEMUCCA	88	46	95	40	67	3	.0	-.1	.0	1.5	106	8.1	153	70	10	4	0	0	0		
NH CONCORD	87	60	94	47	74	6	.8	-.8	.8	7.7	91	20.8	93	84	38	2	0	0	0		
NJ ATLANTIC CITY	86	68	90	56	77	3	.8	-.8	.8	8.4	93	21.0	81	91	56	1	0	0	0		
NM ALBUQUERQUE	90	67	95	63	78	2	.2	-.2	.1	.8	26	2.6	48	76	30	4	0	2	0		
CLOVIS	90	66	97	65	78	3	1.9	1.2	1.3	4.7	64	7.7	67	88	38	3	0	4	1		
ROSWELL	94	69	99	67	81	3	..	..	..	..	..	..	..	..	..	..	..	..	..		
NY ALBANY	87	66	91	62	76	6	.0	-.8	.0	6.9	77	16.4	72	85	50	2	0	0	0		
BINGHAMTON	87	65	91	62	76	9	.4	-.3	.4	6.3	69	17.0	73	86	47	2	0	1	0		
BUFFALO	88	65	90	58	77	7	.8	-.8	.8	6.3	69	19.0	83	86	48	1	0	0	0		
NEW YORK	89	73	92	67	81	6	.0	-.9	.0	8.0	80	20.5	76	76	41	3	0	0	0		
ROCHESTER	88	65	92	60	77	9	.0	-.8	.0	8.2	106	16.4	83	90	46	2	0	0	0		
SYRACUSE	88	64	95	58	76	7	1.7	.9	1.7	5.9	61	14.8	63	90	46	2	0	1	1		
NC ASHEVILLE	91	68	93	66	80	7	1.1	-.3	1.1	16.1	121	35.5	98	96	49	6	0	1	1		
CHARLOTTE	94	75	97	72	84	6	.5	-.3	.5	11.2	117	26.1	93	86	49	6	0	2	0		
GREENSBORO	95	74	99	71	85	9	.1	-.8	.1	12.1	112	23.0	83	85	44	6	0	1	0		
HATTERAS	88	77	92	74	83	4	.2	-.2	.2	18.9	148	37.7	111	86	51	2	0	2	0		
NEW BERN	94	74	100	70	84	5	.0	-.5	.0	9.8	35	15.4	42	90	45	6	0	0	0		
RALEIGH	96	74	100	70	85	8	.0	-.9	.0	11.1	108	27.8	100	83	41	7	0	0	0		
WILMINGTON	95	72	99	66	83	4	.2	-.5	.2	21.1	130	41.4	113	94	46	6	0	3	0		
MD BISMARCK	87	57	98	46	72	4	.8	-.4	.8	6.6	111	14.1	123	85	38	3	0	1	0		
FARGO	86	60	96	51	73	4	1.1	-.4	1.1	6.9	97	13.7	101	89	48	1	0	1	0		
GRAND FORKS	84	59	90	54	72	4	1.5	.9	1.3	13.5	191	18.2	145	89	51	1	0	2	1		
WILLISTON	83	55	95	47	69	1	1.1	-.2	1.1	3.3	103	10.6	104	83	30	2	0	3	0		
OH AKRON-CANTON	91	70	93	66	81	10	.6	-.2	.5	8.5	91	26.0	109	93	51	6	0	2	0		
CINCINNATI	93	73	95	70	83	9	.6	-.1	.4	10.5	103	31.3	113	99	57	7	0	3	0		
CLEVELAND	92	73	95	68	82	12	1.4	-.4	1.2	11.1	119	28.6	124	90	56	6	0	3	2		
COLUMBUS	92	73	95	71	83	12	1.6	-.8	1.0	19.7	201	35.5	144	97	55	6	0	3	2		
DAYTON	91	74	93	71	83	10	1.1	-.4	1.1	18.9	202	39.7	163	94	60	5	0	1	1		

Based on 1961-90 normals.

Weather Data for the Week Ending August 19, 1995

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT			NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE JUN 1	PCT. NORMAL SINCE JUN 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE	MAXIMUM	AVERAGE MINIMUM	80 AND ABOVE		32 AND BELOW	
																	80 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
OH TOLEDO	92	73	96	70	83	13	.9	.2	.9	7.5	83	20.2	96	96	58	6	0	3	1	
OH YOUNGSTOWN	92	68	94	63	80	11	1.0	.3	.6	8.0	80	20.7	87	92	52	6	0	2	1	
OK OKLAHOMA CITY	93	72	96	68	82	1	.0	.6	.0	10.1	120	22.8	105	91	47	6	0	0	0	
OK TULSA	97	76	100	74	87	5	.9	.7	.2	13.8	149	33.9	133	82	41	7	0	0	0	
OR ASTORIA	67	51	71	46	59	-2	.7	.4	.5	4.9	115	37.7	103	97	63	0	0	3	1	
OR BURNS	77	37	84	27	57	-8	.1	-1.1	-1.1	2.4	147	9.8	143	82	21	0	2	2	0	
OR MEDFORD	85	50	94	44	67	-6	.0	-1.1	.0	2.7	244	14.3	147	84	22	2	0	0	0	
OR PENDLETON	78	49	87	45	64	-9	.1	-1.1	-1.1	2.8	211	11.6	161	70	27	0	0	1	0	
OR PORTLAND	76	54	85	51	65	-4	.3	.1	.2	4.5	167	22.2	112	88	39	0	0	3	0	
OR SALM	75	50	85	45	62	-5	.5	.3	.4	2.5	108	25.6	121	93	40	0	0	2	0	
PA ALLENTOWN	89	67	93	60	78	6	.2	-0.7	-0.2	7.6	72	22.2	80	86	47	4	0	1	0	
PA ERIE	87	69	90	63	78	8	.9	.0	.8	5.8	59	18.9	78	88	52	1	0	2	1	
PA HARRISBURG	93	73	96	69	83	8	.0	-0.7	.0	10.1	108	21.8	85	90	48	6	0	0	0	
PA PHILADELPHIA	93	73	97	68	83	10	.2	-0.8	.2	4.7	42	16.5	56	88	44	6	0	1	0	
PA PITTSBURGH	94	71	96	66	83	12	.2	-0.7	.2	8.6	91	19.6	80	81	42	7	0	1	0	
PA SCRANTON	91	66	94	62	79	9	.0	-0.7	.0	6.0	61	15.1	65	86	43	5	0	0	0	
RI PROVIDENCE	86	67	91	58	77	5	.0	-0.8	.0	5.8	66	20.8	74	85	43	2	0	0	0	
SC CHARLESTON	97	76	102	74	87	6	.8	-0.9	.6	14.0	79	25.5	72	92	49	6	0	4	1	
SC COLUMBIA	99	75	104	73	87	7	.4	-1.0	.4	19.4	137	34.9	101	90	42	6	0	2	0	
SC FLORENCE	98	76	103	74	87	7	.2	-1.2	.2	9.4	71	25.9	85	93	41	6	0	0	0	
SC GREENVILLE	98	74	100	71	86	9	.1	-0.8	.0	9.4	79	29.3	86	89	43	6	0	3	0	
SD ABERDEEN	84	57	91	50	71	0	.0	-0.7	.0	5.2	62	16.5	107	92	51	1	0	0	0	
SD BURN	85	60	95	49	73	1	.3	-1.1	.3	7.4	101	23.0	154	93	55	1	0	1	0	
SD RAPID CITY	89	55	102	44	72	1	.2	-0.4	.2	7.5	122	15.5	122	75	24	3	0	0	0	
SD STOCK FALLS	86	64	96	53	75	3	.2	-0.5	-1.1	7.9	101	22.8	142	94	57	3	0	2	0	
TN CHATTANOOGA	97	74	97	73	85	7	.0	-0.8	.0	10.7	101	32.1	92	95	43	7	0	0	0	
TN KNOXVILLE	99	72	100	70	85	9	.2	-0.7	.2	5.6	52	27.5	86	90	38	7	0	0	0	
TN MEMPHIS	97	77	100	75	87	6	.3	-0.5	.3	18.8	199	39.6	119	91	54	7	0	1	0	
TN NASHVILLE	97	76	98	73	86	8	.3	-0.5	.3	8.7	90	31.7	102	95	56	7	0	1	0	
TX ABILENE	93	72	94	71	83	-1	.0	-0.6	.0	8.9	135	19.1	127	84	40	6	0	0	0	
TX AMARILLO	91	66	97	64	78	2	2.0	1.2	2.0	7.7	92	14.5	104	87	42	5	0	2	1	
TX AUSTIN	94	75	97	74	84	-1	.2	-0.5	.2	6.7	96	23.5	118	95	51	6	0	0	0	
TX BROWNSVILLE	91	74	95	73	83	0	.6	-0.6	.4	17.9	127	37.6	108	100	66	4	0	4	0	
TX BEAUMONT	91	77	91	75	84	-1	.2	-0.6	.2	5.5	92	14.0	103	95	60	6	0	1	0	
TX CORPUS CHRISTI	92	77	93	75	84	0	.7	-1.1	.5	7.5	99	18.4	107	95	58	7	0	2	0	
TX DEL RIO	97	76	99	74	87	3	.0	-0.6	.0	2.3	36	8.2	53	85	45	7	0	0	0	
TX EL PASO	91	70	99	67	81	0	.4	-1.1	.2	2.5	77	4.1	85	85	35	5	0	4	0	
TX FORT WORTH	96	76	101	75	86	3	.2	-0.5	.2	6.7	101	30.3	132	87	46	7	0	0	0	
TX GALVESTON	92	82	94	80	87	3	.2	-1.0	.2	.6	5	10.4	42	82	57	6	0	0	0	
TX HOUSTON	93	75	97	73	84	1	.6	-0.2	.5	9.1	71	28.1	87	94	54	6	0	3	1	
TX LUBBOCK	92	68	97	66	80	2	1.1	-0.6	.6	5.5	83	9.7	82	81	37	6	0	2	2	
TX MIDLAND	94	71	97	68	82	2	.3	-1.1	.3	4.1	100	8.6	101	79	33	7	0	1	0	
TX SAN ANGELO	96	73	98	70	85	3	.2	-0.4	.2	3.9	90	15.2	128	82	33	7	0	0	0	
TX SAN ANTONIO	97	76	98	72	87	1	.2	-0.5	.2	5.8	78	14.3	75	92	41	7	0	1	0	
TX VICTORIA	92	75	94	73	84	1	1.2	-0.4	.7	7.3	68	19.9	75	98	51	7	0	4	2	
TX WACO	95	74	96	71	84	-1	.8	-0.4	.4	6.0	97	26.6	133	96	46	7	0	2	0	
TX WICHITA FALLS	95	74	97	71	84	1	.1	-0.5	-1.1	10.0	142	19.9	99	82	47	6	0	1	0	
UT CEDAR CITY	88	58	92	51	73	1	.0	-0.3	.0	1.8	74	8.0	111	56	20	3	0	0	0	
UT SALT LAKE CITY	89	61	98	51	75	-1	.2	-0.2	.2	1.9	83	12.9	123	65	20	3	0	0	0	
VT BURLINGTON	86	62	91	56	74	6	.2	-0.9	.2	8.8	91	17.3	82	91	48	2	0	1	0	
VA NORFOLK	88	76	92	69	82	5	.2	-1.1	.2	7.5	63	20.9	70	80	54	4	0	1	0	
VA RICHMOND	92	71	95	63	81	4	.0	-1.0	.0	6.9	60	20.5	72	84	31	6	0	0	0	
VA ROANOKE	95	72	100	69	84	9	.1	-0.8	-1.1	13.0	134	28.8	111	88	43	6	0	1	0	
WA QUILLAYUTE	64	49	68	46	57	-3	1.4	-0.8	.6	11.0	154	53.1	91	99	70	0	0	5	2	
WA SEATTLE-TACOMA	68	52	73	50	60	-6	1.2	-1.0	1.1	4.5	134	20.9	105	90	53	0	0	2	1	
WA SPOKANE	71	47	80	41	59	-10	.3	-1.1	-1.1	3.8	160	14.3	143	82	36	0	0	3	0	
WA YAKIMA	78	42	86	38	60	-9	.2	-1.1	.2	1.5	160	6.0	132	86	32	0	0	0	0	
WV BECKLEY	86	67	89	66	77	8	.5	-0.3	.5	10.9	102	28.5	104	97	56	0	0	1	0	
WV CHARLESTON	90	72	92	69	81	7	.1	-0.8	-1.1	13.5	121	34.0	121	99	58	5	0	1	0	
WV HUNTINGTON	92	72	94	68	82	9	.2	-0.7	.2	11.1	100	30.5	107	99	55	6	0	1	0	
WV PARKERSBURG	93	72	95	70	82	9	.1	-0.8	-1.1	8.4	78	...	...	99	53	6	0	1	0	
WI GREEN BAY	82	68	86	64	75	8	2.0	1.2	.9	8.9	104	17.0	94	95	68	0	0	4	2	
WI LACROSSE	86	69	95	61	78	7	...	...	...	...	...	21.1	105	95	57	3	0	0	0	
WI MADISON	89	71	95	64	80	10	4.0	3.2	2.9	10.0	100	22.4	108	88	59	3	0	4	2	
WI MILWAUKEE	85	72	94	69	79	9	3.5	2.7	2.6	8.0	90	19.4	92	94	68	2	0	5	2	
WI WAUSAU	81	65	86	58	73	6	4.5	3.5	2.1	15.9	151	22.2	107	96	59	0	0	4	3	
WY CASPER	88	53	96	42	70	1	.0	-1.1	.0	4.1	130	14.4	161	82	15	3	0	0	0	
WY CHEYENNE	84	55	90	51	70	3	.0	-0.4	.0	6.2	119	15.1	139	76	22	1	0	0	0	
WY LANDER	86	56	93	48	71	2	.0	-1.1	.0	3.9	151	14.8	161	45	15	2	0	0	0	
WY SHERIDAN	85	48	94	41	67	-2	.2	-0.5	.2	4.5	126	12.3	122	69	27	3	0	1	0	
PR SAN JUAN	91	77	94	74	84	1	2.7	1.5	1.1	13.5	117	34.3	120	86	59	4	0	5	2	

Based on 1961-90 normals.

## National Agricultural Summary

### HIGHLIGHTS for August 14 - 20, 1995

**HIGHLIGHTS:** Hot, humid weather across the Corn Belt put growing degree days totals above normal for the week. The hot weather allowed rapid crop development, but corn and soybeans are still 1 to 2 weeks behind normal in some Midwestern States. After many weeks of gradual improvement in crop conditions the heat lowered condition ratings across the Southeastern States. Hot weather across the Southeastern States pushed crop development and maturity but lowered crop condition ratings as soil moisture supplies dwindled. Soil moisture supplies were at their lowest

level of the year in Georgia as of Friday, but showers later in the week brought much-needed moisture. In Kansas, soil moisture was replenished by timely rains, improving fall crops, although in South Dakota, grasshoppers damaged row crops and dry conditions persisted. Cool weather and rain in Washington slowed small grain harvest activity, while heavy rains in Wisconsin slowed fieldwork. Although weather conditions were tolerable for crops, the heat stressed livestock and resulted in poultry losses.

The **winter wheat** crop in the 19 major producing States was 93 percent (%) harvested, 3 percentage points behind the 5-year average. In the Pacific Northwest, rainy weather slowed the wheat harvest. The wheat harvest advanced by 12 points in Washington from last week to 65% complete, 16 points behind the average. In Ohio, plowing and spraying for fall wheat began.

**Spring wheat** condition was rated as good to fair with 32% of the acreage harvested, 12 points behind normal. Spring wheat harvest increased from last week by 25 points in Minnesota and South Dakota. Spring wheat harvested in Idaho at 17% complete was 28 points behind the average.

**Corn** condition for the 17 major producing States was in mostly good to fair condition, with 49% of the acreage in or beyond the doughing stage. Corn development in the Midwest made good progress due to hot weather and adequate soil moisture, but some States were still 2 weeks behind normal. Some late-planted corn fields in southern Iowa had not yet tasseled and were stressed by the high temperatures and dry soil conditions. In Nebraska, the above-normal temperatures caused burning of lower leaves and firing of dryland corn fields. Heavy infestations of corn borer, grasshoppers, and rootworm beetles were reported in the central Great Plains. Corn doughing at 49% complete was up 22 points from last week and was 11 points behind the average. Missouri corn doughing approached the halfway mark and was behind the average by 31 points. Nebraska and Kansas corn doughing at 21 and 38% complete were over 40 points behind the average. Grey leaf spot was present in many corn fields, with certain hybrids severely affected. The recent weather was suitable for grey leaf spot development, leaving late-planted fields most vulnerable to damage from grey leaf spot. Thirteen percent of the acreage had reached the denting stage, 12 points behind the average. Corn denting was behind the average by over 25 points in Kansas and Missouri. In Wisconsin, some poor pollination and European corn borer problems were reported.

**Cotton** setting bolls was 94% complete, up 4 points from last week and 1 point ahead of the average for the Nation. Cotton condition declined across the Southeastern States due to continued hot, dry weather that depleted soil moisture supplies. The condition of cotton fields in Georgia and Mississippi rated good to excellent, declining 18 points from last week. Cotton bolls opening was 17% complete, 3 points ahead of normal for the 14 major producing States. The extreme heat caused cotton bolls to begin opening ahead of schedule in early-planted fields, pushing Georgia cotton boll opening to 39% complete, 28 points ahead of normal. Some worm-damaged cotton

fields in Alabama had poor fruit set on the top of the plants, causing cotton regrowth that can create defoliation problems later in the season. Producers in the Delta and Southeast continued spraying for insects, while California cotton fields were treated for aphids, lygus, mites, and worms. Defoliation was underway in California's desert counties and parts of southern Georgia, where some farmers have started picking a few fields. High temperatures and timely rains benefited cotton in the Texas High Plains, while the rain hampered harvest activity in south Texas and affected the quality of defoliated cotton.

**Sorghum** condition declined slightly from the hot weather with 71% of the sorghum acres headed, 9 points behind normal. Sorghum headed in Illinois at 65% complete was up 48 points from last week, while Missouri at 61% complete was 22 points behind normal. Twenty-eight percent of the Nation's sorghum acreage was turning color, with sorghum coloring in Kansas and Missouri 13 points behind the average. Sorghum condition declined in Mississippi and Louisiana from the hot weather. High temperatures in Texas helped sorghum coloring, while greenbugs problems were reported on the increase.

**Rice** condition was mostly good with 90% of the crop headed, 10 points ahead of the average. Rice fields in California grew rapidly with rice headed at 70% complete, up 50 points from the previous week. Rice headed in Arkansas was 91% complete, up from last week by 12 points and ahead of the average by 15 points. Rice producers in Arkansas were draining fields for harvest. Rice harvest continued between afternoon showers in Louisiana and passed the halfway mark, leaving rice harvested 8 points ahead of the average.

**Soybean** condition was mostly good to fair with 94% of the crop blooming, 1 point ahead of the average. Soybean blooming was over 10 points behind the average in Kansas and Missouri. Extremely hot, dry weather in the Southeastern States lowered soybean conditions. Many States in the Midwest continued to report soybean progress 1 to 2 weeks behind normal, while in Indiana soybeans setting pods were reported as 5 days behind the average. Soybeans setting pods were 57% complete, up 20 points from last week but 3 points behind the average. Soybean acreage setting pods was behind the average in Kansas and Missouri by 32 and 28 points, respectively. Soybean producers in the Southeast and Delta continued scouting fields for worms and spraying soybean fields for insects. High humidity caused slow drying of soybean fields in Texas that hampered the soybean harvest.

# Crop Progress and Condition

Week Ending August 20, 1995

## Soybeans Percent Blooming

	Aug 20 1995	Prev Week	Prev Year	5-Yr Avg
AL	84	77	4	76
AR	88	77	87	75
GA	92	83	94	91
IL	94	88	96	96
IN	98	94	100	100
IA	100	97	100	98
KS	82	64	99	94
KY	86	72	87	84
LA	97	96	97	92
MI	100	99	100	97
MN	99	99	99	99
MS	97	94	95	85
MO	78	57	94	89
NE	98	91	100	99
NC	72	60	74	71
OH	100	100	100	98
SC	76	63	81	79
SD	93	85	100	93
TN	91	80	85	81
ALL	94	87	96	93

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

## Soybeans Percent Setting Pods

	Aug 20 1995	Prev Week	Prev Year	5-Yr Avg
AL	63	52	55	54
AR	59	44	69	50
GA	69	55	77	68
IL	73	44	91	85
IN	78	56	94	88
IA	92	76	100	88
KS	43	20	88	75
KY	54	36	50	45
LA	88	79	83	77
MI	96	72	73	67
MN	96	83	98	85
MS	81	76	80	61
MO	38	16	80	66
NE	69	38	99	84
NC	45	29	51	47
OH	84	73	90	87
SC	46	33	49	43
SD	73	44	96	79
TN	61	46	50	47
ALL	74	54	87	77

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

## Corn Percent Dough

	Aug 20 1995	Prev Week	Prev Year	5-Yr Avg
CO	12	1	53	40
GA	100	100	100	100
IL	63	41	84	77
IN	72	44	83	76
IA	36	8	74	44
KS	38	19	94	83
KY	85	75	91	83
MI	24	6	19	20
MN	42	11	46	37
MO	48	34	91	79
NE	21	6	94	71
NC	96	94	92	91
OH	73	55	83	72
PA	61	45	52	41
SD	24	3	68	47
TX	93	90	93	93
WI	59	30	49	36
ALL	49	27	75	60

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

## Corn Percent Dented

	Aug 20 1995	Prev Week	Prev Year	5-Yr Avg
CO	0	NA	0	0
GA	100	NA	100	99
IL	17	NA	35	34
IN	13	NA	20	25
IA	7	NA	27	16
KS	8	NA	51	42
KY	55	NA	54	50
MI	2	NA	4	4
MN	4	NA	7	7
MO	23	NA	65	49
NE	0	NA	44	22
NC	89	NA	81	79
OH	11	NA	22	23
PA	9	NA	6	8
SD	1	NA	18	14
TX	75	NA	79	80
WI	12	NA	9	9
ALL	13	NA	30	25

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

## Cotton Percent Setting Bolls

	Aug 20 1995	Prev Week	Prev Year	5-Yr Avg
AL	100	99	91	96
AZ	99	98	100	100
AR	100	100	100	100
CA	98	95	100	100
GA	100	98	100	100
LA	100	100	100	98
MS	100	100	100	100
MO	100	99	100	100
NM	94	90	99	96
NC	97	92	93	92
OK	86	68	95	90
SC	95	91	99	99
TN	100	100	100	100
TX	86	80	94	85
ALL	94	90	97	93

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

## Cotton Percent Bolls Opening

	Aug 20 1995	Prev Week	Prev Year	5-Yr Avg
AL	7	3	5	9
AZ	32	26	59	43
AR	15	3	4	3
CA	5	3	9	9
GA	39	17	4	11
LA	23	19	13	19
MS	22	6	22	12
MO	2	0	4	3
NM	3	0	10	7
NC	6	3	14	9
OK	0	0	3	3
SC	7	1	2	7
TN	1	0	1	4
TX	20	17	19	18
ALL	17	11	14	14

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

# Crop Progress and Condition

Week Ending August 20, 1995

Sorghum Percent Headed				
	Aug 20 1995	Prev Week	Prev Year	5-Yr Avg
AR	97	96	97	90
CO	55	33	59	58
IL	65	17	91	81
KS	56	23	94	71
LA	96	96	100	97
MS	100	98	100	95
MO	61	49	95	83
NE	66	22	98	83
NM	40	30	62	71
OK	49	41	81	69
SD	61	48	91	66
TX	94	91	93	90
ALL	71	49	93	80

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

Sorghum Percent Coloring				
	Aug 20 1995	Prev Week	Prev Year	5-Yr Avg
AR	59	35	74	60
CO	4	0	6	8
IL	2	0	34	26
KS	1	0	24	14
LA	75	70	84	82
MS	71	67	84	70
MO	22	11	48	35
NE	1	0	24	13
NM	1	0	3	8
OK	9	8	37	25
SD	7	5	23	15
TX	78	76	74	73
ALL	28	26	42	35

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

Spring Wheat Percent Harvested				
	Aug 20 1995	Prev Week	Prev Year	5-Yr Avg
ID	17	6	62	45
MN	57	32	40	49
MT	26	4	47	30
ND	20	8	32	40
SD	73	48	89	75
ALL	32	15	44	44

These 5 States produced 98% of the 1994 spring wheat crop.

Rice Percent Headed				
	Aug 20 1995	Prev Week	Prev Year	5-Yr Avg
AR	91	79	94	76
CA	70	20	76	67
LA	94	89	93	91
MS	97	90	96	79
TX	97	95	100	96
ALL	90	75	92	80

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

Rice Percent Harvested				
	Aug 20 1995	Prev Week	Prev Year	5-Yr Avg
AR	0	0	3	3
CA	0	0	0	0
LA	54	33	40	46
MS	5	0	3	2
TX	39	25	45	41
ALL	15	9	14	15

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

Winter Wheat Percent Harvested				
	Aug 20 1995	Prev Week	Prev Year	5-Yr Avg
AR	100	100	100	100
CA	99	99	99	99
CO	100	98	100	100
GA	100	100	100	100
ID	41	25	87	63
IL	100	100	100	100
IN	100	100	100	100
KS	100	100	100	100
MI	100	100	100	99
MO	100	100	100	100
MT	40	16	90	62
NE	100	99	100	100
NC	100	100	100	100
OH	100	100	100	100
OK	100	100	100	100
OR	85	79	97	88
SD	100	99	100	96
TX	100	100	100	100
WA	65	53	98	81
ALL	93	91	99	96

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

Soybeans Crop Condition by Percent					
State	VP	P	F	G	EX
AL	2	13	68	16	1
AR	1	4	31	49	15
GA	1	20	50	29	0
IL	1	7	31	54	7
IN	1	6	30	55	8
IA	1	6	25	50	18
KS	0	3	32	58	7
KY	0	2	24	49	25
LA	0	7	35	53	5
MI	1	4	18	49	28
MN	1	5	23	52	19
MS	3	11	30	43	13
MO	2	13	40	39	6
NE	5	22	41	31	1
NC	2	8	45	42	3
OH	2	7	25	48	18
SC	0	4	57	39	0
SD	1	5	26	54	14
TN	0	1	19	54	26
ALL	1	7	30	50	12
Prev Wk	1	8	29	51	11
Prev Yr	1	2	26	58	13

Spring Wheat Crop Condition by Percent					
State	VP	P	F	G	EX
ID	0	0	10	70	20
MN	10	16	41	32	1
MT	2	5	25	55	13
ND	4	10	32	51	3
SD	4	4	34	51	7
ALL	4	9	31	50	6
Prev Wk	3	8	29	51	9
Prev Yr	1	7	33	50	9

Rice Crop Condition by Percent					
State	VP	P	F	G	EX
AR	0	2	19	59	20
CA	0	0	25	75	0
LA	0	2	23	64	11
MS	0	5	23	59	13
TX	0	0	1	44	55
ALL	0	2	19	61	18
Prev Wk	0	2	19	63	16
Prev Yr	0	0	14	80	6

## State Summaries of Weather and Agriculture

*These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service.*

**ALABAMA:** Rainfall 0.03 to 2.04 in. north; none to 1.97 in. central; 0.03 to 2.36 in. south. Temperatures 4 to 10° above normal statewide. Lows 65 to 73° north, 69 to 73° central; 63 to 73° south. Highs 97 to 104° north, 95 to 107° central; 98 to 103° south.

Days suitable for fieldwork 6.3. Topsoil 25% very short, 44% short, 30% adequate, 1% surplus. Corn mature 80%, 61% 1994, 68% avg.; harvested 20%, 19% 1994, 28% avg.; 5% very poor, 17% poor, 57% fair, 19% good, 2% excellent. Sorghum turning color 36%, 31% 1994, 34% avg.; harvested 5%, 6% 1994, 9% avg.; 3% very poor, 19% poor, 62% fair, 16% good. Peanut 15% poor, 44% fair, 38% good, 3% excellent. Livestock 1% very poor, 16% poor, 58% fair, 22% good, 3% excellent. Activities: Harvesting corn, vegetables. Cultivating, spraying crops. General care of livestock, poultry, catfish.

**ALASKA:** Matanuska Valley, Kenai Peninsula enjoyed mostly sunny skies, while the Tanana Valley received rain on nearly a daily basis.

Days suitable for harvesting hay or grain 3. Barley 95% ripe; 5% swathed, 5% swathed 1994, 65% harvested. Oats 45% ripe, 0% swathed, 65% ripe, 5% swathed, 5% harvested 1994. First crop hay harvest 100% complete. Second crop hay harvest had not yet begun. Commercial vegetable harvest continues. Soil moisture 20% short, 80% adequate.

**ARIZONA:** Temperatures 14° below to 3° above normal. Extremes 46°; 99° higher elevations; 60°; 114° deserts. Widespread precipitation again, all stations except Kingman, Yuma; 0.02 in. to 2.08 in.

Cotton harvest begins Yuma County; monsoons continue. Alfalfa 21% fair, 62% good, 17% excellent. Harvest 44% light, 10% moderate, 30% active, 16% between cuttings. Cantaloupe, honeydew, watermelon, chili peppers, carrots, green onions, parsley, cabbage shipped by central growers. Tomatoes available eastern areas. Lemon harvest progressed western groves. Apple harvest continued eastern areas.

**ARKANSAS:** Temperatures 6 to 9° above normal with hot, dry conditions statewide. Extremes 67°; 108°. Precipitation none to 0.36 in.

Days suitable for fieldwork 7. Soil moisture 87% short, 11% adequate, 2% surplus. Main farm activities: Applying mid-season fertilizers, fungicides, insecticides, scouting, draining rice, irrigating crops, harvesting hay. Cotton, soybean fields in Poinsett county were damaged by thunderstorms caused by hurricane Erin. Producers in several counties were draining rice fields for harvest. Several counties reported corn, sorghum harvest. Peach harvest ongoing in Johnson, Faulkner counties. Faulkner county also reported apple harvest. Watermelon harvest continued in Hempstead, Crawford counties. Tomato fields were being cleaned in Bradley county. Little River, Pike county producers selling cattle due to drought. High temperatures caused stress to poultry in several counties. Hay harvest continued.

**CALIFORNIA:** Weak low pressure provided some cooling, little rain, far north coast. Field activities progressed normally under clear skies. Rice, cotton, corn, other row crops grew rapidly; cotton development remained behind normal. Straw baled, small grain stubble. Ground preparation fall-seeded small grains ongoing. Cotton treated for aphids, lygus, mites, worms. Defoliation underway, desert counties. Corn, dry beans, grain sorghum sprayed for insects, worms, weeds. Blackeye bean harvest began, southern San Joaquin Valley. Corn silage harvest, full swing, Tulare County. Over-wintered sugarbeets harvested, central, northern counties; new crop fields treated for worms. Safflower harvest active, Sacramento, San Joaquin valleys. Alfalfa, sudangrass, cut for hay, greenchopped. Some alfalfa sprayed for weevils,

armyworms. Several table grape varieties harvested, Fresno, Tulare, Kern counties. Stone fruit harvest active, Sacramento, San Joaquin valleys. Prune harvest continued, Fresno, Sutter counties. Gala, Royal Gala, Fuji apple harvest, active, Fresno; Gravenstein harvest, virtually complete, Sonoma. Bartlett pear picking continued, Lake, Mendocino counties; winding down, Sacramento County. Persimmons, pomegranates, quince sized normally. Pomegranate crop, lighter than normal. Nonpareil variety almond harvested; reported light crop. Walnut orchards sprayed for codling moth, huskfly. Avocados, olives sized normally. Valencia orange, grapefruit, lemon harvests continued. New crop navels sized nicely. Scale control continued, citrus groves. Broccoli, cauliflower harvested, Monterey, San Luis Obispo counties. Harvest, carrots continued, Kern County. Celery harvested, Monterey, Ventura, San Luis Obispo counties. Garlic harvest continued, Kern County. Lettuce fields, Monterey, San Luis Obispo counties, harvested. Melons picked, Sacramento, San Joaquin, desert valleys. Onions harvested, San Joaquin Valley. Bell peppers, chili peppers harvested, desert areas, San Joaquin Valley. Sweet corn harvested, Sacramento, San Joaquin valleys, desert areas. Sweet potato harvest, Merced County commenced. Harvest fresh market tomatoes continued, Sacramento, San Joaquin valleys. Worm problem, Merced County. Processing tomato harvest, full swing, San Joaquin, Sacramento valleys. Broccoli, lettuce, cabbage for fall harvest planted, west side Fresno County. Imperial Valley ground prepared, fall vegetable crops. Other crops harvested: oriental vegetables, cherry tomatoes, eggplant, gourds, green beans, green onions, okra, radishes, peas, squash, spinach, tomatillos, turnips, zucchini. Dryland ranges, pastures continued drying, declining, quality, content. Extreme fire hazard conditions persisted. Water supplies adequate. Supplemental feeding increased. Sheep grazed wheat stubble, some areas. Cattle, sheep, good condition. Fall calving started, northern areas.

**COLORADO:** Most of the week was hot with temperatures above normal. Cold front moved into the State on the 18th lowering temperatures to normal levels. Precipitation occurred at various times during the week with widely scattered thunderstorms dropping 0.01 to 0.25 in. of moisture. Heaviest amounts of rain fell on 18th in the Denver metro area with accumulations up to 2.00 in.

Days suitable for fieldwork 6.7. Topsoil 18% very short 40% short, 42% adequate. Subsoil 11% very short, 41% short 48% adequate. Spring wheat 94% turning color, 99% 1994, 88% avg.; 35% harvested, 75% 1994, 34% avg.; 6% poor, 23% fair, 54% good, 17% excellent. Spring barley 84% turning color, 90% 1994, 94% avg.; 30% harvested, 70% 1994, 60% avg.; 7% poor, 18% fair, 60% good, 15% excellent. Oats 82% turning color, 100% 1994, 86% avg.; 40% harvested, 79% 1994, 65% avg.; 4% poor, 27% fair, 54% good, 15% excellent. Corn 85% silked, 90% 1994, 86% avg. Dry onions 11% harvested, 32% 1994, 23% avg.; 1% poor, 2% fair, 48% good, 49% excellent. Sugarbeets 1% poor, 31% fair, 54% good, 14% excellent. Summer potatoes 15% harvested, 43% 1994, 34% avg.; 6% poor, 18% fair, 55% good, 21% excellent. Fall potatoes 7% poor, 23% fair, 52% good, 18% excellent. Dry beans 90% flowered, 92% 1994, 87% avg.; 0% cut, 3% 1994, 3% avg.; 2% poor, 19% fair, 59% good, 20% excellent. Alfalfa 90% 2nd cutting, 83% 1994, 73% avg.; 8% 3rd cutting, 22% 1994, 16% avg.; 1% very poor, 4% poor, 31% fair, 54% good, 10% excellent. Livestock mostly good to excellent.

**FLORIDA:** Temperatures 5 to 8° above normal Panhandle, 2 to 5° elsewhere in State. Lows: low 70s. Highs: low 100s Panhandle, Big Bend, interior central Peninsula, upper 90s elsewhere. Rain fell 1 to 3 days. Rainfall 1.00 to 3.00 in. Typical north, generally under 0.33 in. elsewhere.

Weekend rains replenished topsoil moisture northeast, central localities; topsoil moisture adequate over State. Subsoil moisture mostly adequate. Peanut excellent, limited digging beginning. Damage to cotton from Hurricane Erin in western Panhandle minor to severe, armyworms causing some damage. Some cotton squaring. Haymaking, corn picking continued. Virtually all tobacco harvesting finished, marketing active into October. Soybeans, sugarcane in mostly good condition. Planting of carrots, other vegetables gaining momentum, Zellwood. Quincy tomatoes growing well despite high temperatures. Dry weather in some southwestern localities slowed planting, some growers irrigating fields to keep on schedule. Southwestern tomatoes in good condition. Palmetto-Ruskin tomatoes in fair condition with high temperatures stressing some plants. Cucumbers in West Central fields in fair to good condition as planting gets underway. Watermelons in Palmetto-Ruskin in fair condition, planting gaining momentum. Cherry, plum tomato planting started, west central area. East coast producers started tomato planting, continued planting peppers, eggplant. Hot, dry weather hampering fieldwork, north central localities. Hottest week of the year, few afternoon rains. One large storm on the West Coast 15th night. In grove temperatures very high, abundant new growth. New crop fruit progressing well. Testing of new crop grapefruit for early harvest continues. One packing house has fruit to be shipped the week of 21st. Caretakers cutting cover crops, spraying, fertilizing, planting new trees. Pasture feed fair 25%, good 70%, excellent 5%. Some difficulty with armyworms. Ranchers watching for foot-rot in areas with standing water. Cattle fair 20%, good 70%, excellent 10%. Weight on cattle good.

**GEORGIA:** Temperatures 5 to 10° above normal. Warmest low to mid 90s mountains, mostly 99 to 103° elsewhere. Coolest upper 60s to low 70s most locations, except low to mid 60s mountains, few isolated mid 70s near coast. Rain on 1 to 3 days during week. Many stations reported less than 0.50 in. some locations received between 1.00 to 3.30 in.

Days suitable for fieldwork 6.5. Soil moisture 62% very short, 35% short, 3% adequate. Extremely high temperatures, dry conditions. Most crops badly stressed. Corn, cotton, peanuts maturity all advancing quickly. High heat caused decrease in field activity, increased hay feeding to cattle. Poultry deaths increasing due to heat. Corn 100% mature, 96% 1994, 95% avg.; 49% harvested for grain, 26% 1994, 31% avg. Hay 4% very poor, 35% poor, 46% fair, 15% good. Peanuts 30% poor, 52% fair, 18% good; 1% dug, 0% 1994, 1% avg. Sorghum 16% poor, 68% fair, 16% good; 16% harvested for grain, 4% 1994, 3% avg. Soybeans 2% dropping leaves, 2% 1994, 1% avg. Tobacco 6% poor, 69% fair, 25% good; 92% harvested, 90% 1994, 84% avg. Watermelons 99% harvested, 99% 1994, 98% avg. Vegetables 1% very poor, 26% poor, 57% fair, 16% good. Apples 6% poor, 32% fair, 62% good; 18% harvested, 15% 1994, 25% avg. Pecans 17% poor, 78% fair, 5% good. Cattle 13% poor, 43% fair, 44% good. Hogs 10% poor, 36% fair, 54% good. Activities: Caring for livestock, poultry, working with irrigation.

**HAWAII:** Showers were confined mostly to windward, upper elevations. Trade winds turned from moderate to light by weekend. Warm temperatures at start of week, turned hot by the weekend. Temperatures high 60° to mid 90°. Rainfall none to 2.20 in.

Days suitable for fieldwork 7.0. Sugarcane, pineapple harvesting active. Irrigation remained heavy major vegetable growing areas.

**IDAHO:** Temperatures 13° below normal to 1° above normal. Most areas well below normal. Much of the east experienced a frost for the second week in a row. Extent of crop damage is not yet known. Precipitation 0.16 to 1.07 in. north, none to 0.19 in. southwest, none to 0.02 in. southcentral, none to 0.61 in. southeast. Extreme 30°; 99°.

Days suitable for fieldwork 6.0. Topsoil 4% very short, 14% short, 76% adequate, 6% surplus. Irrigation water supplies 2% fair, 53% good, 45% excellent. Alfalfa hay second cutting 75%, 91% 1994, 82% avg.; third cutting 14%, 17% 1994, 16% avg. Dry beans harvested 1%, 5%

1994, 7% avg. Dry peas harvested 40%, 85% 1994, 71% avg. Mint first cutting 74%, 98% 1994, 90% avg. Oats harvested 14%, 67% 1994, 51% avg. Onions harvested 3%, 10% 1994, 10% avg. Peaches harvested 38%, 68% 1994, 61% avg. Plums, prunes harvested 10%, 10% 1994, 20% avg. Potatoes turning 42%, 65% 1994, 47% avg. Potatoes vines dying/killed 11%, 23% 1994, 17% avg. Potato 3% poor, 15% fair, 71% good, 11% excellent. Spring barley turning color 91%, 100% 1994, 89% avg.; harvested 22%, 67% 1994, 47% avg.; 2% poor, 12% fair, 65% good, 21% excellent. Spring wheat turning color 92%, 100% 1994, 87% avg. Winter wheat harvested 41%, 87% 1994, 63% avg.; 3% poor, 19% fair, 53% good, 25% excellent. Activities: Irrigating, fertilizing, applying pesticides, harvesting winter wheat, spring wheat, barley, dry peas, fruit, cutting mint, alfalfa.

**ILLINOIS:** Temperatures 8 to 12° above normal. Highs upper 80s to mid 90s. Lows were generally in the low to mid 70s. Rainfall was quite variable 0.10 in. or less to over 2.00 in. northern part of the State.

Days suitable for fieldwork 5.1. Topsoil 1% very short, 14% short, 79% adequate, 6% surplus. Hot, humid weather coupled with adequate moisture allowed for rapid corn, soybean development last week. Most crops, especially soybeans, are still one to three weeks behind normal. Weather conditions last week, while good for crops, was hard on livestock. Heat stress on livestock was causing poor weight gain, reduced milk production, required farmers to more actively manage their herds. Corn less than one percent mature, 2% 1994, 5% avg. Soybeans less than 1% turning yellow, 4% 1994, 6% avg. Sorghum 2% coloring, 34% 1994, 26% avg. Oats 96% harvested, 100% 1994, 98% avg. Alfalfa 32% third cutting, 63% 1994, 49% avg.; 3% poor, 24% fair, 63% good, 10% excellent.

**INDIANA:** Unseasonably warm, humid weather continued across the State. High temperatures upper 80s to the low 90s. That is 6 to 9° above normal over much of the State. Low temperatures were in the 70s. That is commonly 10 to 12° above normal. In these warm conditions, growing degree day totals were 25 to 50° above normal for the seven days. Totals for the season, since April 1st, range from around 2300 north to as much as 3000 in parts of the extreme south. Season totals are generally 150 to over 200 above normal. Precipitation was variable, heaviest in the north where totals exceeded 2.00 in. at a few locations. Less than an inch was common in the south half of the State with some areas reporting less than a half inch of rain. Totals for the last four weeks range from 2.50 to 4.50 in. over much of the State. Totals fall short of normal in much of central part of the State, are at or above normal in the north, south.

Days suitable for fieldwork 6.1. Topsoil 8% very short, 26% short, 59% adequate, 7% surplus. Subsoil 5% very short, 26% short, 64% adequate, 5% surplus. Alfalfa third cutting continues. Harvesting of tobacco has begun in southern areas. Activities: Equipment maintenance, baling hay mowing fence rows, preparing for the fall harvest.

**IOWA:** Hot, humid workweek then mild, dry over weekend. Temperatures 3° above normal west to 7° above normal east. Extremes 52°; 96°. Rainfall only trace Dubuque to 3.63 in. Lowden (both east central); state average 0.69 in., (normal 0.91 in.).

Days suitable for fieldwork 4.5. Topsoil short 23%, adequate 69%, surplus 8%. Subsoil moisture short 18%, adequate 76%, surplus 6%. Hot, humid weather continued across State last week speeding up crop development, also causing stress to crops that lack moisture. Scattered rains last week provided some relief, crops are still in need of rain. Overall, crops appear in good shape; however, in the southern area of State some corn has yet to tassel, is uneven, late-planted corn, soybeans are being stressed by lack of rain. Corn in or past milk stage 86%, 96% 1994, 79% avg. All hay 2% very poor, 7% poor, 28% fair, 53% good, 10% excellent; alfalfa hay second cutting 93%, 100% 1994, 95% avg.; third cutting 15%, 37% 1994, 25% avg. Clover hay second cutting 74%, 86% 1994, 77% avg. Livestock in mostly fair to good. Heat, humidity continue to stress livestock resulting in poor weight

gains, some death loss. Flies, pinkeye continue to be a problem for cattle.

**KANSAS:** Temperature 2 to 6° above normal over the State. Precipitation was light in the western, southeastern districts, moderate to heavy in the remaining areas.

Days suitable for fieldwork 5.1. Rains were received in the central, northeast replenishing soil moisture for fall crops which were becoming stressed by lack of moisture. Topsoil 4% very short, 31% short, 60% adequate, 5% surplus. Subsurface moisture 2% very short, 14% short, 81% adequate, 3% surplus. Fall crops remain well behind normal progress. Hot, humid weather continues to stress livestock. Alfalfa cut the third time 90%, 96% 1994, 81% avg. Cut the fourth time 10%, 23% 1994, 14% avg.

**KENTUCKY:** Hot, humid, drier than normal. Highs low to mid 90s, 6 to 10° above normal. Lows lower to middle 70s, 5 to 10° above normal. Rainfall below normal except a few heavy thunderstorms southeast.

Days suitable fieldwork 5.8. Topsoil 12% very short, 35% short, 50% adequate, 3% surplus. Subsoil adequate to short. Hot humid conditions stressed crops. Tobacco 1% very poor, 10% poor, 38% fair, 45% good, 6% excellent. Burley 18% cut, dark tobacco 36% cut. Blue mold activity slowed with dry weather Black shank a problem in some areas. Weather conditions not ideal for curing. Most crops need moisture, relief from the heat.

**LOUISIANA:** Temperatures 1 to 5° above normal. Extremes 68°; 103° Rainfall 0.01 in. northwest to 1.42 in. southwest.

Days suitable for fieldwork 5.7. Soil moisture 6% very short, 29% short, 56% adequate, 9% surplus. Corn 4% very poor, 11% poor, 32% fair, 45% good, 8% excellent; 99% mature, 95% 1994, 95% avg.; 50% harvested, 41% 1994, 49% avg. Corn producers continued harvesting. Cotton growers were forced to take extra insect control measures as insect pressure continued to build. Hay 67% second cutting, 42% 1994, 42% avg. Peaches 100% harvested, 99% 1994, 97% avg. Rice 69% ripe, 63% 1994, 63% avg.; harvest continued between afternoon showers. Sorghum 38% ripe, 49% 1994, 52% avg.; 10% harvested, 18% 1994, 22% avg.; producers continued harvesting. Soybeans 8% coloring, 4% 1994, 5% avg. 4% shedding, 1% 1994, 0% avg.; growers were busy scouting fields for worms and taking disease control measures. Sugarcane 1% very poor, 5% poor, 15% fair, 59% good, 20% excellent; 4% planted, 10% 1994, 5% avg. A few sugarcane producers began planting, while spraying for borers continued. Sweet potatoes 1% poor, 21% fair, 72% good, 6% excellent; 3% harvested, 13% 1994, 14% avg. Vegetables 4% very poor, 16% poor, 43% fair, 35% good, 2% excellent. Vegetable producers were active preparing ground for fall, winter planting. Livestock 4% poor, 25% fair, 63% good, 8% excellent. Cattlemen continued to market spring calves.

**MARYLAND:** Precipitation 0.26 in. normal 1.05 in. Temperature 81.9°, normal 75.1°. Extremes 62°; 98°. Low temperatures in the low 60s to low 70s. Highs mainly in the 90s.

Days suitable for fieldwork 6.8. Topsoil 24% very short, 51% short, 25% adequate. Subsoil 15% very short, 47% short, 38% adequate. Corn 12% very poor, 18% poor, 29% fair, 37% good; 4% excellent; 65% dough, 62% 1994, 65% avg.; 36% dented, 27% 1994, 34% avg.; 6% mature, 2% 1994, 5% avg.; 5% silage harvested, 1% 1994, 7% avg. Soybeans 8% very poor, 14% poor, 29% fair, 43% good, 6% excellent; 82% bloomed, 86% 1994, 82% avg.; 57% setting pods, 58% 1994, 57% avg. Sorghum 6% very poor, 16% poor, 66% fair, 10% good, 2% excellent; 82% headed, 98% 1994, 91% avg.; 7% turning color, 0% 1994, 15% avg. Tobacco 13% poor, 37% fair, 41% good, 9% excellent; 90% topped, 62% 1994, 58% avg.; 54% harvested, 15% 1994, 20% avg. Other hay 93% 2nd cutting, 83% 1994, 77% avg.; 22% 3rd cutting, 39% 1994, 24% avg. Alfalfa hay 82% 3rd cutting, 87% 1994, 76% avg.; 6% 4th cutting, 9% 1994, 8% avg. Cantaloupes 74% harvested, 88% 1994, 79% avg. Potatoes 80% harvested, 98% 1994, 83% avg. Sweet corn 67% harvested, 81% 1994, 78% avg. Tomatoes

63% harvested, 75% 1994, 73% avg. Watermelons 72% harvested, 82% 1994, 76% avg. Apples 1% poor, 6% fair, 57% good, 36% excellent; 5% harvested, 11% 1994, 13% avg. Peaches 1% poor, 12% fair, 74% good, 13% excellent; 62% harvested, 82% 1994, 71% avg. Hay supplies mostly adequate. Activities: Harvesting of vegetables, haymaking.

**DELAWARE:** Precipitation 0.05 in. normal 1.13 in. Temperature 81.0°, normal 75.4°. Extremes 69°; 94°. High temperatures 90s. Lows in the upper 60s to low 70s.

Days suitable for fieldwork 6.8. Topsoil 47% very short, 41% short, 12% adequate. Subsoil 33% very short, 59% short, 8% adequate. Corn 16% very poor, 33% poor, 35% fair, 16% good; 78% dough, 76% 1994, 70% avg.; 53% in dent, 31% 1994, 35% avg.; 20% harvested for silage, 10% 1994, 12% avg. Soybeans 16% very poor, 22% poor, 24% fair, 38% good; 89% bloomed, 87% 1994, 81% avg.; 63% setting pods, 39% 1994, 35% avg. Sorghum 9% very poor, 28% poor, 30% fair, 33% good; 77% headed, 83% 1994, 78% avg.; 6% turning color, 0% 1994, 8% avg. Other hay 58% 3rd cutting, 46% 1994, 42% avg. Alfalfa hay 95% 3rd cutting, 96% 1994, 81% avg. Cantaloupes 83% harvested, 85% 1994, 78% avg. Potatoes 83% harvested, 69% 1994, 65% avg. Sweet corn 86% harvested, 90% 1994, 79% avg. Tomatoes 59% harvested, 69% 1994, 62% avg. Watermelons 74% harvested, 58% 1994, 63% avg. Apples 12% fair, 88% good; 23% harvested, 14% 1994, 17% avg. Peaches 9% fair, 91% good; 76% harvested, 81% 1994, 80% avg. Hay supply mostly adequate. Vegetable harvest, haymaking.

**MICHIGAN:** Extremes 47°; 95°. Precipitation 0.02 to 6.56 in. across the State. Temperatures above normal with heavy precipitation. Rain was welcomed.

Days suitable for fieldwork were 3.5. Crops improved with hot temperatures, rain. Rains slowed hay harvest. Topsoil 1% very short, 3% short, 66% adequate, 30% surplus. Subsoil 3% very short, 13% short, 66% adequate, 18% surplus. Corn in milk, 85%, 90% 1994, 66% avg.; silked 99%, 100% 1994, 98% avg. Drybeans setting pods 95%, 85% 1994, 74% avg.; turning leaves 11%, 7% 1994, 12% avg.; 1% very poor, 4% poor, 21% fair, 52% good, 22% excellent. Soybeans setting pods 96%, 75% 1994, 69% avg.; turning leaves 2%, 7% 1994, 3% avg.; 1% very poor, 4% poor, 18% fair, 49% good, 28% excellent. All hay, second cutting 88%, 80% 1994, 80% avg.; third cutting 20%, 20% 1994, 19% avg.; 2% very poor, 5% poor, 19% fair, 56% good, 18% excellent. Potatoes harvested 40%, 40% 1994, 32% avg. Oats, harvested 75%, 55% 1994, 63% avg.; 4% very poor, 16% poor, 36% fair, 41% good, 3% excellent.

**MINNESOTA:** Temperatures 2 to 6° above normal for the State. Extremes 48°; 96°. Precipitation 0.34 to 1.08 in. above normal for the northern one third of the State, 0.08 to 0.30 in. above normal for the east central, central part of the State, 0.39 in. below normal for the west central, 0.17 to 0.44 in. below normal for the south central, southwest, 0.24 in. above normal for the southeast part of the State. Greatest weekly total was 2.59 in.

Days suitable for fieldwork 4.8. Topsoil 15% very short, 13% short, 60% adequate, 12% surplus. Spring wheat harvested 57%, 40% 1994, 49% avg. Oats harvested 51%, 88% 1994, 78% avg. Barley harvested 46%, 69% 1994, 66% avg. Corn in milk 88%, 96% 1994, 72% avg. Corn in the dough 42%, 66% 1994, 40% avg. Corn denting 4%, 7% 1994, 7% avg. Soybean 96% setting pods, 97% 1994, 84% avg. Soybeans turning yellow 3%, 4% 1994, 4% avg. Winter Wheat harvested 73%, 86% 1994, 85% avg. Rye harvested 84%, 93% 1994, 84% avg. Sweet corn harvested for processing 20%, 47% 1994, 33% avg.

**MISSISSIPPI:** Temperatures 5° above normal. Extremes 69°; 102°. Soil temperatures 91°. Precipitation 0.26 in., 0.70 in. below normal. Rainfall was minimal during the week.

Days suitable for fieldwork 6.4. Soil moisture 12% very short, 32% short, 54% adequate, 2% surplus. Corn 100% dough, 100% 1994, 97% avg.; 95% dent, 91% 1994, 82% avg.; 69% mature, 52% 1994, 51% avg.; 17% harvested 9% 1994, 12% avg.; 62% silage harvested, 59% 1994, 63% avg.; 3% poor, 32% fair, 48% good, 17% excellent. Soybeans 97% blooming, 95% 1994, 85% avg.; 81% setting pods, 80% 1994, 61% avg.; 14% turning color, 12% 1994, 8% avg.; 3% very poor, 11% poor, 30% fair, 43% good, 13% excellent. Hay 85% harvested warm, NA 1994, NA avg.; 1% very poor, 11% poor, 29% fair, 51% good, 8% excellent. Peaches 98% harvested, 100% 1994, 100% avg.; 2% poor, 12% fair, 60% good, 26% excellent. Peanuts 20% fair, 73% good, 7% excellent. Sweetpotatoes 6% harvested, 16% 1994, 12% avg.; 19% fair, 77% good, 4% excellent. Watermelons 90% harvested, 92% 1994, 92% avg.; 1% very poor, 1% poor, 8% fair, 79% good, 11% excellent. Cattle rated 1% very poor, 4% poor, 24% fair, 60% good, and 11% excellent. Main activities included: Controlling insects in crops; harvesting corn, corn silage, rice, sorghum, sorghum silage, hay. Insect pressure is still a problem in cotton, increasing in other crops. Heat, dry conditions are affecting all major crops. Livestock producers need a relief from the heat. Poultry producers have lost a significant number of broilers due to the heat.

**MISSOURI:** Temperatures averaged well above normal across the State, 5° above normal at Kansas City, to 11° above normal at St. Louis. Precipitation averaged 0.87 in., ranging from 0.14 in. southeast to 2.41 in. northwest.

Days suitable for fieldwork 5.3. Topsoil 6% very short, 30% short, 57% adequate, 7% surplus. The majority of row crops remain in fair to good condition across the State. However, corn, soybean, sorghum development stages remain approximately two weeks behind normal. Corn 91% silking stage. Silking progress ranges from 76% northeast to 100% silked across the southern third of State. Dough stage development is least advanced in the northeast, where 20% is reported in this stage, while all of the southeast has reached this stage. Corn in dent stage varies from nearly all southeast to 20% or less remainder of State. Soybean pod setting progress ranges from 23% southwest to 61% south central. Sorghum heading is most advanced in the south central, southeast districts, where 99%, 96% have headed, respectively, while the remainder of the State varies from 30 to 50%. Sorghum coloring limited primarily to 28% south central, 46% southeast. Alfalfa third cutting 48%, 79% 1994, 59% avg. Other hay cut 95%, 100% 1994, 96% avg.

**MONTANA:** Temperatures were generally at or above normal except for the north central division where they were 5° cooler. Precipitation was slightly below normal.

Days suitable for fieldwork 5.0. Topsoil 4% very short, 31% short, 61% adequate, 4% surplus. Subsoil 7% very short, 31% short, 59% adequate, 3% surplus. Winter wheat 94% ripe, 99% 1994, 88% avg. Spring wheat 90% turning, 99% 1994, 89% avg. Spring wheat 52% ripe, 83% 1994, 58% avg. Barley 1% very poor, 2% poor, 15% fair, 62% good, 20% excellent; 89% turning, 99% 1994, 90% avg.; 49% ripe, 86% 1994, 64% avg.; 15% harvested, 55% 1994, 35% avg. Oats 2% very poor, 3% poor, 23% fair, 61% good, 11% excellent; 90% turning, 98% 1994, 87% avg.; 62% ripe, 83% 1994, 60% avg.; 21% harvested, 48% 1994, 33% avg. Second cutting Alfalfa hay 48%, 76% 1994, 56% avg. First cutting other hay 93%, 93% 1994, 85% avg.

**NEBRASKA:** Temperatures northwest, north central averaged slightly below normals while remainder of the State 1 to 4° above normals. Precipitation traces northwest to 2.00 in. southeast.

Days suitable for fieldwork 6.1. Topsoil 20% very short, 55% short, 25% adequate. Subsoil moisture 11% very short, 46% short, 43% adequate. Oats 98% harvested, 100% 1994, 99% avg. Dry bean 99% blooming, 100% 1994; 85% podded, 97% 1994. Above normal temperatures promoted rapid crop development last week, corn sorghum continued two to three weeks behind normal. Heavy rainfall in the southeast district helped boost dryland crop prospects. Corn burning of lower leaves, firing was occurring on dryland acreage in

numerous counties, heavy infestations of corn borer were reported in the northeastern third of the State, grasshoppers, rootworm beetles are also a problem in many areas. Warm weather conditions continued to affect cattle, hog weight gains last week.

**NEVADA:** State was under the influence of high pressure beginning the week with mostly dry, sunny weather. A cold front passed through at mid-week bringing high winds, cooler temperatures to northern, central regions. High pressure returned toward the weekend. Temperatures below normal in the north, above normal in the south. Extremes 21° Mountain City; 115° Laughlin. Precipitation 0.90 in. south central, none elsewhere.

Mostly clear skies allowed fieldwork to progress well. Small grain harvest continued in full swing in the northern producing areas. Winter wheat harvest was nearly complete. Spring wheat harvest was midway through. Harvests of barley, oats were approaching the midway point. Haying was continuous with alfalfa second cutting nearing completion in the north, fifth cutting underway extreme south. Harvest of other types of hay well along. Peas were combined in the Winnemucca area. Harvest of seed garlic remained in full swing. Onions maturing in good condition. Potato digging beginning north with crop in good condition. Field preparation for fall planting underway. Main farm, ranch activities: Haying, grain harvest, garlic harvest, irrigating, weed, insect control, working livestock.

**NEW ENGLAND:** Precipitation none to 1.08 in. north, none to 0.36 in. south. Temperatures 65 to 75° north, 68 to 77° south. Maximum temperatures 87 to 94° north, 86 to 96° south. Minimum temperatures 39 to 58° north, 38 to 55° south.

Days suitable for fieldwork 7.0. Topsoil 17% very short, 33% short, 49% adequate, 1% surplus. Subsoil 18% very short, 39% short, 43% adequate. Maine potatoes <5% harvested, condition fair/good. Rhode Island potatoes <5% harvested, 20% 1994, 15% avg., condition good. CT River Valley potatoes 25% harvested, 20% 1994, 15% avg., condition good. Maine oats 50% harvested, 35% 1994, 15% avg., condition good/fair. Maine barley 80% harvested, condition good/fair. Field corn condition good. Sweet corn, 60% harvested, 55% 1994, 55% avg., condition good/fair. Shade tobacco 80% harvested, 65% 1994, condition good/fair. Outdoor tobacco 80% harvested, 60% 1994, condition good/fair. First hay crop 99% harvested, 100% 1994, 100% avg., condition good/excellent. Second cut hay 75% harvested, 70% 1994, 65% avg., condition good/fair. Third cut hay 20% harvested, 20% 1994, 20% avg.; condition good. Apples set avg., size avg., 10% harvested, condition good. Peaches set avg., size avg., 50% harvested, 40% 1994, condition good. Pears set avg., size avg., 15% harvested, 5% 1994, condition good/fair. Cranberries set above avg., size avg., condition excellent/good. Highbush blueberries set avg., size avg, 70% harvested, 80% 1994, condition good. Wild blueberries set avg./above avg., size below avg., 75% harvested, 70% 1994, condition good. The past week proved to be one of the best weeks in memory for the harvest of vegetables, tobacco, hay. Small yields expected in potatoes but quality looks excellent. Major farm activities: Harvesting field crops, curing of tobacco, harvesting fruits, vegetables, preparing equipment for silage corn harvest.

**NEW JERSEY:** Temperatures much above normal. Extremes 43°; 94°. Rainfall 0.63 in. North, 0.04 in. Central, none in. South. Heaviest 24 hour total 1.54 in. on the 14th to 15th. Estimated soil moisture, in percent of field capacity, averaged 70% North, 49% Central, 32% South.

Days suitable for field work 7. Topsoil moisture reported as short. Good volume of eggplant, peppers, squash, tomatoes, sweet corn. Moderate supply of green beans, cucumbers, cantaloupe, beets, okra, watermelon. Limited volume of herbs, parsley, leeks, spinach, escarole. The condition of the corn, soybean crops is reported mostly as good. Third cuttings of hay are occurring as weather permits. Blueberry harvest complete with volume reported as light. Good supply of peaches as the harvesting of the crop remains active. Apple harvesting is continuing throughout the State.

**NEW MEXICO:** Temperatures were slightly above normal at most locations, with statewide anomaly of plus 2°. Precipitation pattern was normal for mid-August, with tropical moisture surging northward from Mexico to fuel scattered mainly afternoon, evening showers, thunderstorms each day. Capulin measured 2.63 in. of rain, while Silver City had 2.00 in. Ruidoso, Roy, Gallup, Socorro, Las Vegas all collected over an inch of rain.

Days suitable for fieldwork 6.1. Soil moisture 22% very short, 47% short, 27% adequate, 4% surplus. Alfalfa 1% poor, 24% fair, 60% good, 15% excellent. Corn 10% poor, 13% fair, 73% good, 4% excellent. Cotton 1% poor, 32% fair, 52% good, 15% excellent; 94% setting bolls, 99% 1994, 96% avg. Sorghum 29% very poor, 27% poor, 21% fair, 22% good, 1% excellent; 40% headed, 62% 1994, 71% avg.; 1% coloring, 3% 1994, 8% avg. Chile 3% very poor, 13% poor, 29% fair, 41% good, 14% excellent. Onions 1% fair, 72% good, 27% excellent. Pecans 14% very poor, 3% poor, 30% fair, 50% good, 3% excellent. Apples 12% poor, 32% fair, 55% good, 1% excellent. Cattle 2% very poor, 7% poor, 46% fair, 39% good, 6% excellent. Sheep 1% very poor, 9% poor, 56% fair, 32% good, 2% excellent.

**NEW YORK:** Warm, dry week. Temperatures 2 to 5° above normal. Extremes 44°; 96°. Thunderstorms produced the only rain. Amounts were very varied. About half of the reporting stations received no rainfall at all.

Days suitable for fieldwork 6.6. Soil moisture mostly short. Corn is fair to good condition. Crop beginning to dent. Hay is fair to good condition. Alfalfa second cutting 95% done, 84% 1994, 82% avg. Third cutting 30% complete, 51% 1994, 29% avg. Early potato harvest underway. Late potatoes in bloom. Dry beans need moisture to fill pods. Vegetable harvest in full swing. Processors trying to keep up with supply. Cabbage for kraut harvest underway. Orange County onion harvest gained momentum.

**NORTH CAROLINA:** Despite the presence of Hurricane Felix off the coastline, there was very little rainfall. Most areas experienced high heat, humidity during the last week. The lack of rain is beginning to stress crops in some parts of the State. Rainfall would aid crop progress all across the State. Temperature 83°, 7° above normal. Extremes 60°; 99°. Statewide precipitation 0.03 in., 1.22 in. below normal.

Days suitable for fieldwork 6.3. Soil moisture 24% very short, 54% short, and 22% adequate. Peaches 93% harvested, 94% 1994, 92% avg. Flue cured tobacco 61% harvested, 39% 1994, 45% avg. Corn 30% cut for silage, 32% 1994, 33% avg. Sorghum 5% harvested, 10% 1994, 6% avg. Corn 60% mature, 56% 1994, 55% avg. Tobacco 92% topped, 95% 1994, 96% avg. Crop conditions remain mostly fair to good. The continued hot, dry weather has caused a slight decrease in overall condition. Apples 2% very poor, 3% poor, 12% fair, 65% good, 18% excellent; peaches 1% poor, 10% fair, 82% good, 7% excellent; truck crops 22% very poor, 16% poor, 23% fair, 38% good, 1% excellent; peanuts 6% poor, 49% fair, 43% good, 2% excellent; sorghum 4% poor, 45% fair, 50% good, 1% excellent; sweetpotatoes 4% very poor, 7% poor, 22% fair, 65% good, 2% excellent; hay 2% very poor, 12% poor, 42% fair, 41% good, 3% excellent; tobacco in fields 1% very poor, 16% poor, 40% fair, 42% good, 1% excellent; hay, roughage supplies 1% very short, 15% short, 75% adequate, 9% surplus. Activities: harvesting, marketing flue-cured tobacco; harvesting vegetables; topping burley tobacco; cutting silage; spraying, cultivating crops; cutting hay; harvesting corn, sorghum; tending livestock; repairing equipment, general farm maintenance.

**NORTH DAKOTA:** A major storm system produced heavy rains, damaging hail in the north. Temperatures 2° above normal west central to 5° above normal northeast. Extremes 40° south central; 102° south central. Precipitation 0.05 in. south central to 1.23 in. northeast.

Days suitable for fieldwork 6. Soil moisture supplies above average. Topsoil 3% very short, 36% short, 57% adequate, 4% surplus. Subsoil 2% very short, 20% short, 73% adequate, 5% surplus. Small grain harvest continued rapidly in central and southern areas of the State, still

behind average. Hard red spring wheat 20% combined; 32% 1994; 40% avg.; durum wheat 9%; 13% 1994; 23% avg.; barley 32%; 58% 1994; 62% avg.; oats 22%; 51% 1994; 52% avg. Warm weather pushed late season crop development. Flaxseed 48% turning and beyond; 70% 1994; 66% avg.; sunflowers 20% ray flowers dried/dropped and beyond; 20% 1994; 19% avg.; potatoes 8% vines killed and beyond; 12% 1994; 11% avg.; corn for grain 15% denting and beyond; 10% 1994; 9% avg.; dry edible beans 39% lower leaves yellowing and beyond; 47% 1994, 43% avg.; soybeans 20%; 22% 1994; 18% avg. Crop condition: Durum wheat 4% very poor, 10% poor, 30% fair, 54% good, 2% excellent; barley 2%, 9%, 32%, 52%, 5%; oats 1%, 6%, 33%, 55%, 5%; flaxseed 1%, 4%, 29%, 57%, 9%; corn for grain 0%, 1%, 14%, 69%, 16%; corn for silage 0%, 1%, 29%, 60%, 10%; dry edible beans 1%, 3%, 20%, 59%, 17%; soybeans 2%, 6%, 27%, 55%, 10%; sunflower 1%, 3%, 13%, 66%, 17%; sugarbeets 0%, 2%, 10%, 67%, 21%; potatoes 0%, 0%, 5%, 64%, 31%.

**OHIO:** Hot, humid conditions were again common. Scattered showers, thunderstorms developed almost every day leaving highly variable rainfall totals. Temperatures 79 to 83°, 8 to 12° above normal. Mean maximums from upper 80s to the lower 90s, average minimums from upper 60s to the lower 70s. Many locations noted around 0.50 in. of rain with a few reports of 1.00 in. or more. These relatively damp areas were about equal in number to those lacking moisture.

Days suitable for fieldwork 5.3. Topsoil 1% very short, 15% short, 64% adequate, 20% surplus. Alfalfa hay second cutting 95% complete, third cutting 22%. Other hay second cutting 76% complete, third cutting 10%. Hay 1% very poor, 6% poor, 32% fair, 47% good, 14% excellent. Hay making hampered by pop-up showers. Plowing, spraying for fall wheat has begun. Livestock stressed by heat, isolated deaths reported.

**OKLAHOMA:** Temperatures 1.2° above normal southwest to 5.6° above normal northeast. Precipitation none in. northeast, central, east central, south central to 0.28 in. Panhandle.

Days suitable for fieldwork 6.4. Topsoil 6% very short, 44% short, 48% adequate, 2% surplus. Subsoil 5% very short, 27% short, 63% adequate, 5% surplus. Wheat 46% seedbed prepared, 41% 1994, 36% avg.; 5% planted, 3% 1994, 1% avg.; 92% milk-to-soft, 97% 1994, 97% avg.; 16% mature, 28% 1994, 33% avg.; 0% harvested, 7% 1994, 5% avg. Sorghum 4% mature, 4% 1994, 3% avg. Soybeans 79% flowering, 88% 1994, 71% avg.; 44% setting pods, 72% 1994, 41% avg.; 3% mature, 23% 1994, 7% avg. Peanuts 8% poor, 26% fair, 59% good, 7% excellent; 84% setting pods, 87% 1994, 79% avg. Alfalfa 2% poor, 22% fair, 71% good, 5% excellent; 86% 3rd cutting, 96% 1994, 93% avg.; 26% 4th cutting, 52% 1994, 30% avg. Livestock 17% fair, 78% good, 5% excellent. Steers, heifers steady to \$1.00/cwt lower.

**OREGON:** Temperatures interior western areas 1 to 2° below, eastside 3 to 9° below normal. Precipitation northwestern areas 0.50 to 0.75 in., thunderstorms northeast areas 0.25 to 0.50 in.

Days suitable for fieldwork 5.7. Topsoil 7% very short, 37% short, 56% adequate. Subsoil 3% very short, 29% short, 68% adequate. All barley harvested 46%. Haying continued, statewide. Klamath Basin spring grains turning color, light frost reported. Eastern sections potato late blight threat, treatment continues, tuber size small for this time of year. Willamette Valley: grass seed harvest mostly complete, mint harvest continued, sugarbeet seed harvest underway, green beans, beets, cucumbers continued, sweet corn harvest underway, Evergreen blackberry, peach picking continued, blueberry harvest winding down. Rogue River Valley: Bartlett pear harvest underway. Hood River Valley: Bartlett pear harvest underway, Gravenstein apple nearly completed. Southern coast: Cranberries fruit size looks good. Willamette Valley nursery industry: Crops growing well, summer maintenance programs continued, irrigation major activity. Livestock good-excellent. Summer pastures drying out.

**PENNSYLVANIA:** Hot dry week. Scattered thunderstorms around the State. Extremes 49°; 96°.

Days suitable for fieldwork 6.2. Soil moisture 35% very short, 46% short, 19% adequate. Soybean crop condition 2% very poor, 6% poor, 20% fair, 53% good, 19% excellent. Wheat 98% harvested, 99% 1994, 98% avg. Oats 98% harvested, 99% 1994, 98% avg. Barley 98% harvested, 99% 1994, 98% avg. Tobacco harvested 29%; 18% 1994, 14% avg. Potato harvest 18% complete, 20% 1994, 20% avg. Alfalfa 2nd cutting 82% complete, 90% 1994, 87% avg. Alfalfa 3rd cutting 38% complete, 49% 1994, 41% avg. Alfalfa 4th cutting 4% complete, 7% 1994, 5% avg. Timothy clover 2nd cutting 64% complete, 67% 1994, 67% avg. Quality of hay made 2% very poor, 5% poor, 21% fair, 46% good, 26% excellent. Apple harvest 9% harvested, 19% 1994, 16% avg. Peach harvest 50% harvested, N/A 1994, 54% avg. Grapes harvested 10% harvested, 4% 1994, 10% avg. Fall plowing 7% complete, 13% 1994, 12% avg. Activities: Harvesting wheat, oats, potatoes; making hay; baling straw; cutting haylage; filling silos; fixing fences; machinery maintenance; hauling manure; caring for livestock.

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

**SOUTH CAROLINA:** Temperatures 6° above normal with a maximum of 105°, minimum of 65°. Rainfall 0.60 in.

Days suitable for fieldwork 6.31. Soil moisture 7% very short, 68% short, 25% adequate. Corn 84% matured, 93% 1994, 88% avg.; 24% harvested, 29% 1994, 27% avg.; 75% fair, 18% good, 7% excellent. Sorghum 13% harvested, 19% 1994, 20% avg.; 13% poor, 62% fair, 25% good. Sweet potatoes 89% fair, 11% good. Tobacco 73% harvested, 76% 1994, 67% avg.; 56% fair, 44% good. Peaches 96% harvested, 96% 1994, 91% avg.; 18% fair, 82% good. Watermelons 97% harvested, 90% 1994, 92% avg.; 1% poor, 99% fair. Cantaloups 95% harvested, 92% 1994, 89% avg.; 2% poor, 98% fair.

**SOUTH DAKOTA:** Temperatures 1 to 4° above normal. Extremes 26°; 107°. Rainfall varied with areas in the eastern fourth of the State receiving 0.75 to 1.50 in. while many areas received no precipitation. Heaviest precipitation 1.63 in. Centerville.

Days suitable for fieldwork 5.7. Topsoil 9% very short, 37% short, 49% adequate, 5% surplus. Subsoil 2% very short, 27% short, 56% adequate, 15% surplus. Barley 97% ripe, 100% 1994, 99% avg.; 89% swathed, 98% 1994, 92% avg.; 78% harvested, 94% 1994, 89% avg. Barley 1% very poor, 13% poor, 27% fair, 58% good, 1% excellent. Oats 97% ripe, 100% 1994, 100% avg.; 90% swathed, 100% 1994, 93% avg.; 87% harvested, 99% 1994, 90% avg. Oats 2% very poor, 9% poor, 39% fair, 48% good, 2% excellent. Spring wheat 95% ripe, 100% 1994, 98% avg.; 75% swathed, 96% 1994, 81% avg. Flax 95% blooming, 100% 1994, 93% avg.; 17% ripe, 29% 1994, 53% avg.; 5% swathed, 36% 1994, 35% avg.; 1% harvested, 7% 1994, 19% avg. Flax 4% poor, 10% fair, 84% good, 2% excellent. Corn tasseled, 99%, 100% 1994, 98% avg.; 91% silked, 100% 1994, 93% avg. Soybeans 1% dropping leaves, 7% 1994, 5% avg. Sunflowers 85% bloomed, 100% 1994, 87% avg.; 10% ray flowers dry, 46% 1994, 27% avg.; 1% bracts yellow, 33% 1994, 9% avg. Sunflower 3% poor, 17% fair, 48% good, 32% excellent. A large portion of the State is in desperate need of rain to replenish short topsoil moisture supplies. Grasshoppers were a major problem in the western two-thirds of the State with some areas reporting serious damage to row crops and alfalfa. Second cutting alfalfa 83% complete, 71% 1994, 72% avg. Other hay 84% harvested, 75% 1994, 77% avg. Livestock 1% poor, 10% fair, 71% good, 18% excellent. Stock water supplies 1% very short, 3% short, 77% adequate, 19% surplus.

**TENNESSEE:** Temperatures 6 to 8° above normal. Extremes 64°; 100°.

Days suitable for fieldwork 6.0. Topsoil 9% very short, 31% short, 59% adequate, 1% surplus. Subsoil 9% very short, 28% short, 62% adequate, 1% surplus. Corn 3% poor, 12% fair, 50% good, 35% excellent; 97% dough, 90% 1994, 83% avg.; 75% dent, 57% 1994, 54% avg.; 32% mature, 8% 1994, 11% avg.; 42% silage harvested, 15%

1994, 12% avg. Cotton 1% poor, 12% fair, 70% good, 17% excellent; 1% open bolls, 1%, 1994, 4% avg. Sorghum 7% fair, 51% good, 42% excellent; 96% headed, 91% 1994, 90% avg.; 58% turning color, 47% 1994, 41% avg.; 18% mature, 9% 1994, 7% avg. Tobacco 6% very poor, 20% poor, 38% fair, 34% good, 2% excellent; 75% yopped, 86% 1994, 80% avg.; 25% burley harvested, 21% 1994, 21% avg. 26% air cured harvested, 27% 1994, 19% avg. 22% dark fired harvested, 26% 1994, 21% avg. Soybeans; 1% poor, 19% fair, 54% good, 26% excellent; 91% blooming, 85% 1994, 81% avg.; 61% setting pods, 50% 1994, 47% avg.

**TEXAS:** Early week, front brought thunderstorms, cooling to High Plains while generally dry weather with very warm to hot temperatures prevailed elsewhere in State. Weak tropical systems brought increase in shower activity to eastern half of State latter part of week. Temperatures below normal over most plains, southern sections. Readings near to slightly above normal elsewhere. Rainfall below normal except on high plains. Amounts more than 1.00 in. above normal on southern high plains.

**Crops:** Small Grains land preparations continued many areas. Planting should begin soon. Corn fields continued show good progress in High Plains. Hot temperatures have increased maturing. Harvest activity continued in Blacklands, Central. Harvest winding down along Upper Coast. Corn 59% mature, 56% 1994, 56% avg.; 45% harvested, 47% 1994; 44% avg. Cotton Hot temperatures, recent rain have aided progress in high plains. Spraying activity active, bollworm activity on increase in Low Plains, Cross Timbers. Harvest increasing south central. Rain in Coastal Bend, Valley has hampered harvest operations, effected quality of defoliated cotton. Harvest continued along Upper Coast 9% harvested, 12% 1994, 9% avg. Grain sorghum scattered rainfall through Plains helped dryland crop. Hot temperatures helped coloring. Greenbug problems on increase. Harvest continued without much delay in Blacklands, Central. 59% harvested, 57% 1994, 55% avg. Rice harvest good progress along Upper Coast during week. Early yields been good. Peanuts Fields most areas continued show good progress; however some disease problems shown up. South, where harvest just getting underway, yields been low because prolonged dry conditions during growing season. Statewide condition rated at 84% of normal compared 80% 1994. Soybeans harvest hampered some in Blacklands by high humidity causing slow drying. Early yields along Upper Coast continue good where harvest continued without much delay. 18% harvested, 9% 1994, 10% avg.

**Commercial Vegetables:** Rio Grande Valley, land preparations continued. Pepper, tomato planting continued. San Antonio Winter Garden, not much activity reported during week. East, sweetpotato harvest getting underway. Good volume other vegetables reported. Trans Pecos, last of onions, cantaloupes harvested. High Plains, cucumber, potato harvest continued. Pumpkins showing good progress with only slight disease problems. Pecans hot, dry conditions increased drop in Hill Country. Spraying for weevils, shuckworms, scab increased. Most other areas continued report a good crop. Irrigation steady where available.

**Range and Livestock:** Ranges, pastures have shown some improvement areas where rain has received over past few weeks. Livestock remained mostly good condition. Flies have become a problem again some areas.

**UTAH:** Temperatures maximums, minimums both 1° above normal. Precipitation light to moderate throughout the State with the exception of western division which reported no measurable precipitation.

Days suitable for fieldwork 6.7. Topsoil 9% very short, 25% short, 65% adequate, 1% surplus. Subsoil 4% very short, 30% short, 63% adequate, 3% surplus. Irrigation water supply 6% very short, 15% short, 77% adequate, 2% surplus. Stockwater supply 3% very short, 16% short, 81% adequate. Spring wheat harvested 55%. Barley harvested 61%. Oats harvested for grain 35%, 69% 1994, 50% avg. Winter wheat harvested 80%. Corn tasseling 60%. Alfalfa hay 2nd cutting 90%; 3rd cutting 14%, 39% 1994, 27% avg. Other hay cutting 83%. Tart cherries picked 97% complete. Peaches harvested 32%

picked, 42% 1994. Major farm, ranch activities were harvesting small grains, haying, irrigating, picking tart cherries, peaches.

**VIRGINIA:** Temperatures above normal. Extremes 60°; 100°. Precipitation was well below average statewide.

Days suitable for fieldwork 6.5. Topsoil 31% very short, 53% short, 16% adequate. Subsoil 16% very short, 58% short, 24% adequate, 2% surplus. Other hay 9% very poor, 38% poor, 38% fair, 13% good, 2% excellent. Alfalfa hay 1% very poor, 20% poor, 52% fair, 22% good, 5% excellent. Apple 22% fair, 78% good. Apples harvested 70%, 57% 1994, 37% avg. Peaches harvested 70%, 55% 1994, 75% avg. Corn silked 95%, 96% 1994, 95% avg.; dough 68%, 63% 1994, 66% avg.; dent stage 43%, 43% 1994, 46% avg.; mature 20%, 19% 1994, 23% avg.; harvested for silage 3%, 6% 1994, 11% avg.; 1% very poor, 7% poor, 29% fair, 43% good, 20% excellent. Soybeans 2% very poor, 29% poor, 42% fair, 25% good, 2% excellent; blooming 77%, 78% 1994, 74% avg. Peanut 15% poor, 34% fair, 50% good, 1% excellent. Cotton 7% poor, 23% fair, 68% good, 2% excellent. Flue tobacco 9% poor, 24% fair, 46% good, 21% excellent. Flue tobacco harvested 43%, 26% 1994, 31% avg. Dark fire tobacco 2% poor, 17% fair, 69% good, 12% excellent. Dark fire harvested 35%, 26% 1994, 23% avg. Burley tobacco 12% very poor, 56% poor, 26% fair, 6% good; harvested 5%, 0% 1994, 1% avg. Sun tobacco 1% poor, 16% fair, 83% good; harvested 35%, 9% 1994, 19% avg. Peaches harvested 70%, 70% 1994, 75% avg. The hot, especially dry conditions persisted. Tobacco harvest continuing. The dry spell in the southeastern region forced some producers to irrigate tobacco, peanuts, cotton. Cotton, peanuts showing signs of stress due to the dry conditions, extended high temperatures.

**WASHINGTON:** Temperature data not available. Precipitation 0.16 to 1.34 in. west; none to 0.41 in. east. Harvest activities delayed due to rain.

Days suitable for fieldwork 5.1. Topsoil 12% short, 88% adequate; subsoil 19% short, 81% adequate. Irrigation water supply 100% adequate. Rain delayed harvest activities. Wheat, vegetable seed crops damaged by rain. Harvested potato quality was good. Dry bean cutting continued. Peppermint harvest in full swing. Seed crops being swathed. Record yields reported in winter wheat. Blueberries, cucumbers, cauliflower, broccoli, peaches, nectarines, pears, early apples being harvested. Grape crop reported as large but ripening slowly. Carrot, onion, sweet corn harvest activities increased. Some melon fields reported collapse due to cold weather. Pastures were greening up due to rain. Rain damaged hay crop. Winter wheat, dryland 4% poor, 25% fair, 51% good, 20% excellent; irrigated, 71% good, 29% excellent. Spring wheat, dryland 6% poor, 28% fair, 55% good, 11% excellent; irrigated, 83% good, 17% excellent. Barley, dryland 1% poor, 29% fair, 59% good, 11% excellent; irrigated, 100% good. Potatoes, 15% fair, 85% good. Corn, 1% fair, 99% good. Dry Edible Beans, 100% good. Hay, other roughage supplies 92% adequate, 8% surplus. Winter wheat, 65% harvested, 98% 1994, 81% avg. Spring wheat, 50% harvested, 96% 1994, 67% avg. Barley, 41% harvested, 96% 1994, 69% avg. Alfalfa, 2nd cutting, 96% harvested, 95% 1994, 94% avg. Alfalfa, 3rd cutting, 50% harvested, 62% 1994, 48% avg. Dry peas, 41% harvested, 98% 1994, 69% avg. Potatoes, 13% harvested, 12% 1994, 15% avg. Dry beans, 5% harvested, 2% 1994, 0% avg.

**WEST VIRGINIA:** Temperature 79°. Extremes 56°; 100°. Temperatures 7 to 9° above normal. Most locations reported afternoon highs in the 90s. Precipitation 0.16 of an inch. The greatest weekly total precipitation was 0.88 in. reported at Williamson.

Days suitable for fieldwork 5.9. Topsoil 1% very short, 45% short, 53% adequate, 1% surplus. Wheat 85% harvested, 100% 1994, 96% avg. Hay 10% poor, 37% fair, 51% good, 2% excellent; second cutting 61%, 50% 1994, 50% avg.; third cutting 20%, 40% 1994. Corn 15% fair, 58% good, 27% excellent; 89% silked, 86% 1994, 90% avg.; 41% dough, 45% 1994, 59% avg; 7% dent. Oats 77% ripe, 100% 1994, 98% avg.; 65% harvested, 80% 1994, 90% avg. Soybeans 2% poor, 12% fair, 75% good, 11% excellent; 91% blooming, 98% 1994; 72% setting pods, 72% 1994. Tobacco 12% very poor, 12% poor, 28% fair, 48% good; 65% topped, 64% 1994, 68% avg, 6% harvested. Apples 100% good. Peaches 100% good. Cattle 16% fair, 79% good, 5% excellent. Sheep 18% fair, 78% good, 4% excellent. Activities: Cutting hay, topping tobacco, harvesting peaches, oats, wheat.

**WISCONSIN:** Temperature 72°, 5° above normal. Extremes 43°; 95°. Precipitation 1.00 to 4.10 in.

Days suitable for fieldwork 2.4. Soil 4% short, 59% adequate, 37% surplus. General condition of crops 2% poor, 19% fair, 67% good, 12% excellent. Oats 1% very poor, 15% poor, 45% fair, 36% good, 3% excellent; harvested 70%, 79% 1994, 66% avg. Winter wheat harvested 94%, 94% 1994, 87% avg. Second cutting hay harvest 88%, 84% 1994, 84% avg. Third cutting hay harvest 15%, 18% 1994, 18% avg. Soybean 2% poor, 15% fair, 65% good, 18% excellent; blooming 75%, NA 1994, NA avg. Heavy rains across the state slowed fieldwork. Many reporters noted a change from very dry to surplus soil moisture conditions due to rain throughout the week. Corn condition continued to be in good to excellent condition. Scattered reports of poor pollination have been received. One reporter mentioned that European corn borer hatched in full strength in his area. Small grain harvest was very difficult over the past week. Some reports of sprouting, severe lodging were noted. Dry conditions are needed for the next several days to get the remaining oat crop harvested. Second crop alfalfa lost a lot in quality due to the recent rains. Most of the crop was lying on the ground and was washed several times. Some reports mentioned that farmers were chopping the alfalfa back onto the field. Farmers found it very difficult to harvest the remaining second crop alfalfa and existing third crop. Tobacco harvest started during the past week. Sweet corn harvest was progressing with moderate yields.

**WYOMING:** Temperatures 1 to 7° above normal across the State. Extremes 32° Jackson; 99° Newcastle. Precipitation 0.10 to 0.40 in. below normal except for few scattered spots averaging slightly above normal. Cody received the greatest amount of 0.26 in.

Days suitable for fieldwork 6.7. Topsoil 40% adequate or better. Winter wheat 89% harvested, 100% 1994, 87% avg. Spring wheat 9% fair, 91% good; 50% mature, 99% 1994, 82% avg.; 14% harvested, 78% 1994, 50% avg. Oats 8% fair, 89% good, 3% excellent; 53% mature, 84% 1994, 75% avg.; 32% harvested, 44% 1994, 36% avg. Barley 86% good, 14% excellent; 82% mature, 95% 1994, 90% avg.; 53% harvested, 70% 1994, 62% avg. Dry beans 88% good, 12% excellent; 94% setting pods, 99% 1994, 93% avg.; 25% leaves turning color, 52% 1994, 26% avg. Corn 20% fair, 80% good; 37% in milk, 91% 1994, 60% avg.; 1% in dough, 59% 1994, 21% avg. Alfalfa 2nd cutting 42% complete, 74% 1994, 57% avg. Other hay 80% harvested, 89% 1994, 85% avg. Crop insect infestation 42% light, 8% moderate.

# International Weather and Crop Summary

August 13 - 19, 1995

## HIGHLIGHTS

**FSU-WESTERN:** In Russia, light to moderate showers over northern areas slowed spring grain harvesting but provided much-needed topsoil moisture for planting of the 1996 winter grain crop.

**FSU-NEW LANDS:** Warm, dry weather over Kazakhstan favored spring grain maturation and harvesting.

**EUROPE:** Unusually warm, dry weather continued to favor grain and oilseed harvesting in the north but worsened conditions for summer crop development.

**SOUTH ASIA:** Unseasonable dryness continued over western India oilseed, cotton, and coarse grain areas, but showers benefited major rice areas elsewhere.

**CANADA:** Persistent cool, wet weather, while aiding immature grain and oilseeds, caused some lodging and raised quality concerns for ripening grains.

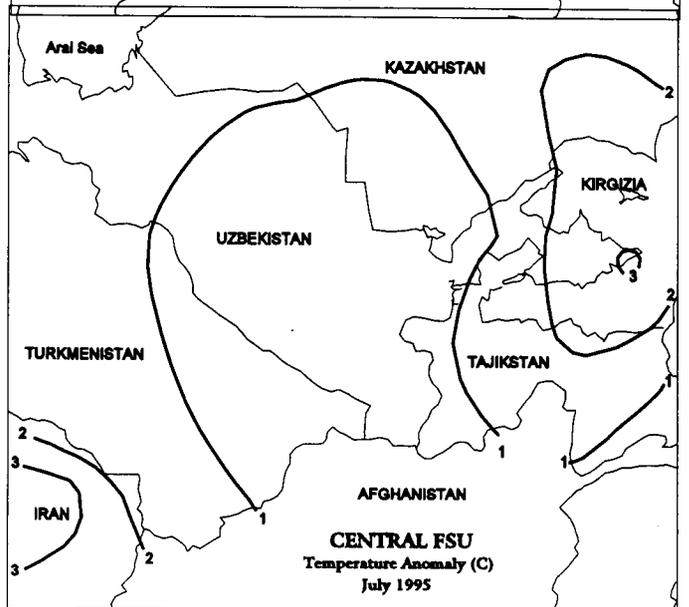
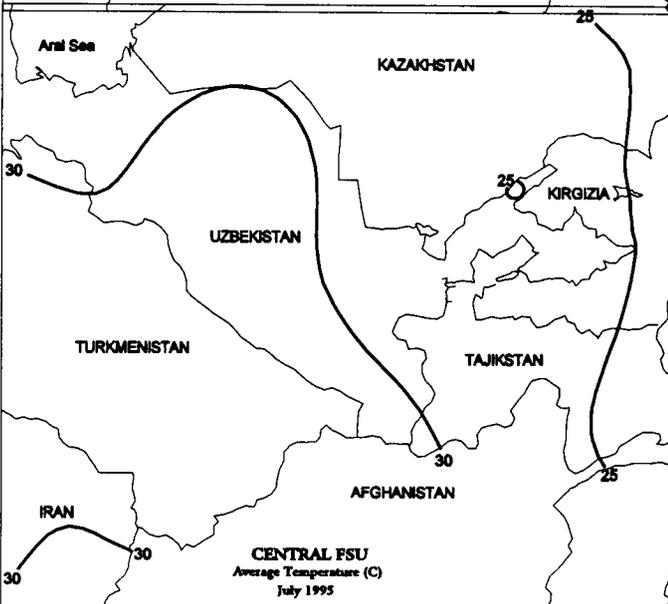
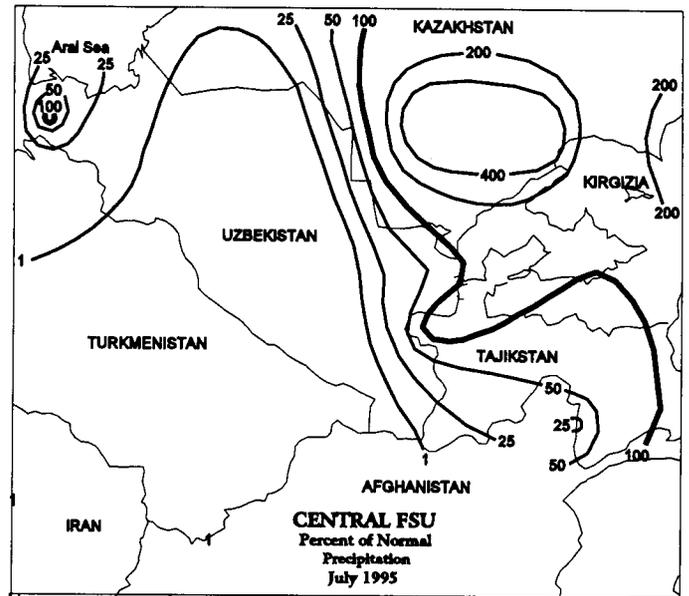
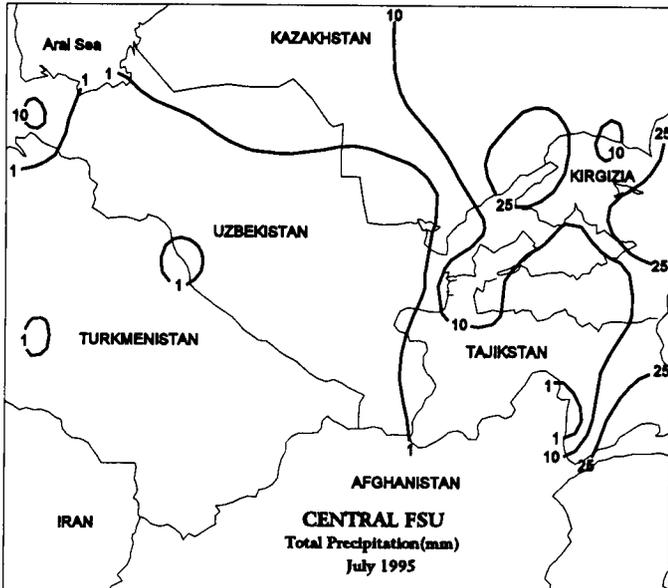
**AUSTRALIA:** Scattered showers brought some drought relief to Queensland, including winter wheat areas of Darling Downs.

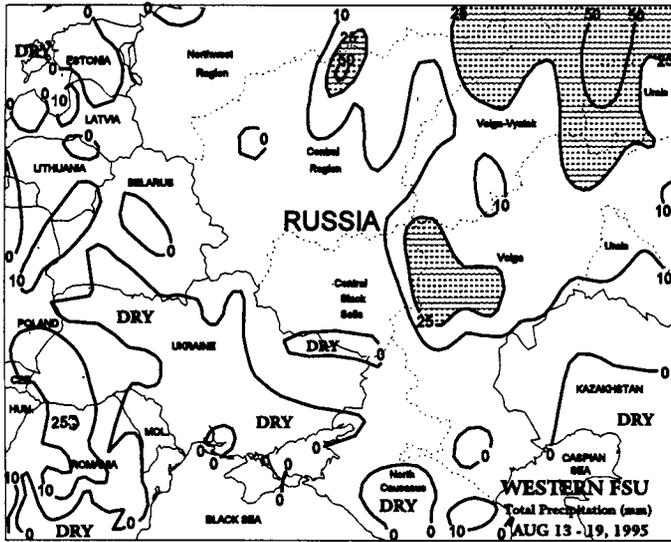
**EASTERN ASIA:** Showers benefited corn, soybeans, and rice across the North China Plain, southern Manchuria, and southern China, but isolated heavy showers caused local flooding. Heavy rains exacerbated flooding in North Korea.

**SOUTHEAST ASIA:** Heavy rain continued in northern Thailand's corn, rice, and sugarcane areas, causing additional flooding.

**SOUTH AMERICA:** Rain dampened topsoils for late wheat planting across southern Argentina's wheat areas, but more rain is needed for adequate crop development.

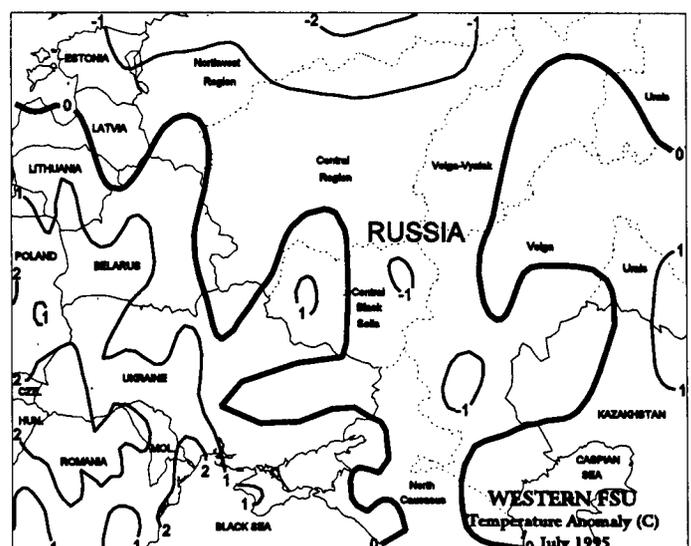
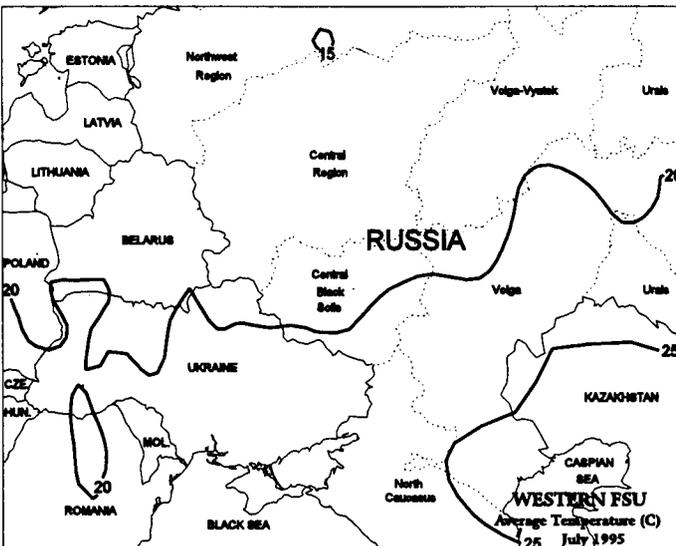
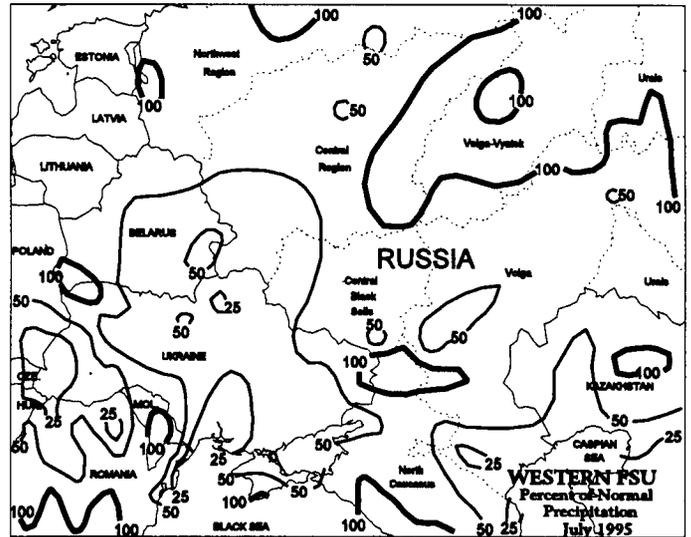
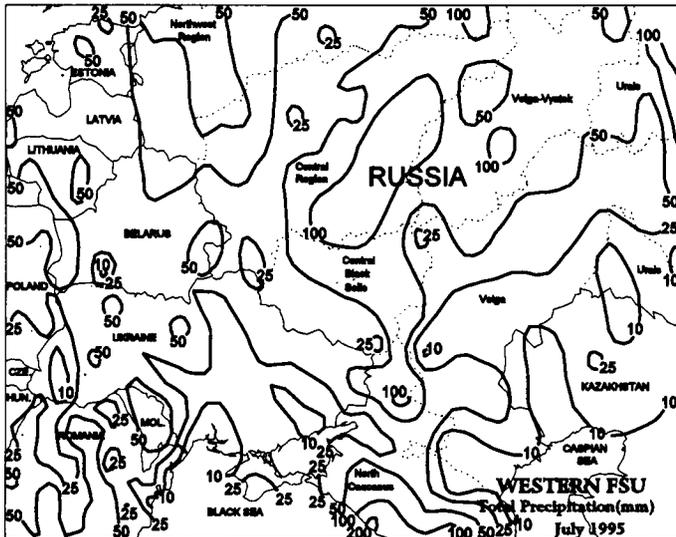
**MEXICO:** Remnants of Tropical Storm Gabrielle brought drought-relieving showers to northern Mexico.

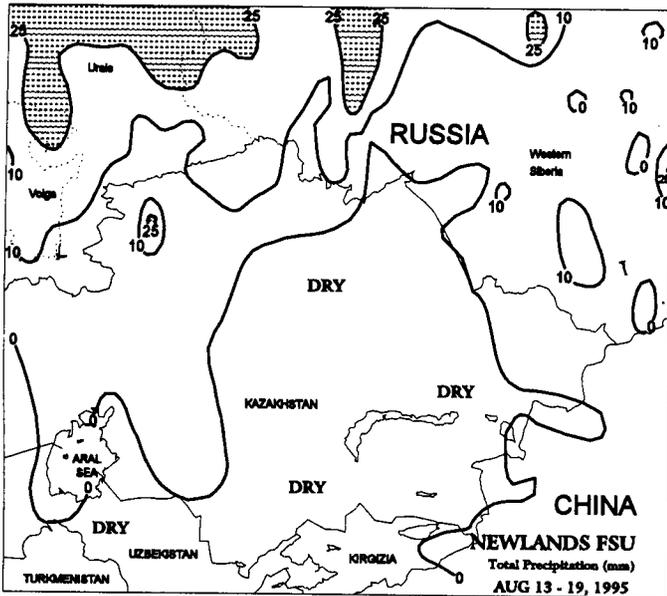




**FSU-WESTERN**

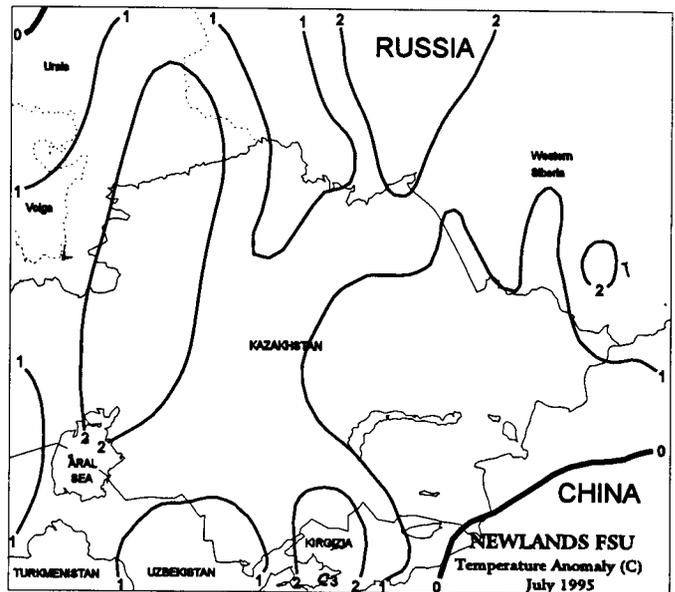
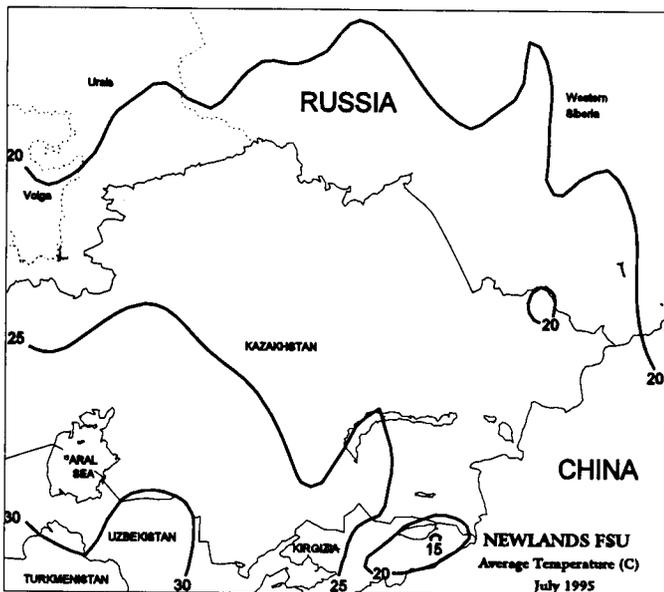
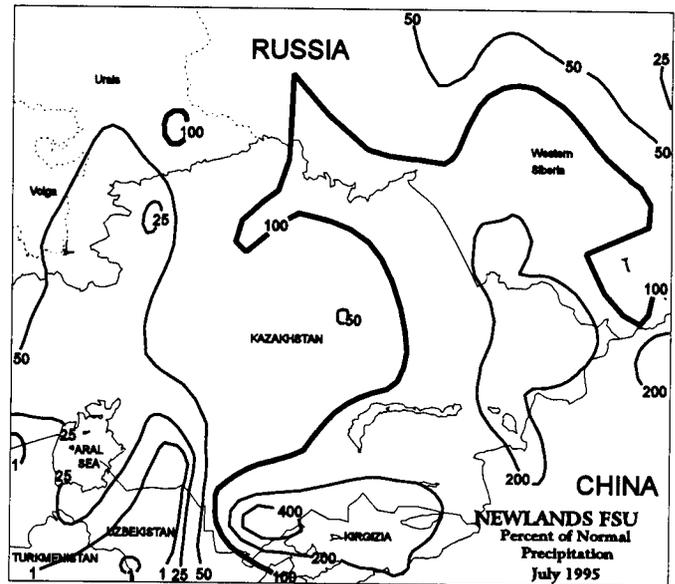
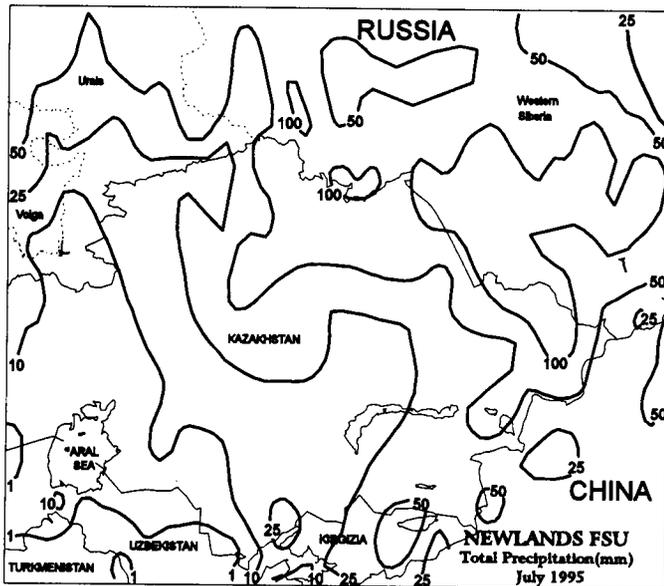
In Russia, light to moderate (10-44 mm) showers covered Volga Vyatsk and the middle and upper Volga Valley. While the rain slowed spring grain harvesting, it provided much-needed topsoil moisture for winter grain planting. Reports indicated that Russia's grain crop was 52 percent harvested by August 19. Planting of the 1996 winter grain crop was in the early stages. Winter grain planting usually begins in mid-August in the north and progresses southward during September. Farther south, dry weather covered North Caucasus where additional rain is needed for immature corn, sunflowers, and sugar beets. In Ukraine, dry weather prevailed over the country, and additional rain is needed for summer crop development, especially in western, southern, and eastern areas where soil moisture remained low. In July, chronic dryness and periodic heat continued to negatively affect crops over central and southern Russia. Unrelenting drought continued over Volga Valley and parts of central Black Soils Region. Although the dryness over Russia favored rapid winter grain harvesting, it further reduced prospects for spring grain crops. In Ukraine, well-below-normal precipitation and unusually warm weather covered most areas. While the dryness favored winter grain harvesting, it was unfavorable for corn advancing through reproduction. Elsewhere, near-to above-normal rainfall covered Moldova, favoring corn development.

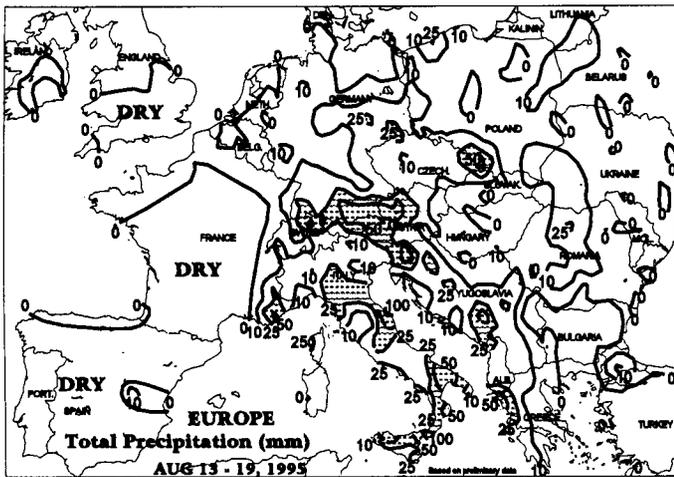




**FSU-NEW LANDS**

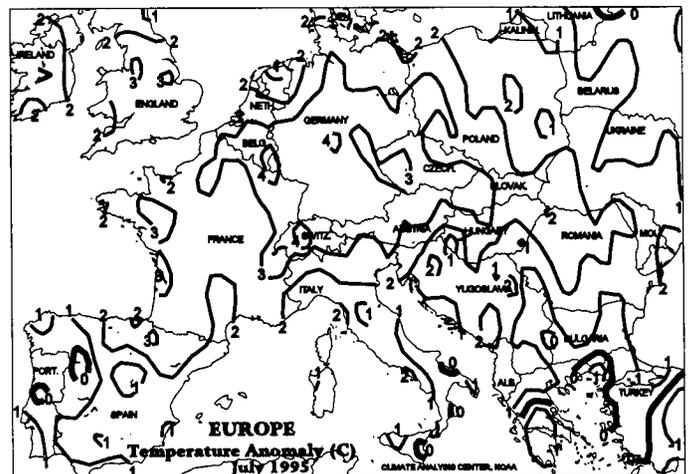
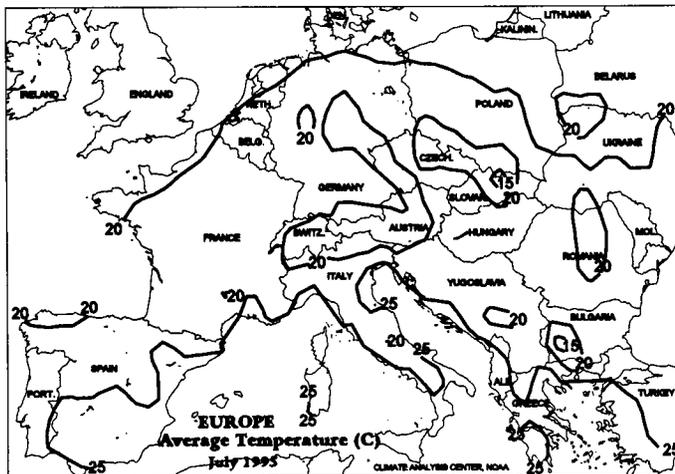
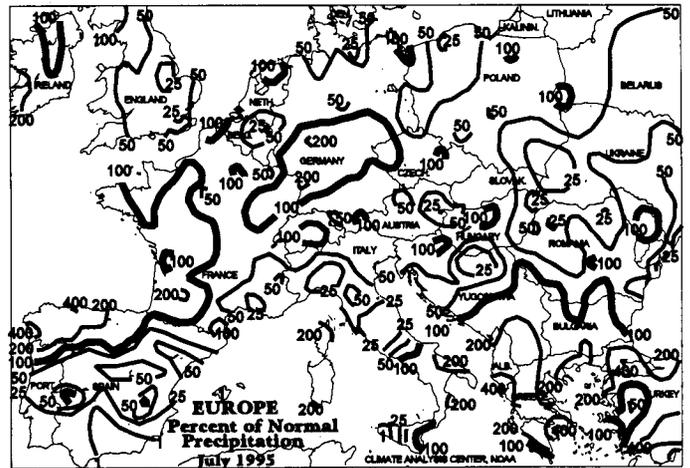
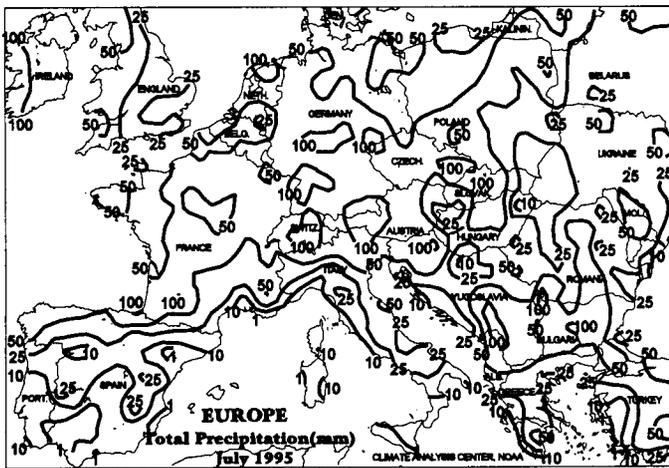
In Russia, light to moderate showers (10-42 mm) covered parched soils in the Urals and the extreme western portion of western Siberia, stabilizing conditions for immature crops. Unusually warm weather (weekly average temperatures 3-5 degrees Celsius (C) above normal) promoted rapid crop development in the Altay Kray region of Western Siberia. Although rainfall was light (1-10 mm), soil moisture was adequate to meet the water requirements of spring grains in the filling stage. In Kazakhstan, warm, dry weather favored spring grain maturation and harvesting. In July, spring grains advanced through the highly weather-sensitive reproductive phase of development in Russia and Kazakhstan. Hot, dry weather in Urals, Russia negatively affected spring grains. In contrast, near- to above-normal precipitation in July over Western Siberia, Russia provided favorable moisture for spring grains. In Kazakhstan, unfavorably hot, dry weather over major central and western spring grain-producing areas accelerated spring grain development and lowered yield prospects. In addition, maximum temperatures as high as 38 degrees C covered spring grain areas at the end of July, hastening early maturity in crops.





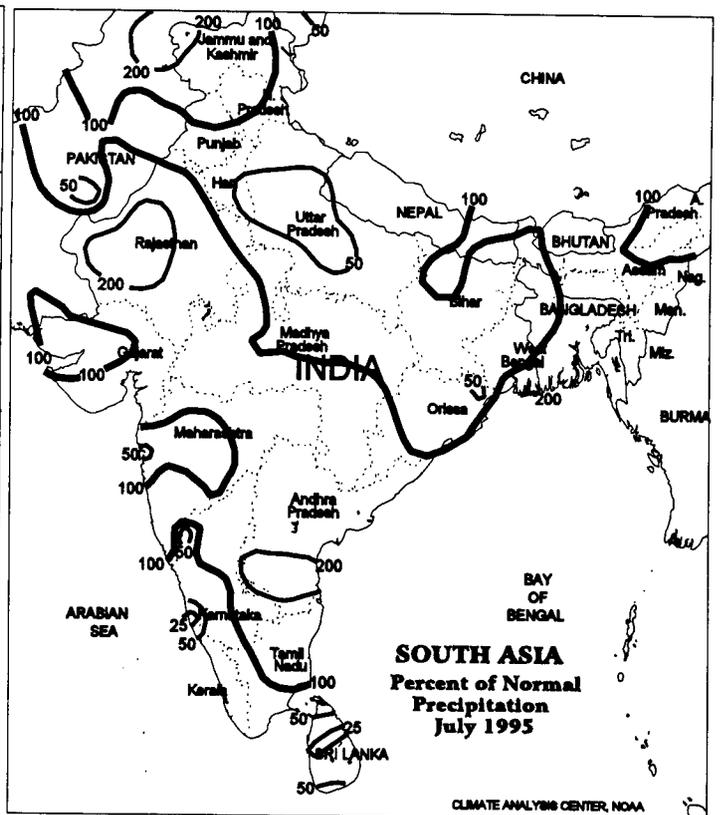
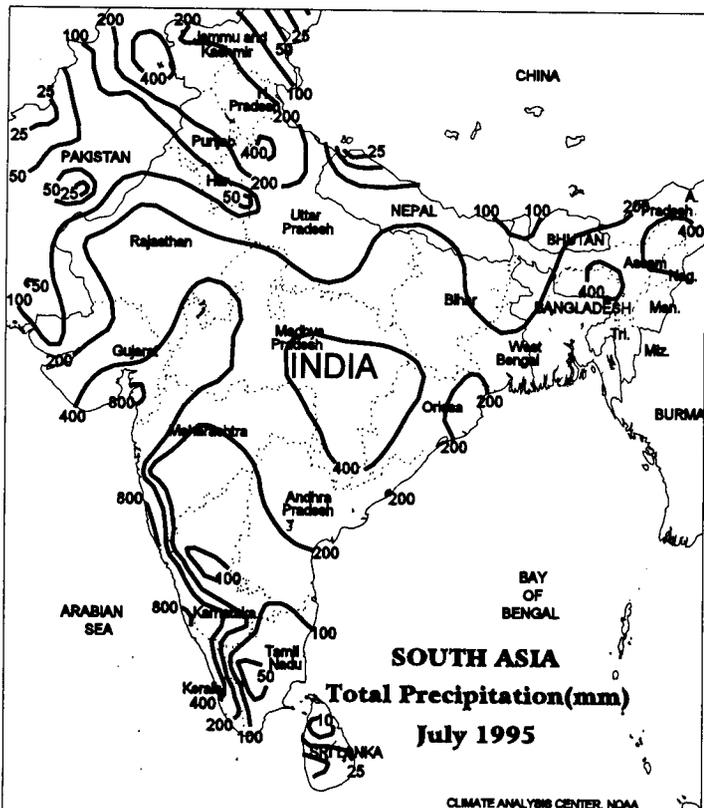
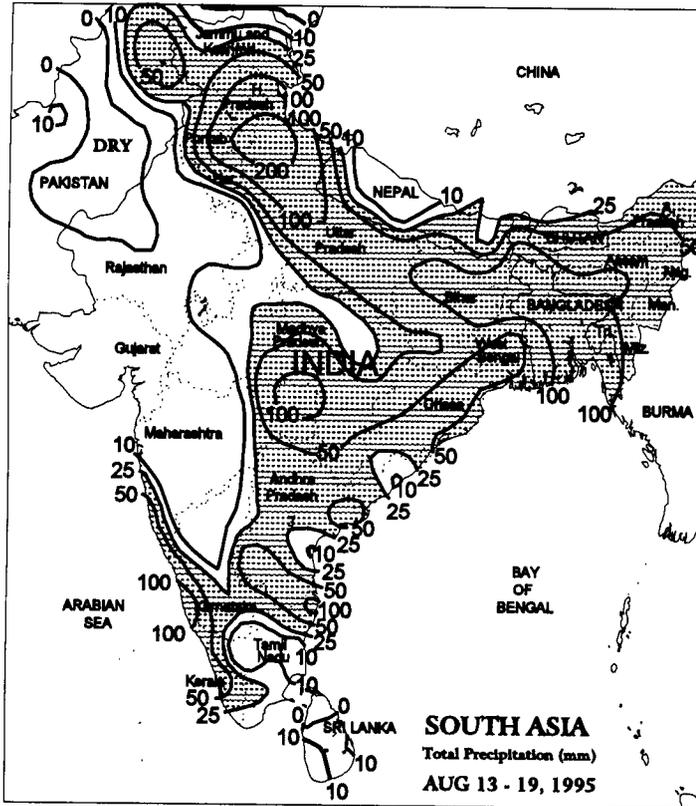
**EUROPE**

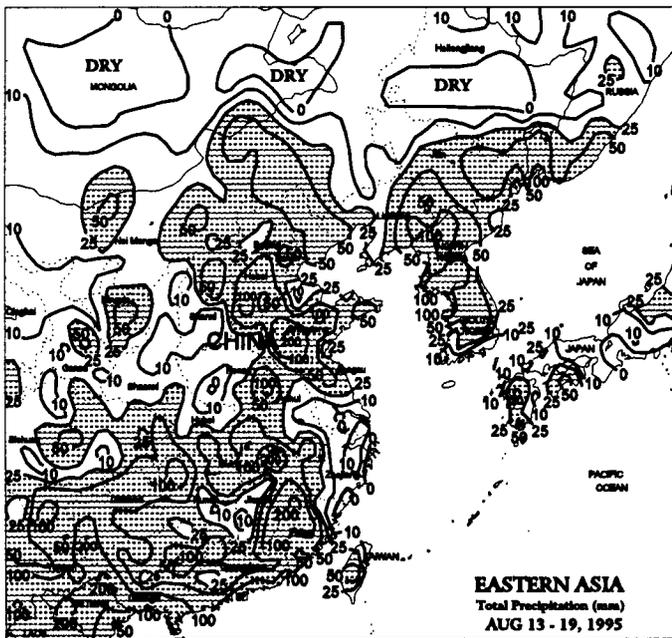
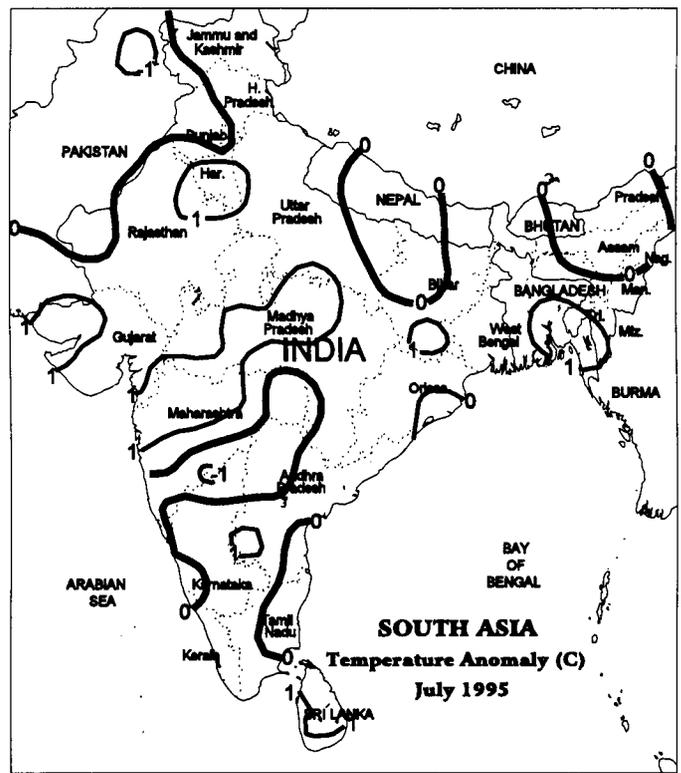
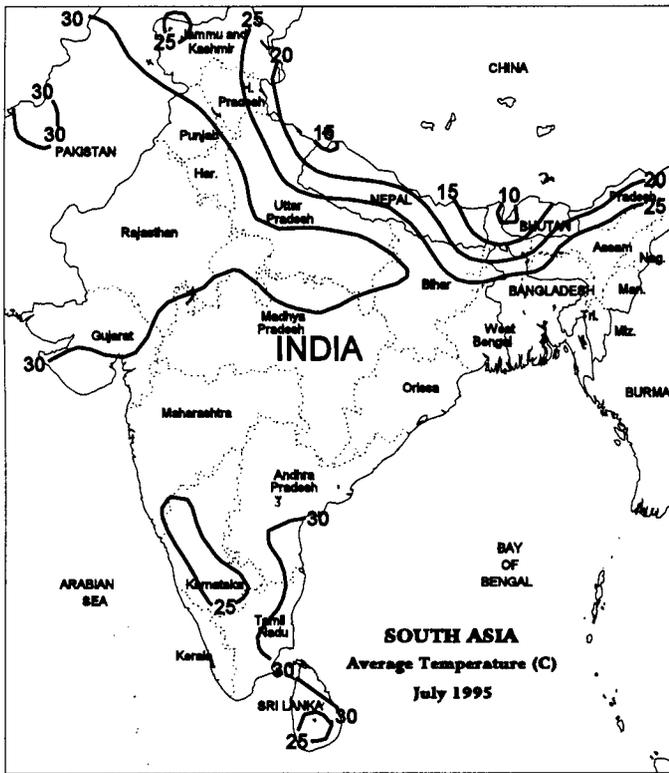
Unseasonably warm, dry weather continued over northern Europe, allowing the winter grain and oilseed harvest to rapidly progress near completion. Weekly average temperatures ranged from 2 to 4 degrees C above normal across northern Europe, and soil moisture was becoming short in western crop areas for summer crop development. Oppressive heat, with maximum temperatures ranging from 35 to 40 degrees C baked drought-stricken Spain. In July, well-below-normal rainfall in England, Belgium, northern Germany, and much of northeastern Europe favored ripening and early harvesting of winter crops but reduced soil moisture for developing summer crops. Monthly temperatures, which averaged 2 to 4 degrees above normal, promoted winter crop maturity and increased heat stress on summer crops. Near-to above-normal July rainfall kept crops well-watered in southeastern Europe.



**SOUTH ASIA**

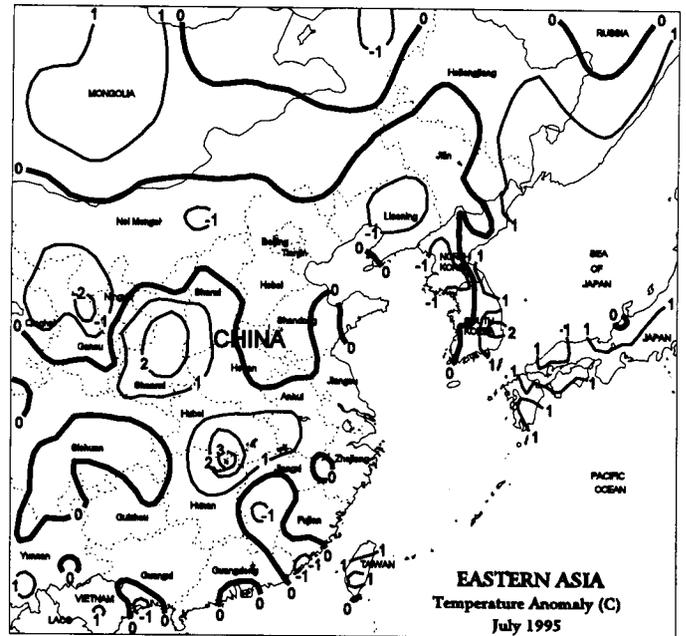
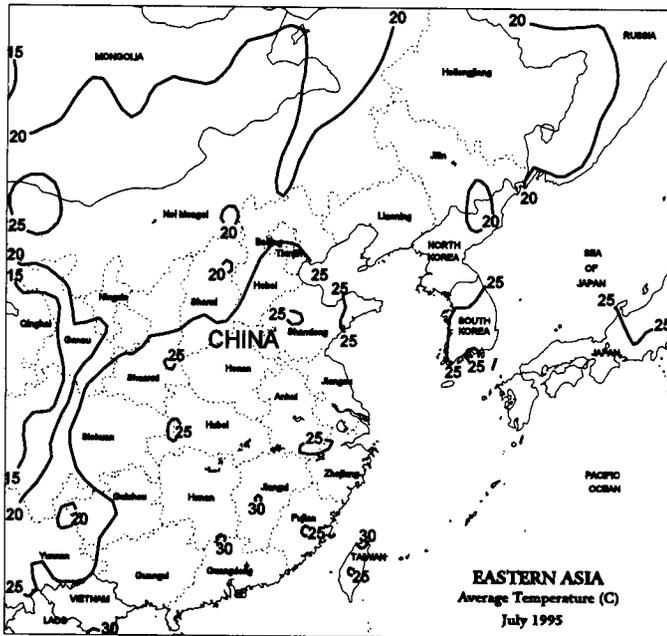
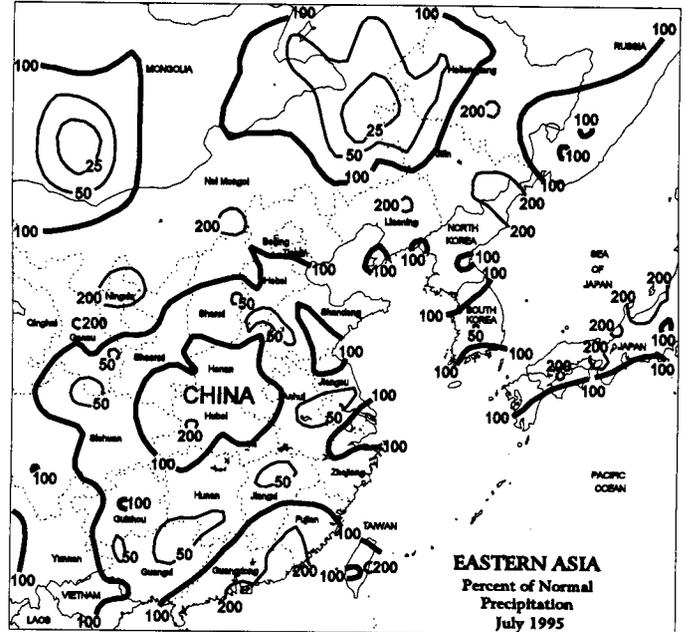
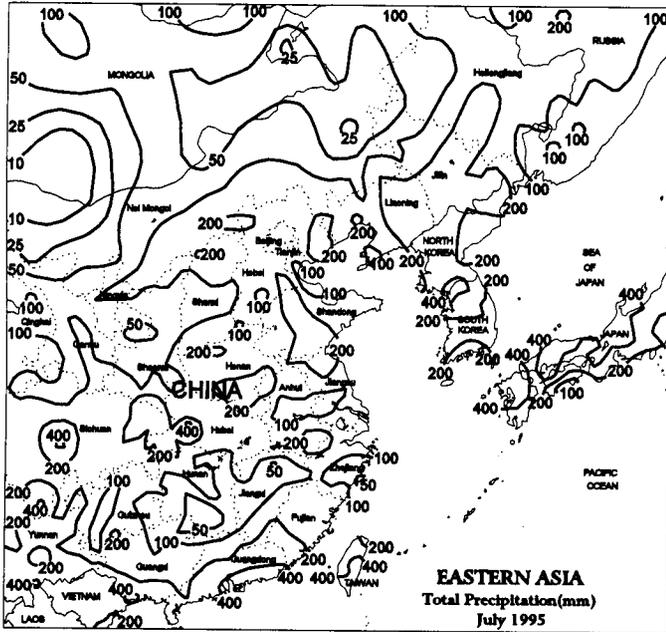
Unseasonably warm, dry weather continued for the second week over major crop areas of western India (Gujarat, Maharashtra, and western Madhya Pradesh), reducing moisture for late-planted crops. The moisture situation is especially critical in the groundnut region of western Gujarat, which has experienced significant rains for only a few weeks this season. While initially beneficial, the dryness was becoming unfavorable for soybeans in western Madhya Pradesh. Elsewhere, widespread, locally heavy rain (25-50 mm, with local amounts exceeding 100 mm) covered most other major crop areas, benefiting rice and other crops. In Pakistan, local moderate rain (25-58 mm), less than in recent weeks, continued north of the major crop areas. During July, the monsoon intensified and surged northward, greatly increasing moisture reserves for late plantings and improving crop prospects. The rain also ended a heat wave in western India that was stressing emerged soybeans and coarse grains. As a result, cumulative July rainfall averaged near to slightly below normal over most of India. A notable exception was a large area of intensive rice cultivation in northern India (Uttar Pradesh) that received less than half its normal rainfall (less than 200 mm). In Pakistan, locally heavy July rainfall (100-400 mm or more), north of the main crop areas and in isolated areas in the south, resulted in some flooding.

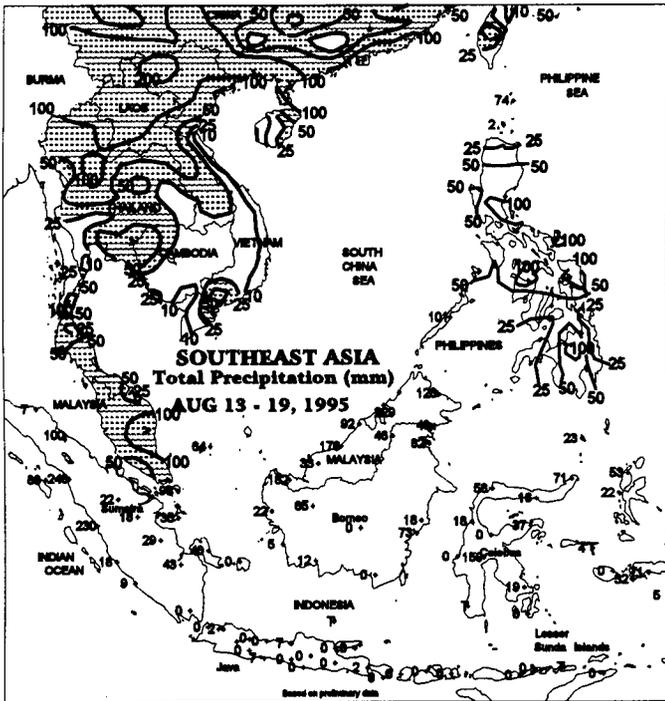




**EASTERN ASIA**

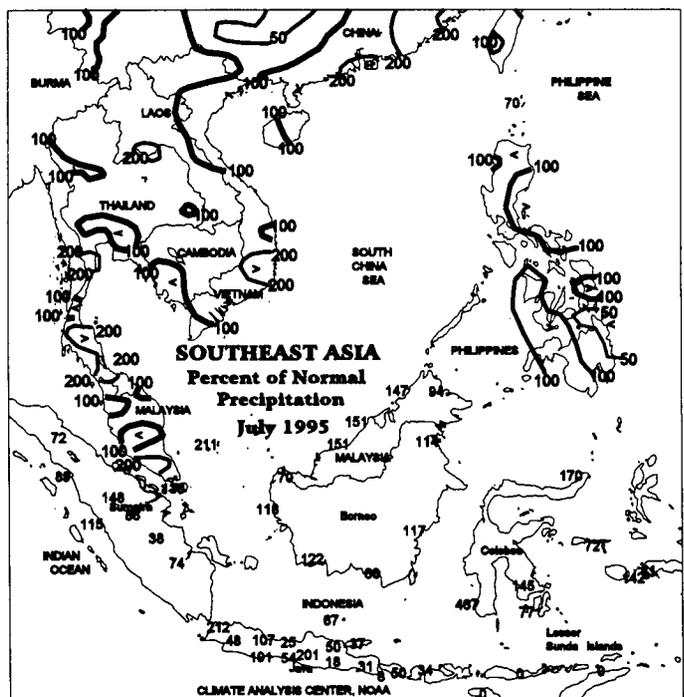
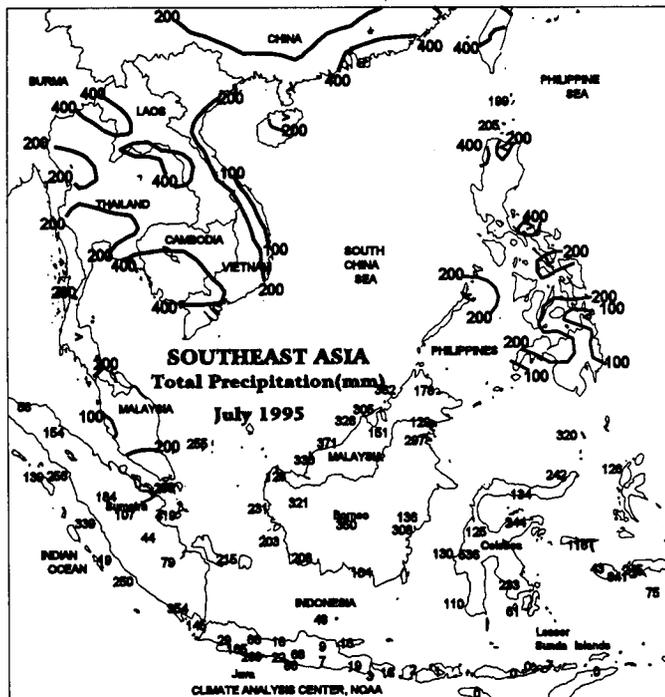
Moderate to heavy rain (15-80 mm) fell across southern Manchuria and most of the North China Plain, aiding filling corn, cotton, and soybeans. Northern and central Manchuria (Heilongjiang and Jilin) received only light rain (less than 10 mm) as cool weather (temperatures 1-2 degrees C below normal) reduced crop water use. Very isolated heavy showers (150-300 mm) were reported in southern Hebei and western Shandong, causing local flooding. In central and southern China, widespread showers (20-90 mm, with scattered amounts greater than 150 mm) kept irrigation supplies adequate for rice. Tropical Storm Irving hit the southern island of Hainan on August 19, but relatively weak winds (less than 60 mph) caused little or no crop damage. Moderate to heavy rain (30-175 mm) exacerbated flooding across North Korea and northern South Korea, while light to moderate rain (4-50 mm) fell across the remainder of South Korea. In Japan, moderate rain (10-40 mm) fell across the southern Islands, Hokkaido, and northern Honshu, while scattered rain (5-30 mm) was reported across southern and central Honshu. Weekly temperatures averaged 2 to 4 degrees C above-normal across the Korean Peninsula and Japan, favoring filling rice. During July, near- to above-normal rainfall favored summer crops across most of Manchuria and the North China Plain. Excessive rains caused flooding in southern Manchuria, while above-normal rains increased irrigation supplies across the upper and middle Yellow River basin. Below-normal July rainfall eased flooding along the lower Yangtze Valley, as above-normal rainfall caused some flooding across the southern coast. North Korea and northern South Korea received near- to above-normal July rainfall, while central and eastern South Korea reported below-normal rainfall. Central and southern Japan experienced above-normal rainfall, with northern Japan receiving near-normal rainfall.

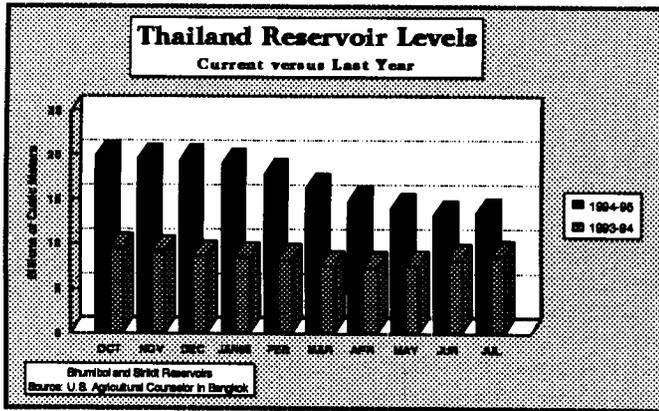




**SOUTHEAST ASIA**

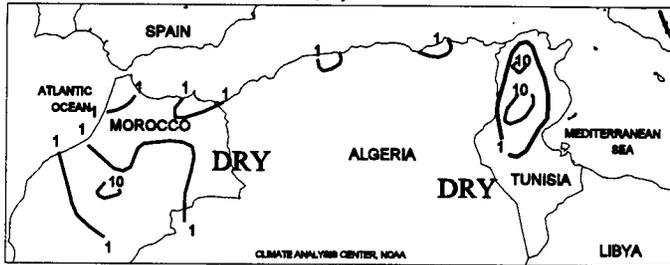
Heavy showers (50-125 mm) again covered northern Thailand's corn, rice, and sugarcane areas, causing additional flooding in already rain-soaked areas. The rest of Thailand received moderate showers (20-60 mm), benefiting rainfed crops and increasing irrigation supplies. Heavy rains (60-130 mm) possibly caused flooding in northeastern Vietnam (along the Chinese border). Mostly light showers (5-20 mm, with an isolated amount greater than 75 mm in the south) prevailed in central and southern Vietnam. In the Philippines, widespread showers (20-150 mm) covered most areas, aiding corn, rice, and sugarcane, but causing local flooding. However, northern Luzon received less than 30 mm of rain, which is below normal for this time of year, reducing moisture for crops. Unseasonably dry weather continued across Java, reducing moisture supplies for primary corn and soybeans and secondary rice. During July, near- to above-normal rainfall was reported across most of Thailand, helping to increase irrigation supplies above that of last year. Most of the Philippines experienced near- to above-normal rainfall, but the Cagayan Valley and western Luzon received below-normal rainfall. In Java, rainfall for July was mostly below normal with only a handful of stations reporting near- to above-normal rainfall.





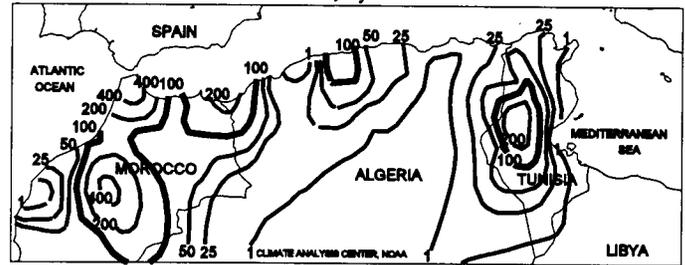
**NORTHWEST AFRICA Total Precipitation (mm)**

July 1995



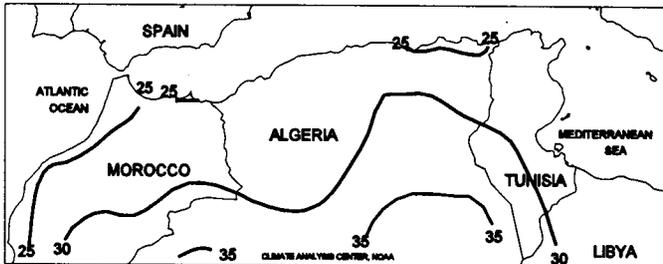
**NORTHWEST AFRICA Percent of Normal Precipitation**

July 1995



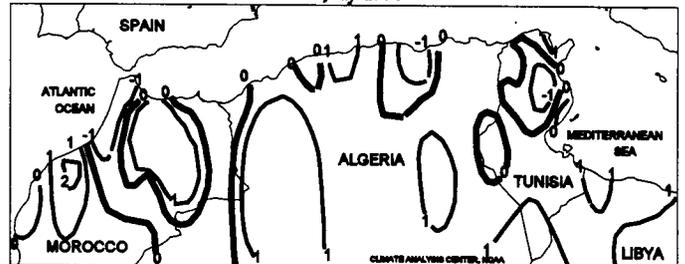
**NORTHWEST AFRICA Average Temperature (C)**

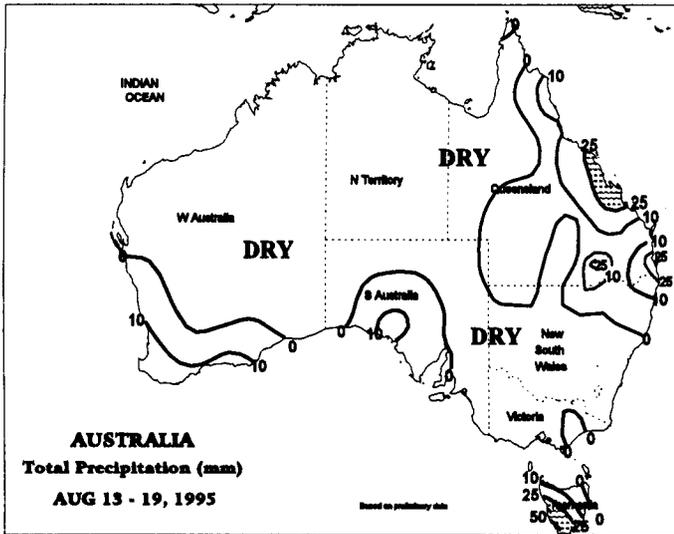
July 1995



**NORTHWEST AFRICA Temperature Anomaly (C)**

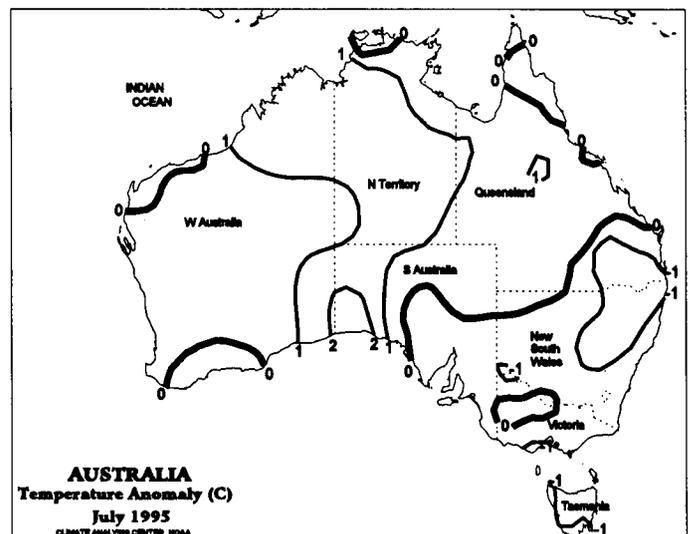
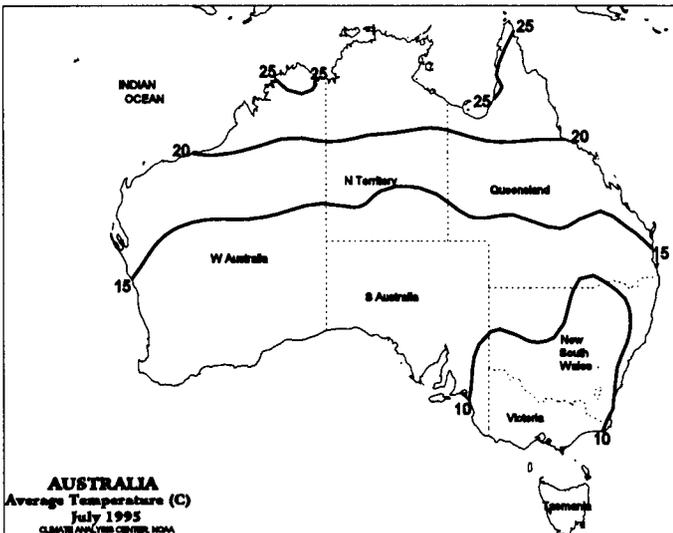
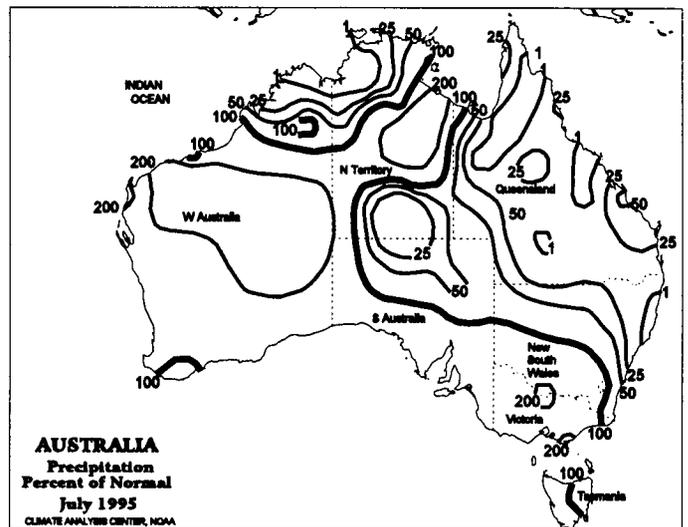
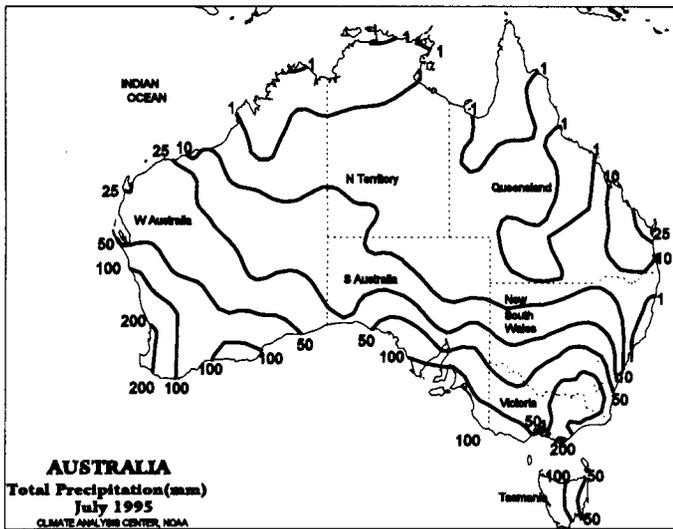
July 1995

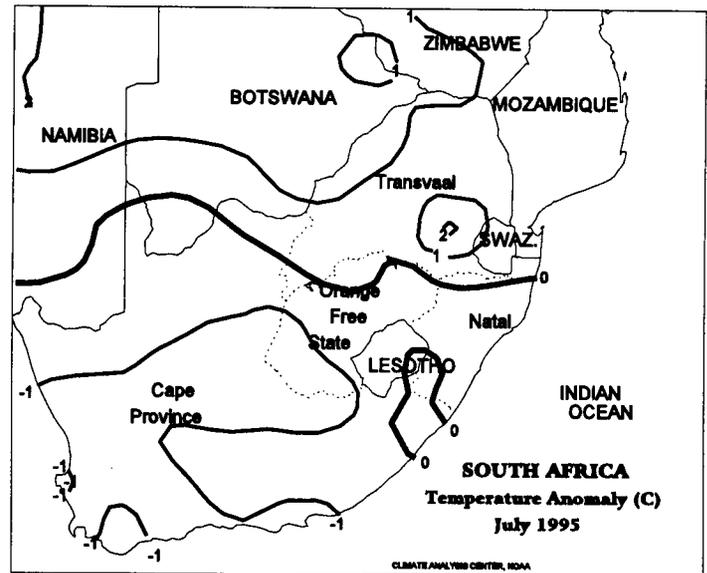
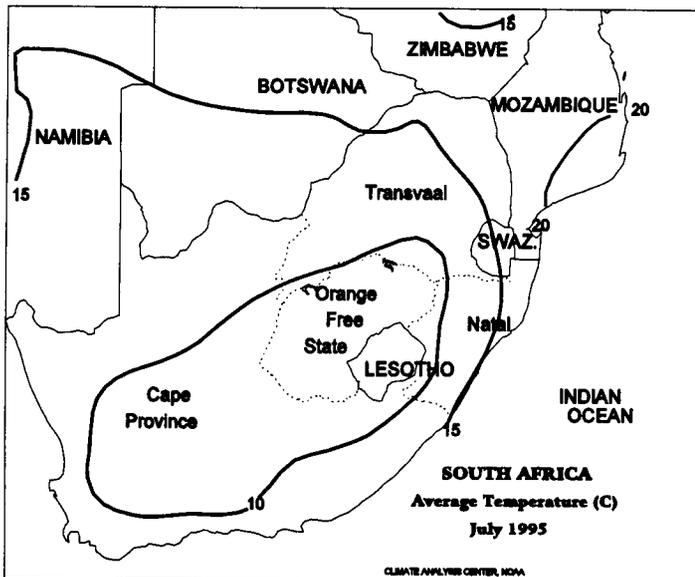
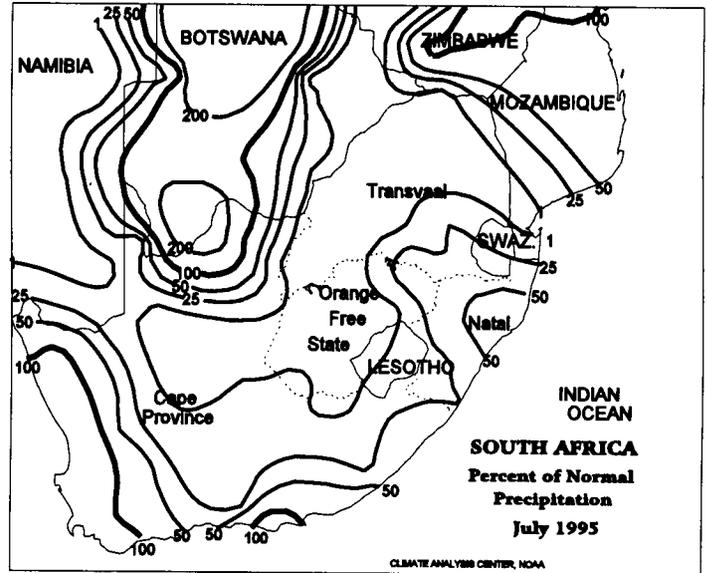
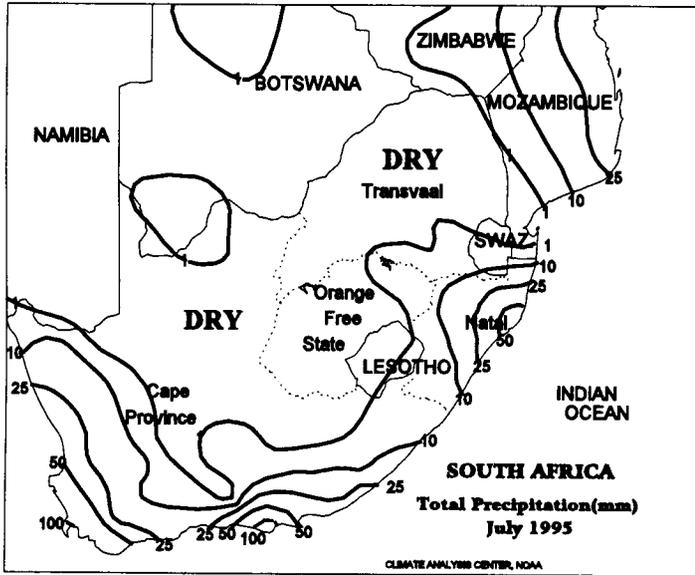


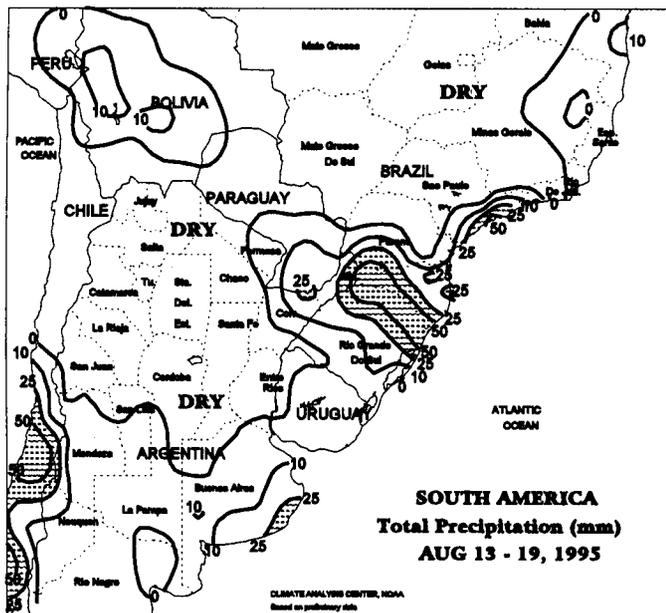


**AUSTRALIA**

Scattered, locally heavy rain (10-39 mm) fell throughout eastern Queensland, bringing some much-needed drought relief. Rainfall in Queensland's Darling Downs ranged from 2 to 26 mm, benefiting vegetative winter wheat. Farther north, heavier showers (10-39 mm) slowed sugarcane harvesting but provided moisture for pastures and upcoming summer crop planting. Elsewhere in eastern Australia, other winter wheat areas were dry and warm (3-4 degrees C above normal). Seasonal warming necessitates more rain for vegetative wheat in southern Queensland and northeastern New South Wales. In the west, light showers and warming temperatures benefited vegetative winter wheat. In New Zealand, locally heavy precipitation (rainfall exceeding 50 mm) and seasonal coolness (lows 2 degrees C or lower) continued. During July, above-normal rainfall in Australia's western and southeastern winter grain areas maintained high yield potential. Drier-than-normal weather in crop areas of northern New South Wales and southern Queensland reduced topsoil moisture, but below-normal temperatures reduced crop moisture demands. Queensland's drought-stricken summer crop and northern winter wheat areas received very little rain (5 mm or less) in July. Unseasonable dryness along Queensland's coast favored sugarcane fieldwork.

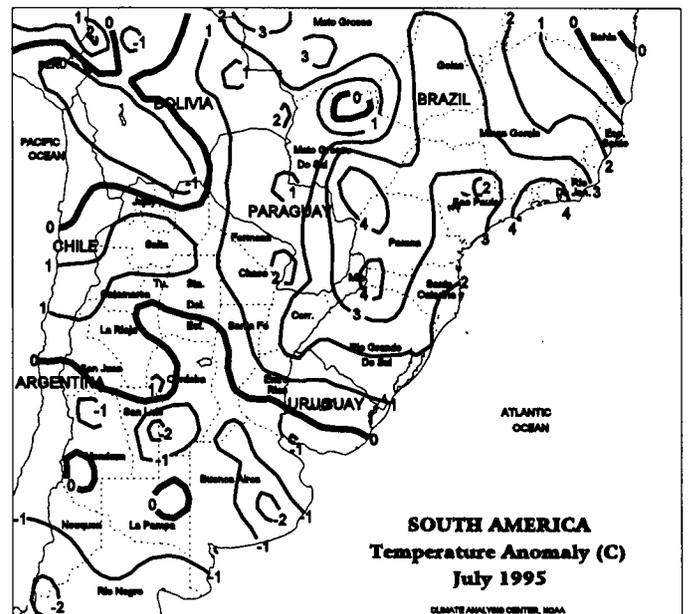
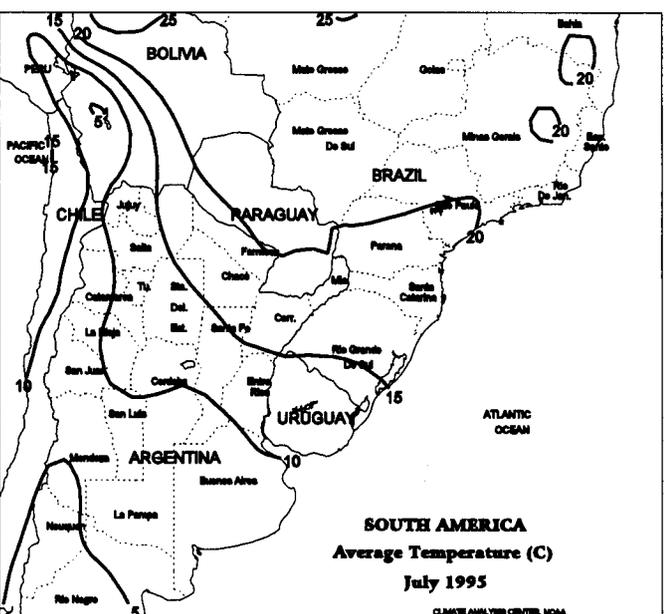
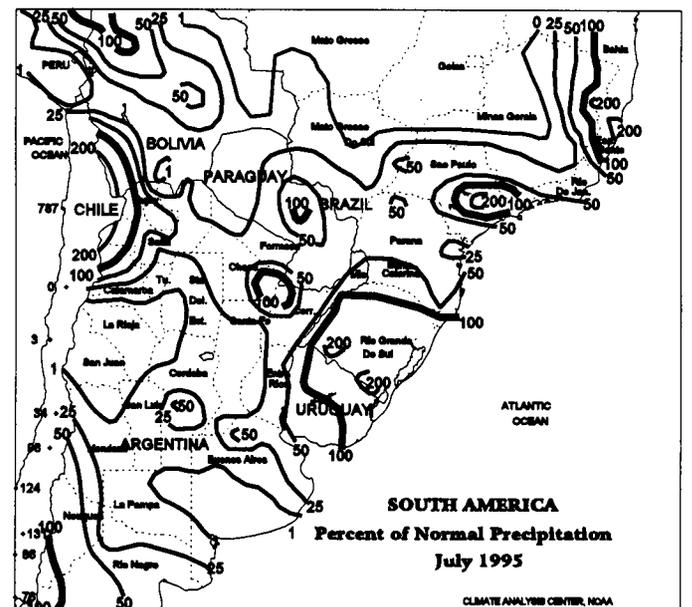
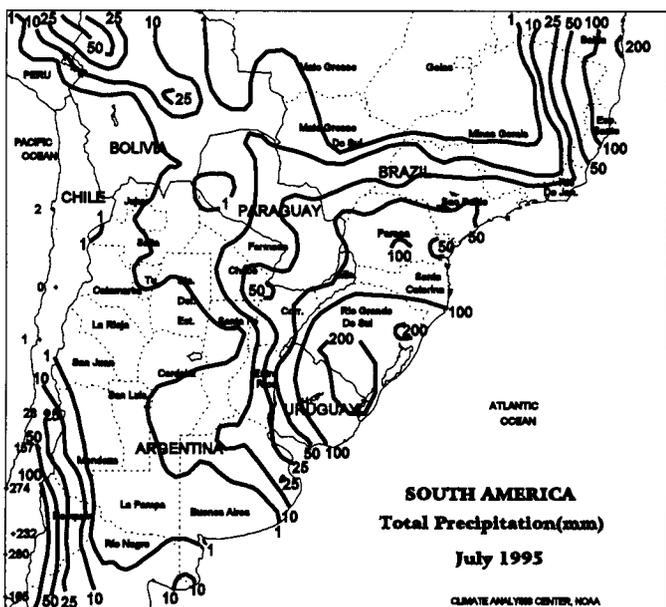


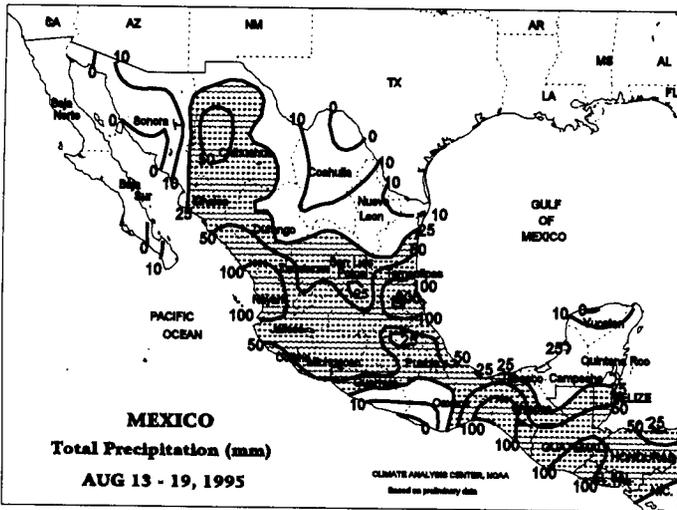




**SOUTH AMERICA**

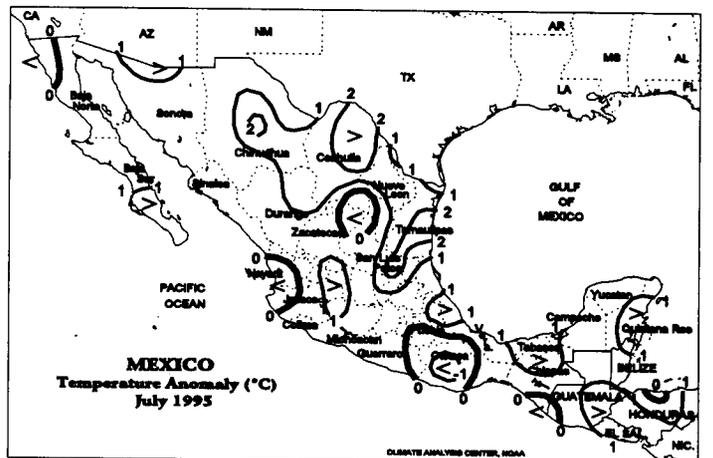
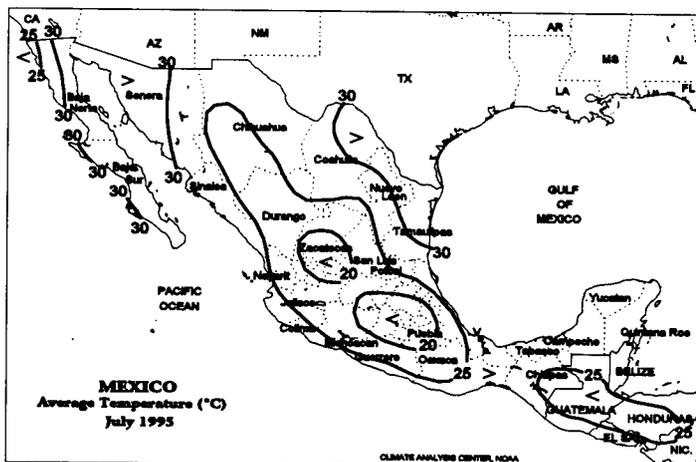
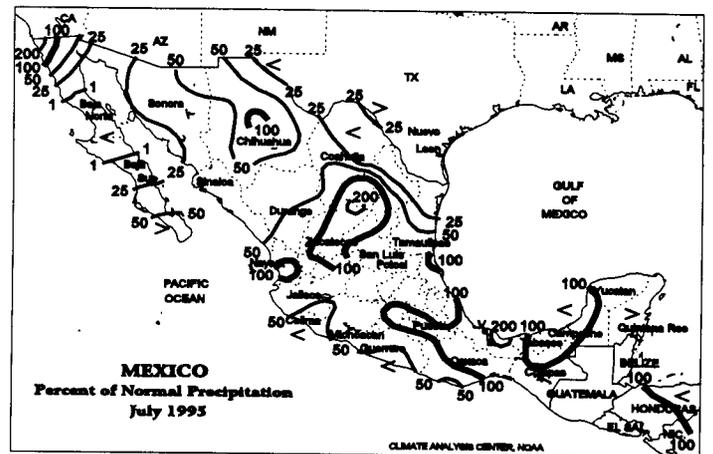
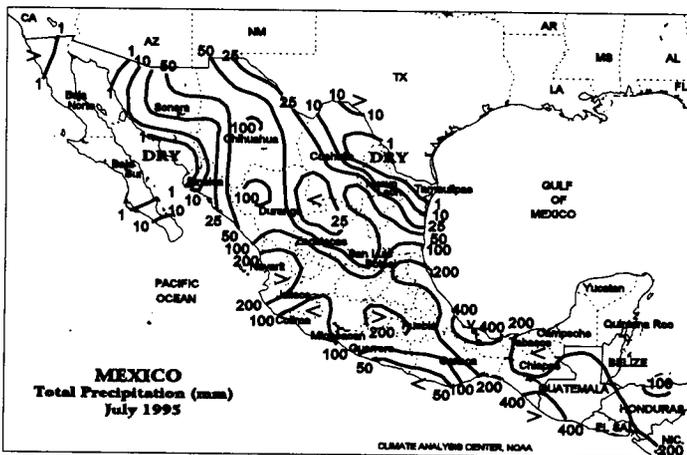
In Argentina, light to moderate rain (5-25 mm) dampened topsoils across southwest Buenos Aires, spurring late wheat planting. However, the remaining wheat areas were dry, stressing vegetative winter wheat. Most of the wheat belt reported 25 percent of normal rainfall in July, underscoring the need for rain across the whole region to ensure adequate crop development. Minimum temperatures ranged from -3 to -7 degrees C across central Argentina, burning back vegetative wheat. In southern Brazil, moderate rain (20-70 mm) fell across eastern Rio Grande do Sul and Santa Catarina, favoring reproductive winter wheat. Mostly dry weather prevailed across Parana and southern Mato Grosso do Sul, aiding early filling wheat. During July, above-normal rainfall aided wheat in Rio Grande do Sul and, despite below-normal rainfall in Parana, sufficient soil moisture still existed for winter grains. Weekly temperatures averaged 2 to 4 degrees C below normal in central Argentina and 2 to 4 degrees C above normal in southern Brazil.



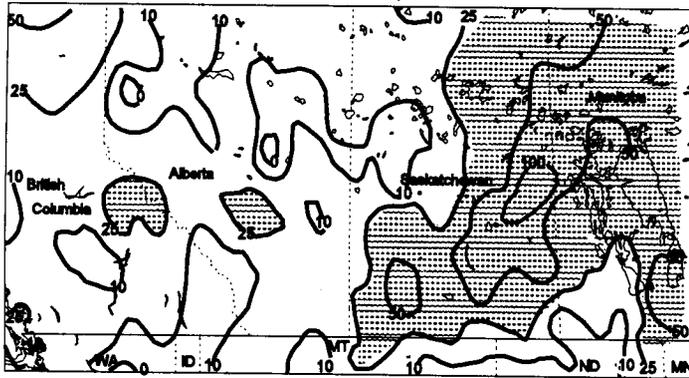


**MEXICO**

Remnants of Tropical Storm Gabrielle moved across northern Mexico early in the week, producing very beneficial showers (5-40 mm) for pastures and irrigation supplies. Heavier amounts (25-80 mm) were reported in Chihuahua and portions of Sinaloa, increasing irrigation supplies for the western vegetable areas. Widespread seasonable showers (25-80 mm, with isolated amounts greater than 150 mm) covered the southern Plateau corn belt, benefiting filling corn. Light to moderate showers (5-30 mm) favored corn across the Yucatan Peninsula. Temperatures averaged near normal across the country. In July, near-normal rainfall favored corn across the main corn belt, with portions of southwest corn belt (southern Jalisco and western Michoacan) receiving below-normal rainfall. Rainfall again averaged below normal across the north and northeast in July, continuing the long-term drought, but scattered areas in the region did receive near-normal rainfall. The Yucatan Peninsula reported near- to above-normal rainfall in July, aiding corn.

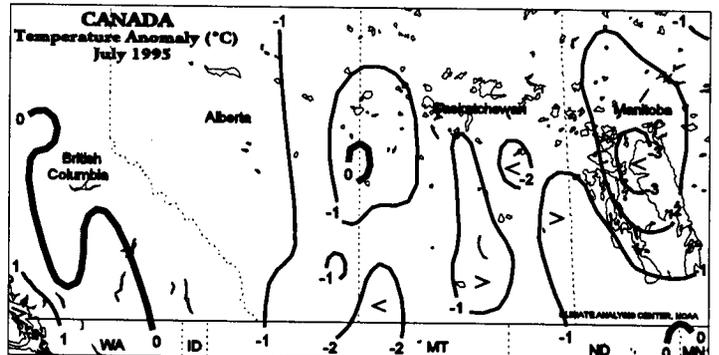
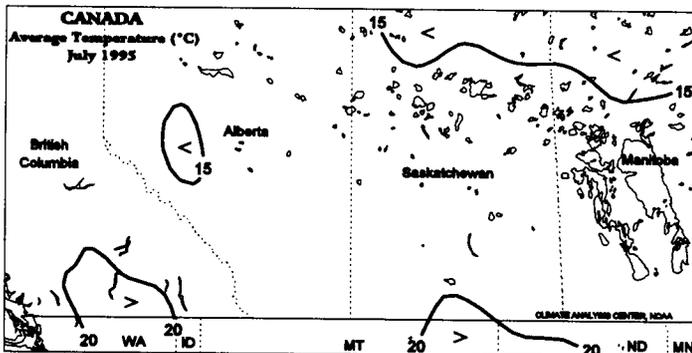
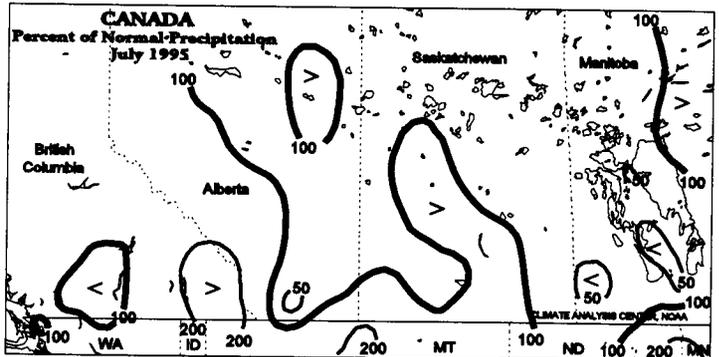
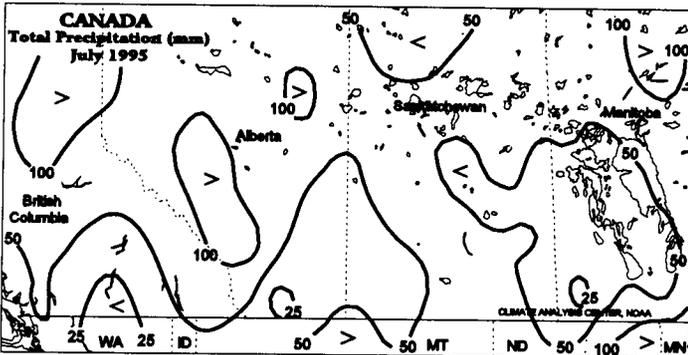


**CANADA Total Precipitation (mm)**  
AUG 13 - 19, 1995



**CANADA**

Widespread, locally heavy showers (10-50 mm or more, exceeding 100 mm in spots) soaked Prairie grains and oilseeds. While providing needed moisture for filling grains and oilseeds, rainy, windy weather in the past 2 weeks resulted in some lodging and raised concerns for the quality of maturing grains. Temperatures averaged 2 to 3 degrees C below normal over all but the southeast, maintaining unfavorably cool conditions for crops late in development. In fact, temperatures dipped below 5 degrees C in western fringe crop areas. In the southeast, temperatures briefly reached the low to mid 30's C. In Ontario and Quebec, rainfall was variable (2-44 mm), with warmer-than-normal weather (3-5 degrees C above normal) enhancing crop growth and raising moisture demands for corn and soybeans. In July, beneficial rain covered central and southern crop areas during the first week, but a drying trend enveloped the areas for the remainder of the month. In contrast, northern crop areas continued their drying trend until mid-July, when scattered showers stabilized reproductive to filling grains and oilseeds in the northwest and northeast. July temperatures were 1 to 2 degrees C below normal, putting crops further behind in development, but periodic heat outbreaks in the southeast caused some brief heat stress. In Ontario and Quebec, timely showers beginning in mid-July benefited reproductive corn and soybeans following a spell of hot, dry weather.



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## Crop Progress and Condition

Week Ending August 20, 1995

**Corn Crop Condition  
by Percent**

State	VP	P	F	G	EX
CO	1	3	23	54	19
GA	0	8	54	38	0
IL	1	7	32	52	8
IN	1	8	32	51	8
IA	1	5	24	51	19
KS	0	2	27	62	9
KY	0	4	26	56	14
MI	1	5	16	52	26
MN	1	4	18	49	28
MO	1	9	43	39	8
NE	4	12	33	45	6
NC	0	2	16	64	18
OH	1	6	24	49	20
PA	4	8	22	44	22
SD	1	4	31	50	14
TX	0	1	8	65	26
WI	0	2	12	65	21
ALL	1	6	26	52	15
Prev Wk	1	6	27	52	14
Prev Yr	1	2	16	59	22

**Cotton Crop Condition  
by Percent**

State	VP	P	F	G	EX
AL	6	29	55	9	1
AZ	1	19	25	36	19
AR	1	5	29	43	22
CA	0	0	5	80	15
GA	0	26	60	14	0
LA	1	4	31	60	4
MS	7	15	31	36	11
MO	0	2	20	53	25
NM	0	1	32	52	15
NC	2	5	46	44	3
OK	3	17	22	54	4
SC	0	10	55	35	0
TN	0	1	12	70	17
TX	2	11	24	54	9
ALL	2	11	28	49	10
Prev Wk	1	7	32	49	11
Prev Yr	0	6	38	50	6

**Sorghum Crop Condition  
by Percent**

State	VP	P	F	G	EX
AR	0	5	22	58	15
CO	0	3	20	67	10
IL	2	5	36	54	3
KS	0	3	23	65	9
LA	0	8	33	56	3
MS	1	3	29	49	18
MO	0	9	37	43	11
NE	1	16	49	33	1
NM	29	27	21	22	1
OK	0	2	12	85	1
SD	0	15	31	49	5
TX	1	7	25	58	9
ALL	1	7	28	57	7
Prev Wk	1	6	28	56	9
Prev Yr	0	7	32	55	6

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