

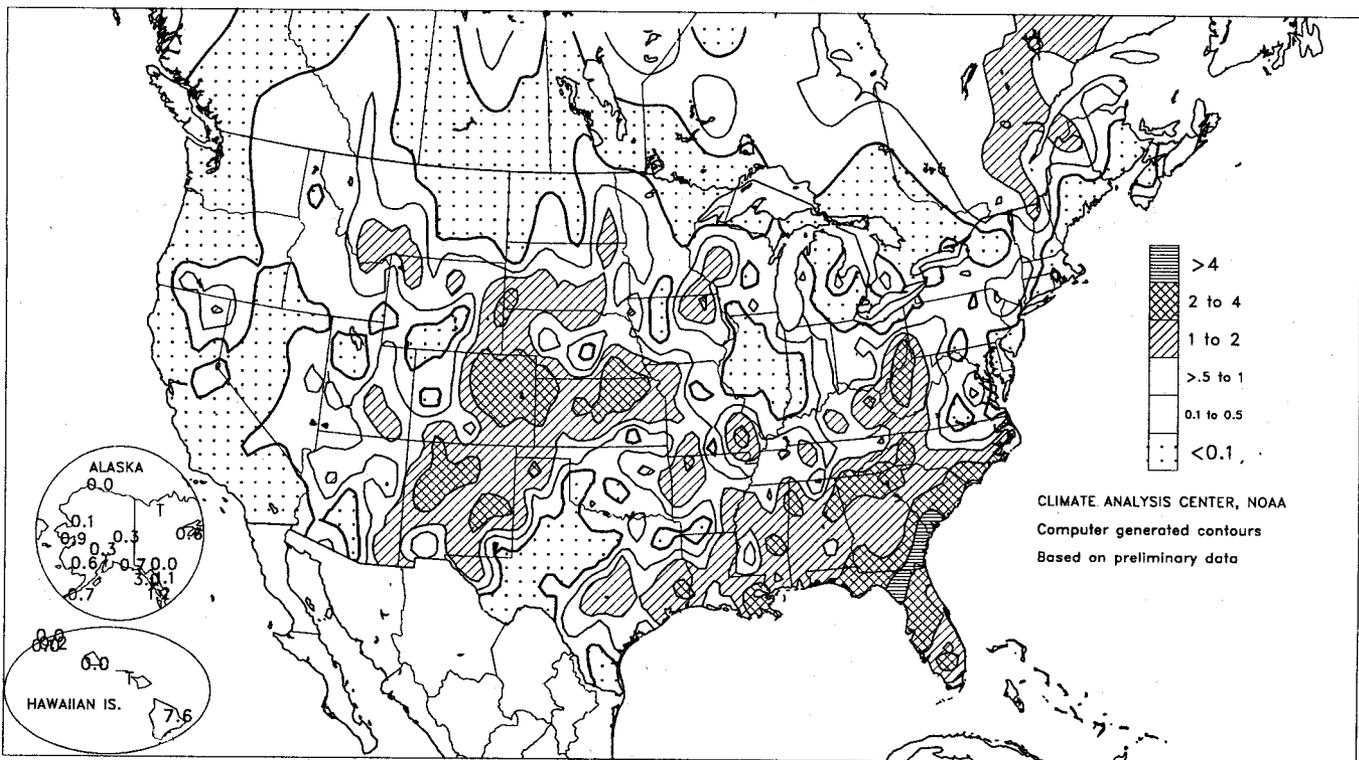
WEEKLY WEATHER AND CROP BULLETIN

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

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

Total Precipitation (Inches)

JUL 27 - AUG 2, 1997



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

HIGHLIGHTS

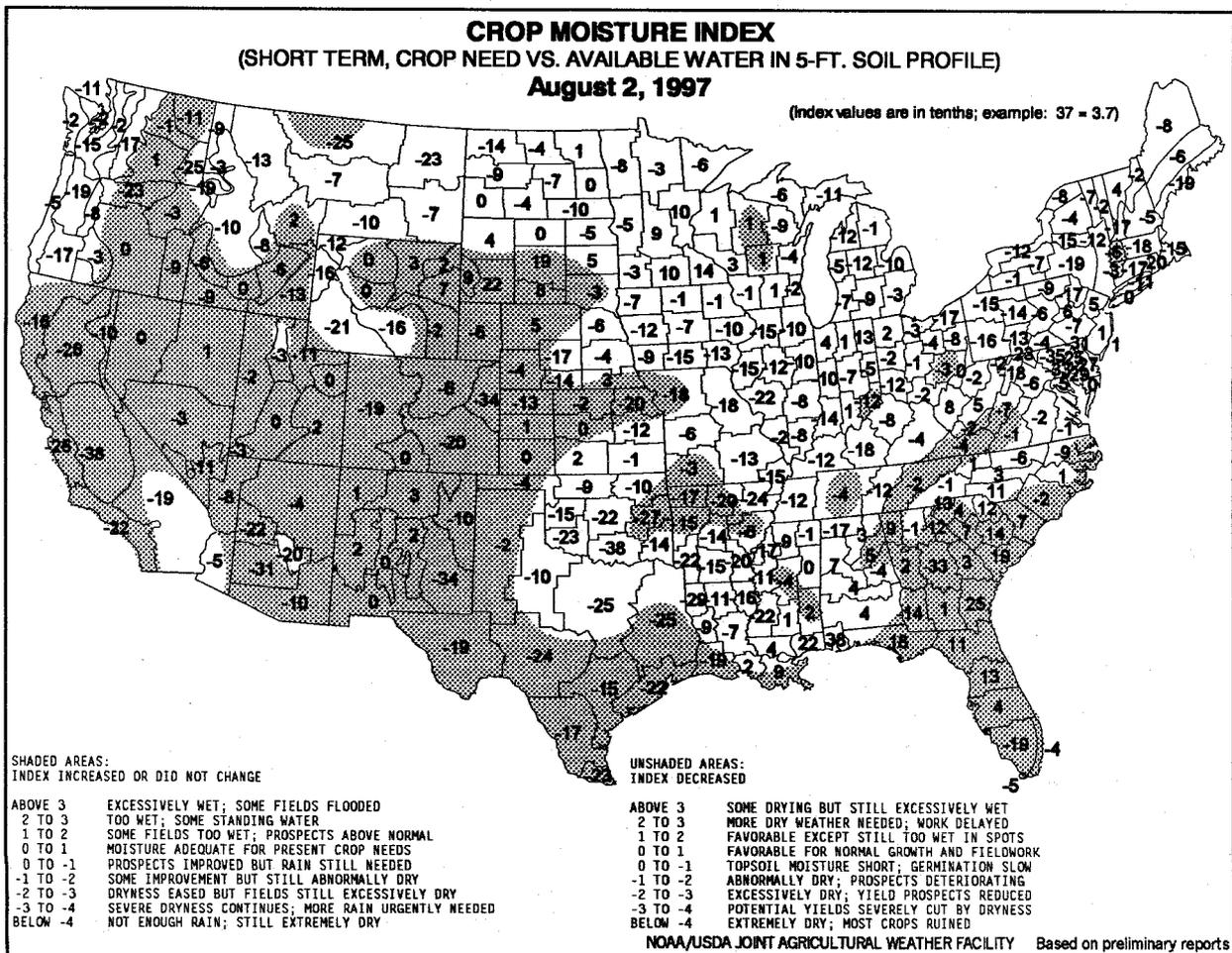
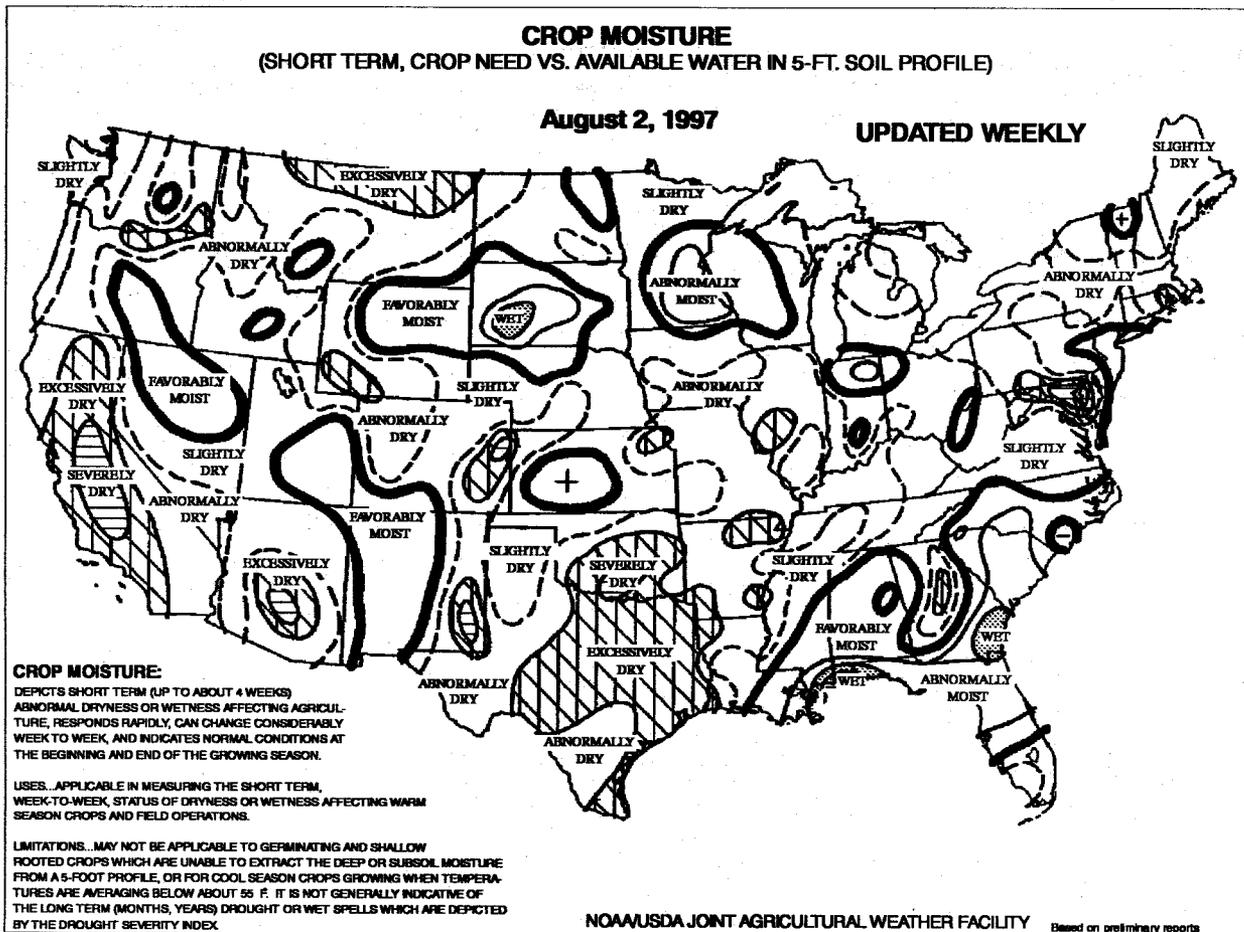
July 27 - August 2, 1997

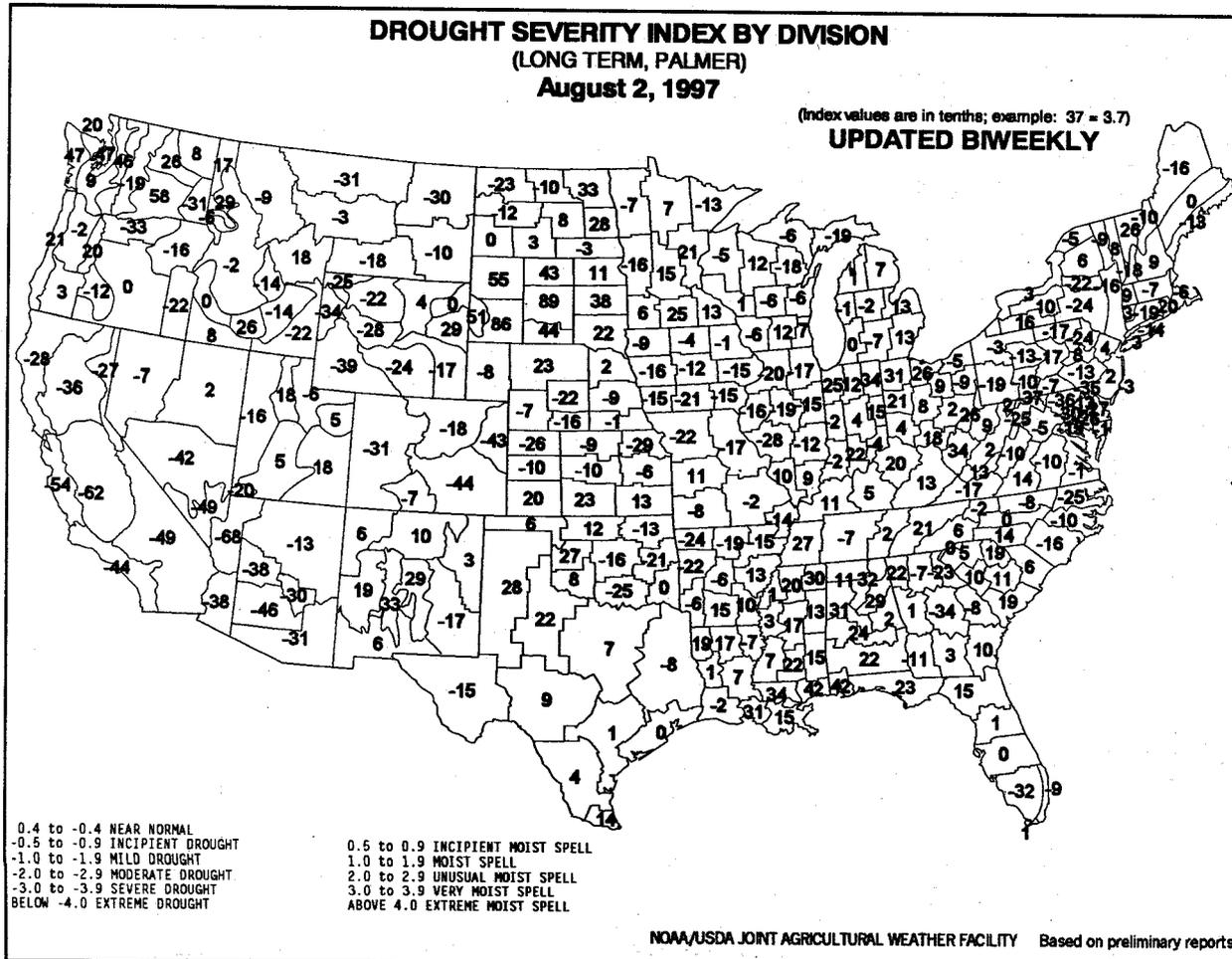
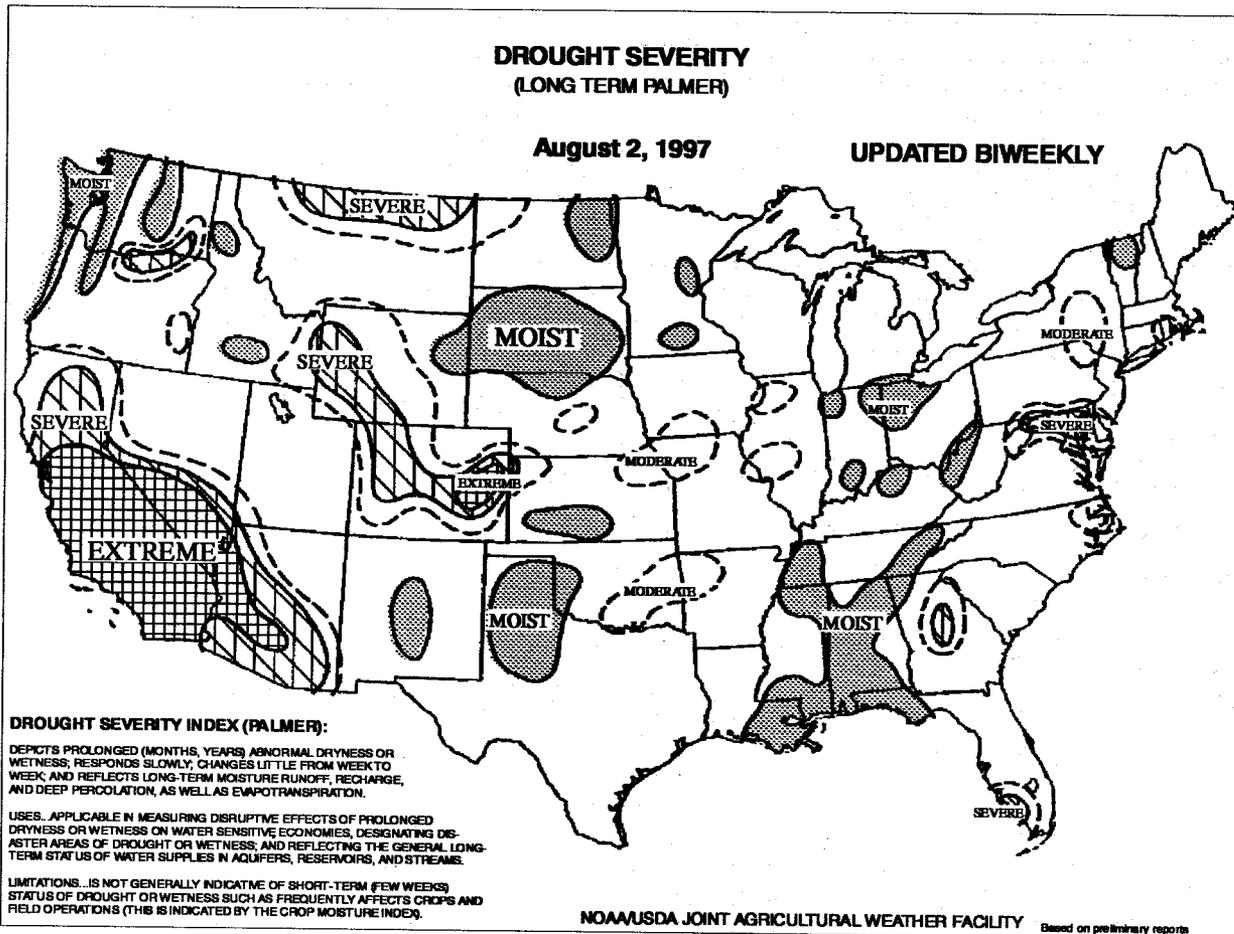
Early-week heat yielded to sharply cooler conditions across the Midwest and East, resulting in more than five dozen daily-record lows between July 30 and August 2. Nevertheless, only scattered showers dampened dry topsoils from the central Corn Belt to the Middle and Northern Atlantic Coast. In contrast, flash flooding struck the central High Plains and adjacent foothills, especially in Fort Collins, CO, as monsoonal moisture interacted with a frontal boundary. Heavy rain also fell in parts of the Southeast and Southwest. Hot (up to 3°F above normal), dry weather prevailed in the Northwest and parts of Texas, but clouds and rainfall held readings as much as 5°F below normal in the Southwest. Midwestern temperatures averaged up to 3°F below normal.

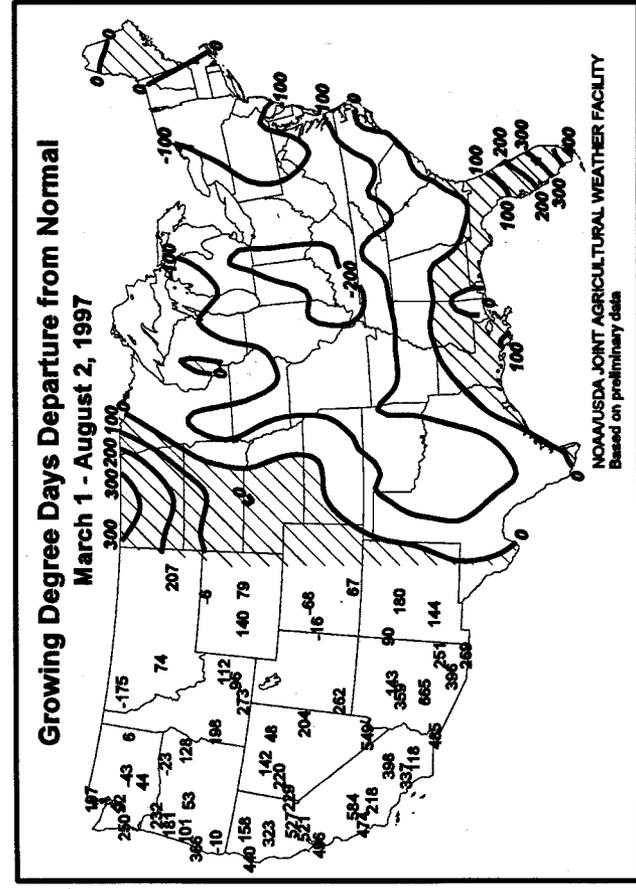
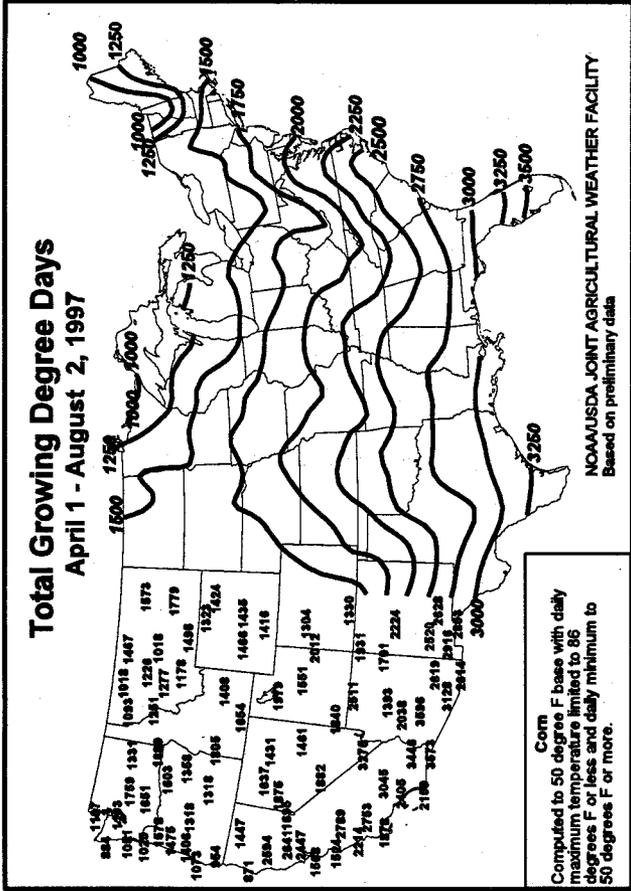
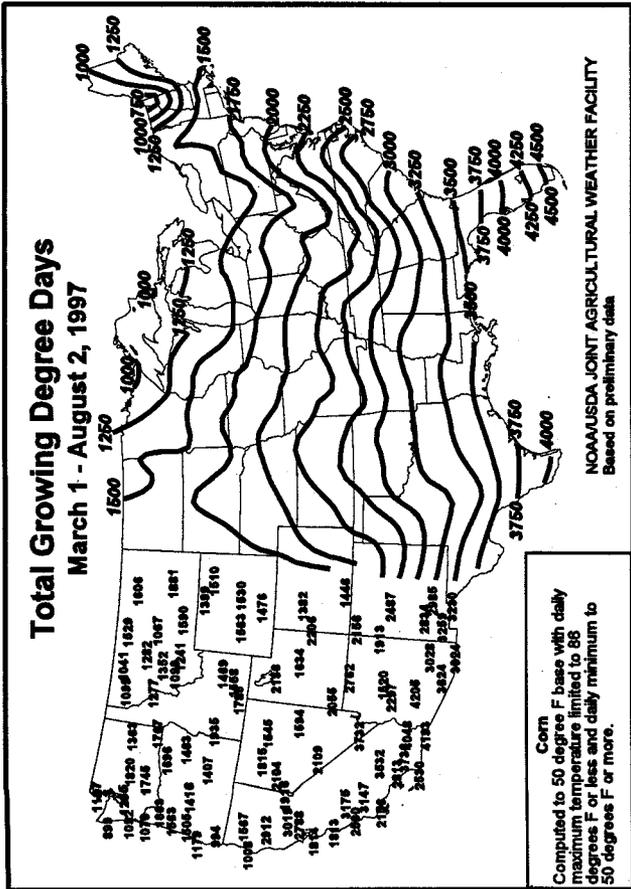
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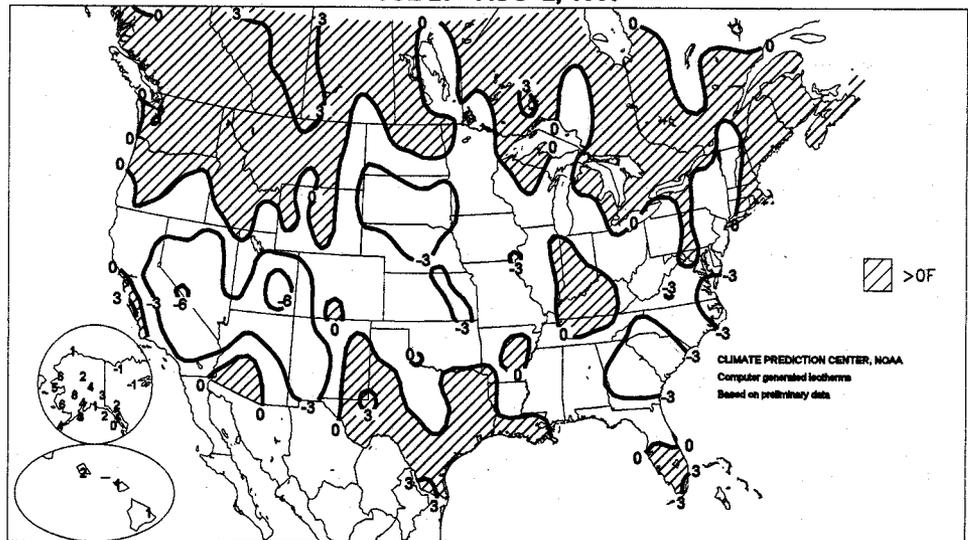
Early in the week, very hot weather continued from the **central and southern Plains** eastward. **Indianapolis, IN**, notched 99°F on July 26 and 27, their highest readings since the mercury also hit 99°F on July 14, 1995. **Nashville, TN** also recorded 99°F on Sunday, their highest since August 30, 1995. On Monday, **Washington, DC** reached 100°F for the third time this year (also on June 25 and July 17), their first multiple triple-digit days in a summer since 1993.

Heat persisted for most of the week across the **South Central States**. On Tuesday, triple-digit heat arrived in **Dallas-Ft. Worth, TX** (101°F) for the first time this year. **Wichita Falls, TX** (100°F) logged its 10th such day. Farther north, however, **International Falls, MN** (39°F) marked a daily-record low. A day later, both **Binghamton, NY** and **Scranton, PA** registered 47°F. On Thursday, **Elkins, WV** tallied 42°F.

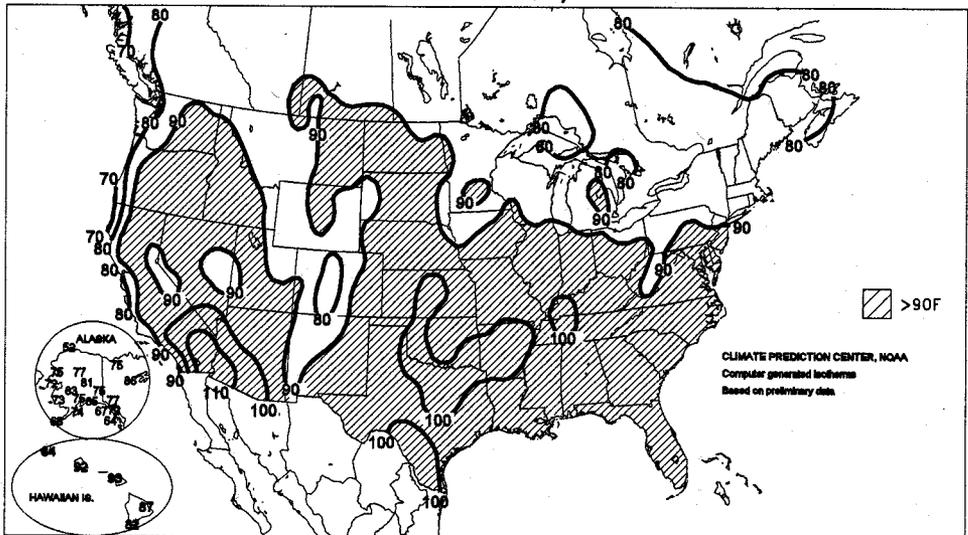
Cool weather continued across the **East** at week's end. In **Asheville, NC**, lows of 49°F on August 1 and 2 represented their earliest sub-50° readings, breaking the record set on August 5, 1985. On Friday, lows dipped below 60°F as far south as **Augusta, GA** (56°F). Meanwhile, daily-record heat arrived along the **southern California Coast**. On Saturday, highs soared to 103°F in **Pasadena** and 99°F in **Long Beach**.

On Monday night, as much as 8 to 10 inches of rain swamped the 10-square-mile **Spring Creek** basin, flooding **Ft. Collins, CO** and killing five people. The next day, torrential rains struck again, totaling 2.02 inches in 34 minutes at **Colorado Springs, CO** and 2.80 inches in 39 minutes at **Amarillo, TX**. **Colorado Springs** netted a record 1-hour rainfall (2.96 inches), breaking their record of 1.55 inches on July 11, 1967, and a near-record 24-hour total (3.65 inches), second only to a 3.73-inch amount on August 1-2, 1976. Nearby **Denver** received a 24-hour, July-record total of 2.71 inches on Wednesday.

Departure of Average Temperature from Normal (°F)
JUL 27 - AUG 2, 1997



Extreme Maximum Temperature (°F)
JUL 27 - AUG 2, 1997



Meanwhile, **Phoenix, AZ** absorbed 0.16 inches of rain on July 30, ending their sixth-longest precipitation-free streak at 117 days. In **Texas**, however, July rainfall totaled only a trace in **San Antonio** and **Brownsville**. Across the **central Corn Belt**, monthly totals were as low as 0.89 inches (sixth driest July on record) in **Springfield, IL** and 0.55 inches (second driest) in **Indianapolis, IN**. In contrast, **Melbourne, FL** posted consecutive daily-rainfall records on July 30-31 (2.17 and 1.87 inches, respectively). On August 1, **Jacksonville, FL** measured 3.73 inches, a daily-record total.

In **Alaska**, highs of 78°F (on Monday) in **King Salmon** and 72°F (on Tuesday) in **Nome** were among several daily-record highs, as weekly temperatures ranged from 1 to 8°F above normal. Meanwhile, a tropical disturbance soaked **Hilo, HI** with more than 7 inches of rain, but also induced warm conditions in leeward (downslope) areas. **Honolulu's** highs of 92°F on Monday and Thursday were daily records.

National Weather Data for Selected Cities

Weather Data for the Week Ending August 2, 1997

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 Jun 1	PCT. NORMAL SINCE Jun 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP., °F		PRECIP.		
																80 AND ABOVE	32 AND BELOW	01 INCH OR MORE	50 INCH OR MORE	
AL BIRMINGHAM	88	69	96	60	78	-2	1.05	-0.03	-	11.02	119	34.85	98	93	61	3	0	-	-	
AL HUNTSVILLE	90	68	97	60	79	0	0.31	-0.67	0.18	7.50	81	34.07	95	92	50	4	0	2	0	
AL MOBILE	88	73	93	68	81	-2	0.33	-1.31	0.17	27.02	219	58.25	149	94	64	4	0	3	0	
AL MONTGOMERY	90	71	95	65	80	-1	0.90	-0.27	0.70	6.28	67	30.10	88	92	57	4	0	2	1	
AK ANCHORAGE	69	56	75	53	63	4	0.03	-0.43	0.03	1.95	65	3.96	59	90	62	0	0	1	0	
AK BARROW	46	35	52	32	41	1	0.00	-0.25	0.00	1.13	88	1.37	68	96	76	0	1	0	0	
AK FAIRBANKS	75	54	81	50	65	4	0.27	-0.19	0.19	1.64	49	2.39	43	78	43	0	0	2	0	
AK JUNEAU	66	51	72	48	58	2	-	-	-	-	-	-	-	95	66	0	0	-	-	
AK KODIAK	65	52	74	47	58	3	0.17	-0.74	0.10	3.22	37	35.94	101	95	77	0	0	2	0	
AK NOME	63	51	72	42	57	5	0.88	0.31	0.61	2.93	85	6.98	104	93	73	0	0	3	1	
AZ FLAGSTAFF	79	48	86	43	64	-3	0.06	-0.66	0.04	0.45	13	6.84	54	84	29	0	0	2	0	
AZ PHOENIX	104	86	111	82	95	1	0.17	-0.05	0.16	0.17	17	1.87	62	40	18	7	0	2	0	
AZ PRESCOTT	86	61	91	56	74	1	0.20	-0.65	0.13	0.56	14	4.89	48	67	24	1	0	3	0	
AZ TUCSON	98	74	104	71	86	0	0.58	-0.03	0.31	0.74	27	3.26	58	62	27	7	0	4	0	
AZ YUMA	108	83	113	81	96	1	0.00	-0.11	0.00	0.02	6	0.57	44	48	18	7	0	0	0	
AR FORT SMITH	92	71	102	67	82	0	0.97	0.31	0.97	7.71	118	24.17	100	91	49	4	0	1	1	
AR LITTLE ROCK	92	73	100	64	82	0	0.45	-0.33	-	8.81	130	35.90	125	87	48	3	0	2	0	
CA BAKERSFIELD	95	67	98	65	81	-4	0.00	0.00	0.00	0.00	0	2.99	78	62	33	7	0	0	0	
CA EUREKA	63	53	64	50	58	1	0.00	-0.05	0.00	1.26	191	19.33	92	89	67	0	0	0	0	
CA FRESNO	96	65	99	64	81	-1	0.00	0.00	0.00	0.00	0	3.51	51	62	23	7	0	0	0	
CA LOS ANGELES	76	64	84	63	70	0	0.01	0.00	0.01	0.04	400	4.25	55	87	58	0	0	1	0	
CA REDDING	96	64	100	59	80	-2	0.00	-0.05	0.00	1.56	214	16.58	87	65	21	7	0	0	0	
CA SACRAMENTO/MCCLELL	83	61	97	59	77	-	0.00	-	0.00	0.61	-	9.26	-	80	22	6	0	0	0	
CA SAN DIEGO	75	66	84	64	71	-2	0.00	0.00	0.00	0.00	0	3.54	57	81	59	0	0	0	0	
CA SAN FRANCISCO	71	57	75	56	64	1	0.00	0.00	0.00	0.28	233	8.82	72	89	61	0	0	0	0	
CA ALAMOSA	78	53	83	49	66	0	0.74	0.46	0.48	1.73	90	3.97	99	90	44	0	0	3	0	
CA CO SPRINGS	82	59	86	58	71	0	3.94	3.22	3.55	10.09	188	15.35	149	93	44	0	0	5	1	
CA DENVER	82	61	88	60	72	-2	3.50	3.09	1.95	7.50	198	11.24	110	93	52	0	0	6	2	
CA GRAND JUNCTION	85	63	94	60	74	-5	0.20	0.03	0.14	0.56	48	5.44	115	82	32	2	0	3	0	
CA PUEBLO	89	62	94	59	78	-2	0.23	-0.29	0.10	3.44	99	7.11	102	84	34	4	0	3	0	
CT BRIDGEPORT	84	68	86	60	75	0	0.00	-0.82	0.00	5.67	78	22.08	88	82	49	0	0	0	0	
CT HARTFORD	86	60	89	50	73	-1	0.07	-0.67	0.07	5.84	81	19.78	78	86	41	0	0	1	0	
DC WASHINGTON	82	69	100	63	81	0	0.16	-0.73	0.16	4.09	55	19.06	85	78	34	5	0	1	0	
DE WILMINGTON	86	65	92	57	78	-1	0.00	-0.90	0.00	4.81	60	14.26	58	85	41	2	0	0	0	
FL DAYTONA BEACH	90	72	93	70	81	-1	0.54	-0.71	0.31	11.41	97	23.27	89	96	62	3	0	4	0	
FL JACKSONVILLE	88	73	93	68	80	-1	5.54	4.07	3.70	18.26	156	32.31	111	95	68	4	0	5	3	
FL KEY WEST	90	81	91	78	85	1	0.12	-0.75	0.08	11.78	131	21.15	107	80	61	6	0	3	0	
FL MIAMI	92	80	92	78	86	3	0.14	-1.18	0.06	20.86	135	41.13	133	85	61	7	0	5	0	
FL ORLANDO	91	73	93	72	82	0	4.00	2.43	1.89	18.09	120	32.26	112	99	58	6	0	5	2	
FL TAMPA	89	77	91	75	83	0	0.88	-0.74	0.43	8.74	70	24.01	97	88	64	5	0	5	0	
FL VALPARAISO/EGLIN	86	74	91	68	80	-1	3.50	1.58	2.17	14.13	95	42.10	111	96	71	4	0	6	2	
FL WEST PALM BEACH	92	78	94	73	84	1	0.61	-0.65	0.54	15.02	103	35.30	108	95	60	7	0	4	1	
GA ATHENS	88	65	96	58	76	-4	1.86	0.82	1.77	8.92	109	29.21	91	95	57	3	0	2	1	
GA ATLANTA	85	68	92	58	78	-3	0.33	-0.74	0.19	8.65	98	31.05	95	94	59	2	0	3	0	
GA AUGUSTA	87	68	94	58	77	-5	1.63	0.82	1.24	9.50	110	25.25	88	97	58	3	0	3	1	
GA COLUMBUS	89	70	96	62	79	-3	0.46	-0.68	0.27	10.43	105	32.88	98	90	58	4	0	4	0	
GA MACON	88	68	96	60	78	-3	0.73	-0.22	0.48	2.96	36	22.13	78	94	61	3	0	2	0	
GA SAVANNAH	87	71	94	64	79	-3	4.90	3.29	2.42	17.66	141	30.89	102	97	69	4	0	4	2	
HI HILO	85	70	87	68	77	1	7.58	5.25	6.85	42.64	258	88.82	117	92	63	0	0	7	1	
HI HONOLULU	90	76	92	73	83	2	0.00	-0.13	0.00	0.92	81	15.32	130	78	52	3	0	0	0	
HI KAHULUI	89	71	92	65	80	1	-	-	-	-	-	-	-	88	55	2	0	-	-	
HI LIHUE	83	75	83	73	80	1	-	-	-	-	-	-	-	86	71	0	0	-	-	
ID BOISE	90	61	96	58	76	1	0.17	0.11	0.08	1.79	153	8.20	112	71	29	4	0	4	0	
ID LEWISTON	90	63	97	57	77	1	0.00	-0.15	0.00	2.04	104	10.69	139	71	25	4	0	0	0	
ID POCATELLO	85	54	91	51	70	-2	0.41	0.27	0.17	2.83	166	7.56	101	92	32	2	0	4	0	
IL CHICAGO/O'HARE	84	63	92	58	73	0	0.02	-0.85	0.02	4.06	53	15.83	77	81	44	2	0	1	0	
IL MOLINE	87	62	97	53	75	0	1.48	0.41	-	5.81	60	19.82	83	86	38	2	0	1	0	
IL PEORIA	86	64	96	57	75	0	0.00	-0.83	0.00	2.18	26	14.93	69	84	41	2	0	0	0	
IL ROCKFORD	85	60	91	51	72	-1	0.00	-0.92	0.00	6.39	72	19.38	92	86	39	1	0	0	0	
IL SPRINGFIELD	86	62	96	53	74	-2	0.00	-0.77	0.00	2.28	32	12.04	57	90	45	1	0	0	0	
IN EVANSVILLE	88	68	98	57	77	-1	0.00	-0.85	0.00	5.60	72	30.84	114	90	46	2	0	0	0	
IN FORT WAYNE	82	61	91	53	72	-2	0.75	-0.03	0.70	9.44	130	25.70	124	92	52	1	0	3	1	
IN INDIANAPOLIS	87	64	98	58	76	0	0.13	-0.85	0.13	3.76	46	22.69	93	85	48	2	0	1	0	
IN SOUTH BEND	83	60	89	53	71	-2	0.71	-0.12	0.89	5.10	62	17.15	78	89	48	0	0	2	1	
IA BURLINGTON	-	-	-	-	-	-	0.13	-0.78	-	5.01	59	18.65	88	-	-	0	0	-	-	
IA CEDAR RAPIDS	86	61	96	54	73	-1	0.00	-0.91	0.00	3.84	43	15.38	78	89	40	2	0	0	0	
IA DES MOINES	84	65	92	59	74	-2	0.00	-0.88	0.00	7.93	93	17.85	90	84	53	2	0	0	0	
IA DUBUQUE	80	60	88	52	70	-3	0.01													

Weather Data for the Week Ending August 2, 1997

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 JUN 1	PCT. NORMAL SINCE JUN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP.	
																		01 INCH OR MORE	50 INCH OR MORE		
KY WICHITA	89	68	97	63	79	-3	0.00	-0.64	0.00	9.17	120	20.74	115	81	48	3	0	0	0	0	
JACKSON	85	65	92	59	75	0	0.15	-0.93	0.12	11.60	120	33.85	111	88	56	2	0	0	0	0	
LEXINGTON	87	65	96	56	76	0	0.87	-0.42	0.39	13.00	145	45.72	165	84	45	2	0	0	2	0	
LOUISVILLE	89	69	97	62	79	2	0.36	-0.62	0.22	9.76	118	43.73	157	79	42	2	0	0	2	0	
PADUCAH	89	67	100	61	78	-1	0.40	-0.47	0.40	9.38	111	37.72	124	93	49	2	0	0	1	0	
LA BATON ROUGE	90	73	94	70	82	-1	1.09	-0.46	0.81	12.22	106	46.25	124	96	64	5	0	0	3	1	
LAKE CHARLES	90	76	94	73	83	0	1.99	0.81	1.12	7.05	67	40.04	130	95	62	3	0	0	2	2	
NEW ORLEANS	90	77	93	75	83	1	1.30	-0.11	1.19	10.98	89	34.91	93	90	62	5	0	0	3	1	
SHREVEPORT	94	75	100	70	84	1	0.00	-0.69	0.00	7.09	87	43.56	153	90	51	6	0	0	0	0	
ME CARIBOU	79	55	87	50	67	2	1.15	0.19	0.50	7.19	100	21.32	109	93	49	0	0	0	5	1	
PORTLAND	85	59	89	53	72	3	0.00	-0.86	0.00	2.80	42	19.06	76	80	39	0	0	0	0	0	
MD BALTIMORE	90	65	97	54	77	0	0.41	-0.45	0.41	4.49	59	20.64	86	89	34	3	0	0	1	0	
MA BOSTON	87	68	91	62	77	3	0.00	-0.88	0.00	1.96	32	15.74	66	70	34	3	0	0	0	0	
WORCESTER	81	63	84	57	72	2	0.00	-0.85	0.00	4.15	52	21.40	78	74	41	0	0	0	0	0	
MI ALPENA	83	56	90	47	69	2	0.10	-0.60	0.10	3.36	54	16.41	101	88	40	1	0	0	1	0	
GRAND RAPIDS	83	59	87	54	71	-1	0.01	-0.71	0.01	4.77	67	17.69	91	90	43	0	0	0	1	0	
HOUGHTON LAKE	82	53	88	44	67	0	0.01	-0.63	0.01	4.97	86	15.47	101	91	42	0	0	0	1	0	
LANSING	83	56	88	46	69	-2	0.00	-0.58	0.00	3.58	56	15.60	92	88	42	0	0	0	0	0	
MARQUETTE	-	-	-	-	-	-	0.02	-0.61	-	5.06	77	20.28	107	-	-	0	0	-	-	-	
MUSKEGON	80	59	85	52	69	-1	0.22	-0.36	0.20	5.24	113	15.59	95	89	49	0	0	0	2	0	
DULUTH	78	56	86	49	67	0	0.00	-0.83	0.00	7.34	96	13.17	78	87	42	0	0	0	0	0	
INT'L FALLS	79	48	86	39	63	-4	0.00	-0.74	0.00	5.21	67	10.06	70	97	42	0	0	0	0	0	
MINNEAPOLIS	82	63	91	58	72	-1	0.47	-0.33	0.35	16.64	213	22.39	129	90	53	1	0	0	2	0	
ROCHESTER	78	60	85	51	69	-2	0.33	-0.60	0.28	11.65	142	21.14	120	92	60	0	0	0	4	0	
ST. CLOUD	81	58	89	53	70	-1	0.00	-0.74	0.00	9.48	120	14.56	90	94	50	0	0	0	0	0	
MS JACKSON	92	71	97	63	82	0	0.06	-0.95	0.06	9.61	121	37.61	110	97	54	6	0	0	0	0	
MERIDIAN	89	70	94	63	80	-2	2.14	1.07	2.11	10.13	112	40.67	112	99	63	4	0	0	3	1	
TUPELO	88	69	96	60	79	-2	1.02	0.16	0.99	15.93	191	46.33	132	96	57	2	0	0	3	1	
MO COLUMBIA	88	64	99	56	76	-2	0.00	-0.76	0.00	3.63	44	21.15	90	84	39	3	0	0	0	0	
KANSAS CITY	85	66	98	60	76	-3	0.16	-0.77	0.16	5.05	54	18.51	83	88	52	1	0	0	1	0	
SAINT LOUIS	89	69	98	59	79	-1	0.00	-0.78	0.00	2.15	28	17.54	77	77	44	3	0	0	0	0	
SPRINGFIELD	88	66	96	58	77	-2	0.11	-0.50	0.07	4.50	55	21.16	86	88	43	3	0	0	2	0	
MT BILLINGS	85	59	90	57	72	-1	0.13	-0.04	0.08	5.78	194	9.85	98	87	40	1	0	0	5	0	
BUTTE	81	47	85	44	64	0	1.06	0.80	0.40	9.88	284	18.02	226	91	34	0	0	0	4	0	
GLASGOW	88	60	95	51	74	2	0.11	-0.23	-	4.15	108	7.60	102	69	24	3	0	0	3	0	
GREAT FALLS	85	56	88	45	70	1	0.06	-0.22	0.06	5.20	140	10.16	99	80	30	0	0	0	1	0	
KALISPELL	84	52	88	44	68	3	0.22	-0.02	0.09	4.54	134	12.97	130	92	34	0	0	0	6	0	
MILES CITY	87	62	96	57	75	-1	0.10	-0.17	0.06	4.76	108	8.30	86	71	29	4	0	0	2	0	
MISSOULA	85	63	88	46	69	1	0.39	0.18	0.18	3.92	141	11.36	133	88	35	0	0	0	5	0	
NE GRAND ISLAND	86	66	94	60	76	-1	0.28	-0.31	0.28	5.84	84	12.06	74	89	51	1	0	0	1	0	
LINCOLN	87	66	94	60	76	-2	0.92	0.20	0.43	6.99	95	14.29	82	88	56	3	0	0	3	0	
NORFOLK	84	63	91	56	73	-2	0.31	-0.31	0.23	5.81	74	13.26	78	89	55	1	0	0	2	0	
NORTH PLATTE	82	64	90	61	73	-2	0.57	0.01	0.17	5.94	90	8.61	61	90	62	1	0	0	6	0	
OMAHA	84	65	89	60	75	-2	1.40	0.66	-	7.68	101	13.93	76	88	58	0	0	0	-	-	
SCOTTSBLUFF	83	62	93	60	73	-2	1.93	1.57	0.89	5.77	120	15.80	141	96	54	1	0	0	6	1	
VALENTINE	80	62	92	58	71	-4	1.36	0.71	1.07	8.65	142	15.30	121	96	56	1	0	0	4	1	
NV ELY	83	49	88	44	66	-2	0.28	0.11	0.26	2.23	134	5.99	96	69	19	0	0	0	2	0	
LAS VEGAS	96	78	106	71	87	-4	0.21	0.10	0.17	0.80	120	0.84	36	41	14	7	0	0	2	0	
RENO	87	50	90	45	69	-4	0.02	-0.04	0.02	1.22	165	5.59	121	76	21	2	0	0	1	0	
WINNEMUCCA	90	51	94	44	71	-2	0.09	0.03	0.09	2.46	212	5.63	112	67	16	4	0	0	1	0	
NH CONCORD	85	58	89	46	71	1	0.00	-0.75	0.00	4.84	70	18.81	92	86	35	0	0	0	0	0	
NJ NEWARK	87	68	92	60	78	-1	0.02	-0.99	0.02	9.02	113	26.06	99	77	42	2	0	0	1	0	
NM ALBUQUERQUE	82	64	88	62	73	-5	1.36	0.99	0.56	3.09	150	5.94	131	88	46	0	0	0	6	1	
NY ALBANY	84	57	88	47	71	-1	0.36	-0.37	0.36	2.72	39	13.46	64	90	44	0	0	0	1	0	
BINGHAMTON	79	58	86	47	68	-1	0.02	-0.75	0.02	4.71	64	16.24	76	84	48	0	0	0	1	0	
BUFFALO	78	62	80	52	70	-1	0.14	-0.85	0.14	4.92	72	21.85	106	87	50	0	0	0	1	0	
ROCHESTER	80	58	84	50	69	-1	0.40	-0.27	0.17	5.10	86	16.99	96	93	45	0	0	0	3	0	
SYRACUSE	82	61	86	50	72	1	0.03	-0.79	0.02	4.36	58	15.50	71	78	42	0	0	0	2	0	
NC ASHEVILLE	81	59	90	49	70	-3	0.78	-0.29	0.63	11.28	124	34.56	121	97	60	1	0	0	4	1	
CHARLOTTE	88	68	96	62	78	-2	0.56	-0.34	0.24	15.79	209	32.29	124	91	50	3	0	0	4	0	
GREENSBORO	85	64	97	56	75	-3	0.38	-0.61	0.32	5.97	89	24.83	97	90	48	2	0	0	3	0	
HATTERAS	81	70	88	66	76	-3	2.64	1.38	1.67	7.72	82	27.56	89	89	69	0	0	0	4	2	
RALEIGH	87	65	97	58	76	-3	0.19	-0.75	0.19	10.35	130	26.73	105	92	50	3	0	0	1	0	
WILMINGTON	84	68	95	62	76	-4	3.26	1.44	1.97	11.25	77	25.30	76	94	67	2	0	0	3	2	
ND BISMARCK	83</																				

Weather Data for the Week Ending August 2, 1997

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN, SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL IN, SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	92 AND BELOW	TEMP. °F		PRECIP.	
																		01 INCH OR MORE	50 INCH OR MORE		
OK TOLEDO	84	62	89	53	73	1	0.01	-0.71	0.01	4.82	64	21.47	112	83	45	0	0	1	0		
OK YOUNGSTOWN	83	55	88	46	69	-1	0.00	-0.85	0.00	4.80	58	15.39	70	89	38	0	0	0	0		
OK OKLAHOMA CITY	92	71	98	67	82	-1	0.00	-0.52	0.00	5.82	82	17.13	84	86	47	5	0	0	0		
OR TULSA	90	72	98	66	81	-2	0.92	0.29	0.92	11.42	148	22.44	94	83	48	3	0	1	1		
OR ASTORIA	70	52	72	48	61	0	0.01	-0.21	0.01	6.00	165	47.78	133	96	63	0	0	1	0		
OR BURNS	84	49	91	43	67	0	0.23	0.13	0.10	0.98	77	6.53	115	85	42	1	0	3	0		
OR EUGENE	84	50	90	46	67	-1	0.00	-0.13	0.00	1.97	98	22.95	87	91	36	1	0	0	0		
OR MEDFORD	90	61	94	58	75	1	0.61	0.55	0.61	2.05	241	10.63	112	78	32	4	0	1	1		
OR PENDLETON	90	59	98	55	75	1	0.39	0.30	0.33	1.41	136	6.50	79	74	30	3	0	2	0		
OR PORTLAND	83	59	88	58	71	2	0.00	-0.15	0.00	3.36	155	26.59	137	80	39	0	0	0	0		
PA SALEM	84	54	88	50	69	1	0.00	-0.11	0.00	1.81	93	26.39	127	85	36	0	0	0	0		
PA ALLENTOWN	84	60	88	50	72	-2	0.11	-0.85	0.11	8.76	107	21.32	84	89	45	0	0	1	0		
PA ERIE	79	62	82	52	70	-2	0.01	-0.79	0.01	7.21	93	25.08	114	85	51	0	0	1	0		
PA MIDDLETOWN	88	65	95	57	77	1	0.33	-0.44	-	7.23	94	18.72	77	87	43	3	0	-	-		
PA PHILADELPHIA	87	66	94	59	76	-1	0.00	-0.95	0.00	5.53	67	21.12	84	82	32	2	0	0	0		
PA PITTSBURGH	83	59	91	51	71	-1	0.18	-0.62	0.16	4.66	61	18.94	83	84	42	1	0	2	0		
PA SCRANTON	84	57	87	47	70	-1	0.00	-0.80	0.00	3.89	49	13.06	61	83	43	0	0	0	0		
PA WILLIAMSPORT	86	57	92	48	72	-1	0.02	-0.81	0.02	3.17	37	12.49	52	91	41	1	0	1	0		
RI PROVIDENCE	86	64	91	57	75	2	0.00	-0.76	0.00	3.07	45	19.81	78	80	37	2	0	0	0		
SC BEAUFORT	87	72	94	65	79	-2	3.73	2.11	1.89	13.06	100	27.69	90	98	68	3	0	3	3		
SC CHARLESTON	86	71	94	63	78	-4	2.60	0.97	1.90	22.12	161	37.44	119	96	65	3	0	4	2		
SC COLUMBIA	88	66	96	57	77	-4	1.25	-0.11	1.19	13.24	124	29.26	94	99	55	3	0	2	1		
SC GREENVILLE	85	65	95	57	75	-3	0.54	-0.43	0.41	12.04	124	33.07	104	92	54	1	0	3	0		
SD ABERDEEN	81	60	93	54	71	-3	0.00	-0.55	0.00	4.08	67	9.58	76	95	56	2	0	0	0		
SD HURON	80	63	91	58	72	-3	1.57	1.05	0.67	10.10	164	16.08	116	91	62	2	0	4	2		
SD RAPID CITY	80	60	88	56	70	-3	1.23	0.84	0.47	7.85	147	18.47	158	95	58	0	0	5	0		
SD SIOUX FALLS	80	62	89	53	71	-3	0.17	-0.42	0.15	6.72	108	14.75	101	90	58	0	0	2	0		
TN BRISTOL	82	61	93	51	72	-3	1.84	0.95	1.30	7.60	94	30.16	118	93	56	1	0	3	1		
TN CHATTANOOGA	90	68	97	61	79	0	2.17	1.18	1.61	10.15	118	36.72	111	99	53	4	0	2	2		
TN KNOXVILLE	88	67	93	59	77	0	0.00	-0.94	0.00	9.46	106	36.31	121	92	51	2	0	0	0		
TN MEMPHIS	90	73	98	66	81	-1	0.43	-0.41	0.43	11.10	146	51.29	163	86	50	2	0	1	0		
TN NASHVILLE	90	70	99	64	80	0	2.52	1.65	2.52	9.87	127	33.97	116	90	50	2	0	1	1		
TX ABILENE	95	72	98	69	84	-1	0.00	-0.50	0.00	7.13	140	16.19	120	80	36	7	0	0	0		
TX AMARILLO	91	65	96	59	78	-1	3.97	3.34	3.49	8.43	129	18.15	151	86	42	5	0	3	1		
TX AUSTIN	95	75	98	71	85	0	0.60	0.21	0.59	9.58	163	28.83	152	90	44	7	0	2	1		
TX BEAUMONT	91	76	94	74	84	0	1.43	0.25	1.07	9.38	83	31.66	99	96	66	8	0	4	1		
TX BROWNSVILLE	95	77	98	76	86	1	0.10	-0.31	0.10	1.57	33	15.39	124	93	54	7	0	1	0		
TX CORPUS CHRISTI	96	75	98	74	86	1	0.27	-0.27	0.15	2.52	42	18.39	118	96	48	7	0	2	0		
TX DEL RIO	99	77	100	78	88	2	0.00	-0.35	0.00	4.47	110	17.71	172	82	35	7	0	0	0		
TX EL PASO	91	70	94	68	81	-1	0.22	-0.16	0.09	2.01	87	4.22	107	82	37	5	0	3	0		
TX FORT WORTH	96	76	101	72	86	0	0.00	-0.48	0.00	5.00	92	25.55	124	84	43	7	0	0	0		
TX GALVESTON	90	79	92	75	85	1	0.88	0.00	0.88	2.54	29	29.86	133	88	64	6	0	1	1		
TX HOUSTON	93	74	96	72	83	0	0.01	-0.73	0.01	6.00	68	35.98	136	97	55	5	0	1	0		
TX LUBBOCK	93	69	96	67	81	1	0.14	-0.39	0.14	5.56	105	15.65	149	77	36	8	0	1	0		
TX MIDLAND	96	72	98	71	84	2	0.00	-0.37	0.00	5.53	166	10.45	134	70	29	7	0	0	0		
TX SAN ANGELO	97	71	99	68	84	1	0.00	-0.25	0.00	3.30	95	16.02	147	80	30	7	0	0	0		
TX SAN ANTONIO	97	76	99	75	86	1	0.00	-0.46	0.00	6.50	108	20.31	114	91	42	7	0	0	0		
TX VICTORIA	96	75	99	74	86	1	1.87	1.25	1.87	6.31	75	44.15	210	97	50	7	0	1	1		
TX WACO	97	74	101	69	86	-1	0.21	-0.14	0.20	5.77	108	28.84	150	90	41	7	0	2	0		
TX WICHITA FALLS	98	73	102	69	85	0	0.00	-0.37	0.00	2.19	41	13.79	80	81	35	7	0	0	0		
UT SALT LAKE CITY	90	65	97	61	77	-1	0.05	-0.14	0.05	2.57	140	11.43	114	67	24	4	0	1	0		
VT BURLINGTON	82	58	86	49	70	-1	0.29	-0.59	0.16	6.64	90	15.85	84	84	41	0	0	2	0		
VA LYNCHBURG	84	60	92	49	71	-5	0.06	-0.86	0.04	5.74	73	21.30	88	93	43	1	0	2	0		
VA NORFOLK	84	68	91	61	76	-3	0.05	-1.13	0.04	7.09	77	18.94	70	91	55	2	0	2	0		
VA RICHMOND	87	64	94	56	76	-3	0.00	-1.14	0.00	7.06	79	20.96	81	90	45	3	0	0	0		
VA ROANOKE	85	62	94	50	74	-3	0.16	-0.78	0.10	7.99	108	20.19	85	89	47	2	0	3	0		
VA WASH/DULLES	90	61	97	50	76	0	0.35	-0.48	0.35	3.72	49	17.21	73	89	33	3	0	1	0		
WA HANFORD	94	64	100	60	79	-	0.05	-	0.03	0.66	-	3.77	112	54	22	6	0	2	0		
WA OLYMPIA	80	49	84	44	64	0	0.00	-0.19	0.00	4.13	166	37.87	142	95	42	0	0	0	0		
WA QUILLAYUTE	70	45	73	40	57	-2	0.00	-0.54	0.00	9.43	162	74.54	130	96	58	0	0	0	0		
WA SEATTLE-TACOMA	77	55	81	53	66	0	0.00	-0.17	0.00	3.09	133	27.50	143	81	41	0	0	0	0		
WA SPOKANE	87	59	92	51	73	3	0.01	-0.14	0.01	1.39	70	11.70	122	72	24	1	0	1	0		
WV YAKIMA	89	57	94	49	73	2	0.04	0.00	-	0.93	133	3.39	79	78	25	3	0	-	-		
WV BECKLEY	80	57	87	48	68	-2	2.39	1.42	1.50	8.79	100	26.04	102	98	54	0	0	2	2		
WV CHARLESTON	84	62	91	56	73	-2	2.06	0.96	1.68	11.15	126	29.10	113	99	58	2	0	3	1		
WV ELKINS	81	53	86	42	67	-2	0.62	-0.40	0.28	6.28	68	25.61	95	98	50	0	0	4	0		
WV HUNTINGTON	85	63	93	58	74	-1	0.88	-0.15	0.88	8.95	106	25.57	100	94	53	2	0	1	1		
WI EAU CLAIRE	82	59	90	49	71	-1	1.19	0.25	1.15	14.13	168	20.84	113	92	49	1	0	2	1		
WI GREEN BAY	80	56	87	48	68	-2	0.27	-0.45	0.27	7.62	114	16.40	102	94	49	0	0	1	0		
WI MADISON	79	58	86	50	68	-3	0.13	-0.70	0.09	11.00	151	20.25	115	96	54	0	0	3	0		
WI MILWAUKEE	78	61	88	54	69	-2	0.06	-0.74	0.06	12.03	173	20.89	109	86	54	0	0	1	0		
WY CASPER	85	58	90	55	71	-1	0.08	-0.14	0.08	2.80	101	7.56	88	87	35	1	0	1	0		
WY CHEYENNE	77	57	83	55	67	-2	2.38	1.94	1.21	6.30	147	11.82	118	93	52	0	0	4	2		
WY LANDER	83	58	88	54	71	-1	0.81	0.68	0.43	3.05	132	7.62	85	77	33	0	0	2	0		
WY SHERIDAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

Based on 1961-90 normals

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

National Agricultural Summary

July 28 - August 3, 1997

HIGHLIGHTS

Corn and soybean conditions declined in the central Corn Belt as crops showed signs of stress from lack of moisture. Temperatures, fortunately, turned cooler and moderated the stress slightly. Dry, sunny weather in the upper Missouri Valley provided favorable winter wheat harvest conditions. However, the lack of moisture stressed spring grains. In the

Southeast, rainfall kept fields moist in most areas. Monsoonal moisture caused flash flooding in eastern Colorado, damaging some fields along rivers and streams, but providing much-needed rainfall to others. Continued hot, dry weather in Texas and Oklahoma caused dryland crop conditions to decline and irrigation operations to remain active.

Winter wheat: Nationwide, 86 percent (%) of the winter wheat acreage was harvested, ahead of both 84% at this time last year and for the 5-year average. Harvest progressed swiftly in Montana as warm, dry weather dominated the northern Plains. South Dakota's wheat farmers harvested nearly one-fourth of their State's wheat acreage, but progress remained behind average. In Washington and Oregon, winter wheat harvest progressed behind the normal pace, but gained momentum as growers took advantage of dry, sunny weather. Wet, humid conditions delayed harvest in Idaho.

Corn: Corn was silking on 85% of the Nation's acreage, compared with 69% in 1996 and the average of 75%. Several States in the northern and eastern Corn Belt recorded significant increases in the amount of acreage silking. Corn condition declined in central Corn Belt States as the crop showed signs of stress from lack of moisture. Many of the driest corn fields in Illinois and Missouri began to fire (or dry) as high up as the ear. Iowa's crops continued to progress in mostly good condition, despite areas that were dealing with low moisture and high insect populations. Overall, corn remained in mostly good condition. Corn harvest was underway in the Southern States.

Soybeans: Soybeans bloomed on 81% of the acreage, ahead of 66% last year and the average of 73%. Thirty-eight percent of the acreage was setting pods, also ahead of last year and the average. Fields in the Southeast progressed behind the normal pace due to late planting. Elsewhere, soybean development was generally ahead of normal. Like corn, lack of moisture in the central Corn Belt stressed soybeans and caused the condition to decline. In Indiana, crop conditions remained good in areas that have received timely rains. However, many areas have not been as fortunate. Row crop conditions improved in southeast Nebraska, but continued to decline in the central and south-central areas. Soybeans in the Southeast looked better where rain was received, but some fields still showed drought stress. Overall, soybeans rated mostly good to fair.

Cotton: Cotton was setting bolls on 80% of the national acreage, behind 85% in 1996 but ahead of the average of 78%. Progress was ahead of normal in Texas and the western cotton-producing States, but behind normal elsewhere. Bolls were opening on 4%

of the acreage, behind both 1996 and the average. Nationwide, cotton condition rated mostly good to fair. Showers along the Gulf and southern Atlantic Coasts improved condition. Lack of moisture in Missouri stressed the cotton acreage. In Texas, cotton fields benefited from the hot weather, but dryland fields began showing signs of moisture stress. Harvest operations increased slowly in southern areas of the State. After a slow start in New Mexico, the cotton crop continued to mature quickly.

Rice: Rice heading reached 46% complete, behind both the 61% of a year ago and the average of 52%. Rice fields in California headed nearly 2 weeks ahead of normal, while fields in the Southeast headed behind the normal pace. Condition of the rice crop was virtually unchanged from last week and rated mostly good.

Other Small Grains: Spring wheat and barley harvests were just underway. Normally at this time, 4% of the spring wheat acreage and 7% of the barley acreage is harvested. Lack of moisture stressed both the spring wheat and barley acreage in the northern High Plains. In North Dakota, wet, cool weather promoted the development of head and foliar diseases in small grains, causing condition to decline considerably. Small grain development in North Dakota advanced well ahead of last year and the average. Condition of both crops rated mostly good to fair. Oat producers in Iowa and Ohio made good harvest progress, cutting 44% and 35%, respectively, of their States' acreage. Nationwide, oat harvest advanced to 28% complete, ahead of last year but equal to the average. Oat condition rated mostly good to fair.

Other Crops: Fifty-five percent of the sorghum acreage was heading, 2 percentage points ahead of 1996 and 6 points ahead of the average. Twenty-one percent of the acreage was turning color, 3 points behind both 1996 and the average. Condition of the sorghum acreage in Illinois and Missouri declined due to dry conditions. In Kansas, Nebraska, and New Mexico, cooler weather and showers benefited the crop. Peanuts were pegging on 91% of the national acreage, behind 94% in 1996. Condition of the peanut crop improved with rainfall in the Southeast and rated mostly good. In Georgia, peanut condition improved slightly, but development was slightly behind the average.

Crop Progress and Condition

Week Ending August 3, 1997

Soybeans Percent Blooming

	Aug 3 1997	Prev Week	Prev Year	5-Yr Avg
AL	51	35	57	56
AR	51	36	65	54
GA	70	57	63	63
IL	91	74	60	77
IN	79	65	48	79
IA	95	87	83	83
KS	86	75	84	65
KY	32	19	48	59
LA	91	82	93	81
MI	68	53	33	63
MN	93	80	81	82
MS	75	61	87	74
MO	72	62	61	61
NE	93	74	87	77
NC	32	28	39	41
OH	89	78	50	81
SC	46	33	49	45
SD	80	62	64	63
TN	40	33	56	55
ALL	81	68	66	73

These 19 States produced 94% of the 1996 soybean crop.

Soybeans Percent Setting Pods

	Aug 3 1997	Prev Week	Prev Year	5-Yr Avg
AL	22	14	27	30
AR	12	6	35	25
GA	41	26	37	34
IL	40	17	18	35
IN	32	15	9	28
IA	58	29	34	46
KS	40	20	36	26
KY	12	7	23	23
LA	66	56	57	52
MI	22	0	0	15
MN	36	16	26	36
MS	42	39	68	43
MO	29	15	22	26
NE	40	9	34	32
NC	15	10	23	18
OH	38	14	4	34
SC	20	18	22	19
SD	50	25	23	27
TN	16	9	25	22
ALL	38	18	25	33

These 19 States produced 94% of the 1996 soybean crop.

Winter Wheat Percent Harvested

	Aug 3 1997	Prev Week	Prev Year	5-Yr Avg
AR	100	100	100	100
CA	99	99	99	99
CO	97	95	95	93
GA	100	100	100	100
ID	10	4	19	21
IL	100	98	98	97
IN	99	89	97	97
KS	100	100	100	98
MI	92	65	67	82
MO	100	100	100	97
MT	39	10	13	9
NE	97	88	93	89
NC	100	100	100	100
OH	97	84	98	96
OK	100	100	100	100
OR	44	30	37	48
SD	46	22	53	59
TX	100	100	100	100
WA	27	6	26	41
ALL	86	79	84	84

These 19 States produced 92% of the 1996 winter wheat crop.

Oats Percent Harvested

	Aug 3 1997	Prev Week	Prev Year	5-Yr Avg
IA	77	33	66	68
MI	25	0	18	16
MN	9	0	18	19
NE	94	82	79	72
ND	0	0	1	2
OH	51	16	42	48
PA	45	29	39	35
SD	20	14	25	30
WI	20	2	9	17
ALL	28	14	25	26

These 9 States produced 56% of the 1996 oat crop.

Corn Percent Silking

	Aug 3 1997	Prev Week	Prev Year	5-Yr Avg
CO	66	31	76	53
GA	100	100	100	100
IL	94	74	73	88
IN	77	40	52	81
IA	92	70	72	73
KS	98	90	100	88
KY	73	60	78	88
MI	47	15	28	54
MN	94	72	76	75
MO	95	83	90	79
NE	91	70	87	77
NC	95	91	98	97
OH	61	21	41	71
PA	62	30	65	60
SD	71	22	43	45
TX	97	90	98	94
WI	75	27	33	49
ALL	85	60	69	75

These 17 States produced 90% of the 1996 corn crop.

Peanuts Percent Pegging

	Aug 3 1997	Prev Week	Prev Year	5-Yr Avg
AL	85	79	99	NA
FL	99	99	99	NA
GA	98	93	99	NA
NC	85	80	84	NA
OK	96	91	98	NA
SC	68	64	88	NA
TX	78	68	82	NA
VA	99	72	98	NA
ALL	91	84	94	NA

These 8 States produced 99% of the 1996 peanut crop.

Rice Percent Headed

	Aug 3 1997	Prev Week	Prev Year	5-Yr Avg
AR	27	12	60	50
CA	40	10	18	8
LA	76	66	78	78
MS	60	52	78	61
TX	65	58	96	83
ALL	46	30	61	52

These 5 States produced 96% of the 1996 rice crop.

Crop Progress and Condition

Week Ending August 3, 1997

Cotton Percent Setting Bolls

	Aug 3 1997	Prev Week	Prev Year	5-Yr Avg
AL	61	52	86	85
AZ	98	95	98	97
AR	97	82	100	94
CA	90	70	97	90
GA	90	80	97	95
LA	96	94	100	97
MS	95	84	100	94
MO	85	72	99	93
NM	89	86	94	79
NC	70	60	82	79
OK	25	17	74	60
SC	64	49	89	82
TN	84	73	100	93
TX	71	52	70	60
ALL	80	65	85	78

These 14 States produced 99% of the 1996 cotton crop.

Cotton Percent Bolls Opening

	Aug 3 1997	Prev Week	Prev Year	5-Yr Avg
AL	0	NA	0	0
AZ	15	NA	29	19
AR	1	NA	0	0
CA	5	NA	0	1
GA	0	NA	4	2
LA	0	NA	0	1
MS	2	NA	1	0
MO	0	NA	0	0
NM	0	NA	0	0
NC	1	NA	4	1
OK	0	NA	0	0
SC	1	NA	0	0
TN	0	NA	0	0
TX	7	NA	14	11
ALL	4	NA	7	5

These 14 States produced 99% of the 1996 cotton crop.

Barley Percent Harvested

	Aug 3 1997	Prev Week	Prev Year	5-Yr Avg
ID	5	NA	5	10
MN	2	NA	6	7
MT	1	NA	1	2
ND	1	NA	2	3
SD	5	NA	14	21
WA	6	NA	11	29
ALL	2	NA	4	7

These 6 States produced 82% of the 1996 barley crop.

Sorghum Percent Headed

	Aug 3 1997	Prev Week	Prev Year	5-Yr Avg
AR	71	47	84	82
CO	18	12	17	17
IL	46	17	5	34
KS	46	22	46	29
LA	86	78	98	93
MS	97	91	95	88
MO	61	40	50	53
NE	37	10	17	26
NM	10	3	4	17
OK	19	15	49	41
SD	39	16	16	18
TX	76	67	77	79
ALL	55	37	53	49

These 12 States produced 99% of the 1996 sorghum crop.

Sorghum Percent Coloring

	Aug 3 1997	Prev Week	Prev Year	5-Yr Avg
AR	11	6	48	32
CO	0	0	0	0
IL	5	0	0	4
KS	4	0	4	1
LA	32	19	53	48
MS	55	42	57	45
MO	5	1	5	8
NE	0	0	0	0
NM	0	0	0	0
OK	5	3	19	10
SD	6	1	4	1
TX	54	50	58	64
ALL	21	18	24	24

These 12 States produced 99% of the 1996 sorghum crop.

Spring Wheat Percent Harvested

	Aug 3 1997	Prev Week	Prev Year	5-Yr Avg
ID	2	NA	4	7
MN	2	NA	7	7
MT	1	NA	1	1
ND	0	NA	0	1
SD	4	NA	4	15
ALL	1	NA	2	4

These 5 States produced 96% of the 1996 spring wheat crop.

Soybeans Crop Condition by Percent

	VP	P	F	G	EX
AL	11	11	48	27	3
AR	2	12	36	42	8
GA	0	5	29	58	8
IL	3	11	39	43	4
IN	3	7	31	50	9
IA	1	3	21	59	16
KS	0	4	21	58	17
KY	1	11	36	46	6
LA	2	12	28	54	4
MI	2	12	33	45	8
MN	1	8	28	51	12
MS	2	9	26	52	11
MO	5	20	43	27	5
NE	1	4	29	56	10
NC	0	2	22	74	2
OH	2	6	27	47	18
SC	0	2	11	64	23
SD	1	4	19	49	27
TN	0	6	39	45	10
ALL	2	8	30	49	11
Prev Wk	2	7	29	50	12
Prev Yr	3	9	31	47	10

Corn Crop Condition by Percent

	VP	P	F	G	EX
CO	3	7	19	52	19
GA	0	1	21	70	8
IL	3	13	36	42	6
IN	3	9	31	50	7
IA	1	3	19	57	20
KS	1	6	23	52	18
KY	3	17	40	35	5
MI	4	9	33	43	11
MN	1	3	16	58	22
MO	5	19	38	32	6
NE	2	6	25	52	15
NC	1	18	27	53	1
OH	1	6	25	47	21
PA	17	30	35	15	3
SD	1	3	15	52	29
TX	0	2	25	52	21
WI	0	2	9	52	37
ALL	2	7	25	50	16
Prev Wk	2	6	24	51	17
Prev Yr	3	8	27	47	15

Crop Progress and Condition

Week Ending August 3, 1997

Cotton Crop Condition by Percent					
	VP	P	F	G	EX
AL	11	20	35	30	4
AZ	0	0	19	59	22
AR	0	19	39	39	3
CA	0	0	0	65	35
GA	0	4	30	52	14
LA	2	12	37	42	7
MS	3	7	22	60	8
MO	5	26	39	29	1
NM	0	9	20	58	13
NC	2	3	27	66	2
OK	0	4	22	69	5
SC	1	3	17	67	12
TN	1	7	32	54	6
TX	2	10	35	42	11
ALL	2	9	30	48	11
Prev Wk	3	11	31	45	10
Prev Yr	3	10	25	46	16

Sorghum Crop Condition by Percent					
	VP	P	F	G	EX
AR	2	13	41	42	2
CO	4	5	18	64	9
IL	3	12	37	45	3
KS	1	5	23	55	16
LA	0	5	37	56	2
MS	0	4	32	52	12
MO	5	13	43	34	5
NE	3	10	35	48	4
NM	1	5	35	59	0
OK	0	13	24	61	2
SD	0	1	15	71	13
TX	1	7	32	45	15
ALL	1	7	29	51	12
Prev Wk	1	7	29	50	13
Prev Yr	2	7	25	52	14

Oats Crop Condition by Percent					
	VP	P	F	G	EX
IA	1	3	24	57	15
MI	3	12	39	39	7
MN	2	10	39	45	4
NE	0	6	39	51	4
ND	4	23	44	28	1
OH	0	4	25	63	8
PA	0	5	30	50	15
SD	2	4	25	61	8
WI	1	3	16	61	19
ALL	2	9	31	49	9
Prev Wk	3	7	31	49	10
Prev Yr	0	4	30	57	9

Barley Crop Condition by Percent					
	VP	P	F	G	EX
ID	0	1	8	68	23
MN	4	17	26	51	2
MT	0	5	38	42	15
ND	3	16	40	39	2
SD	0	7	28	59	6
WA	0	0	4	72	24
ALL	2	10	31	48	9
Prev Wk	2	9	30	50	9
Prev Yr	2	7	30	50	11

Spring Wheat Crop Condition by Percent					
	VP	P	F	G	EX
ID	0	0	11	64	25
MN	4	14	50	30	2
MT	1	8	49	38	4
ND	5	18	41	34	2
SD	0	7	25	53	15
ALL	3	13	41	38	5
Prev Wk	2	11	37	44	6
Prev Yr	2	9	33	48	8

Peanuts Crop Condition by Percent					
	VP	P	F	G	EX
AL	0	9	40	36	15
FL	0	0	3	67	30
GA	0	3	29	59	9
NC	0	3	24	68	5
OK	0	0	32	66	2
SC	0	0	9	86	5
TX	0	3	21	60	16
VA	0	5	25	60	10
ALL	0	4	27	57	12
Prev Wk	1	6	29	54	10
Prev Yr	3	8	26	54	9

Rice Crop Condition by Percent					
	VP	P	F	G	EX
AR	0	3	21	60	16
CA	0	0	50	50	0
LA	0	3	40	50	7
MS	0	7	20	69	4
TX	0	0	30	62	8
ALL	0	2	31	58	9
Prev Wk	0	2	32	52	14
Prev Yr	0	2	24	59	15

VP - Very Poor

P - Poor

F - Fair

G - Good

EX - Excellent

National crop conditions for selected States are weighted based on 1996 planted acres.

State Agricultural Summaries

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

ALABAMA: Days suitable for fieldwork 4.8. Topsoil 6% very short, 21% short, 64% adequate, and 9% surplus. Corn dented 80%, 80% 1996, 78% avg. Corn mature 41%, 36% 1996, 39% avg.; harvested 7%, 4% 1996, 8% avg.; 3% very poor, 5% poor, 25% fair, 56% good, 11% excellent. Livestock 3% poor, 25% fair, 65% good, 7% excellent. Heat stress on livestock, poultry was high in some localities.

ALASKA: Days suitable for haying 4.5. Topsoil 35% short, 65% adequate. Subsoil 45% short, 55% adequate. Potatoes 90% in bloom. First crop hay harvest 95% complete. Height second crop timothy, brome 12 inches. Barley 60% in dough, 40% turning color. Barley 10% poor, 40% fair, 50% good. Oats 65% in dough, 35% turning color. Commercial vegetable harvest continues.

ARIZONA: Harvest of alfalfa rated 11% moderate, 42% active, 46% finished. Crop 40% fair, 57% good, 3% excellent. This represents a moderate decline from last week and is fairly typical for this time of year. The State fruit and vegetable industry is seasonally slow. Central growers harvested some cantaloupe, honeydews, speciality melons during the past week. Light volume of sweet corn, carrots shipped by central area growers.

ARKANSAS: Days suitable for fieldwork 6. Soil moisture supplies 27% very short, 46% short, 26% adequate, 1% surplus. Main farming activities: Irrigation of crops, harvest of hay, cotton pest control. Other farm activity: Soybean weed control, rice disease control, peach harvest, tomato field clean-up in preparation for fall vegetable crops. Pastures dry. Corn 4% poor, 25% fair, 51% good and 20% excellent. Alfalfa hay 13% poor, 34% fair, 52% good, 1% excellent. Other hay 2% very poor, 17% poor, 45% fair, 34% good, 2% excellent. Pasture 3% very poor, 27% poor, 44% fair, 25% good, 1% excellent.

CALIFORNIA: Field activities progressed normally under favorable conditions in most areas. Grain harvests of wheat, barley began in higher elevation fields. Small grain stubble was baled for straw or disced under in preparation for next year's crop. Rice was growing well in the Sacramento and San Joaquin Valleys. Cotton was blooming, setting bolls in the San Joaquin, Sacramento valleys. Cotton growers were actively spraying for aphids, lygus, mites, whiteflies, worms, weeds. Harvest of corn for silage continued in central and southern counties. Seed alfalfa harvest was underway in the central and southern San Joaquin Valley. Blackeye beans nearing maturity in southern counties. Some fields treated for worms. Garbanzo beans, safflower, sugar beets harvested. Alfalfa, sudangrass cut for hay or greenchopped. Almond harvest continued in the southern San Joaquin Valley and on the westside of Fresno County. The Fuji apple harvest began as the harvest of Gala apples continued. Prune sizes were generally smaller than last year. Table grape harvesting was still ahead of last year. Raisin growers were preparing beds for drying. Peach, nectarine, plum, and fig harvests continued. Valencia orange picking continued. Citrus orchards treated for scale, topped, hedged, irrigated. Lemons, grapefruit packed. Broccoli, cauliflower, lettuce harvested in the coastal areas. Processing tomato harvest continued. Whitewash sprayed on some processing tomatoes to prevent sunburn. Harvest of carrots in Kings, Kern Counties continued. Potato harvest progressed in Kern County. Pumpkins were developing normally. Harvesting of melons was increasing in the Sacramento Valley, while declining in the southern San Joaquin Valley. Sweet corn fields treated to control worms. Bell peppers sprayed to control whitefly, aphids, worms. Ground preparation for fall vegetables in Imperial County continued. Other crops harvested were: Sweet corn, bell peppers, radishes, carrots, bell peppers, eggplant, squash, cucumbers, onions, okra, green

beans, sweetpotatoes. Rangeland forage remained in good condition at higher elevations, poor in the foothills. Stock water adequate in most areas. Supplemental feeding necessary at lower elevations. Livestock good.

COLORADO: Days suitable for fieldwork 3.6. Topsoil 8% very short, 23% short, 57% adequate, 12% surplus. Subsoil 5% very short, 18% short, 60% adequate, 17% surplus. Spring barley 84% turning color, 100% 1996, 70% avg.; 28% harvested, 22% 1996, 15% avg.; 1% very poor, 4% poor, 18% fair, 60% good, 17% excellent. Oats 85% turning color, 94% 1996, 77% avg.; 62% harvested, 52% 1996, 34% avg. Spring wheat 75% turning color, 99% 1996, 63% avg.; 1% very poor, 5% poor, 14% fair, 66% good, 14% excellent. Sorghum 18% headed, 17% 1996, 17% avg.; 4% very poor, 5% poor, 18% fair, 64% good, 9% excellent. Summer potatoes 6% harvested, 10% 1996, 6% avg.; 5% very poor, 7% poor, 24% fair, 47% good, 17% excellent. Dry onion 2% very poor, 3% poor, 12% fair, 59% good, 24% excellent. Sugar beets 3% very poor, 6% poor, 17% fair, 55% good, 19% excellent. Dry beans 80% flowered, 85% 1996, 58% avg.; 5% very poor, 4% poor, 18% fair, 56% good, 17% excellent. Alfalfa 77% 2nd cutting, 77% 1996, 58% avg.; 1% very poor, 5% poor, 28% fair, 56% good, 10% excellent. Livestock good to fair.

DELAWARE: Days suitable for fieldwork 6.3. Topsoil 26% very short, 47% short, 27% adequate. Subsoil 13% very short, 64% short, 23% adequate. Corn 7% very poor, 18% poor, 30% fair, 43% good, 2% excellent. Field corn 75% silked, 87% 1996, 92% avg.; 13% dough, 30% 1996, 25% avg. Tomatoes 31% harvested, 35% 1996, 28% avg. Soybeans 1% very poor, 17% poor, 34% fair, 45% good, 3% excellent; 45% bloomed, 45% 1996, 47% avg.; 10% setting pods, 17% 1996, 12% avg. Sorghum 3% poor, 32% fair, 63% good, 2% excellent; 15% headed, 62% 1996, 36% avg. Cucumbers 51% harvested, 61% 1996, 58% avg. Snap beans 29% harvested, 22% 1996, 55% avg. Lima beans 12% harvested, 23% 1996, 16% avg. Sweet corn 39% harvested, 51% 1996, 53% avg. Potatoes 47% harvested, 44% 1996, 43% avg. Apples 3% poor, 13% fair, 83% good, 1% excellent; 8% harvested, 6% 1996, 6% avg. Cantaloupes 41% harvested, 41% 1996, 44% avg. Watermelons 24% harvested, 30% 1996, 23% avg. Peaches 3% poor, 19% fair, 77% good, 1% excellent; 30% harvested, 42% 1996, 39% avg. Hay supplies 4% very short, 32% short, 64% adequate. Clover, other hays 95% 2nd cutting harvested, 86% 1996, 84% avg.; 59% 3rd cutting harvested, 11% 1996, 17% avg. Alfalfa 99% 2nd cutting harvested, 94% 1996, 97% avg.; 28% 3rd cutting harvested, 20% 1996, 35% avg. Activities: Some scattered rainfall during the week, but crops still need more rain as the drought continues to be a problem.

FLORIDA: Topsoil was adequate to surplus. Ninety-nine percent of peanuts were pegged. Sugarcane growth was normal. Tobacco marketing was active. Tobacco harvesting was starting to wind down. Haying was delayed by rains. Cotton and soybean growth was normal. Peanut: Fair 3%, good 67%, and excellent 30%. Frequent showers in vegetable areas were delaying some land preparations for laying plastic and planting fall vegetables in all areas. Growers began laying plastic in northern localities of the southwest region, with activity to start in the central and southern localities within the next 7 to 10 days. Tomato transplanting continued around Quincy, with about 70% of fall acreage planted. Pepper and eggplant planting starting in the East Coast region. Harvest of summer vegetables for local sales was active. Most well-cared-for citrus groves were very good to excellent. Heavy rains were in all areas, with adequate to surplus moisture. Minimum-care groves were showing stress. Abundant new growth and new crop fruit made good progress.

Caretakers were cutting cover crops, spraying, fertilizing, pushing, burning dead trees, and replanting. Pasture feed: Fair 5%, good 80%, and excellent 15%. Cattle: Fair 5%, good 80%, and excellent 15%. Almost daily summer rains have helped grass growth. Pasture and cattle were good to excellent. Some areas reported surplus moisture. Mole crickets were causing pasture damage in the west-central areas.

GEORGIA: Days suitable for fieldwork 4.8. Soil moisture 2% very short, 12% short, 67% adequate, 19% surplus. Corn 96% dough, 96% 1996, 98% avg.; 85% dent, 81% 1996, 90% avg.; 52% mature, 48% 1996, 60% avg.; 7% Harvested for Grain, 3% 1996, 5% avg. Cotton 99% squaring, 100% 1996, 100% avg. Hay 1% very poor, 3% poor, 29% fair, 60% good, 7% excellent. Sorghum 2% poor, 24% fair, 70% good, 4% excellent. Tobacco 1% very poor, 5% poor, 39% fair, 52% good, 3% excellent; 73% harvested, 58% 1996, 61% avg. Watermelons 2% very poor, 2% poor, 34% fair, 59% good, 3% excellent; 89% harvested, 92% 1996, 94% avg. Apples 4% poor, 11% fair, 81% good, 4% excellent; 2% harvested, 0% 1996, 5% avg. Peaches 10% poor, 46% fair, 39% good, 5% excellent; 98% harvested, 94% 1996, 95% avg. Pecans 6% poor, 28% fair, 59% good, 7% excellent. Showers fell across much of the State raising soil moisture levels and improving crop conditions. Corn good with harvest increasing slightly. Cotton fair to good and virtually unchanged from last week. Applying insecticides to cotton. Soybean improved slightly from last week with progress a week or more ahead of normal. Tobacco dropped slightly but harvest continues more than a week ahead of normal. Peanut, pecan improved slightly with peanut development slightly behind avg. Hay fields, pastures improved due to showers. Activities: Hay cutting, baling, mowing pastures, applying insecticides, fungicides, irrigating crops.

HAWAII: Tropical Storm Felicia passed south of the State. Stronger trade winds during mid-week as high pressure system north of State intensified. Orchards crops generally good. Summer good to fair. Banana harvesting continue active. Papayas good to fair, some poor. Harvesting steady in major areas. Disease remains a problem. Watermelon harvesting very active, crop, fruit quality good. Head cabbage supplies heavy.

IDAHO: Days suitable for fieldwork 5.8. Topsoil 5% surplus, 77% adequate, 18% short. Spring wheat turning color 83%, 79% 1996, 67% avg. Barley turning color 71%, 69% 1996, 64% avg. Winter wheat turning color 90%, 96% 1996, 94% avg. Potatoes closing middles 93%, 97% 1996, 89% avg.; turning (vines senescent) 6%, 3% 1996, 10% avg. Potato 17% excellent, 69% good, 12% fair, 2% poor. Alfalfa Hay harvested (2nd cutting) 56%, 65% 1996, 56% avg.; 3rd cutting 3%, 5% 1996, 1% avg. Oats harvested for grain 6%, 5% 1996, 17% avg. Dry Peas harvested 10%, 12% 1996, 23% avg. Lentils 15% avg. Peaches harvested 21%, 15% 1996, 36% avg. Prunes, Plums harvested 1%, 9% 1996, 2% avg. Mint harvested 20%, 58% 1996, 52% avg. Irrigation Water Supply 41% excellent, 55% good, 4% fair. Activities: Inspecting, spraying potatoes for late blight, preparing machinery for grain, potato, sugarbeet harvest, trying to harvesting hay, barley, winter, spring wheat, weed control, irrigating.

ILLINOIS: Days suitable for fieldwork 6.8. Topsoil 25% very short, 47% short, 24% adequate, 1% surplus. A few counties saw acreage in the Conservation Reserve Program released for emergency grazing, haying with more expecting release this week as pastures dry up, farmers are forced to feed a short hay crop to their livestock. Cooler weather eased the stress on livestock but farmers were hauling water as wells began to go dry. Crops on timber, sandy soils were suffering the most with reports of stunted soybean plants, corn firing (drying) up towards the ear. Peach, oat harvest continued with good results for both crops being reported. Other farm activities: Baling hay, straw, scouting, spraying for spider mites, leafhoppers, attending county fairs. Corn doughed 15%, 11% 1996, 25% avg. Oats turning yellow 100%, 76% 1996, 98% avg.; ripe 92%, 65% 1996, 86% avg.; harvested 57%, 49% 1996, 58% avg. Alfalfa hay 2nd cutting 88%, 83% 1996, 86% avg.; 3rd cutting 13%, 19% 1996, 18% avg. Alfalfa hay 5% very poor, 17% poor, 35% fair, 39% good, 4% excellent.

INDIANA: Days suitable for fieldwork 6.4. Topsoil 20% very short, 32% short, 45% adequate, 3% surplus. Subsoil 13% very short, 31% short, 54% adequate, 2% surplus. Crop conditions are declining with continued dry weather. Crop conditions remain good in areas that have received timely rains. However, many areas have not been as fortunate. Range, pasture 9% very poor, 27% poor, 35% fair, 27% good, 2% excellent. Second cutting of alfalfa 79% complete. Activities: Harvesting wheat, baling hay, straw, machinery maintenance, caring for livestock.

IOWA: Days suitable for fieldwork 6.0. Topsoil very short 13%, short 35%, adequate 50%, surplus 2%. Subsoil very short 7%, short 31%, adequate 60%, surplus 2%. Iowa's corn, soybean crops continue to progress in mostly good condition, despite areas that are dealing with low moisture, high insect populations. Harvesting of the oat crop, moving old-crop grains were the main activities for crop farmers this past week. Farmers are still hoping for some good rain in the near future to maintain crop development. Corn tasseled 98%, 88% 1996, 84% avg.; silked 92%, 72% 1996, 73% avg.; milk stage 15%, 4% 1996, 22% avg. Soybean acreage blooming 95%, 83% 1996, 83% avg.; setting pods 58%, 34% 1996, 46% avg. Alfalfa hay 2nd harvest 86% complete, 74% 1996, 71% avg.; clover hay 2nd harvest 48%, 39% 1996, 39% avg. Oats harvested 77%, 66% 1996, 68% avg. Winter wheat harvested 91%, 95% 1996, 84% avg. Corn 1% very poor, 3% poor, 19% fair, 57% good, 20% excellent. Soybean 1% very poor, 3% poor, 21% fair, 59% good, 16% excellent. Hay 8% very poor, 14% poor, 33% fair, 38% good, 7% excellent. Livestock good. Pasture 10% very poor, 22% poor, 34% fair, 30% good, 4% excellent.

KANSAS: Days suitable for fieldwork 5.2. Topsoil 5% very short, 35% short, 59% adequate, 1% surplus. Subsoil 4% very short, 31% short, 64% adequate, 1% surplus. Corn in dough stage 43%, 61% 1996, 38% avg.; dent stage 8%, 13% 1996, 5% avg. Sunflowers 3% very poor, 10% poor, 28% fair, 54% good, 5% excellent. Sunflowers begin to petal 62%, no historic data available; bloom 23%, no historic data. Third cut alfalfa 71%, 64% 1996, 45% avg. Fourth cut alfalfa 4%, 3% 1996, 2% avg. Stock water supplies 1% very short, 13% short, 84% adequate, 2% surplus. Major field activities working wheat stubble, irrigating, cutting hay.

KENTUCKY: Days suitable for fieldwork 5.4. Topsoil 20% very short, 46% short, 31% adequate, 3% surplus. Subsoil 14% very short, 45% short, 39% adequate, 2% surplus. Burley tobacco blooming or beyond 37%, 44% 1996, 51% 5 year avg. Burley tobacco topped 21%, 22% 1996, 36% avg. Condition of tobacco 11% very poor, 33% poor, 35% fair, 19% good, 2% excellent. Hay 6% very poor, 26% poor, 42% fair, 24% good, 2% excellent. Pasture 7% very poor, 26% poor, 43% fair, 22% good, 2% excellent. Corn, soybeans suffering due to lack of moisture.

LOUISIANA: Days suitable for fieldwork 5.1. Soil moisture 7% very short, 25% short, 52% adequate, 16% surplus. Corn 4% poor, 21% fair, 67% good, 8% excellent; 100% dough, 100% 1996, 99% avg.; 61% mature, 62% 1996, 69% avg.; 8% harvested 8% 1996, 8% avg. Harvest was underway on early maturing varieties. Cotton: Irrigation was active, pressure from weevils increased. Hay 99% 1st cutting, 100% 1996, 98% avg.; 58% 2nd cutting, 54% 1996, 39% avg. Peaches 99% harvested, 87% 1996, 84% avg. Rice 26% ripe, 24% 1996, 30% avg.; 15% harvested, 10% 1996, 18% avg. Harvest was getting underway in the southern parishes. Sorghum 4% ripe, 20% 1996, 14% avg.; 0% harvested, 1% 1996, 1% avg. Soybeans 1% turning color, 1% 1996, 0% avg. Soybeans were looking better where rain was received but some fields were still under drought stress. Sugarcane 4% poor, 14% fair, 65% good, 17% excellent. Fields treated for sugarcane borers, prepared land for planting. Sweetpotatoes 4% poor, 32% fair, 59% good, 5% excellent; 4% harvested, 2% 1996, 4% avg. Harvest was in the initial stages. Livestock 3% poor, 28% fair, 62% good, 7% excellent. Vegetables 1% very poor, 17% poor, 41% fair, 40% good, 1% excellent.

MARYLAND: Days suitable for fieldwork 6.7. Topsoil 43% very short, 30% short, 27% adequate. Subsoil 40% very short, 32% short,

28% adequate. Corn 36% very poor, 21% poor, 22% fair, 19% good, 2% excellent. Field Corn 57% silked, 77% 1996, 80% avg.; 10% dough, 29% 1996, 27% avg. Rye 94% harvested, 99% 1996, 97% avg. Soybeans 19% very poor, 18% poor, 25% fair, 35% good, 3% excellent; 43% bloomed, 45% 1996, 47% avg.; 18% setting pods, 10% 1996, 11% avg. Sorghum 22% very poor, 1% poor, 29% fair, 44% good, 4% excellent; 32% headed, 16% 1996, 32% avg. Sweet corn 50% harvested, 42% 1996, 46% avg. Cucumbers 55% harvested, 76% 1996, 61% avg. Potatoes 60% harvested, 76% 1996, 62% avg. Snap beans 47% harvested, 57% 1996, 58% avg. Tobacco 1% very poor, 7% poor, 14% fair, 73% good, 5% excellent; 59% harvested, 81% 1996, 61% avg. Apples 9% very poor, 4% poor, 26% fair, 56% good, 5% excellent. Cantaloupes 50% harvested, 53% 1996, 49% avg. Peaches 17% very poor, 17% poor, 41% fair, 25% good; 18% harvested, 35% 1996, 35% avg. Watermelons 35% harvested, 34% 1996, 41% avg. Tomatoes 18% harvested, 45% 1996, 41% avg. Hay supplies 24% very short, 27% short, 48% adequate, 1% surplus. Alfalfa hay 98% 2nd cutting, 84% 1996, 94% avg.; 67% 3rd cutting, 27% 1996, 42% avg. Clover, other hays 67% 2nd cutting, 59% 1996, 69% avg.; 7% 3rd cutting, 24% 1996, 14% avg. Activities: Scattered rainfall, but more rain is needed for all crops as the drought continues. Blue mold on tobacco still persists and is spreading. Leafhopper, spider mite populations are increasing.

MICHIGAN: Days suitable for fieldwork 6.5. Topsoil 24% very short, 48% short, 27% adequate, 1% surplus. Subsoil 22% very short, 44% short, 33% adequate, 1% surplus. All hay, 2nd cutting harvested 71% 1997, 63% 1996, 60% avg. All hay crop 7% very poor, 22% poor, 38% fair, 25% good, 8% excellent. Dry beans blooming 80% 1997, 11% 1996, 52% avg. Dry beans setting pods 18% 1997, 0% 1996, 17% avg. Oats turning yellow 87% 1997, 69% 1996, 77% avg. Pasture feed 14% very poor, 24% poor, 32% fair, 25% good, 5% excellent.

MINNESOTA: Days suitable for fieldwork 5.1. Topsoil 1% very short, 4% short, 81% adequate, 14% surplus. Corn 94% tasseled, 76% 1996, 75% 5 yr. avg.; 16% milk, 5% 1996, 14% 5 yr. avg. Soybeans 93% blooming, 81% 1996, 82% 5 yr. avg.; 36% setting pods, 26% 1996, 36% 5 yr. avg. Spring wheat 76% turning ripe, 49% 1996, 64% 5 yr. avg.; 2% harvested, 7% 1996, 7% 5 yr. avg. Oats 90% turning ripe, 82% 1996, 86% 5 yr. avg.; 9% harvested, 18% 1996, 19% 5 yr. avg. Barley 75% turning ripe, 48% 1996, 66% 5 yr. avg.; 2% harvested, 6% 1996, 7% 5 yr. avg. Rye 28% harvested, 61% 1996, 40% 5 yr. avg. Winter wheat 22% harvested, 34% 1996, 26% 5 yr. avg. Sweet corn 5% harvested, 3% 1996, 4% 5 yr. avg. Pasture 1% very poor, 9% poor, 35% fair, 47% good, 8% excellent. Spring wheat 4% very poor, 14% poor, 50% fair, 30% good, 2% excellent. Barley 4% very poor, 17% poor, 26% fair, 51% good, 2% excellent. Corn 1% very poor, 3% poor, 16% fair, 58% good, 22% excellent. Oats 2% very poor, 10% poor, 39% fair, 45% good, 4% excellent. Soybeans 1% very poor, 8% poor, 28% fair, 51% good, 12% excellent. Dry Beans 4% very poor, 8% poor, 41% fair, 39% good, 8% excellent. Sunflowers 2% very poor, 23% poor, 26% fair, 48% good, 1% excellent. Sugar beets 4% very poor, 6% poor, 15% fair, 60% good, 15% excellent.

MISSISSIPPI: Days suitable for fieldwork 5.0. Soil moisture 6% very short, 13% short, 46% adequate, 35% surplus. Corn 100% silked, 100% 1996, 98% avg.; 90% dough, 93% 1996, 88% avg.; 72% dent, 74% 1996, 59% avg.; 20% mature, 18% 1996, 20% avg.; 35% silage harvested, 40% 1996, 33% avg.; 3% poor, 25% fair, 60% good, 12% excellent. Soybeans 100% emerged, 100% 1996, 100% avg.; 75% blooming, 87% 1996, 74% avg.; 42% setting pods, 68% 1996, 43% avg.; 2% very poor, 9% poor, 26% fair, 52% good, 11% excellent. Peaches 79% harvested, 90% 1996, 89% avg.; 25% fair, 66% good, 9% excellent. Peanuts, 1% fair, 98% good, 1% excellent. Sweetpotatoes 2% poor, 8% fair, 90% good. Watermelons (as of 7/27) 67% harvested, 74% 1996, 65% avg.; 78% harvested, 79% 1996, 75% avg. Hay 69% harvested (warm season), 72% 1996, 75% avg.; 2% very poor, 5% poor, 33% fair, 52% good, 8% excellent. Cattle 3% poor, 17% fair, 66% good, 14% excellent. Pasture 5% poor, 18% fair, 62% good, 15% excellent. Activities: Cotton for insects, applying chemicals, harvesting hay.

MISSOURI: Days suitable for fieldwork 6.2. Topsoil supply, 23% very short, 49% short, 27% adequate, 1% surplus. All districts are reporting significant topsoil shortages. Row crops need rainfall to improve condition and maintain yield potential. Corn silking is virtually complete in all areas except the northeastern district, where 20% is not yet silked. Many of the driest corn fields are firing at the base of the stalks. Oat harvest is complete. Third crop alfalfa 29%, 22% 1996, 21% avg. Other hay 95% cut, 92% 1996, 89% avg. Pastures 6% very poor, 29% poor, 46% fair, 18% good, 1% excellent.

MONTANA: Days suitable for fieldwork 6.8. Topsoil 9% very short, 52% short, 39% adequate. Subsoil 6% very short, 42% short, 51% adequate, 1% surplus. Swathing of winter wheat, oats continues. Wheat stem sawfly, grasshoppers are a problem. Localized rains delay hay harvest in some areas. Winter wheat 99% turning, 100% 1996, 95% avg. Winter wheat 74% ripe, 66% 1996, 41% avg. Oats 100% headed, 95% 1996, 97% avg. Oats 76% turning, 59% 1996, 55% avg. Oats harvested 1%, 0% 1996, 1% avg. Oats 1% very poor, 3% poor, 43% fair, 46% good, 7% excellent. Alfalfa hay 1st cutting 97% complete, 100% 1996, 91% avg, 2nd cutting 13% complete, 29% 1996, 18% avg. Other hay 1st cutting 82% complete, 79% 1996, 73% avg.

NEBRASKA: Days suitable for fieldwork 5.4. Subsoil 15% very short, 40% short, 45% adequate. Topsoil 22% very short, 41% short, 36% adequate, 1% surplus. Below-normal temperatures and scattered rainfall provided only limited relief to row crops and livestock stressed by the extended dry conditions. Panhandle, southeastern counties avg. 1-2 inches of rain, however, moisture accumulation in other areas avg only .60 inch or less. As a result, row crop conditions improved in parts of the southeast while continuing to decline in central, south-central areas. Insect activity continued to noted over much of the State. Winter wheat 97% harvested, 93% 1996, 89% avg.; reports from the Panhandle indicated harvest had slowed on remaining fields due wet soil conditions. Corn 2% very poor, 6% poor, 25% fair, 52% good, 15% excellent; 91% silked, 87% 1996, 77% avg., 12% dough, 6% 1996, 15% avg. Some producers treated fields for insects. Soybeans 1% very poor, 4% poor, 29% fair, 56% good, 10% excellent; 93% blooming, 87% 1996, 77% avg.; 40% setting pods 34% 1996, 32% avg. Sorghum 3% very poor, 10% poor, 35% fair, 48% good, 4% excellent; 37% headed, 17% 1996, 26% avg. Dry bean 4% poor, 34% fair, 42% good, 20% excellent; 88% blooming, 87% 1996; 49% pod set, 52% 1996. Alfalfa 9% very poor, 23% poor, 35% fair, 30% good, 3% excellent; 90% 2nd cutting, 90% 1996, 87% avg.; 4% 3rd cutting, 6% 1996, 9% avg. Wild hay 7% very poor, 25% poor, 35% fair, 28% good, 5% excellent. Pasture, range 14% very poor, 24% poor, 35% fair, 23% good, 4% excellent; pastures in the south-central district were reported to be in the poorest condition statewide; some producers were supplemental feeding in the northeastern, central, and southern counties due to short pastures; CRP and roadway acres were approved for grazing in parts of the State due to limited growth on pastures, short hay supplies. Other activities: Irrigating crops, haying, crop spraying, routine chores.

NEVADA: Precipitation was common in all districts. Greatest precipitation totals for the week were recorded at Lovelock 1.26 inches, Hawthorne 0.94 inch, and Elko 0.49 inch. Irrigation water supplies reported adequate in most areas. The additional rainfall slowed seasonal deterioration of pasture, range forage, but raised havoc with haying efforts. Haying was interrupted or halted in many areas, and considerable windowed hay was damaged. Alfalfa 2nd cutting in full swing North, 3rd cutting continued South. Other hay harvest remained active statewide. Winter wheat, spring wheat, barley, oats harvests continued in the Fallon area, accelerated in the Lovelock area. Grain ripening was slowed by rains and cooler weather in the Yerington area. Smut remained evident in some Lovelock area barley fields. High winds caused some lodging in Lovelock area wheat, barley. Grain crop mostly fair to good. Garlic harvest slowed by rain in Yerington area. Onions good to excellent. Potatoes good. Main farm, ranch activities: Hay, garlic harvests, irrigating, spraying.

NEW ENGLAND: Days suitable for fieldwork: 6.9. Topsoil 18% very short, 45% short, 35% adequate, 2% surplus. Subsoil 14% very short, 43% short, 41% adequate, 2% surplus. Pasture 3% very poor, 9% poor, 41% fair, 47% good. Maine potatoes good. Massachusetts potatoes 10% harvested, 5% 1996, 5% avg.; condition good. Rhode Island potatoes 15% harvested; good to excellent. Oats in Maine good to fair. Barley in Maine good to fair. Field corn good. Sweet corn 15% harvested, 20% 1996, 25% avg.; good to fair. Shade tobacco 40% harvested, 25% 1996; good to fair. Broadleaf tobacco 5% harvested, 20% 1996; good to fair. First cut hay 95% harvested, 90% 1996, 99% avg.; good to fair. Second cut hay 50% harvested, 35% 1996, 40% avg.; condition good. Third cut hay 5% harvested, <5% 1996, <5% avg.; excellent to good. Apples fruit size avg.; good to excellent. Peaches: 15% harvested; <5% 1996, fruit size below avg to avg.; condition good. Pears fruit size avg.; good to fair. Strawberries 99% harvested; 100% 1996; fruit size avg.; condition good. Cranberries fruit set avg. to above avg.; fruit size avg.; good to excellent. Highbush blueberries 30% harvested, 25% 1996; fruit size avg to above avg.; excellent to good. Wild blueberries fruit size avg.; condition good. Hot, dry conditions continue throughout New England, most crops were showing signs of stress. Major farm activities: Irrigating where available; harvesting peas, lettuce, summer squash, green beans, tomatoes, blueberries, raspberries, early apples, peaches, shade tobacco; spreading manure on cut fields; cutting hay; spraying for weed and insect control.

NEW JERSEY: Days suitable for fieldwork 7. Topsoil reported as mostly short to adequate. Farmers are irrigating, harvesting summer items, beginning to plant some of the fall crops. Increasing harvest of cantaloupe, cucumbers, eggplant, green beans, herbs, peppers, squash, tomatoes, pickles, cabbage, sweet corn, watermelon. Cutting, baling of 2nd crop hay is nearly finished. Corn, soybeans are reported to be suffering due to the dry, hot weather. Some of the corn is tasseling without silk showing. Pasture poor to fair. The blueberry harvest will have light volume for the next two weeks. The peach harvest is gradually increasing with the red haven variety starting to be harvested which will hold steady for the next couple of months. Peaches had good quality and size.

NEW MEXICO: Days suitable for fieldwork 5.0. Topsoil moisture 2% very short, 24% short, 68% adequate, 6% surplus. Hay harvest was slowed by precipitation, 3rd cutting of alfalfa was 80% completed, 4th cutting 10% completed. Alfalfa 1% very poor, 5% poor, 22% fair, 65% good, 7% excellent. Cotton mature 89% setting bolls, 94% 1996, 79% avg.; 9% poor, 20% fair, 58% good, 13% excellent. Sorghum 1% very poor, 5% poor, 35% fair, 59% good; 10% headed, 4% 1996, 17% avg. Onion 86% complete, 70% 1996; 15% fair, 60% good, 25% excellent. Chile 3% complete; 2% poor, 26% fair, 47% good, 25% excellent. Corn 6% fair, 87% good, 7% excellent; 66% tasseled, 86% 1996. Lettuce producers started fall planting last week. Cattle, sheep good condition. Range, pasture feed 1% very poor, 8% poor, 32% fair, 54% good, 5% excellent.

NEW YORK: Days suitable for fieldwork 6.1. Soil moisture supplies 50% very short, 40% short, 10% adequate. Pastures 14% very poor, 27% poor, 59% fair. Corn 8% poor, 33% fair, 50% good, 9% excellent. Hay 25% poor, 50% fair, 25% good. Second cutting of alfalfa 66% complete, 59% 1996, 59% avg. Second cutting is very short in many areas. Wheat 70% complete, 42% 1996, 71% avg. Oats 30% complete, 33% 1996, 29% avg. Dry beans were in bloom with good stands. In Columbia County, early varieties of apples were being harvested, grapes excellent. New York's fresh market sweet corn has tasseled and harvest started in some areas. Dry weather continued to dominate weather pattern, further depleting soil moisture supplies.

NORTH CAROLINA: Days suitable for fieldwork 5.1. Farmers continued to repair damage due to Darryn's storms. Some local areas are still reporting dry conditions. Soil moisture 2% very short, 16% short, 70% adequate, 12% surplus. Activities: Fertilizer, herbicide applications on corn; spraying growth regulator on cotton; suckering, topping tobacco; shearing Christmas trees; harvesting flue-cured tobacco, Irish potatoes, peaches; marketing tobacco; cutting hay; maintaining pastures; tending livestock; repairing equipment.

NORTH DAKOTA: Days suitable for fieldwork 7. Topsoil 5% very short, 25% short, 65% adequate, 5% surplus. Subsoil supplies 3% very short, 23% short, 66% adequate, 8% surplus. Small grain development advanced considerably in the turning and beyond stage, well ahead of last year's avg. Durum wheat 98% heading, beyond, 69% milk beyond, 30% turning, beyond, 1% combined; 96%, 57%, 12%, 0% last year; 95%, 65%, 19%, 0% avg. Late season crops: canola 98% blooming, beyond, 21% turning, beyond, 2% swathed beyond; 98%, 16%, 1% last year; corn 88% tasseling, beyond, 43% milk, beyond; 67%, 7% last year; 55%, 11% age.; dry edible beans 97% blooming, beyond, 60% podding, beyond, 10% fully podded, beyond; 90%, 62%, 5% last year; 83%, 51%, 8% avg.; flaxseed 97% blooming, beyond, 13% turning, beyond; 79%, 10% last year; 77%, 8% avg.; potatoes 100% blooming, beyond, 86% rows filled, beyond; 96%, 86% last year; 91%, 78% avg.; soybeans 97% blooming, beyond, 71% podding, beyond, 12% fully podded, beyond; 90%, 61%, 3% last year; 83%, 50%, 8% avg.; sunflower 34% blooming, beyond, 14% last year, 20% avg. Soybean conditions improved considerably due mostly to drier weather in the major growing region while sugar beets, potatoes, flaxseed also improved during the week. Condition of sunflower, corn, dry beans, canola deteriorated. Emerged crop condition: Durum 8% very poor, 25% poor, 33% fair, 33% good, 1% excellent; canola 3% very poor, 15% poor, 30% fair, 42% good, 10% excellent; corn 1% very poor, 6% poor, 18% fair, 57% good, 18% excellent; dry edible beans 8% very poor, 14% poor, 26% fair, 50% good, 2% excellent; flaxseed 3% very poor, 13% poor, 31% fair, 49% good, 4% excellent; potatoes 14% very poor, 14% poor, 22% fair, 44% good, 6% excellent; soybeans 3% very poor, 11% poor, 30% fair, 41% good, 15% excellent; sugar beets 5% very poor, 10% poor, 17% fair, 51% good, 17% excellent; sunflower 2% very poor, 7% poor, 23% fair, 58% good, 10% excellent. Pasture 6% very poor, 26% poor, 40% fair, 27% good, 1% excellent.

OHIO: Days suitable for fieldwork 5.9. Topsoil 11% very short, 22% short, 64% adequate, 3% surplus. Average corn development stage at 15 to 16 leaves. Corn silked 3 days behind the avg.; 3% in dough stage, 0% 1996, 13% avg. Soybeans blooming 5 days ahead of the avg.; setting pods 2 days ahead of the avg. Oats turning ripe 92%; harvested 3 points ahead of the avg. Winter wheat harvested nearing completion. Alfalfa hay 86% 2nd cutting, 66% 1996, 76% avg. Alfalfa hay 6% 3rd cutting, 0% 1996, 8% avg. Other hay 58% 2nd cutting, 40% 1996, 52% avg. Other hay 4% 3rd cutting, 0% 1996, 1% avg. Tobacco 9% topped. Apples 8% harvested. Potatoes 2% harvested, 6% 1996, 9% avg. Activities: Mowing hay, ditches, winter wheat stubble, pastures; baling hay, straw; hauling, spreading manure on wheat stubble; scouting fields; cultivating soybean fields; spraying herbicides, pesticides; tiling fields; fence, building maintenance; repairing, preparing machinery for harvest; attending, preparing for county fairs, the State fair. Growers harvesting tomatoes, sweet corn, peppers. Northern part of the State, growers harvesting peaches. Reported weed pressures: ragweed; Canadian thistles; Eastern black nightshade; hemp dogbane; johnsongrass; other grass, broadleaf weeds. Reported insects: European corn borer in corn; Mexican bean beetle, grasshoppers in soybeans; Potato leafhopper in alfalfa; corn flea beetle in sweet corn. Reported diseases: leaf blotch on peppers, blight on tomatoes, blue mold on tobacco, powdery mildew on pumpkins. Compared with last year, most crops are still in better condition. A few reporters mentioned corn under some stress due to the heat, dry weather. The bottom corn leaves are starting to brown. There were reports of slow hay, pasture growth, stress due to weather conditions. Hay 2% very poor, 8% poor, 36% fair, 42% good, 12% excellent. Livestock 3% poor, 25% fair, 58% good, 14% excellent.

OKLAHOMA: Days suitable for fieldwork 6.5. Topsoil 7% very short, 43% short, 50% adequate, 0% surplus. Subsoil 4% very short, 29% short, 67% adequate, 0% surplus. Wheat 89% plowed, 90% 1996, 88% avg.; 20% seeded prepared, 12% 1996, 9% avg.; Oats 74% plowed, 97% 1996, 98% avg.; Corn 99% tasseling, 100% 1996, 97% avg.; 90% milk-to-soft, 76% 1996, 70% avg.; 1% mature, 13% 1996, 8% avg.; Sorghum 0% mature, 13% 1996, 4% avg.; Soybeans 83% flowering, 84% 1996, 57% avg.; 50% setting pods, 48% 1996, 31%

avg.; Peanuts 74% setting pods, 83% 1996, 55% avg.; Alfalfa Hay 66% 3rd cutting, 65% 1996, 66% avg.; 8% 4th cutting, 7% 1996, 8% avg.; All Other Hay 93% 1st cutting, 89% 1996, 98% avg.; 15% 2nd cutting, 36% 1996, 68% avg.; Watermelons 61% harvested, 57% 1996, n/a avg.; Livestock 2% poor, 17% fair, 76% good, 5% excellent. Fed cattle prices down \$1.00 per cwt.

OREGON: Days suitable for fieldwork 6.0. Topsoil 5% very short, 33% short, 62% adequate. Subsoil 2% very short, 20% short, 78% adequate. Barley harvested 29%, 27% 1996, 34% avg. Winter wheat harvested 44%, 37% 1996, 48% avg. Activities: Willamette Valley grass seed harvest underway, straw being baled. Small grain, mint harvest going strong. Hay making continued. Malheur County fighting powdery mildew in Sugar beets. Wheat, barley harvest continued. Container plant irrigation continued north Willamette Valley, field planting underway. Christmas tree growers doing top work on Noble firs. Southern coast easter lilies were being irrigated. Potted and balled products were being sold in the Rogue River Valley, and preparations for fall plants started. Willamette Valley vegetable growers busy harvesting green beans, sweet corn, broccoli, cauliflower. Potatoes, onions looked good. Peak harvest time processing cucumbers near. Potato harvest continued northeast. Late blight reported Malheur County, problems with Downy Mildew on onions. Willamette Valley raspberries, blueberries, blackberries being harvested. Raspberry pruning underway, strawberry fields being renovated. Picking started on apples, early peaches. Hazelnuts continued to size, blanks dropping. Rogue River Valley peach, plum harvest started. South coast cranberry fruit size good to excellent. Hood River Valley fireblight being cut upper valley pears, pre-harvest sprays being applied lower valley. Livestock good to excellent. Dryland pastures western valleys began to brown. Some supplemental feeding started. Northeast mountains rangeland at higher elevations continued to look green; pastures drying out in most other parts of eastside.

PENNSYLVANIA: Days suitable for fieldwork 6.3. Soil moisture 24% very short, 46% short, 30% adequate. Soybean 10% very poor, 19% poor, 40% fair, 30% good, 1% excellent. Wheat 90% harvested, 93% 1996, 79% avg. Oats 45% harvested, 39% 1996, 35% avg. Barley 99% harvested, 100% 1996, 90% avg. Alfalfa 2nd cutting 75% complete, 70% 1996, 68% avg. Alfalfa 3rd cutting 15% complete, 18% 1996, 10% avg. Timothy clover 2nd cutting 42% complete, 29% 1996, 30% avg. Quality of hay made 15% poor, 45% fair, 35% good, 5% excellent. Apple harvest 6% complete, 9% 1996, 2% avg. Peach harvest 12% complete, 21% 1996, 10% avg. Activities: Harvesting small grains; making hay, haylage; spraying; fixing fences; hauling manure; caring for livestock.

SOUTH CAROLINA: Days suitable for fieldwork 4.9. Soil moisture 5% short, 73% adequate, 22% surplus. Apples 8% poor, 20% fair, 68% good, 4% excellent. Cantaloups 97% harvested, 98% 1996, 86% avg.; 26% poor, 29% fair, 39% good, 6% excellent. Corn 99% silked, 100% 1996, 100% avg.; 91% doughed, 97% 1996, 95% avg.; 54% matured, 58% 1996, 56% avg.; 8% harvested, 13% 1996, 8% avg.; 3% poor, 18% fair, 59% good, 20% excellent. Cucumbers 100% harvested, 100% 1996, 91% avg.; 10% fair, 83% good, 7% excellent. Peaches 75% harvested, 79% 1996, 76% avg.; 23% poor, 34% fair, 38% good, 5% excellent. Snap Beans 95% harvested, 93% 1996, 83% avg.; 12% fair, 87% good, 1% excellent. Sorghum 1% poor, 7% fair, 68% good, 24% excellent. Soybeans 46% bloomed, 49% 1996, 45% avg.; 20% pods set, 22% 1996, 19% avg.; 2% poor, 11% fair, 64% good, 23% excellent. Tobacco 100% topped, 100% 1996, 98% avg.; 54% harvested, 44% 1996, 43% avg.; 15% stalks destroyed, 4% 1996, 2% avg.; 1% poor, 10% fair, 73% good, 16% excellent. Tomatoes 96% harvested, 100% 1996, 99% avg.; 50% fair, 36% good, 14% excellent. Watermelons 94% harvested, 97% 1996, 89% avg.; 6% poor, 53% fair, 39% good, 2% excellent.

SOUTH DAKOTA: Days suitable for fieldwork, 4.0. Topsoil 4% very short, 11% short, 72% adequate, 13% surplus. Subsoil 2% very short, 9% short, 78% adequate, 11% surplus. Major activities: Haying CRP acres, swathing, harvesting of small grains. Winter wheat 100% turning color, 99% 1996, 100% avg.; 89% ripe, 92% 1996, 94% avg. Spring wheat 85% turning color, 87% 1996, 88%

avg.; 50% ripe, 35% 1996, 42% avg. Winter rye 100% turning color, 100% 1996, 100% avg.; 100% ripe, 90% 1996, 91% avg.; 35% harvested, 30% 1996, 37% avg. Winter rye 17% poor, 42% fair, 37% good, 4% excellent. Alfalfa hay 1% very poor, 4% poor, 24% fair, 57% good, 14% excellent. Flax 2% poor, 62% fair, 25% good, 11% excellent. Oats 87% turning color, 90% 1996, 91% avg.; 54% ripe, 61% 1996, 62% avg.; 20% harvested, 25% 1996, 30% avg. Barley 84% turning color, 91% 1996, 92% avg.; 50% ripe, 47% 1996, 54% avg. Sunflower 3% poor, 16% fair, 53% good, 28% excellent, 47% blooming, 16% 1996, 25% avg.; Flax 99% blooming, 77% 1996, 79% avg. Corn tasseled 88%, 68% 1996, 64% avg. Alfalfa hay cut twice 62%, 63% 1996, 56% avg. Other hay harvested 81%, 77% 1996, 63% avg. Livestock 8% fair, 68% good, 24% excellent. Stock water supplies 3% short, 83% adequate, 14% surplus.

TENNESSEE: Days suitable for fieldwork 6.0. Topsoil 11% very short, 45% short, 44% adequate, 0% surplus. Subsoil 10% very short, 37% short, 53% adequate, 0% surplus. Corn 7% poor, 27% fair, 55% good, 11% excellent; 61% dough, 75% 1996, 68% avg.; dent 21%, 1996 34%, 28% avg. Tobacco 5% very poor, 21% poor, 40% fair, 32% good, 2% excellent; 40% topped, 50% 1996, 48% avg. Sorghum 4% poor, 32% fair, 60% good, 4% excellent; 79% headed, 64% 1996, 75% avg. Pasture 2% very poor, 15% poor, 42% fair, 39% good, 2% excellent. A very thirsty corn crop which pollinated well earlier, now has moisture to add weight to the ears. Pasture growth was also stimulated where decent moisture was received. In general, with the exception of sorghum, crops continue to develop. Tobacco fair, other crops fair to good.

TEXAS: Rainfall was scattered for the week, with few areas receiving beneficial showers. Irrigation operations remained active most of the week. Growth on ranges and pastures continued to slow down as hot weather persisted. Livestock was good. **Crops:** Corn fields in the plains continued to make good progress, with minimal insect problems. Irrigation was active most of the week, with some relief from scattered showers. Harvest operations increased in the central and southern areas. Cotton: The High Plains crop continued to enjoy the hot weather. However, some dryland fields were beginning to show stress from lack of sufficient moisture. Bolls were setting in the area. Bolls were beginning to open in scattered fields of the north-central area and Blackland region. Harvest operations increased slowly in the Coastal Bend and Rio Grande Valley. Grain Sorghum: Fields were heading and making good progress in the Plains. Dryland fields could use a good rain. Fields were turning color in the north-central area. Harvest operations increased in the Blacklands and central area. Midge problems were worse than earlier expected in some fields. Harvest was beginning along the Upper Coast. Harvest also moved ahead in the Coastal Bend and Rio Grande Valley. Peanuts: The crop continued to make good progress in all areas. Dryland fields could use rain in parts of the South Central region. Some fungicide applications occurred. Irrigation operations remained active. Rice: Harvest is beginning in early-planted fields along the Upper Coast, with many fields drained to prepare for harvest. Although crop is behind, progress was good. Soybeans: Excellent progress was reported in the plains. Scattered rains along the Upper Coast and in some parts of the Blacklands benefited dryland fields. Sugar beets: Fields continued to look good across the High Plains.

Commercial Vegetables: In the Rio Grande Valley, land preparations continued. In the San Antonio-Winter Garden area, most production was ended for the season, and land preparations for fall planting were underway. In the High Plains, production of potatoes and onions continued. Melon harvest is nearing. In the east, production declined in many fields as hot, dry conditions set in. Sweetpotatoes continued to make good progress. In Trans-Pecos, melon and tomato production remained good. Peach production was winding down in many orchards in the Hill Country. However, sales at roadside stands remained active. Pecans: Progress remained good in most areas. However, as hot, dry weather continued, additional nut drop was noticed. Producers were monitoring groves for scab and weevil problems.

Range and Livestock: Growth continued to be slow in many areas under hot, mostly dry conditions. Scattered rain brought relief

in some areas. Haying operations were also slowed. Livestock was good. Prices at local auctions were good.

UTAH: Days suitable for fieldwork 6. Topsoil 2% very short, 36% short, 54% adequate, 8% surplus. Subsoil 2% very short, 41% short, 53% adequate, 4% surplus. Pasture, range 5% poor, 26% fair, 60% good, 9% excellent. Irrigation water supplies 16% short, 84% adequate. Stock water supply 15% short, 78% adequate, 7% surplus. Barley harvested 37%, 50% 1996, 42% avg. Oats harvested for grain 19%, 18% 1996, 15% avg.; harvested for hay or silage 72%, 64% 1996, 74% avg. Corn height 67 inches, 68 inches 1996, 63 inches avg.; silked 55%. Winter wheat harvested 56%, 59% 1996, 52% avg. Spring wheat harvested 40%, 36% 1996, 33% avg. Alfalfa hay 2nd cutting 65%, 78% 1996, 75% avg.; 3rd cutting 4%. Other hay cutting 81%, 68% 1996, 74% avg. Tart cherries picked 100%, 90% 1996. Peaches picked 8%. Major farm, ranch activities: Hay cutting, irrigating, picking fruit, harvesting small grains.

VIRGINIA: Days suitable for fieldwork 5.7. Topsoil 9% very short, 23% short, 66% adequate, 2% surplus. Subsoil 5% very short, 38% short, 55% adequate, 2% surplus. Corn 80% silked, 82% 1996, 77% avg.; 28% dough, 44% 1996, 40% avg.; 10% dent, 18% 1996, 17% avg.; 5% very poor, 25% poor, 35% fair, 33% good, 2% excellent. Soybeans 35% bloomed, 42% 1996, 43% avg.; 15% setting pods, 18% 1996, 20% avg.; 3% very poor, 15% poor, 46% fair, 30% good, 6% excellent. Cotton 5% very poor, 15% poor, 28% fair, 50% good, 2% excellent. Summer Apples 1% harvested, 9% 1996, 11% avg.; 10% poor, 25% fair, 60% good, 5% excellent. Peaches 30% harvested, 41% 1996, 41% avg. Flue tobacco 5% harvested, 14% 1996, 15% avg.; 5% very poor, 10% poor, 30% fair, 45% good, 10% excellent. Burley tobacco 5% very poor, 25% poor, 30% fair, 35% good, 5% excellent. Dark fire cured tobacco 20% poor, 50% fair, 30% good. Sun cured tobacco 45% fair, 55% good. Peanuts 99% pegged, 98% 1996; 5% poor, 25% fair, 60% good, 10% excellent. Summer potatoes harvested 97%, 83% 1996, 82% avg. Pasture 3% very poor, 22% poor, 48% fair, 26% good, 1% excellent. Alfalfa 2% very poor, 11% poor, 42% fair, 43% good, 2% excellent. Other Hay 5% very poor, 20% poor, 53% fair, 20% good, 2% excellent. Some producers are more optimistic about the general outlook of most crops. Weather conditions the past 2 weeks dramatically improved corn and pasture quality in many localities, while others show very little improvement because the damage is too extensive. Some corn fields with weeds, insects, dry weather stress are close to failure or expected yield losses of thirty to fifty percent. There is a moderate risk of blue mold development in burley tobacco throughout all counties in Southwest Virginia. However, producers are doing a good job treating infected blue mold fields as only a small amount of acreage loss has been reported. Some soybean fields are being sprayed for spider mite infestation. Many vegetable producers are preparing fields for late vegetable planting. Other activities include vegetable harvesting, topping, and harvesting tobacco, and harvesting second cutting hay.

WASHINGTON: Days suitable for fieldwork 6.4. Topsoil 20% short, 80% adequate; subsoil 20% short, 80% adequate. Winter wheat dryland 5% fair, 65% good, 30% excellent; irrigated 80% good, 20% excellent. Spring wheat, dryland 3% fair, 67% good, 30% excellent; irrigated 88% good, 12% excellent. Barley dryland, 5% fair, 70% good, 25% excellent; irrigated 90% good, 10% excellent. Winter wheat 27% harvested, 26% 1996, 41% avg. Wheat harvest was in full swing, proceeded rapidly with sunny, hot days. Preliminary yields very good, including reports of record yields in the low rainfall dryland areas. Corn 100% good. Potatoes, 4% fair, 92% good, 4%

excellent. Potatoes 8% harvested, 14% 1996, 10% avg. Hay, other roughage supplies, 4% short, 85% adequate, 11% surplus. Regrowth on grass hay was very good in central Washington. Timothy hay harvest wound down, 2nd cutting alfalfa progressed in northeastern Washington. Range, pasture 7% very poor, 10% poor, 10% fair, 70% good, 3% excellent. Grazing good with some pastures in western Washington drying down. Apricot, early peaches harvested, blueberry harvest continued. Sweet cherry harvest was almost finished, with just the late varieties remaining at the higher elevations. Apples, pears look very good. Some late blight was reported in potatoes, tomatoes in western Washington. Green beans ripening, sweet corn harvest progressed.

WEST VIRGINIA: Days suitable for fieldwork 5.3. Topsoil 3% very short, 35% short, 62% adequate. Corn 4% very poor, 11% poor, 30% fair, 51% good, 4% excellent; 63% silking, 49% 1996, 64% avg.; 6% dough stage, 11% 1996, 24% avg. Hay 1% very poor, 15% poor, 29% fair, 52% good, 3% excellent; 1st cutting of hay 99%, 96% 1996, 99% avg.; 2nd cutting 38%, 32% 1996, 41% avg. Oats 11% poor, 35% fair, 54% good; 38% harvested, 50% 1996. Soybeans 2% poor, 72% fair, 26% good; 79% blooming, 60% 1996, 63% avg.; 30% setting pods, 18% 1996. Tobacco 9% poor, 48% fair, 43% good; 31% topped, 21% 1996, 33% avg. Apple 56% fair, 37% good, 7% excellent. Peach 16% poor, 84% fair. Cattle 1% poor, 18% fair, 70% good, 11% excellent. Sheep 12% fair, 86% good, 2% excellent. Activities: Making hay, harvesting oats, topping tobacco, and general farm maintenance.

WISCONSIN: Days suitable for fieldwork 5.4. Soil moisture 1% very short, 13% short, 78% adequate, 8% surplus. As one reporter in Columbia County put it, it was a good week for farming. Good weather allowed for the continued harvest of small grains and second crop hay. Second crop hay reached 74% harvested, compared with 57% both last year and for the 5-year avg. Soybeans hit 68% bloomed, compared with 25% last year, 24% setting pods, compared with 7% in 1996. Soybean 2% poor, 9% fair, 61% good, 28% excellent. Pest problems were noticed throughout State. Weeds flourished in fields, with many reporters seeing them in oat fields. Insects were also thriving as reports of corn borer, leafhopper damage were noted throughout the State. Armyworm damage has been seen in several counties including Vernon, Sheboygan, Oconto, and Buffalo. Winter wheat harvest 30% complete, compared with 11% last year, 36% for the 5-year avg. Pasture feed 1% very poor, 4% poor, 26% fair, 55% good, 14% excellent.

WYOMING: Days suitable for fieldwork 5.0. Topsoil 1% very short, 48% short, 45% adequate, 6% surplus. Subsoil 1% very short, 49% short, 50% adequate. Winter wheat 60% harvested, 74% 1996, 51% avg.; 9% fair, 90% good, 1% excellent. Barley 42% mature, 49% 1996, 43% avg.; 14% harvested, 9% 1996, 13% avg.; 30% fair, 70% good. Oats 36% mature, 30% 1996, 24% avg.; 15% harvested, 8% 1996, 8% avg.; 4% fair, 95% good, 1% excellent. Spring wheat 31% mature, 31% 1996, 27% avg.; 7% harvested, 11% 1996, 9% avg.; 1% poor, 30% fair, 69% good. Corn 89% tasseled, 90% 1996, 63% avg.; 47% silked, 70% 1996, 36% avg.; 7% milk, 0% 1996, 0% avg.; 3% fair, 75% good, 22% excellent. Dry beans 90% bloom, 94% 1996, 84% avg.; 44% setting pods, 66% 1996, 47% avg.; 72% good, 28% excellent. Sugarbeet 2% fair, 81% good, 17% excellent. Alfalfa 15% 2nd cutting complete, 26% 1996, 21% avg. Other hay harvested 67% complete, 63% 1996, 65% avg. Irrigation water supplies 12% short, 62% adequate, 26% surplus. Range, pasture 2% poor, 24% fair, 62% good, 12% excellent.

International Weather and Crop Summary

July 27 - August 2, 1997

HIGHLIGHTS

FSU-WESTERN: Weather conditions for harvesting were mixed throughout the region.

FSU-NEW LANDS: Scattered showers and seasonable temperatures favored spring grains, mostly in the filling stage.

EUROPE: Wet weather in eastern Europe caused further harvest delays, while unseasonably warm, dry weather favored harvest activities in France.

AUSTRALIA: Unseasonable dryness continued over semi-dormant winter grains.

CANADA: Dryness was starting to stress reproductive to filling grains and oilseeds in the southern Prairies.

SOUTH ASIA: Showers boosted moisture supplies across the primary groundnut and coarse grain areas.

SOUTHEAST ASIA: Showers provided ample moisture for crops across Indochina and the Philippines, but more rain is still needed for rainfed second-season crops across Java.

EASTERN ASIA: Late-week showers brought some relief to stressed summer crops across the North China Plain, while Tropical Cyclone Victor caused coastal flooding in extreme southern China.

SOUTH AMERICA: In Argentina, dry, warm weather favored winter wheat planting in Buenos Aires.

MEXICO: Below-normal rainfall continued to limit soil moisture across the western corn belt.

July 1997

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

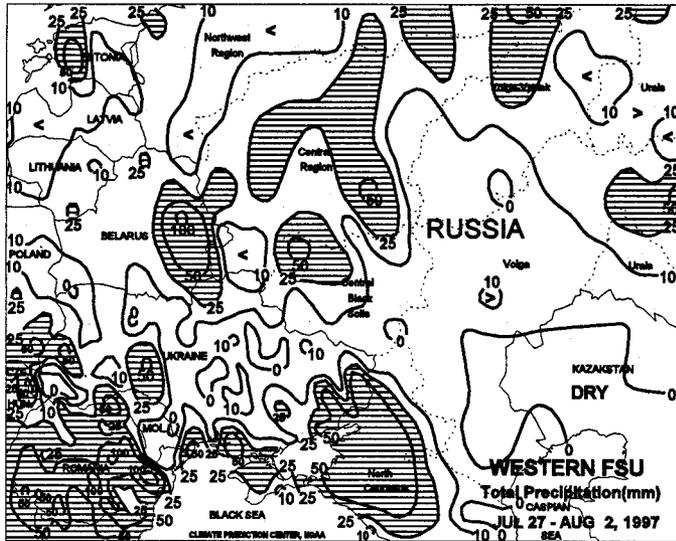
*** DATA NOT AVAILABLE

COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)	
	AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	DPART F/NRM
NORWAY OSLO	24	13	29	9	18	3.1	70 -8
SWEDEN STOCKHOLM	24	14	29	9	19	1.9	27 -44
FINLAND HELSINKI	24	13	30	8	19	1.9	65 -7
UKINGDO GLASGOW	20	11	26	8	16	0.1	74 -9
EDINBURGH	20	12	25	9	16	1.1	75 17
BIRMINGHAM	22	12	27	9	17	0.7	47 -1
LONDON	23	12	27	9	17	0.4	37 -8
IRELAND DUBLIN	20	11	23	7	15	-0.1	67 17
ICELAND REYKJAVIK	15	10	18	7	12	1.9	138 87
DENMARK COPENHAGEN	22	14	27	10	18	0.4	44 -27
LUXEMBO LUXEMBOURG	22	13	28	10	18	0.4	106 39
SWITZERL ZURICH	22	13	27	10	18	-0.2	167 48
GENEVA	24	14	29	10	19	-0.4	160 92
FRANCE PARIS/ORLY	25	14	30	10	19	***	27 **
STRASBOURG	24	14	29	10	19	0.0	66 9
BOURGES	25	14	30	8	19	0.3	67 15
BORDEAUX	26	16	32	11	21	0.8	63 16
TOULOUSE	26	16	31	11	21	-0.2	30 -12
MARSEILLE	29	18	33	14	24	-0.1	19 5
SPAIN VALLADOLID	28	13	34	8	21	-0.8	67 50
MADRID	31	15	37	7	23	-1.5	46 39
SEVILLE	33	20	39	15	27	-1.4	0 -1
PORTUGA LISBON	29	18	35	14	23	1.1	22 18
GERMANY HAMBURG	23	14	27	10	18	1.3	101 19
BERLIN	24	15	27	12	19	0.6	127 75
DUSSELDORF	23	13	28	10	18	-0.2	108 33
LEIPZIG	24	13	28	10	18	0.4	160 97
DRESDEN	22	13	27	11	18	-0.2	191 82
STUTTGART	22	12	27	9	17	-0.4	151 73
MURNBERG	23	12	27	8	18	-0.8	125 57
AUSTRIA VIENNA	23	15	29	10	19	-1.1	232 163
INNSBRUCK	22	12	27	9	17	-0.8	186 58
CZECHRE PRAGUE	22	12	25	9	17	-0.7	141 75
POLAND WARSAW	22	14	28	10	18	0.2	247 180
LODZ	21	13	26	10	17	-0.4	283 192
KATOWICE	21	13	26	9	17	-0.5	375 281
PRZEMYSL	22	13	26	8	17	-0.3	271 171
HUNGARY BUDAPEST	25	16	31	12	20	-0.6	132 80
YUGOSLA BELGRADE	26	17	35	13	21	-0.2	144 75
ROMANIA BUCHAREST	29	15	36	10	22	-0.8	87 22
BULGARIA SOFIA	26	15	37	10	21	0.5	65 5
ITALY MILAN	29	19	33	15	24	0.7	77 14
VERONA	29	17	31	13	23	-0.8	138 77
VENICE	27	18	29	11	22	-0.8	106 42
GENOA	27	21	31	15	24	-0.8	37 10
ROME	29	15	35	10	22	-1.9	10 -3
NAPLES	31	19	38	13	25	0.7	2 -22
GREECE THESSALONIKA	32	20	41	17	26	0.1	46 22
LARISSA	34	19	41	15	26	-0.5	19 -2
ATHENS	33	24	37	21	28	0.5	0 -2
TURKEY ISTANBUL	29	21	34	17	25	1.4	90 69
ANKARA	28	11	34	6	20	***	5 -15
CYPRUS LARNACA	33	23	36	20	28	0.5	0 -1
ESTONIA TALLINN	23	13	31	8	18	1.7	116 39
LITHUANI KAUJAS	24	14	30	9	19	1.6	83 11
BELARUS MINSK	23	15	29	10	19	1.2	114 12
RUSSIA KAZAN	23	12	31	8	18	-1.9	83 15
MOSCOW	24	13	28	9	19	0.3	14 -77
YEKATERINBURG	21	11	27	7	16	-2.5	134 54
OMSK	22	10	31	-7	16	-3.6	89 28
NOVOSIBIRSK	23	12	34	5	18	-1.0	62 4
BARNAUL	26	13	37	5	19	-0.7	60 -2
KHABAROVSK	27	17	33	11	22	0.5	179 46
VLADIVOSTOK	23	17	31	13	20	2.9	99 -44
SARATOV	24	16	32	13	20	-0.3	155 102
VOLGOGRAD	27	17	34	13	22	-2.1	77 50
ROSTOV	26	17	30	12	22	-1.2	292 236
ASTRAKHAN	30	20	36	15	25	-0.3	132 110
KRASNODAR	28	17	32	12	23	-0.9	293 248
ORENBURG	25	14	31	9	20	-2.1	155 118

Based on Preliminary Reports

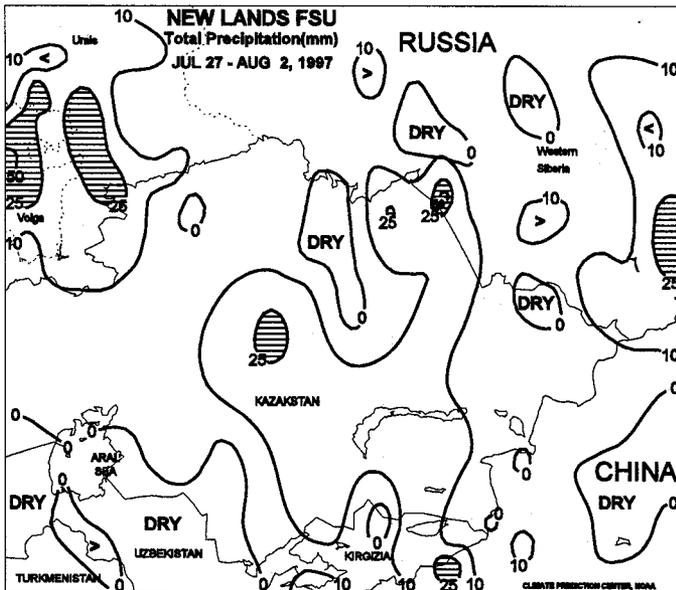
July 1997

COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)		COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)			
		AVG	AVG	HI	LO	DPART	TOTAL	DPART			AVG	AVG	HI	LO	DPART	TOTAL	DPART		
		MAX	MIN	MAX	MIN	AVG	F/NRM	TOTAL			MAX	MIN	MAX	MIN	AVG	F/NRM	TOTAL	F/NRM	
KAZAKHS	TSELINOGRAD	26	13	38	2	20	-0.2	60	10	ZAMBIA	LUSAKA	22	**	28	-7	**	0	0	
	KARAGANDA	28	14	38	9	21	0.0	16	-25	ZIMBABW	HARARE	21	9	29	6	15	1.9	1	-1
GEORGIA	TBILISI	30	20	36	16	25	0.4	157	112	S AFRICA	PRETORIA	20	5	25	1	13	0.8	6	4
UZBEKIST	TASHKENT	37	20	45	16	29	1.1	0	-3		JOHANNESBURG	17	4	21	-1	10	0.1	7	3
TURKMENI	ASHKHABAD	38	25	42	21	32	0.7	14	11		BETHAL	18	1	24	-6	9	0.6	4	-4
SYRIA	DAMASCUS	37	18	41	15	27	0.8	0	0		DURBAN	22	11	28	7	16	-0.3	125	86
ISRAEL	JERUSALEM	30	18	34	16	24	1.1	0	0		CAPE TOWN	19	7	27	0	13	0.9	13	-70
PAKISTAN	KARACHI	34	29	40	20	31	0.9	5	-83	CANADA	TORONTO	27	15	34	9	21	0.3	30	-47
INDIA	AMRITSAR	35	26	41	22	31	0.1	211	11		MONTREAL	25	16	30	10	21	-0.3	121	35
	NEW DELHI	36	28	40	25	32	0.7	58	-166		WINNIPEG	25	14	31	3	20	-0.2	88	15
	AHMEDABAD	34	27	36	22	30	0.4	135	-122		REGINA	26	11	34	6	19	-0.4	39	-20
	INDORE	30	23	36	21	26	-0.1	438	162		SASKATOON	26	10	34	4	18	-0.4	24	-33
	CALCUTTA	33	26	35	23	30	0.6	442	120		LETHBRIDGE	26	9	31	3	18	-0.7	25	-21
	VERAVAL	31	28	33	20	29	1.0	293	23		CALGARY	23	9	30	3	16	-0.5	16	-53
	BOMBAY	31	27	32	24	29	1.5	503	-442		EDMONTON	23	12	32	9	17	-0.1	45	-50
	POONA	28	23	31	22	26	0.4	168	-20		VANCOUVER	22	14	27	11	18	0.4	80	44
	BEGAMPET	32	23	35	21	27	0.5	177	8	MEXICO	GUADALAJARA	**	**	30	13	**	**	45	-212
	VISHAKHAPATNAM	31	27	40	24	29	**	112	**		MEXICO CITY	25	14	27	12	19	2.5	168	43
	MADRAS	37	27	39	24	32	1.4	35	-93		ACAPULCO	34	26	35	22	30	1.1	56	-115
	MANGALORE	28	23	31	22	26	-0.4	1635	576	BERMUDA	ST. GEORGES	30	26	31	22	28	0.8	46	-62
HONGKO	KINGS PEAK	30	26	32	22	28	**	829	**	BAHAMAS	NASSAU	32	25	33	22	28	0.4	304	163
N KOREA	PYONGYANG	28	20	35	14	24	0.4	134	-263	JAMAICA	KINGSTON	33	26	35	20	30	0.9	61	21
S KOREA	SEOUL	30	23	36	18	27	2.0	311	-47	P RICO	SAN JUAN	32	25	33	23	28	0.3	122	14
JAPAN	SAPORO	27	19	33	14	23	2.5	120	51	GUADELO	RAIZET	32	25	34	23	28	1.1	160	81
	NAGOYA	30	23	36	20	26	0.4	480	264	MARTINIQ	LAMENTIN	30	25	31	24	28	1.2	280	64
	TOKYO	30	24	38	19	27	1.8	214	87	BARBADO	BRIDGETOWN	30	25	36	23	28	0.3	273	142
	YOKOHAMA	29	23	35	20	26	1.5	177	36	TRINIDAD	PORT OF SPAIN	31	24	33	23	28	1.2	344	92
	KYOTO	30	23	34	17	27	0.4	377	127	COLOMBIA	BOGOTA	18	9	20	6	**	**	31	-6
	OSAKA	30	24	34	20	27	-0.1	318	180	VENEZUEL	CARACAS	31	24	34	23	28	1.3	125	68
THAILAND	PHETCHABUN	32	24	33	23	28	0.4	258	80	F GUIANA	CAYENNE	31	22	32	21	27	1.0	178	-67
	BANGKOK	33	27	36	25	30	1.0	34	-121	BRAZIL	FORTALEZA	31	23	32	21	27	0.9	34	-68
MALAYSIA	KUALA LUMPUR	32	24	34	23	28	1.8	264	132		RECIFE	28	21	28	18	24	0.1	204	-176
VIETNAM	HANOI	32	27	37	25	29	0.5	468	145		BELO HORIZONTE	24	15	28	12	20	1.1	2	-37
CHINA	HARBIN	30	20	35	16	25	1.8	117	-27		CAMPO GRANDE	**	**	30	12	**	**	**	**
	HAMI	35	18	41	12	26	-0.2	19	12		FRANCA	**	**	26	12	**	**	**	**
	LANCHOW	29	18	38	15	23	1.2	126	70		RIO DE JANEIRO	**	**	31	15	**	**	**	**
	BEIJING	33	24	38	20	28	2.3	217	41		LONDRINA	24	13	28	10	19	1.8	32	-36
	TIENSIN	34	24	39	19	29	2.5	106	-71		SANTA MARIA	20	12	30	3	18	2.3	106	-42
	LHASA	23	10	27	7	17	0.4	106	-19		PORTO ALEGRE	20	10	29	2	15	0.9	195	67
	KUNMING	23	17	28	13	20	-0.1	519	317	PERU	LIMA	25	21	28	18	23	5.9	0	-1
	CHENGCHOW	33	23	37	18	28	1.3	85	-61	BOLIVIA	LA PAZ	15	-4	17	-8	5	-1.1	0	-9
	YECHANG	31	24	35	21	27	-0.2	379	173	CHILE	SANTIAGO	16	4	21	-1	10	1.6	112	31
	HANKOW	32	26	36	21	29	-0.2	354	202	ARGENTIN	IGUAZU	25	13	29	2	19	**	223	**
	CHUNGKING	32	25	37	22	29	**	215	**		FORMOSA	25	15	31	3	20	3.6	54	6
	CHIHKIANG	30	23	35	18	27	-0.8	281	165		CERES	22	10	35	-5	16	3.3	5	-14
	WU HU	32	24	36	20	28	**	141	**		CORDOBA	20	7	33	-3	13	2.9	11	-2
	SHANGHAI	31	25	35	21	28	**	222	**		RIO CUARTO	17	7	32	1	12	2.9	13	-1
	NANCHANG	32	25	35	21	28	-1.6	325	204		ROSARIO	18	9	30	-2	13	3.1	14	-24
	TAIPEI	32	25	34	23	28	0.2	359	125		BUENOS AIRES	17	8	29	-1	12	2.4	33	-23
	CANTON	31	25	35	24	28	-0.4	348	135		SANTA ROSA	16	6	26	-2	11	3.1	79	60
	NANNING	31	25	35	23	28	-0.2	389	188		TRES ARROYOS	13	8	23	-1	9	2.0	69	26
CANARY I	LAS PALMAS	27	21	28	19	24	0.8	21	21	NEW CAL	NOUMEA	22	17	25	15	20	-0.3	205	132
MOROCC	CASABLANCA	25	19	26	18	22	-0.2	13	13	FIJI	NAUSORI	25	20	28	15	22	-0.1	164	51
	MARRAKECH	34	18	40	14	26	-2.1	0	-1	SAMOA	PAGO PAGO	**	**	31	22	**	**	73	-87
ALGERIA	ALGER	29	19	34	13	24	-0.4	10	9	TAHITI	PAPEETE	29	21	31	18	25	0.8	2	-59
	BATNA	35	18	42	13	26	1.7	7	-1	AUSTRALI	DARWIN	30	19	33	17	25	-0.2	0	-1
TUNISIA	TUNIS	33	22	40	18	27	1.0	0	-2		BRISBANE	19	10	22	8	15	-0.2	20	-48
NIGER	NIAMEY	35	25	39	21	30	1.4	93	-60		PERTH	18	7	23	3	12	-0.5	121	-37
MALI	TIMBUKTU	**	**	45	23	**	**	29	-27		CEDUNA	16	2	22	-3	9	-2.5	12	-29
	BAMAKO	31	23	36	20	**	**	132	-97		ADELAIDE	14	5	17	2	9	-1.6	20	-47
MAURITAN	NOUAKCHOTT	34	25	47	21	29	2.1	0	-13		MELBOURNE	12	4	18	-1	8	-1.4	12	-31
SENEGAL	DAKAR	30	25	32	17	27	0.5	20	-41		WAGGA	13	2	17	-2	7	-0.4	26	-29
CHAGOS	DIEGO GARCIA	**	**	29	24	**	**	**	**		CANBERRA	11	-2	15	-5	5	-0.6	12	-29
LIBYA	TRIPOLI	37	24	47	19	30	2.5	0	0	INDONESIA	DJAKARTA	33	22	34	19	27	1.0	1	**
	BENGHAZI	32	23	41	16	28	1.7	30	30	PHILIPPI	MANILA	31	26	33	25	29	0.4	456	158
EGYPT	CAIRO	35	23	42	19	29	0.9	0	0										
	ASWAN	42	27	47	25	35	1.1	0	0										
ETHIOPIA	ADDIS ABABA	21	11	24	10	16	0.8	282	31										
KENYA	NAIROBI	23	12	28	8	18	0.8	15	4										
TANZANIA	DAR ES SALAAM	29	19	30	15	24	0.2	35	7										
GABON	LIBREVILLE	**	**	27	22	**	**	**	**										
TOGO	LOME	29	23	32	20	26	0.5	86	-15										
BURKINA	OUAGADOUGOU	33	24	37	20	29	1.3	112	-73										



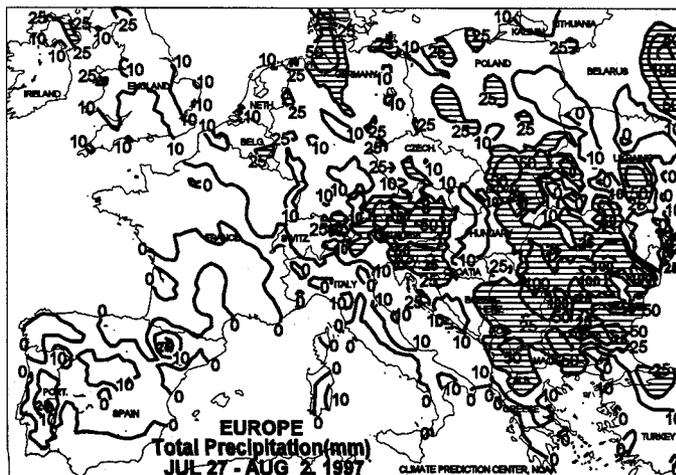
FSU-WESTERN

Weather conditions were mixed for harvest activities over the region. In Ukraine, mostly dry weather prevailed over central areas, improving conditions for winter grain harvesting. However, light to moderate showers (10-25 mm, with local amounts in excess of 50 mm) in western and eastern areas caused further harvest delays and potential reductions in crop quality. In Russia, moderate to heavy rain (50-97 mm) over North Caucasus delayed harvest activities and caused some lodging of summer crops. Unseasonably warm, dry weather prevailed over the Volga Valley, improving conditions for winter and spring grain harvesting. Elsewhere in Russia, widespread rain (10-50 mm) in the Central Region slowed winter and spring grain harvesting but increased topsoil moisture for upcoming planting of next year's winter grain crops. Light showers over the Baltic States and western Belarus slowed harvest activities, while locally heavy rain (50-115 mm) in eastern Belarus likely caused localized flooding. Weekly temperatures averaged 1 to 2 degrees C above normal in Ukraine and southern Russia and 2 to 4 degrees C above normal in the Baltics, Belarus, and northern Russia.



FSU-NEW LANDS

Light scattered showers (5-10 mm) were accompanied by seasonable temperatures over most spring grain areas in Russia and Kazakstan. The exception was in the western Urals and extreme eastern areas in Western Siberia where heavier rains (10-40 mm) occurred. Spring grains were likely filling over most of the Urals, southern areas in Siberia, and most of northern Kazakstan. Crops were likely advancing through reproduction in extreme northern crop areas in Russia, while crops were maturing across the southern fringe of the crop area in Kazakstan.

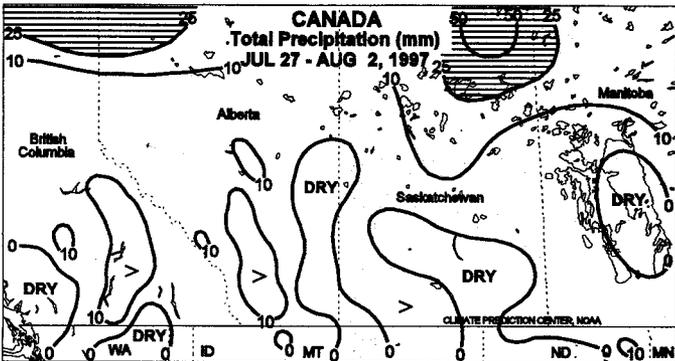


EUROPE

Late-week rain (10-50 mm) continued to maintain saturated soils in eastern Germany, Poland, the Czech Republic, and Slovakia, slowing winter grain maturation and harvesting and increasing the potential for reductions in crop quality. Farther south, showers and thunderstorms produced moderate to heavy rain (25-50 mm, with locally higher amounts in excess of 50 mm) at week's end in Romania, Bulgaria, and eastern areas in former Yugoslavia, delaying winter grain harvesting and likely causing localized flooding and crop lodging. Elsewhere, continued unseasonably warm, dry weather in France and northern Italy allowed winter and spring grain harvesting to progress without delays. Light, but frequent showers (8-25 mm) slowed harvest activities from England, eastward through the Benelux countries, into western Germany. Weekly temperatures averaged 1 to 3 degrees C above normal in western Europe and 1 to 3 degrees C below normal in the east.

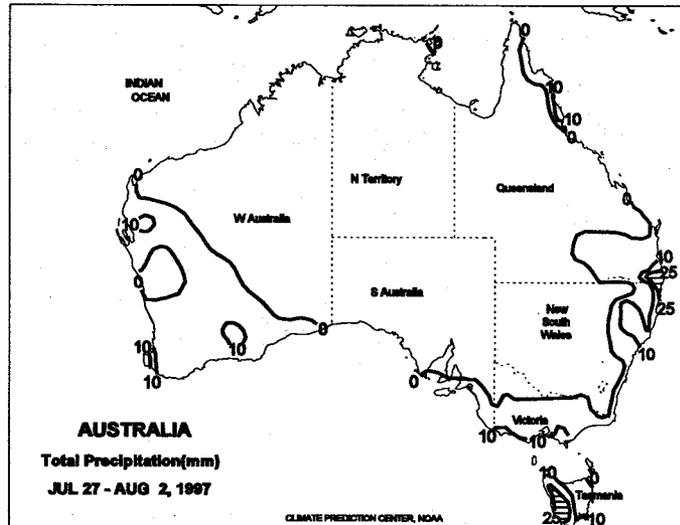
CANADA

Unseasonable dryness continued across the Prairies, with the major production areas receiving only widely scattered, light rain (5 mm or less). Spring grains and oilseeds are heading to filling across the Prairies, and declines in crop condition have been reported across southern growing areas due to the dry spell. However, temperatures have been seasonable, with highs at or below 32 degrees C posing no severe stress. Rain is needed across the Prairies to prevent significant declines in yield potential. In the east, scattered showers (5-25 mm) and generally seasonable temperatures favored corn and soybeans, but a few locations needed rain for normal development.



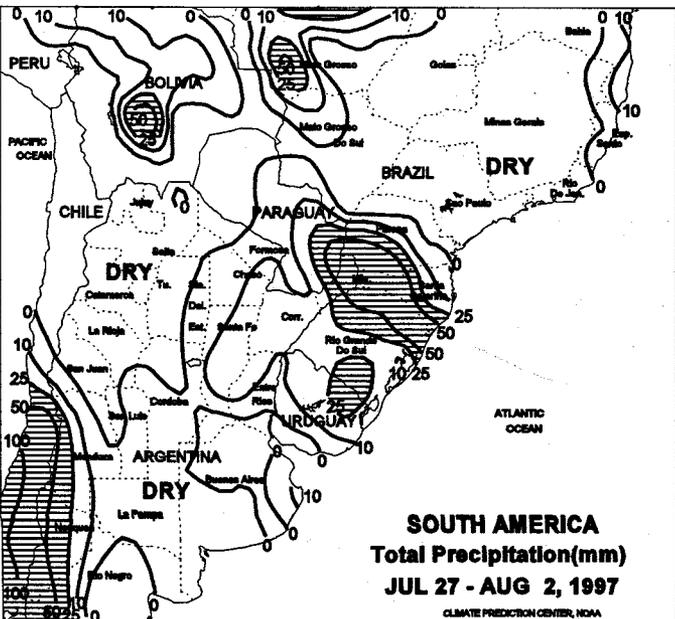
AUSTRALIA

Dry weather dominated the major winter grain areas, with just a few widely scattered light showers (generally 5 mm or less). Temperatures averaged 2 to 3 degrees C above normal in Western Australia and near to below normal in the eastern grain belts, with frost and freezing temperatures continuing even as far north as Queensland. In August, seasonal warming across Australia typically spurs growth to the extent that barley and some wheat begins heading in Queensland. August and September will, therefore, be critical months for gaining needed rainfall, especially in the southeast. In New Zealand, light rain (10 mm or less) continued throughout the main pasture areas.



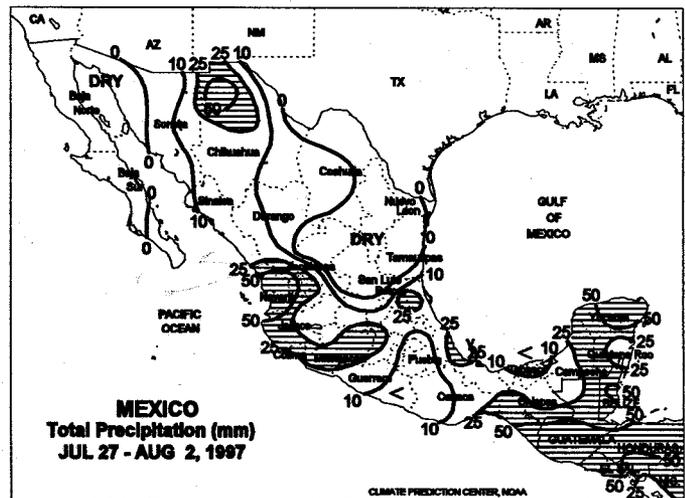
SOUTH AMERICA

Mostly dry, warm weather (temperatures 5-7 degrees C above normal) prevailed across central Argentina. This weather favored winter wheat planting across southern Buenos Aires, which had been too wet. In southern Cordoba and Santa Fe, isolated showers (2-25 mm) increased topsoil moisture, but the unseasonably warm weather reduced topsoil moisture in the areas missed by the showers. According to reports as of July 25, wheat planting was 66 percent completed, compared with 86 percent last year. In southern Brazil, widespread rain (5-30 mm, with isolated amounts greater than 50 mm) favored vegetative winter wheat across the major wheat belt of eastern Parana, Santa Catarina, and Rio Grande do Sul. Mostly dry weather prevailed across northern Parana and Mato Grosso do Sul, where soil moisture was adequate for wheat entering the heading stage. Temperatures averaged 3 to 5 degrees above normal, increasing growth and water demands of winter wheat.



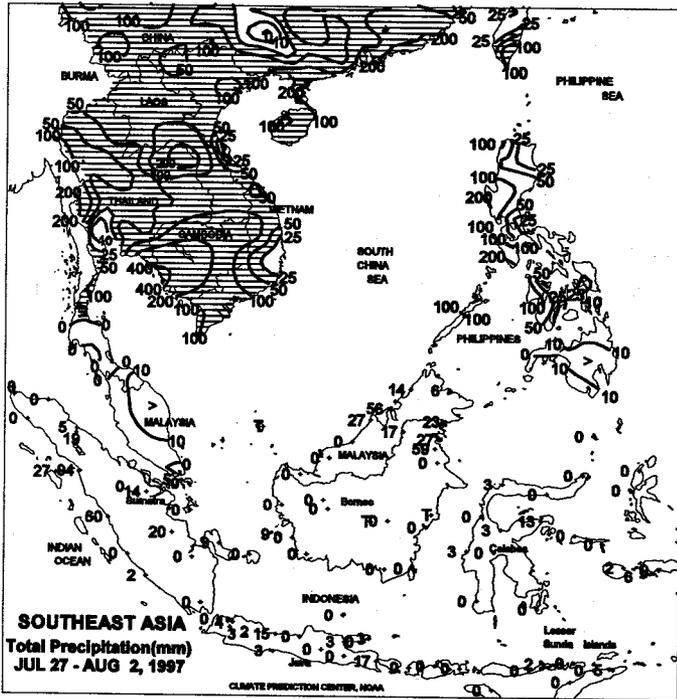
MEXICO

Light to moderate showers (8-40 mm) covered the main corn belt, providing some moisture for vegetative to reproductive corn, but more is needed. Temperatures averaged 2 to 4 degrees above normal, increasing crop water use. The below-normal rainfall was starting to stress corn in the west, while adequate soil moisture prevailed in the east. The corn areas of southern Mexico and the Yucatan Peninsula have received seasonable rainfall. Drought was becoming established across northeastern Mexico, where meager rainfall the past 2 months reduced reservoir levels and damaged rainfed summer crops. Less than 5 percent of the corn crop is grown in the northeast. Light to moderate showers (5-25 mm, with isolated amounts greater than 75 mm) across north-central Mexico favored pastures.



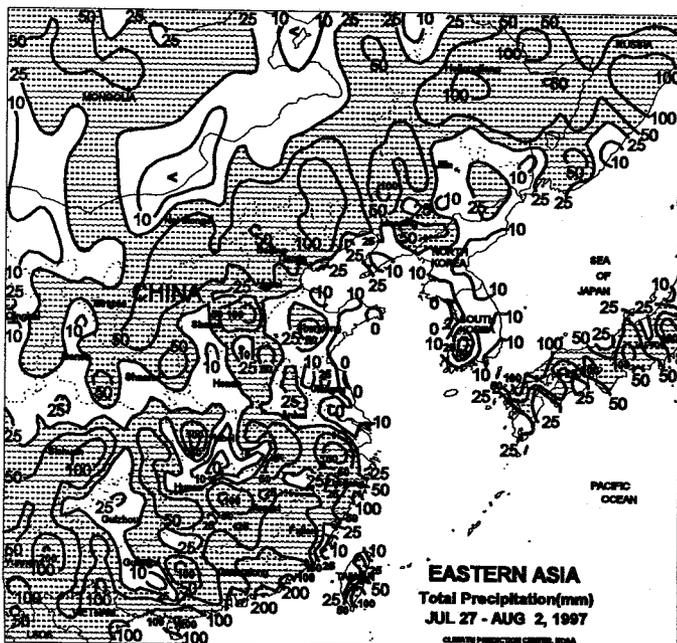
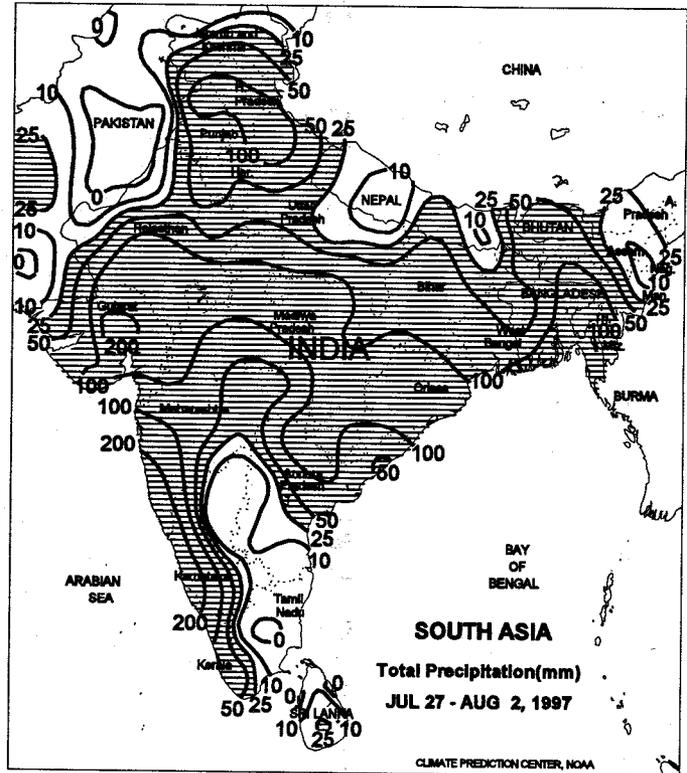
SOUTHEAST ASIA

Showers (25-100 mm) provided abundant moisture for rice, corn, and sugarcane across most of Thailand and Vietnam. South-central Thailand, however, still received below-normal rainfall, stressing rainfed corn. Seasonable showers (30-125 mm) benefited main-season grains across the Philippines. In Java, light, scattered showers (3-15 mm) brought little relief to vegetative rainfed corn. Light showers (less than 15 mm) reduced moisture supplies in the eastern oil palm areas of the Malay peninsula.



SOUTH ASIA

Highly beneficial rain was well distributed over rainfed crop areas of western and central India. In Gujarat, heavy showers (50-100 mm or more) were welcomed in the main groundnut areas, following weeks of dryness. Moderate to heavy rain (25-75 mm or more) also broke a drying trend in sugarcane and coarse grain areas of Maharashtra, but similar amounts across Madhya Pradesh into Bangladesh likely kept some soybeans and rice unfavorably wet. Lighter rain (25 mm or less) returned to important oilseed and cotton areas of southern India. Moderate showers (20-50 mm or more) increased moisture supplies across northern India, but northern Pakistan received lesser amounts (5-20 mm).



EASTERN ASIA

Late-week showers (12-35 mm) brought some relief to stressed summer crops across the North China Plain, but more rain is needed to stabilize yield prospects. Earlier in the week, high temperatures ranged from 34 to 38 degrees C (2-4 degrees C above normal for the week). Heavier showers (40-90 mm, with isolated amounts greater than 150 mm) in central and southern Hebei provided significant relief. Widespread moderate showers (20-50 mm) benefited reproductive summer crops and filling spring wheat across Manchuria. Showers (30-75 mm) continued to favor summer crops across Sichuan, the Yangtze Valley, and most of southern China. Tropical Cyclone Victor hit Guangdong on August 2, with sustained winds of 55 knots (64 mph). The storm helped to produce heavy coastal rain (125-300 mm) and the subsequent flooding caused local damage to rice and sugarcane. Light to moderate rain (10-25 mm) fell across North Korea, but more rain is still needed for summer crops. In Japan, light to moderate rain (15-40 mm) maintained moisture levels for reproductive rice.

The *Weekly Weather and Crop Bulletin* is published weekly and jointly prepared by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) and the U.S. Department of Agriculture (USDA). Publication began in 1872 as the *Weekly Weather Chronicle*. It is issued under general authority of the Act of January 12, 1895 (44-USC 213), 53rd Congress, 3rd Session. NOAA is responsible for managing, printing, and distributing the bulletin. The contents may be reprinted freely, with proper credit.

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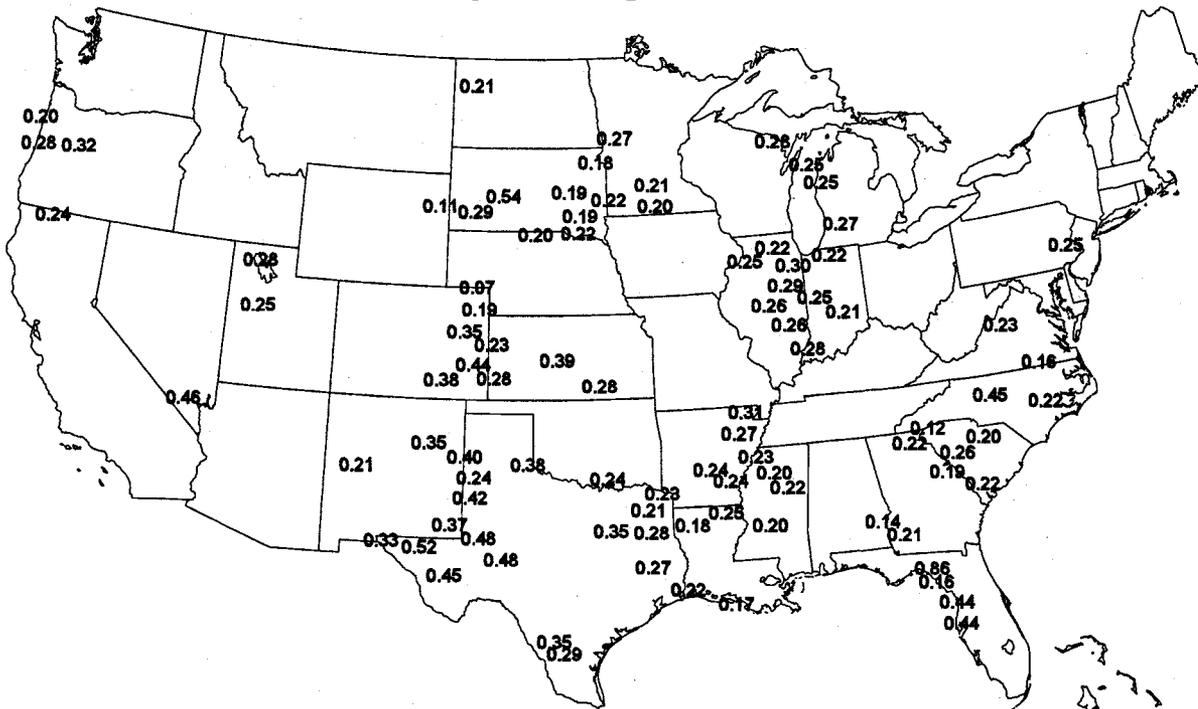
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**Average Pan Evaporation (Inches/Day)
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