WEEKLY WEATHER AND CROP BULLETIN

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National Oceanic and Atmospheric Administration, National Weather Service

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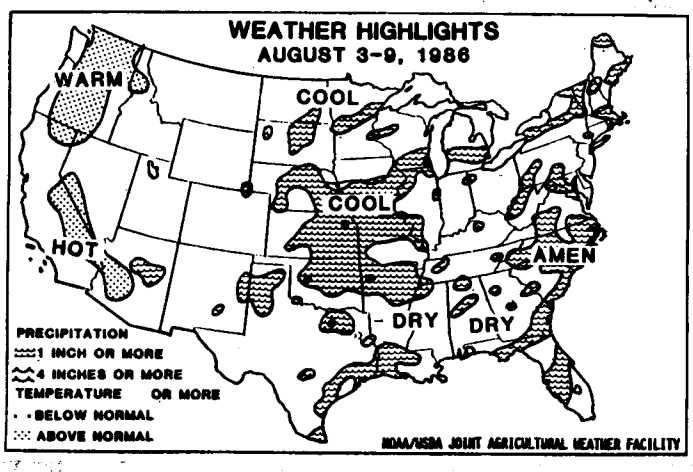
National Weather Summary

AUGUST 3 to 9, 1986



HIGHLIGHTS: Little or no rain fell in the West except for monsoon type showers from Arizona and New Mexico into the central Rockies. Showers and thunderstorms were nearly everywhere east of the Rocky Mountains. Thunderstorms triggered heavy rain from the eastern portion of the central Great Plains to the middle Mississippi Valley. Heavy showers covered much of the very dry parts of the Southeast but some parts, especially from the southern two-thirds of Mississippi through southern Alabama into south central Georgia and central South Carolina, remained very dry. Temperatures were cooler than normal from the Appalachians to the Rockies and through the Great Plains to southern Texas. Unusually warm weather covered the West Coast States and reached into Canada.

SUNDAY...A cold front through the East Coast States triggered showers and thunderstorms from the Great Lakes through the Northeast and along the front. The heaviest showers were along the coast, but some rain fell in most of the Southeast. Thunderstorms were also scattered through northern Texas, the Rocky Mountains, and in parts of the central Plains. Temperatures were cooler than normal from the northern Plains eastward, warmer in the Northwest, and seasonal elsewhere.

MONDAY...Thunderstorms brought heavy rain to the southeast coast and lighter showers through North Carolina. A disturbance in the Gulf brought showers to southern Texas. Thunderstorms continued in the central and southern Rockies, and heavy showers and thunderstorms covered the central Plains.

TUESDAY...Showers continued in southern Texas and spread along the gulf coast into Louisiana. The area of heavy thunderstorms moved from the central Plains to the mid-Mississippi Valley and into the Great Lakes region. Scattered showers and thunderstorms fell from New York through Florida. Hot weather continued across the South, but most of the Nation was cooler.

WEDNESDAY...Showers and thunderstorms were widespread from the eastern Plains to the east coast and from Arizona and New Mexico into the central Rockies. Heavy showers fell in the lower Great Lakes area and moderate amounts were scattered in the East Coast States. Warmer weather was creeping northward in the Plains, and into the Northwest.

THURSDAY...Showers and thunderstorms were again widespread from the Mississippi Valley to the east coast, from the Southwest into the central Rockies, and in the lower part of the central Plains. Moderate to heavy showers fell through most of the Appalachians and in the Piedmonts on either side. Cooler air moved into the northern Plains, but warm weather continued in the Northwest.

FRIDAY...Thunderstorms were frequent from the eastern Great Lakes to New England and southward to the lower Mississippi Valley with scattered showers through the Southeast. Scattered showers continued through the Plains and central to southern Rockies with heavy amounts in Nebraska. It was cool over most of the Nation with hot weather confined to the South and West.

SATURDAY...Showers and thunderstorms covered most of the area from the Rockies and central Plateau to the east coast. Heavy showers fell in the eastern portion of the central Plains and the mid-Mississippi Valley and in the upper Mississippi Valley. Warm weather crept northward along the east coast and continued in the West, but cooler temperatures covered most of the Plains.

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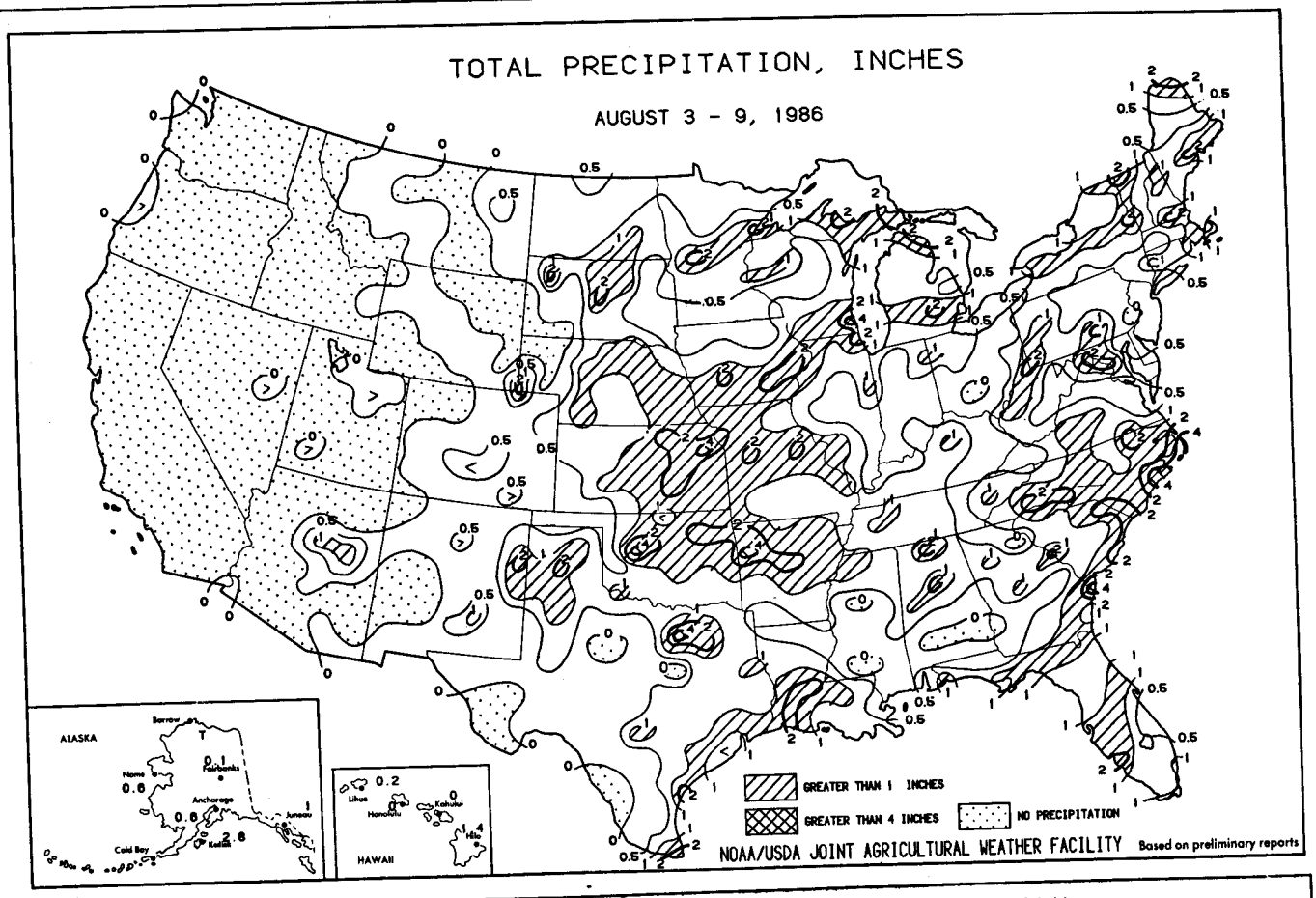
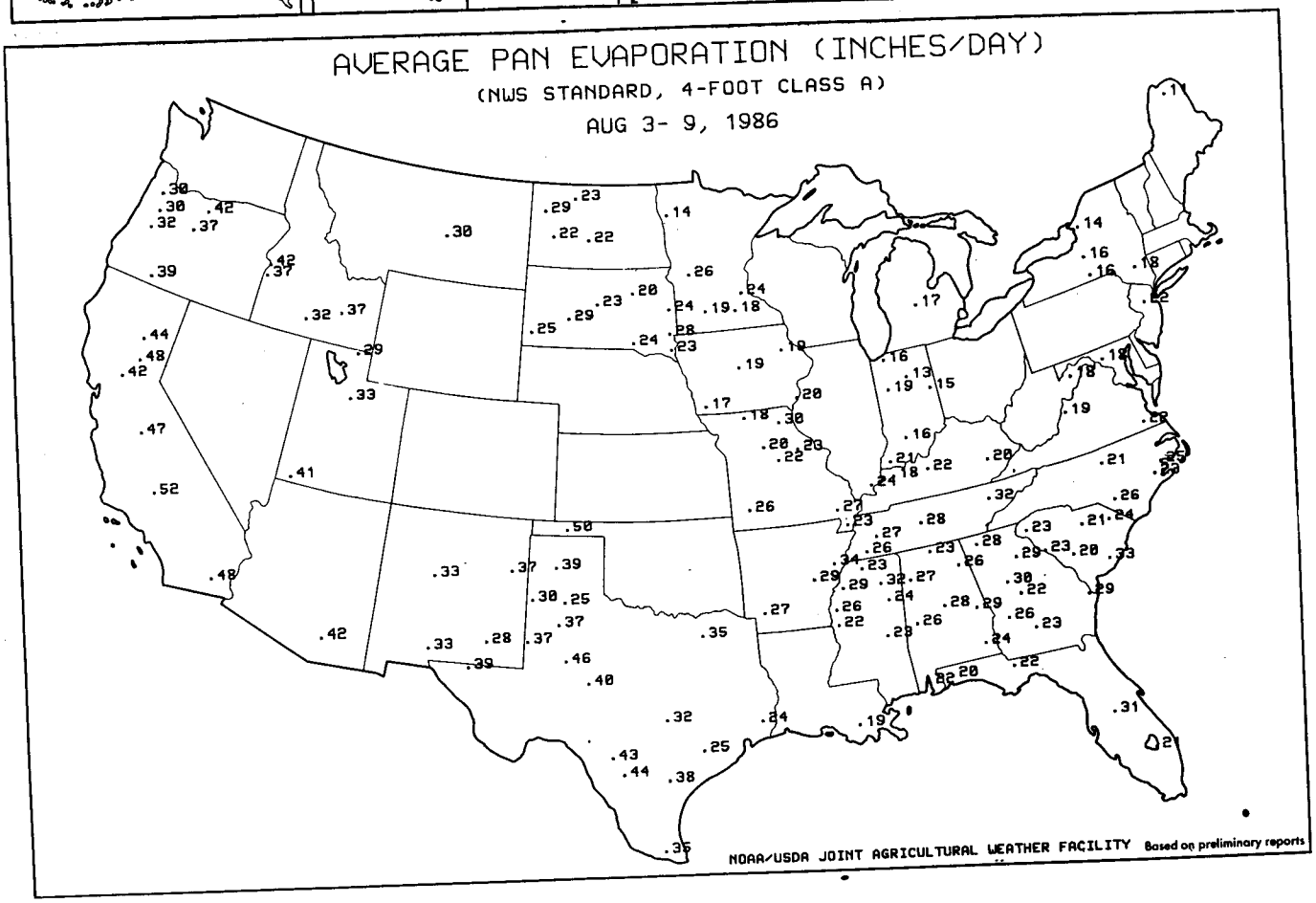
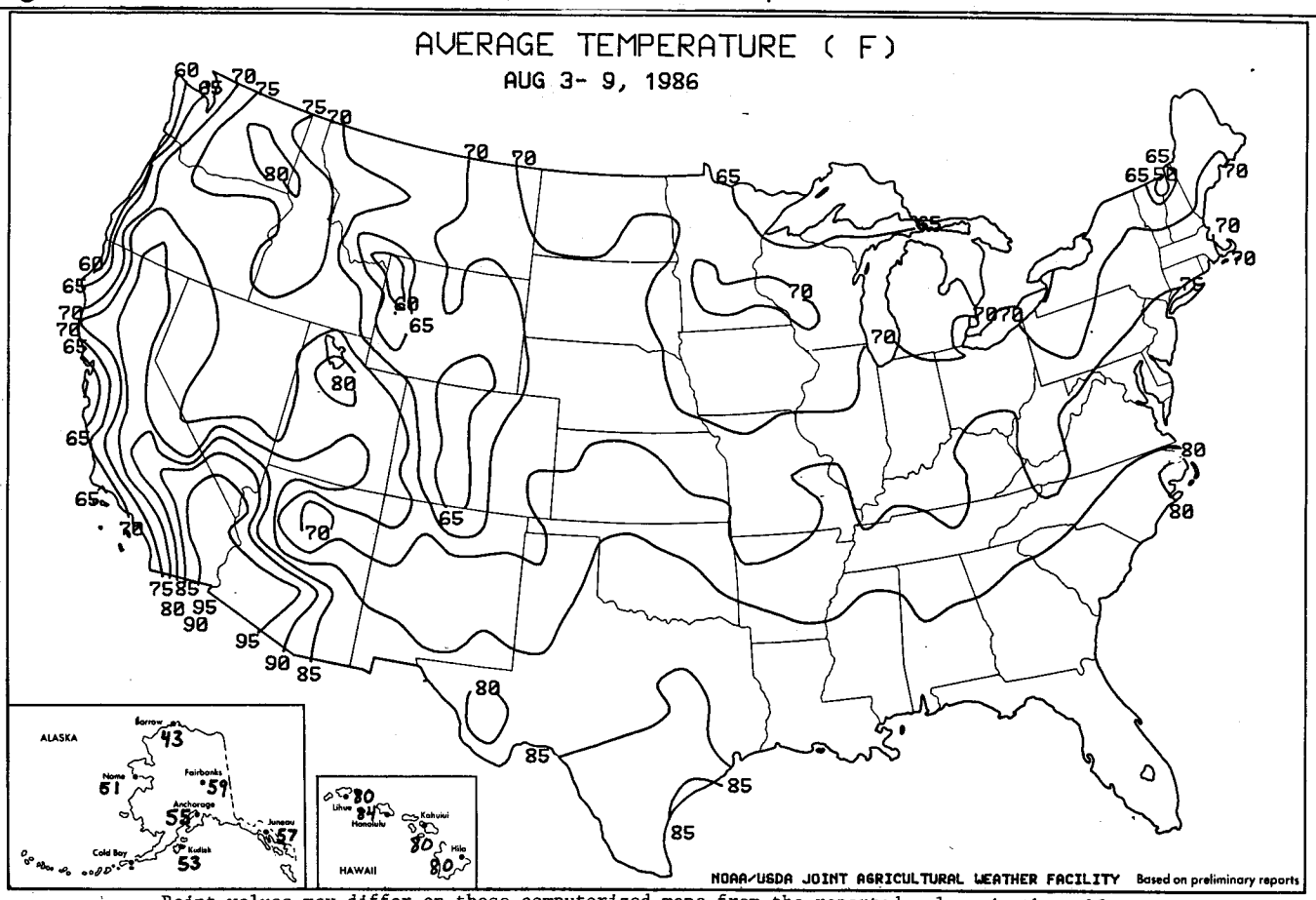
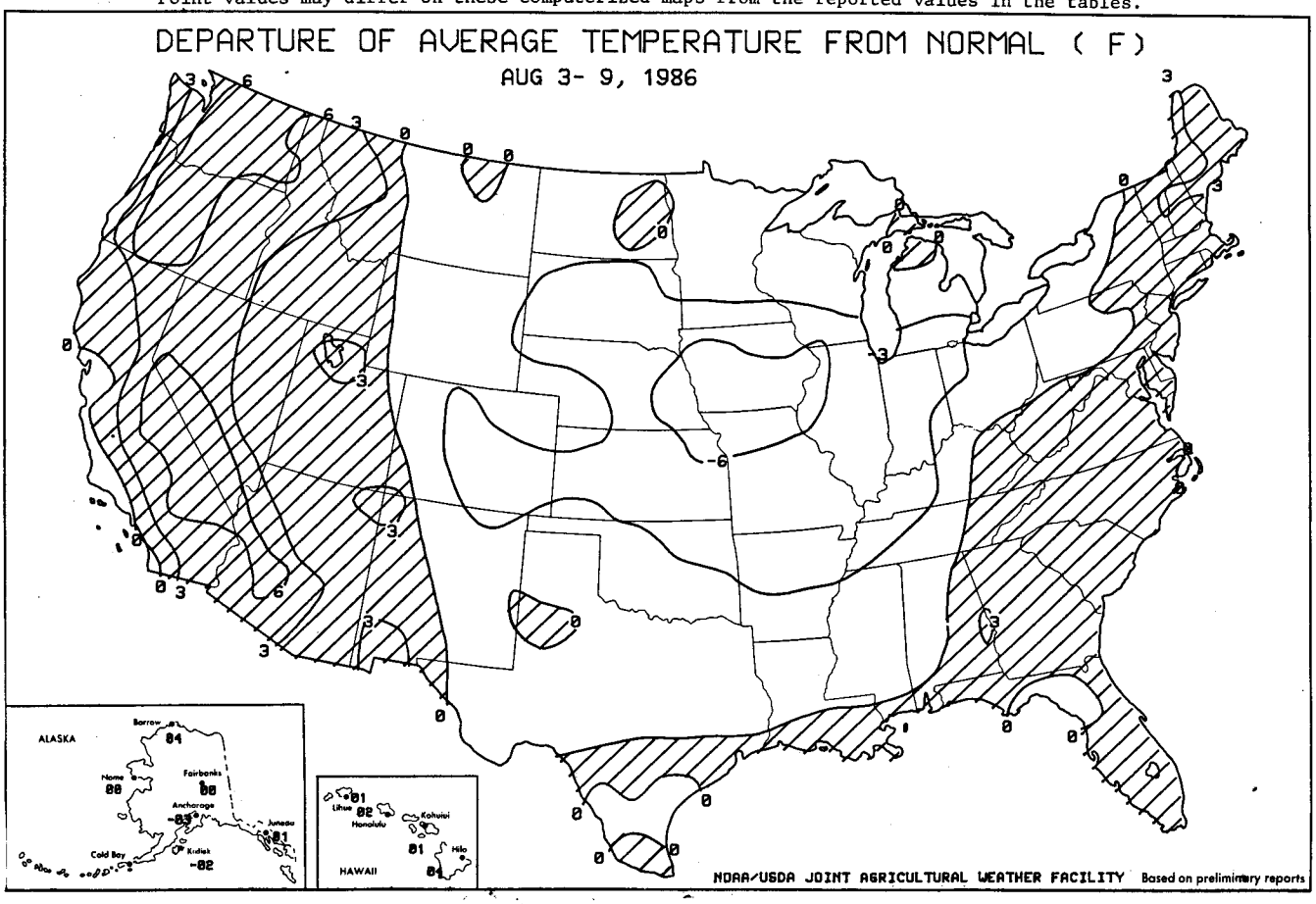
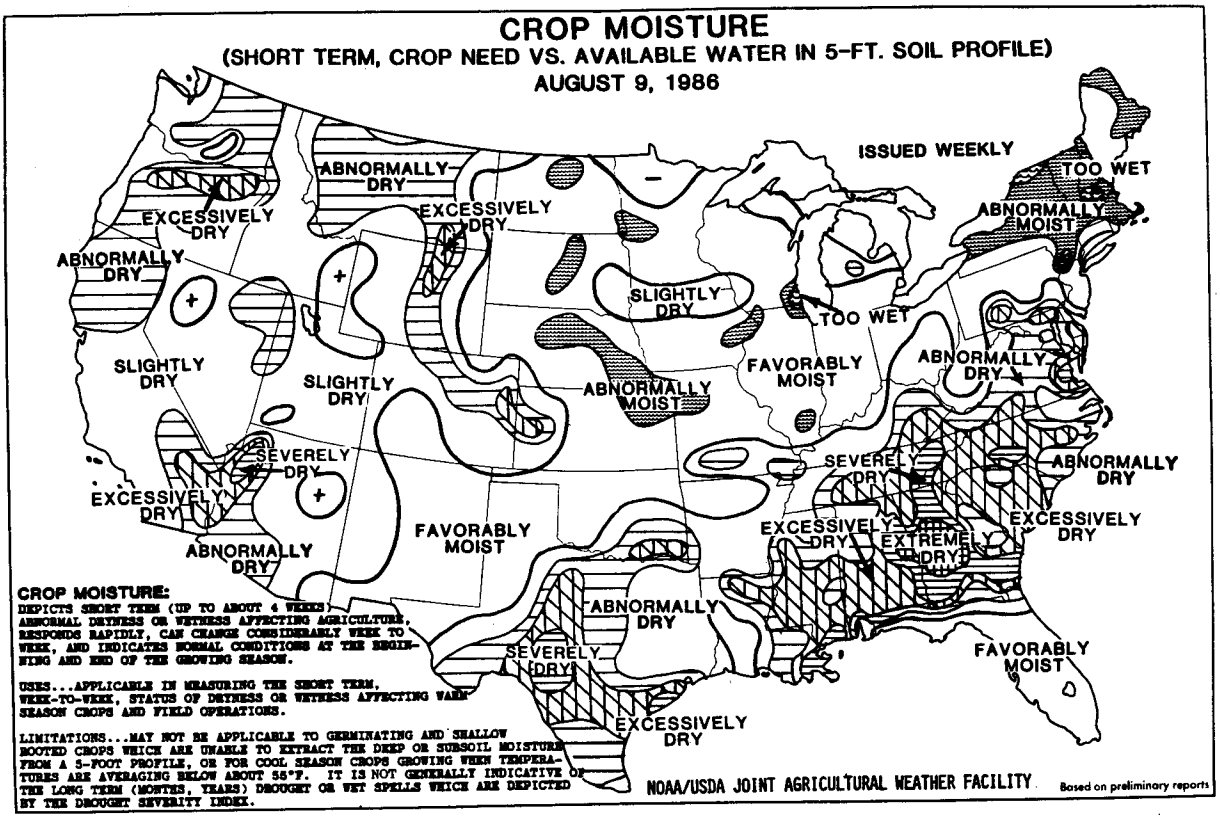

TOTAL PRECIPITATION, INCHES
AUGUST 3 - 9, 1986
ALASKA
HAWAII
GREATER THAN 1 INCHES
GREATER THAN 4 INCHES
NO PRECIPITATION
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

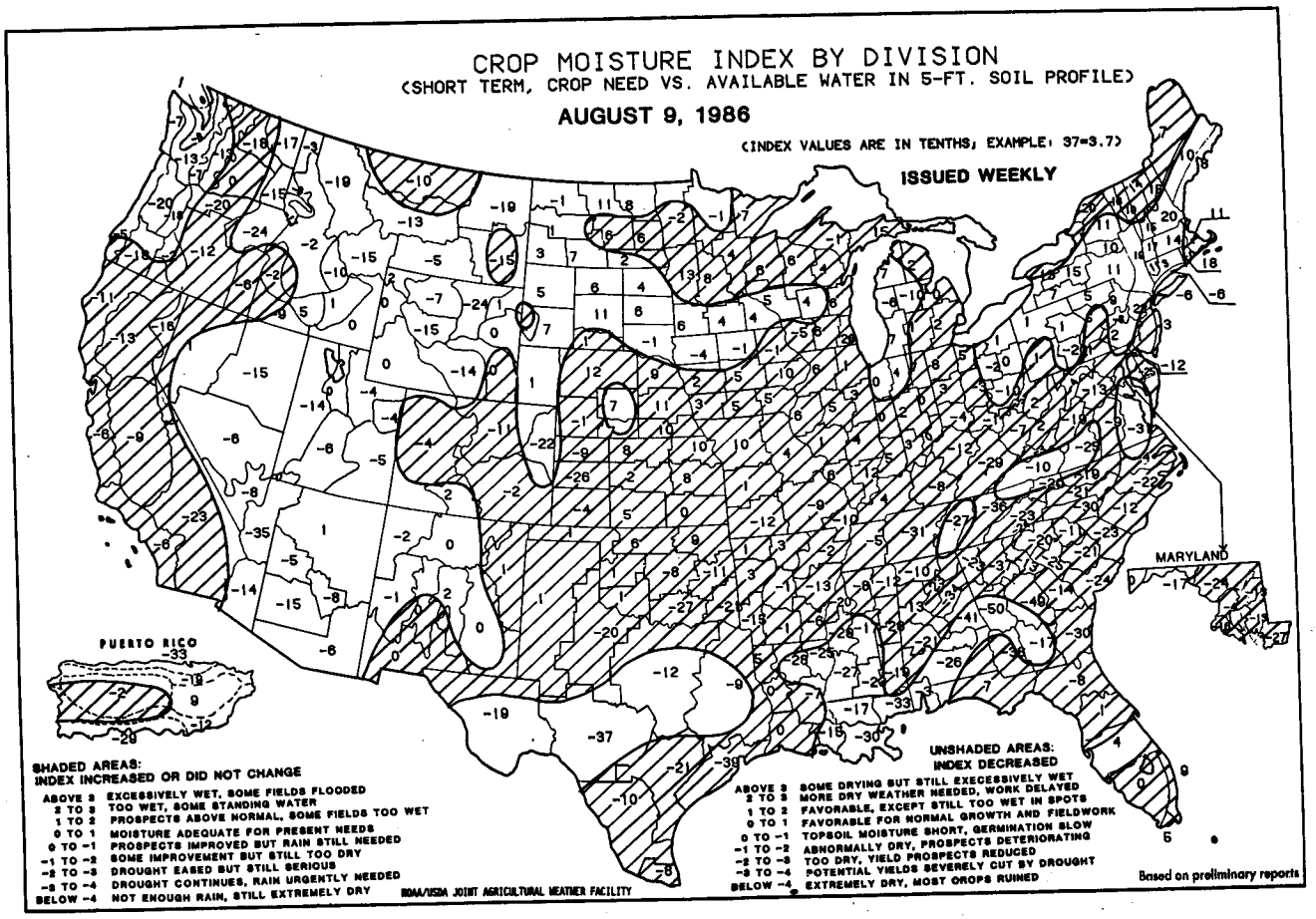

AVERAGE PAN EVAPORATION (INCHES/DAY)
(NWS STANDARD, 4-FOOT CLASS A)
AUG 3- 9, 1986
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

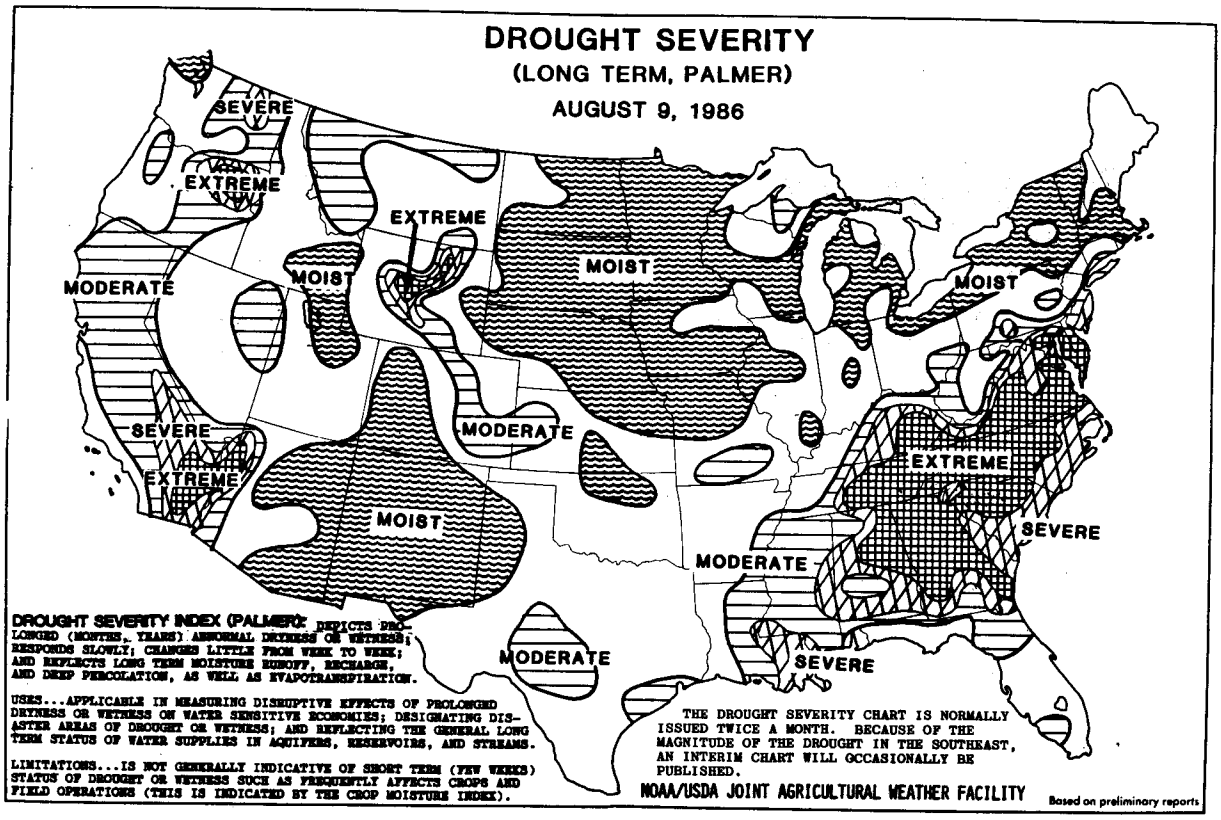


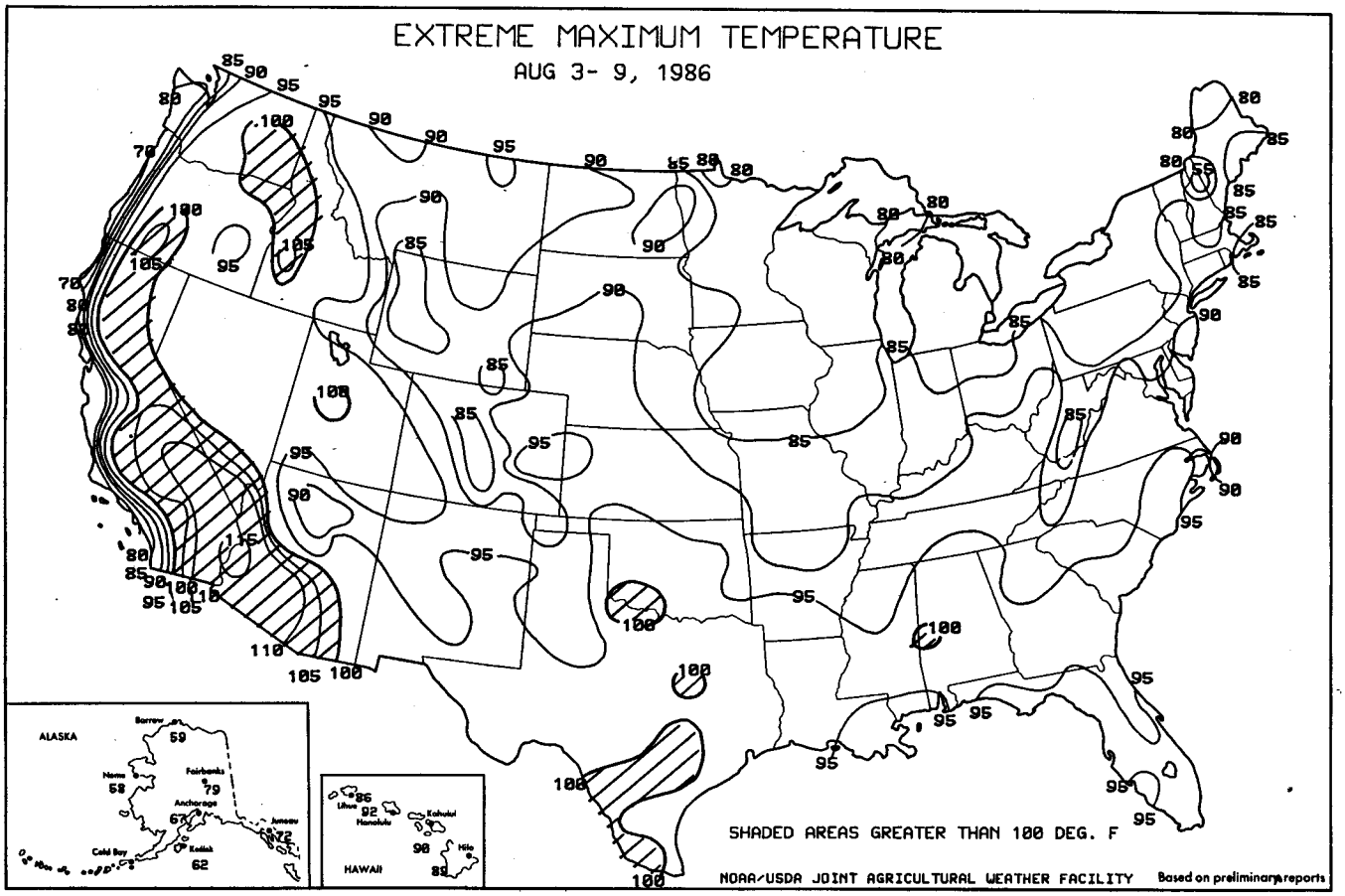
Point values may differ on these computerized maps from the reported values in the tables.




CROP MOISTURE
(SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE)
AUGUST 9, 1986
ISSUED WEEKLY
ABNORMALLY DRY
EXCESSIVELY DRY
EXCESSIVELY DRY
ABNORMALLY DRY
SLIGHTLY DRY
SLIGHTLY DRY
SLIGHTLY DRY
TOO WET
TOO WET
ABNORMALLY MOIST
FAVORABLY MOIST
ABNORMALLY MOIST
ABNORMALLY DRY
SEVERELY DRY
EXCESSIVELY DRY
ABNORMALLY DRY
FAVORABLY MOIST
SEVERELY DRY
ABNORMALLY DRY
EXCESSIVELY DRY
EXTREMELY DRY
EXCESSIVELY DRY
ABNORMALLY DRY
SEVERELY DRY
EXCESSIVELY DRY
FAVORABLY MOIST
CROP MOISTURE:
DEPICTS SHORT TERM (UP TO ABOUT 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK, AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.
USES...APPLICABLE IN MEASURING THE SHORT TERM, WEEK-TO-WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS.
LIMITATIONS...MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A 5-FOOT PROFILE, OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55°F. IT IS NOT GENERALLY INDICATIVE OF THE LONG TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


CROP MOISTURE INDEX BY DIVISION
(SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE)
AUGUST 9, 1986
(INDEX VALUES ARE IN TENTHS; EXAMPLE: 37=3.7)
ISSUED WEEKLY
MARYLAND
PUERTO RICO
SHADED AREAS:
INDEX INCREASED OR DID NOT CHANGE
ABOVE 3 EXCESSIVELY WET, SOME FIELDS FLOODED
2 TO 3 TOO WET, SOME STANDING WATER
1 TO 2 PROSPECTS ABOVE NORMAL, SOME FIELDS TOO WET
0 TO 1 MOISTURE ADEQUATE FOR PRESENT NEEDS
0 TO -1 PROSPECTS IMPROVED BUT RAIN STILL NEEDED
-1 TO -2 SOME IMPROVEMENT BUT STILL TOO DRY
-2 TO -3 DROUGHT EASED BUT STILL SERIOUS
-3 TO -4 DROUGHT CONTINUES, RAIN URGENTLY NEEDED
BELOW -4 NOT ENOUGH RAIN, STILL EXTREMELY DRY
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
UNSHADED AREAS:
INDEX DECREASED
ABOVE 3 SOME DRYING BUT STILL EXCESSIVELY WET
2 TO 3 MORE DRY WEATHER NEEDED, WORK DELAYED
1 TO 2 FAVORABLE, EXCEPT STILL TOO WET IN SPOTS
0 TO 1 FAVORABLE FOR NORMAL GROWTH AND FIELDWORK
0 TO -1 TOPSOIL MOISTURE SHORT, GERMINATION SLOW
-1 TO -2 ABNORMALLY DRY, PROSPECTS DETERIORATING
-2 TO -3 TOO DRY, YIELD PROSPECTS REDUCED
-3 TO -4 POTENTIAL YIELDS SEVERELY CUT BY DROUGHT
BELOW -4 EXTREMELY DRY, MOST CROPS RUINED
Based on preliminary reports


DROUGHT SEVERITY
(LONG TERM, PALMER)
AUGUST 9, 1986
SEVERE
EXTREME
MODERATE
MOIST
EXTREME
MOIST
MOIST
SEVERE
EXTREME
MODERATE
MOIST
EXTREME
SEVERE
MODERATE
MODERATE
SEVERE
DROUGHT SEVERITY INDEX (PALMER): DEPICTS PROLONGED (MONTHS, YEARS) ABNORMAL DRYNESS OR WETNESS; RESPONDS SLOWLY; CHANGES LITTLE FROM WEEK TO WEEK; AND REFLECTS LONG TERM MOISTURE RUNOFF, RECHARGE, AND DEEP PERCOLATION, AS WELL AS EVAPOTRANSPIRATION.
USES...APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED DRYNESS OR WETNESS ON WATER SENSITIVE ECONOMIES; DESIGNATING DISASTER AREAS OF DROUGHT OR WETNESS; AND REFLECTING THE GENERAL LONG TERM STATUS OF WATER SUPPLIES IN AQUIFERS, RESERVOIRS, AND STREAMS.
LIMITATIONS...IS NOT GENERALLY INDICATIVE OF SHORT TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).
THE DROUGHT SEVERITY CHART IS NORMALLY ISSUED TWICE A MONTH. BECAUSE OF THE MAGNITUDE OF THE DROUGHT IN THE SOUTHEAST, AN INTERIM CHART WILL OCCASIONALLY BE PUBLISHED.
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

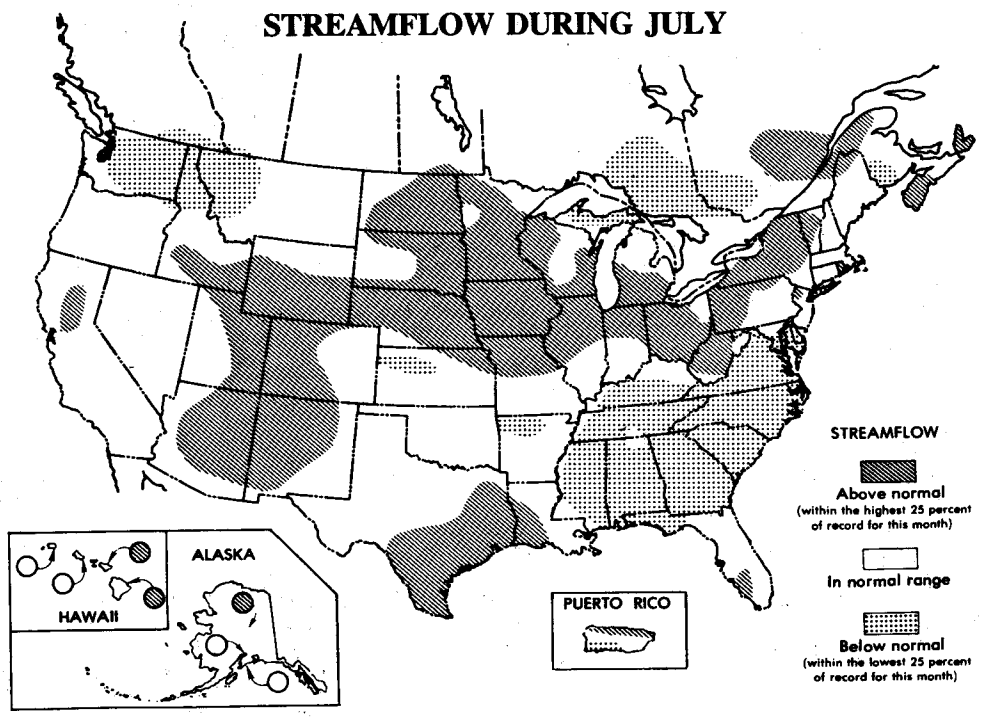

EXTREME MAXIMUM TEMPERATURE
AUG 3- 9, 1986
ALASKA
Barrow 59
Nome 58
Fairbanks 79
Anchorage 67
Juneau 72
Cold Bay
Kodiak 62
HAWAII
Lihue 86
Honolulu 92
Kahului 90
Hilo 82
SHADED AREAS GREATER THAN 100 DEG. F
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

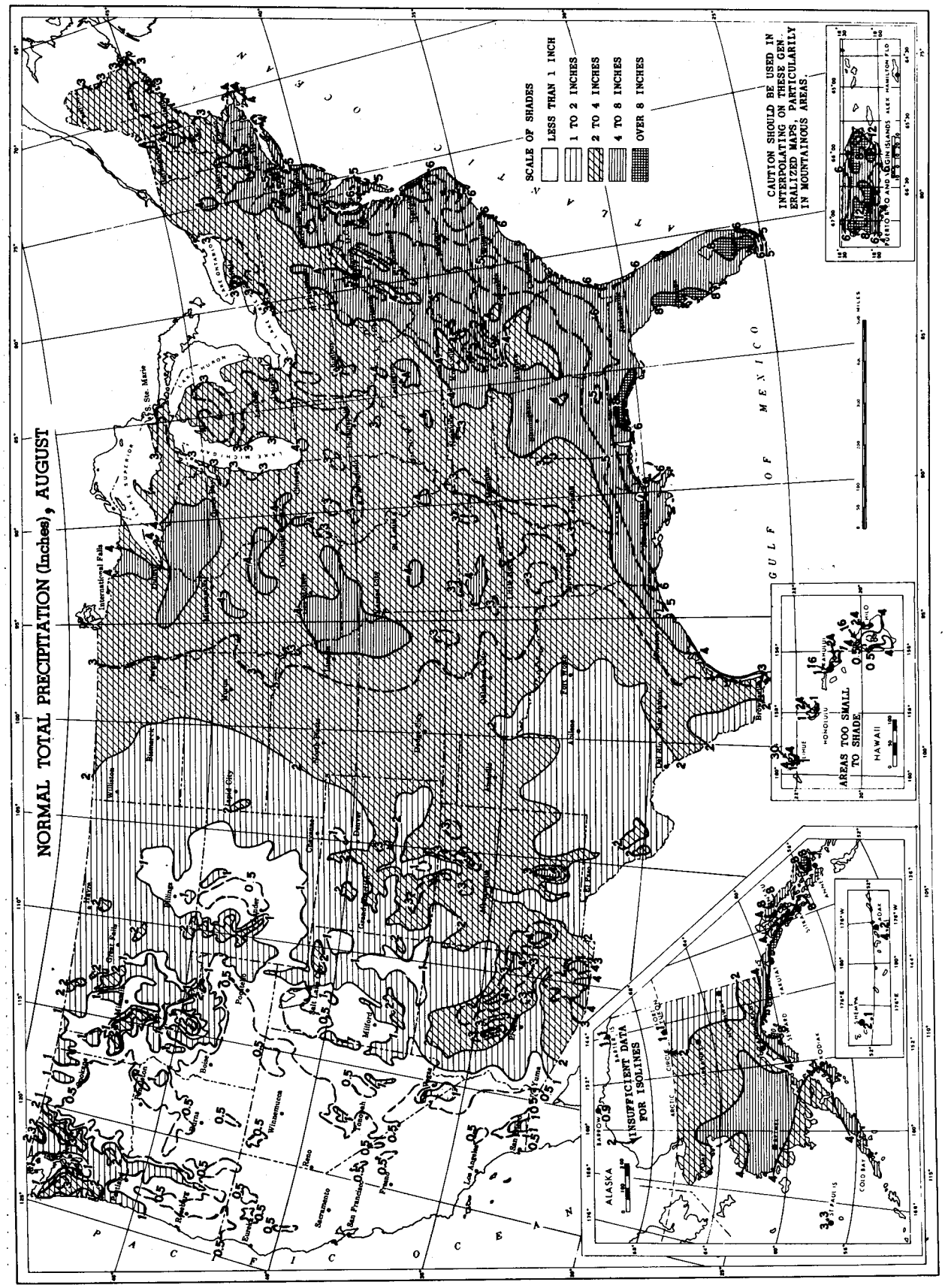
National Water Conditions

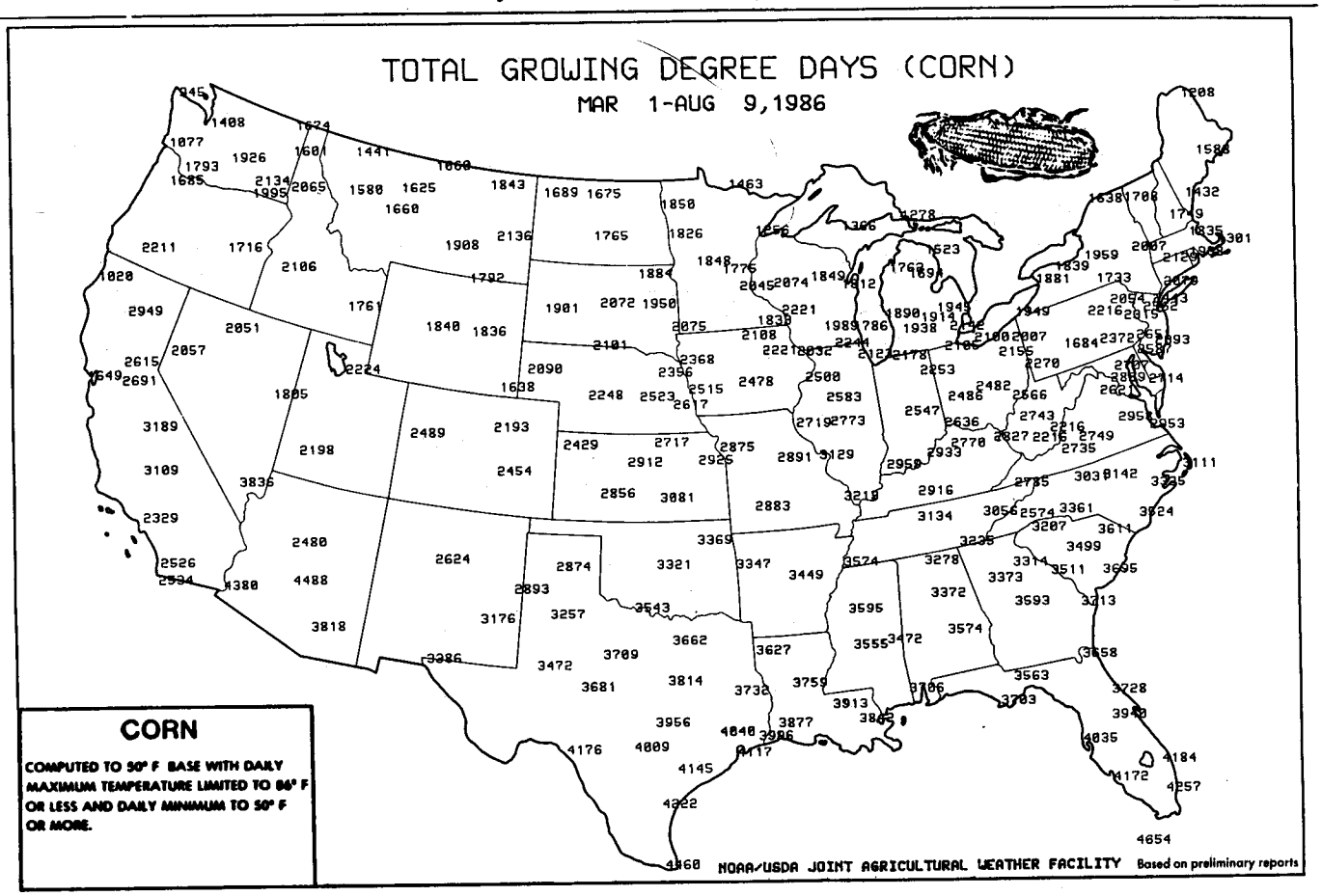
UNITED STATES
Department of the Interior
Geological Survey

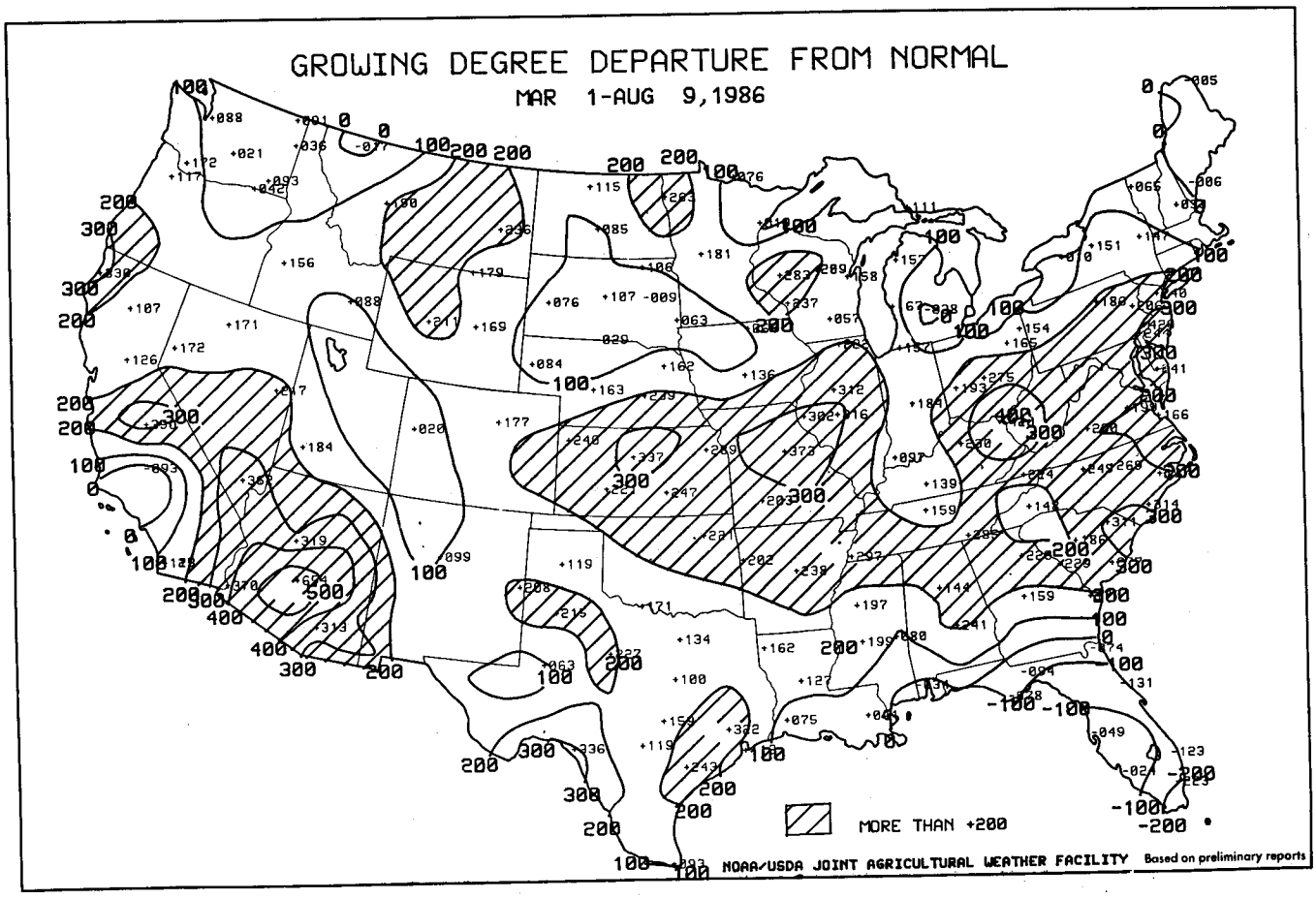
CANADA
Department of the Environment
Water Resources Branch

JULY 1986




NORMAL TOTAL PRECIPITATION (Inches), AUGUST
SCALE OF SHADES
LESS THAN 1 INCH
1 TO 2 INCHES
2 TO 4 INCHES
4 TO 8 INCHES
OVER 8 INCHES
CAUTION SHOULD BE USED IN INTERPOLATING ON THESE GENERALIZED MAPS, PARTICULARLY IN MOUNTAINOUS AREAS.
AREAS TOO SMALL TO SHADE
HAWAII
ALASKA
INSUFFICIENT DATA FOR ISOLINES
GULF OF MEXICO
PACIFIC OCEAN


TOTAL GROWING DEGREE DAYS (CORN)
MAR 1-AUG 9,1986
CORN
COMPUTED TO 50° F BASE WITH DAILY MAXIMUM TEMPERATURE LIMITED TO 86° F OR LESS AND DAILY MINIMUM TO 50° F OR MORE.
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


GROWING DEGREE DEPARTURE FROM NORMAL
MAR 1-AUG 9,1986
MORE THAN +200
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

National Weather Data for Selected Cities

Weather Data for the Week Ending August 9, 1986

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	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 JUNE 1	PCT. NORMAL SINCE JUNE 1	TOTAL, IN., SINCE JAN. 1	PCT. NORMAL SINCE JAN. 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	94	65	96	61	80	-1	1.8	.9	1.0	4.8	47	14.3	39	93	34	7	0	3	2
MOBILE	91	72	93	70	82	0	T	-1.5	T	16.1	108	33.8	81	97	50	5	0	2	0
MONTGOMERY	95	69	96	67	82	0	T	-.7	T	6.3	69	28.0	87	97	39	7	0	1	0
AK ANCHORAGE	61	50	67	47	55	-2	.6	.2	.5	3.1	85	6.5	89	92	57	0	0	6	0
BARROW	49	37	59	32	43	4	T	-.2	T	.9	55	1.3	52	98	70	0	1	3	0
FAIRBANKS	70	48	79	42	59	0	.1	-.4	.1	3.2	86	4.4	75	89	36	0	0	1	0
JUNEAU	62	51	72	44	57	1	1.0	-.1	.4	7.7	92	30.0	118	99	72	0	0	5	0
KODIAK	58	47	62	44	53	-3	2.8	1.7	1.3	18.6	216	44.5	112	98	74	0	0	4	2
NOME	55	47	58	40	51	0	.6	-.1	.3	4.6	107	6.3	85	96	76	0	0	7	0
AZ PHOENIX	108	86	112	83	97	6	.1	-.2	0	1.2	103	4.1	111	46	19	7	0	3	0
PRESCOTT	91	60	94	52	75	3	.3	-.6	.1	3.2	67	6.7	62	68	28	6	0	2	0
TUCSON	102	73	106	69	88	3	1.3	.7	.7	3.1	93	7.0	117	74	23	7	0	4	1
YUMA	110	86	114	85	98	5	T	-.1	T	.4	156	.9	75	54	22	7	0	1	0
AR FORT SMITH	87	67	93	65	77	-5	4.0	3.3	1.7	9.3	122	28.3	114	94	54	3	0	3	3
LITTLE ROCK	87	68	91	65	78	-4	2.0	1.4	1.4	9.3	137	26.3	90	84	63	2	0	4	1
CA BAKERSFIELD	103	70	105	67	86	2	0	0	0	T	0	4.3	110	56	18	7	0	0	0
EUREKA	62	50	65	49	56	-1	T	-.1	T	.2	31	27.4	122	97	82	0	0	0	0
FRESNO	105	68	108	66	87	6	0	0	0	T	0	9.7	137	71	18	7	0	0	0
LOS ANGELES	73	61	75	60	67	-3	0	0	0	.1	180	13.0	155	97	69	0	0	0	0
RED BLUFF	101	65	104	60	83	2	0	0	0	0	0	21.9	168	57	17	7	0	0	0
SACRAMENTO	96	57	102	54	77	1	0	0	0	0	0	16.3	151	88	43	7	0	0	0
SAN DIEGO	75	66	78	66	71	-2	0	0	0	.1	171	7.7	124	87	67	0	0	0	0
SAN FRANCISCO	69	52	74	51	61	-2	T	0	T	T	7	18.6	149	99	61	0	0	0	0
CO DENVER	86	56	92	53	71	-2	.2	-.2	.1	3.0	74	8.2	77	72	21	1	0	3	0
GRAND JUNCTION	92	61	94	57	77	-2	.2	-.1	.2	1.2	107	3.7	80	64	17	6	0	1	0
PUEBLO	91	54	96	50	72	-4	.2	-.3	.2	4.3	119	7.2	99	92	22	4	0	2	0
CT BRIDGEPORT	82	70	86	63	76	2	.5	-.3	.4	8.5	114	18.8	76	96	63	0	0	2	0
HARTFORD	85	64	88	57	74	1	.2	-.7	.2	12.1	161	27.0	105	94	52	0	0	1	0
DC WASHINGTON	86	70	89	68	78	-1	1.3	.3	1.3	8.0	94	17.3	73	92	55	0	0	1	1
FL APALACHICOLA	91	73	92	72	82	0	.2	-1.4	.2	7.8	56	23.9	76	97	63	6	0	1	0
DAYTONA BEACH	91	71	93	68	81	0	1.3	-.1	1.3	18.7	140	30.4	111	99	60	6	0	1	1
JACKSONVILLE	93	71	95	70	82	1	1.6	.1	.8	10.1	72	27.6	85	97	53	7	0	4	1
KEY WEST	90	79	91	71	84	-1	1.4	.5	.8	12.0	122	18.1	93	87	64	4	0	3	1
MIAMI	91	77	92	74	84	1	1.0	-.4	.5	18.2	107	44.5	137	88	55	6	0	4	1
ORLANDO	94	74	96	72	84	1	1.8	.3	1.3	17.2	100	30.2	96	94	49	7	0	5	1
TALLAHASSEE	93	69	96	68	81	0	2.3	.5	1.4	24.2	138	40.7	97	100	52	6	0	3	2
TAMPA	93	75	94	72	84	1	.6	-1.2	.4	11.9	80	23.3	81	95	54	7	0	3	0
WEST PALM BEACH	90	77	92	74	84	1	.5	-.6	.5	20.7	134	35.9	110	90	59	5	0	3	0
GA ATLANTA	92	70	95	67	81	2	1.8	1.0	1.2	8.8	95	19.8	60	91	43	7	0	3	2
AUGUSTA	95	70	97	69	83	2	1.7	.8	1.7	9.6	101	20.6	70	98	45	7	0	1	1
MACON	95	72	97	70	83	1	1.8	.9	.7	4.4	47	15.6	51	96	41	7	0	5	1
SAVANNAH	96	73	99	71	84	3	4.2	2.6	2.0	13.6	90	26.2	79	94	47	7	0	4	3
HI HILO	88	71	89	70	80	4	1.4	-1.0	.8	20.2	113	94.1	123	94	58	0	0	7	1
HONOLULU	90	77	92	75	84	3	T	-.1	T	1.5	126	4.4	32	81	49	5	0	0	0
KAHULUI	88	73	90	71	80	1	T	-.1	T	.3	30	10.3	79	82	55	1	0	0	0
LIHUE	85	76	86	73	80	1	.2	-.2	.2	4.5	107	11.9	48	87	68	0	0	2	0
ID BOISE	96	58	98	55	77	3	T	-.1	T	.5	40	9.9	134	48	15	7	0	0	0
LEWISTON	97	63	101	59	80	5	0	-.1	0	.9	44	6.7	85	40	13	7	0	0	0
POCATELLO	93	54	95	50	73	2	0	-.1	0	.5	27	9.5	136	66	13	7	0	0	0
IL CHICAGO	81	58	86	46	69	-4	.4	-.4	.3	8.2	94	17.6	84	93	51	0	0	2	0
MOLINE	79	60	84	54	69	-5	2.0	1.1	1.1	13.9	134	26.8	110	97	54	0	0	3	2
PEORIA	79	60	83	55	70	-5	.4	-.4	.2	13.9	157	21.2	95	96	55	0	0	2	0
QUINCY	80	61	82	56	70	-6	.6	-.3	.4	12.2	128	22.2	94	96	57	0	0	4	0
ROCKFORD	79	58	84	53	69	-4	.8	0	.3	7.7	76	18.6	80	97	55	0	0	3	0
SPRINGFIELD	81	61	84	55	71	-5	.1	-.7	0	11.7	142	19.1	87	95	50	0	0	3	0
IN EVANSVILLE	85	62	88	55	74	-4	.3	-.4	.2	9.6	113	24.4	89	96	51	0	0	3	0
FORT WAYNE	79	60	82	54	70	-3	.6	-.2	.6	16.8	211	29.5	134	98	56	0	0	1	1
INDIANAPOLIS	81	60	85	55	71	-4	.1	-.8	.1	8.6	92	27.8	109	97	50	0	0	1	0
SOUTH BEND	79	61	83	57	70	-2	.5	-.4	.5	11.6	133	22.8	99	97	52	0	0	1	0
IA DES MOINES	78	60	83	54	69	-7	.9	.1	.6	11.9	140	26.8	134	93	57	0	0	3	1
SIOUX CITY	79	59	85	52	69	-6	.4	-.3	.2	9.0	109	21.9	127	97	57	0	0	3	0
WATERLOO	79	56	84	51	67	-5	.4	-.5	.4	10.6	104	24.1	110	96	55	0	0	1	0
KS CONCORDIA	85	62	90	57	74	-6	2.5	1.7	1.2	13.5	157	23.7	131	95	49	1	0	4	2
DODGE CITY	89	65	93	63	77	-3	1.2	.5	.9	8.0	116	12.1	83	88	38	3	0	5	1
GOODLAND	90	58	97	52	74	-2	.4	-.1	.2	5.5	96	11.4	98	90	28	3	0	4	0
TOPEKA	83	61	88	53	72	-6	4.0	3.2	1.8	10.9	106	24.5	114	98	50	0	0	3	3
WICHITA	87	66	94	64	77	-5	2.2	1.6	.9	11.3	133	18.6	102	89	48	2	0	3	2
KY BOWLING GREEN	86	62	91	57	74	-4	.6	-.2	.4	3.9	40	18.2	57	95	43	2	0	2	0
LEXINGTON	86	63	90	57	75	-1	1.0	0	1.0	7.9	76	18.2	60	93	46	1	0	2	1
LOUISVILLE	85	66	89	61	75	-2	.8	.1	.7	10.2	117	23.0	81	91	47	0	0	2	1
LA ALEXANDRIA	93	72	95	69	82	-1	1.5	.7	.8	10.6	110	22.0	60	72	45	7	0	5	1
BATON ROUGE	92	73	94	71	83	1	1.0	-.3	1.0	10.7	90	30.3	83	94	50	6	0	1	1
LAKE CHARLES	91	74	95	72	82	0	3.1	1.9	1.5	13.1	116	27.5	87	97	59	5	0	4	2
NEW ORLEANS	92	72	94	70	82	0	.1	-1.3	.1	12.9	98	24.2	64	99	52	7	0	1	0

Based on 1951-80 normals.

Weather Data for the Week Ending August 9, 1986

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	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 JUNE 1	PCT. NORMAL SINCE JUNE 1	TOTAL, IN., SINCE JAN. 1	PCT. NORMAL SINCE JAN. 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
SHREVEPORT	94	71	95	68	82	-1	T	-.6	T	17.8	226	32.5	114	96	43	7	0	0	0
ME CARIBOU	74	59	80	52	67	2	1.7	.8	1.0	7.1	84	19.7	95	100	67	0	0	4	2
PORTLAND	80	62	84	57	71	3	.5	-.2	.3	8.0	119	27.4	109	97	60	0	0	5	0
MD BALTIMORE	86	68	89	65	77	0	.5	-.6	.3	7.6	85	17.5	69	97	54	0	0	2	0
SALISBURY	88	66	90	61	77	0	.8	-.5	.7	3.5	37	14.6	54	97	53	1	0	2	1
MA BOSTON	83	67	87	65	75	2	1.3	.5	.5	13.0	198	25.6	100	94	54	0	0	4	1
CHATHAM	76	62	82	62	69	1	2.2	1.4	1.1	15.4	227	27.7	103	95	84	0	0	2	2
MI ALPENA	77	55	83	51	66	0	.9	.2	.8	9.6	134	18.2	105	100	54	0	0	3	1
DETROIT	81	61	83	54	71	-1	1.2	.4	1.1	9.3	125	20.5	105	96	46	0	0	2	1
FLINT	80	58	82	51	69	-1	.4	-.4	.3	8.3	118	16.9	94	97	53	0	0	3	0
GRAND RAPIDS	78	59	81	52	69	-2	1.5	.7	.7	14.0	179	27.2	134	96	53	0	0	4	2
HOUGHTON LAKE	75	60	81	52	68	1	.7	0	.3	9.4	138	21.1	127	93	58	0	0	3	0
LANSING	79	57	82	50	68	-3	1.0	.3	.9	12.7	178	22.3	123	97	52	0	0	2	1
MARQUETTE	75	53	83	47	64	-1	2.0	1.3	1.0	7.6	96	19.0	85	99	54	0	0	5	2
MUSKEGON	77	59	80	52	68	-2	.9	.2	.5	5.9	101	15.2	84	95	57	0	0	2	0
SAULT STE. MARIE	74	55	80	50	64	0	2.3	1.6	1.5	12.5	174	22.2	121	97	59	0	0	2	2
MN ALEXANDRIA	81	59	83	53	70	-1	3.5	2.7	1.4	11.5	144	24.1	153	92	45	0	0	3	3
DULUTH	75	55	83	48	65	0	2.0	1.0	1.0	14.7	161	23.8	130	98	60	0	0	4	2
INT'L FALLS	77	54	81	47	66	0	.4	-.3	.2	6.9	83	12.6	83	99	50	0	0	3	0
MINNEAPOLIS	82	61	86	57	71	-2	.3	-.5	.3	9.8	113	23.0	133	93	46	0	0	4	0
ROCHESTER	78	56	79	52	67	-3	T	-.9	T	11.1	122	21.6	119	98	59	0	0	1	0
MS GREENWOOD	91	69	94	62	80	-2	T	-.7	T	4.7	53	18.8	54	94	41	5	0	0	0
JACKSON	94	68	96	62	81	-1	.4	-.5	.2	9.2	109	26.6	77	96	38	7	0	3	0
MERIDIAN	95	66	97	61	80	-1	.9	.1	.9	5.9	59	23.0	64	97	38	7	0	1	1
MO CAPE GIRARDEAU	87	65	91	56	76	--	1.0	.2	1.0	5.8	70	26.9	94	96	51	2	0	1	1
COLUMBIA	84	62	89	56	73	-4	1.6	1.0	1.1	7.0	86	20.3	88	97	44	0	0	3	1
KANSAS CITY	82	62	85	54	72	-7	2.4	1.6	1.1	13.3	133	22.5	100	94	53	0	0	4	3
SAINT LOUIS	86	65	88	59	76	-3	1.5	.8	1.1	8.5	104	18.1	81	94	45	0	0	4	1
SPRINGFIELD	83	64	88	57	73	-5	.8	.2	.6	6.9	77	17.9	73	95	52	0	0	5	1
MT BILLINGS	86	57	93	55	71	-2	T	-.2	T	3.2	100	11.0	108	63	23	2	0	1	0
GLASGOW	87	57	95	52	72	1	.3	0	.3	3.5	76	7.5	89	68	21	3	0	4	0
GREAT FALLS	84	54	91	51	69	-1	T	-.3	T	3.3	80	9.4	86	67	23	1	0	0	0
HAVRE	85	54	92	48	69	-1	T	-.2	T	2.3	63	8.0	101	71	21	3	0	0	0
HELENA	88	53	93	51	71	2	T	-.2	T	2.9	87	6.8	86	65	18	3	0	1	0
KALISPELL	88	51	92	43	69	4	T	-.2	T	3.5	100	11.2	113	84	21	3	0	1	0
MILES CITY	87	60	94	53	73	-2	.4	.2	.2	4.1	89	9.9	99	66	22	4	0	4	0
MISSOULA	91	51	94	45	71	3	.1	-.1	.1	3.6	122	9.4	109	79	19	4	0	1	0
NE GRAND ISLAND	83	60	86	52	71	-6	1.2	.6	.6	8.3	117	16.4	100	96	51	0	0	5	1
LINCOLN	82	60	87	51	71	-6	1.3	.5	.8	10.1	126	21.8	119	93	50	0	0	4	1
NORFOLK	80	59	86	51	70	-6	1.4	.8	.9	10.9	130	22.5	131	95	51	0	0	5	1
NORTH PLATTE	88	57	94	55	73	-2	.8	.4	.7	5.1	70	13.5	92	97	34	2	0	3	1
OMAHA	78	60	82	53	69	-7	1.8	.9	.7	7.6	86	22.5	115	93	60	0	0	5	1
SCOTTSBLUFF	87	55	93	53	71	-3	.7	.5	.4	10.3	198	17.1	154	93	31	1	0	2	0
VALENTINE	86	56	91	51	71	-4	.6	0	.5	3.5	57	11.6	94	85	38	1	0	2	0
NV ELY	93	49	96	42	71	4	T	-.1	T	.1	7	4.4	75	49	13	7	0	0	0
LAS VEGAS	109	82	111	80	95	5	0	-.1	0	.1	18	1.2	48	31	11	7	0	0	0
RENO	95	53	98	49	74	5	0	-.1	0	1.2	160	8.3	169	62	12	7	0	0	0
WINNEMUCCA	97	53	99	44	75	4	0	-.1	0	.1	12	3.5	70	43	11	7	0	0	0
NH CONCORD	82	59	84	53	70	1	.9	.2	.5	11.1	165	25.1	120	98	55	0	0	4	1
NJ ATLANTIC CITY	85	68	89	61	76	2	.2	-.9	.2	7.6	92	21.9	86	97	54	0	0	1	0
NM ALBUQUERQUE	92	63	94	59	78	0	.1	-.2	.1	4.3	190	7.1	158	68	19	7	0	2	0
CLOVIS	91	65	93	63	78	0	1.2	.6	.6	6.4	102	10.6	98	76	31	6	0	6	1
ROSWELL	93	66	96	64	79	-2	.4	-.1	.2	6.5	225	9.3	194	82	30	6	0	3	0
NY ALBANY	83	61	86	54	72	1	.9	.2	.6	14.1	195	28.6	136	99	56	0	0	4	1
BINGHAMTON	79	62	82	55	70	2	.7	-.1	.4	13.6	169	28.9	131	93	53	0	0	4	0
BUFFALO	78	63	85	58	71	1	1.1	.2	1.0	8.6	126	23.2	109	93	53	0	0	2	1
NEW YORK	85	72	89	69	78	2	.2	-.8	.2	6.8	84	21.0	82	89	52	0	0	1	0
ROCHESTER	78	61	83	56	70	-2	1.1	.4	.5	8.9	145	20.3	110	97	58	0	0	3	2
SYRACUSE	80	60	84	54	70	-1	1.0	.1	.7	11.4	134	24.9	106	98	55	0	0	3	1
NC ASHEVILLE	84	64	88	62	74	1	2.0	.9	.6	3.7	37	13.6	45	99	51	0	0	6	2
CHARLOTTE	89	70	91	68	79	0	1.7	.9	1.0	4.4	51	12.2	44	92	52	4	0	6	1
GREENSBORO	86	68	90	67	77	0	1.6	.6	1.3	5.9	62	11.9	44	100	59	1	0	4	1
HATTERAS	84	73	87	70	79	-1	7.4	6.1	6.7	14.1	125	27.6	88	99	76	0	0	2	2
NEW BERN	88	72	94	68	80	1	1.7	.2	1.6	10.3	76	23.9	73	98	63	3	0	2	1
RALEIGH	88	70	92	68	79	1	T	-1.0	T	7.4	79	18.0	68	95	54	2	0	2	0
WILMINGTON	89	73	95	70	81	1	1.4	-.2	1.2	20.1	133	36.3	109	97	64	4	0	3	1
ND BISMARCK	82	54	88	49	68	-3	.1	-.3	.1	8.3	149	15.9	145	93	37	0	0	2	0
FARGO	83	57	87	51	70	-1	.8	.2	.7	9.7	133	17.2	130	96	47	0	0	4	1
GRAND FORKS	84	55	90	46	70	1	.8	.1	.3	5.5	84	10.6	89	94	38	1	0	4	0
WILLISTON	84	53	92	49	68	-2	T	-.3	T	7.9	161	15.6	161	85	29	2	0	1	0
OH AKRON-CANTON	82	60	87	55	71	0	.3	-.5	.2	7.1	85	17.6	76	94	43	0	0	2	0
CINCINNATI	87	62	91	54	74	-1	T	-.7	T	4.8	52	16.9	64	94	39	1	0	1	0
CLEVELAND	82	61	89	55	71	-1	.1	-.4	.3	6.5	83	22.5	102	96	45	0	0	2	0
COLUMBUS	85	61	89	55	73	0	T	-.9	T	9.1	100	20.1	82	90	39	0	0	1	0

Based on 1951-80 normals.

Weather Data for the Week Ending August 9, 1986

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	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 JUNE 1	PCT. NORMAL SINCE JUNE 1	TOTAL, IN., SINCE JAN. 1	PCT. NORMAL SINCE JAN. 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	83	61	86	54	72	-2	T	-.7	T	11.3	139	25.6	111	91	44	0	0	0	0
TOLEDO	81	59	83	52	70	-2	.9	.2	.8	9.7	126	20.7	103	98	50	0	0	2	1
YOUNGSTOWN	81	58	86	54	69	-1	.5	-.3	.5	19.5	227	29.7	126	98	49	0	0	2	0
OK OKLAHOMA CITY	93	71	97	66	82	-1	1.7	1.2	1.1	5.3	69	20.3	100	81	37	6	0	3	2
TULSA	88	69	95	66	79	-5	3.0	2.4	1.8	8.6	97	24.2	99	93	53	3	0	4	2
OR ASTORIA	66	53	78	49	59	-2	T	-.3	T	2.6	69	35.6	95	98	75	0	0	0	0
BURNS	92	69	97	52	81	11	0	-.2	0	.7	49	7.5	192	—	—	7	0	0	0
MEDFORD	100	61	105	56	80	8	T	-.1	T	.5	45	10.2	95	74	19	7	0	0	0
PENDLETON	94	62	101	57	78	4	0	-.1	0	.5	47	7.5	106	41	15	6	0	0	0
PORTLAND	91	59	97	55	75	7	0	-.2	0	1.5	67	18.1	89	86	31	4	0	0	0
SALEM	92	52	97	47	72	5	0	-.1	0	1.7	101	22.5	102	90	27	5	0	0	0
PA ALLENTOWN	83	64	85	61	74	0	T	-.9	T	8.6	98	25.4	95	91	50	0	0	1	0
ERIE	79	63	84	60	71	2	.4	-.4	.3	10.6	132	25.8	116	91	54	0	0	3	0
HARRISBURG	84	66	85	62	75	-1	3.1	2.4	2.6	10.4	132	26.7	112	99	58	0	0	3	1
PHILADELPHIA	87	70	90	67	79	2	T	-.9	T	6.4	72	20.4	80	90	47	1	0	0	0
PITTSBURGH	82	61	85	56	72	0	1.9	1.1	1.4	12.8	157	23.6	99	86	45	0	0	3	1
SCRANTON	81	62	82	58	72	0	.3	-.5	.2	14.7	188	29.3	140	96	56	0	0	2	0
RI PROVIDENCE	81	66	87	63	74	1	1.2	.4	.7	10.4	151	26.7	101	97	60	0	0	3	2
SC CHARLESTON	93	73	95	71	83	2	2.0	.4	1.7	10.9	69	21.5	63	98	52	7	0	3	1
COLUMBIA	95	70	99	67	83	2	.3	-1.0	.2	2.5	21	9.7	30	94	42	6	0	2	0
FLORENCE	92	72	95	69	82	1	2.0	.9	1.8	8.5	72	16.4	56	96	51	6	0	3	1
GREENVILLE	90	68	92	67	79	1	1.7	.9	.7	4.5	47	17.2	52	99	53	4	0	4	1
SD ABERDEEN	85	55	88	47	70	-3	.3	-.2	.2	7.2	115	20.4	158	95	34	0	0	2	0
HURON	83	56	87	51	69	-5	.3	-.2	.3	9.3	150	19.9	150	98	46	0	0	2	0
RAPID CITY	84	55	87	52	70	-4	T	-.3	T	5.5	93	14.0	112	79	32	0	0	1	0
SIOUX FALLS	81	56	85	50	68	-6	.1	-.6	.1	6.9	96	16.8	106	95	47	0	0	1	0
TN CHATTANOOGA	93	66	96	63	80	1	.3	-.5	.3	4.6	52	15.1	45	95	36	7	0	1	0
KNOXVILLE	92	66	97	63	79	1	1.0	.3	1.0	3.6	39	14.9	48	92	37	6	0	1	1
MEMPHIS	89	69	92	65	79	-3	1.4	.6	1.4	6.9	80	20.3	60	85	47	5	0	1	1
NASHVILLE	90	65	94	60	77	-2	.8	0	.6	3.9	46	13.8	44	90	38	4	0	3	1
TX ABILENE	94	73	97	68	83	-1	T	-.5	T	8.4	160	15.4	111	79	37	7	0	0	0
AMARILLO	88	63	93	60	76	-3	2.1	1.4	.9	10.5	148	15.6	122	90	41	3	0	4	2
AUSTIN	97	74	100	73	86	1	.3	-.1	.2	2.9	54	13.8	74	94	38	7	0	3	0
BEAUMONT	92	74	96	73	83	0	1.3	.1	.7	14.7	136	32.2	107	95	56	4	0	4	1
BROWNSVILLE	94	76	98	75	85	1	2.0	1.5	2.0	6.1	128	11.1	94	94	50	6	0	2	1
CORPUS CHRISTI	93	74	96	71	84	-2	3.7	3.2	2.4	7.1	117	15.8	105	97	52	6	0	3	2
DEL RIO	97	76	98	74	86	0	0	-.3	0	4.3	113	12.4	128	63	29	7	0	0	0
EL PASO	96	71	99	69	83	2	.1	-.2	0	5.9	235	7.6	185	66	24	7	0	2	0
FORT WORTH	94	74	97	69	84	-3	1.4	1.1	1.4	5.8	115	20.2	107	85	43	6	0	1	1
GALVESTON	91	79	96	78	85	1	.1	-.7	.1	5.1	61	13.0	60	81	53	5	0	2	0
HOUSTON	93	74	98	73	83	0	1.0	.3	.6	8.0	96	19.8	75	91	52	4	0	4	1
LUBBOCK	92	67	96	63	80	1	1.3	.8	.6	7.6	131	11.5	102	91	37	5	0	4	1
MIDLAND	94	68	96	65	81	-1	.6	.3	.6	5.4	150	9.6	120	92	33	7	0	1	1
SAN ANGELO	96	71	98	65	84	-1	.1	-.2	.1	4.1	117	12.9	129	82	29	7	0	1	0
SAN ANTONIO	97	76	99	72	86	1	.1	-.4	.1	12.1	217	22.6	135	86	35	7	0	1	0
VICTORIA	95	75	100	73	85	0	1.4	.8	.9	9.6	124	19.5	96	93	42	7	0	3	1
WACO	97	75	100	71	86	-1	T	-.4	T	4.3	90	19.0	99	87	36	7	0	0	0
WICHITA FALLS	95	72	100	65	84	-2	.6	.2	.3	9.0	167	18.0	109	90	39	6	0	5	0
UT BLANDING	—	95	-999	95	—	—	0	-.4	0	2.8	151	7.3	118	—	—	0	0	0	0
CEDAR CITY	92	60	95	56	76	3	.1	-.2	.1	.8	40	4.8	77	61	18	6	0	3	0
SALT LAKE CITY	94	67	97	61	81	3	.1	-.2	0	1.3	69	13.7	137	56	20	7	0	2	0
VT BURLINGTON	79	61	82	55	70	1	2.7	1.9	1.8	12.3	151	25.9	131	98	62	0	0	5	2
VA NORFOLK	88	72	92	69	80	1	.1	-1.2	.1	4.2	41	14.8	53	91	53	3	0	1	0
RICHMOND	87	69	91	66	78	0	.4	-.8	.3	9.5	93	20.3	76	95	51	2	0	2	0
ROANOKE	88	65	90	61	77	1	.7	-.3	.4	4.1	52	15.1	62	94	45	1	0	2	0
WA COLVILLE	95	57	98	53	76	8	0	-.2	0	2.7	107	14.7	146	52	19	7	0	0	0
QUILLAYUTE	72	52	85	48	62	2	.1	-.5	0	5.3	87	65.0	115	98	64	0	0	3	0
SEATTLE-TACOMA	85	57	91	51	71	6	0	-.2	0	1.8	74	20.5	101	82	32	2	0	0	0
SPOKANE	92	57	96	50	74	4	0	-.1	0	.9	47	10.0	102	52	15	5	0	0	0
YAKIMA	95	58	99	52	77	6	0	-.1	0	.3	40	5.2	113	66	18	7	0	0	0
WV BECKLEY	80	61	83	54	71	1	.4	-.5	.3	8.8	93	21.8	79	100	55	0	0	2	0
CHARLESTON	87	64	91	58	76	1	1.1	0	1.1	11.1	110	25.6	92	97	45	3	0	3	1
HUNTINGTON	88	65	92	60	76	1	.5	-.5	.4	9.5	103	20.5	76	93	40	3	0	3	0
PARKERSBURG	85	63	91	57	74	0	.7	-.2	.6	10.2	100	20.9	73	98	46	1	0	2	1
WI GREEN BAY	78	57	81	54	68	-2	.8	.1	.4	10.1	139	17.5	101	95	53	0	0	4	0
LA CROSSE	81	59	83	55	70	-3	.6	-.2	.6	9.5	105	17.6	90	96	50	0	0	2	1
MADISON	77	57	83	53	67	-3	1.4	.5	1.1	8.9	102	18.4	94	98	58	0	0	4	1
MILWAUKEE	78	62	83	58	70	-1	6.8	6.1	6.8	17.5	218	28.6	146	91	56	0	0	2	1
WAUSAU	78	59	83	54	68	-1	T	-.9	T	7.9	88	15.0	77	94	50	0	0	0	0
WY CASPER	86	53	90	48	69	-2	T	-.1	T	5.3	211	10.2	124	70	21	1	0	1	0
CHEYENNE	81	52	88	50	67	-2	1.1	.7	.8	4.5	105	8.9	92	80	26	0	0	4	1
LANDER	83	54	88	52	69	-2	.1	0	.1	1.3	55	7.0	74	62	24	0	0	2	0
SHERIDAN	84	53	93	50	69	-2	T	-.2	T	3.8	114	9.4	91	70	24	1	0	0	0
PR SAN JUAN	89	76	89	74	82	0	.5	-.8	.4	3.2	29	29.8	108	92	61	0	0	4	0

Based on 1951-80 normals.

July Weather Summary

HIGHLIGHTS: Dry weather persisted in the southwestern States and across the South to southern Texas and through Oklahoma. Most of the drought area in the Southeast had between 50 and 75 percent of normal rain, but some parts had little or none. Exacerbating the drought, a heat wave lasted most of the month from the central Plains across Arkansas to the Southeast from Georgia to North Carolina. Above-normal rain fell through the Corn Belt, the northern Plains, and the Northeast. Monsoon type showers produced above- normal amounts of rain from Arizona and New Mexico northward into the Rockies.

FIRST WEEK...In the first five days of the month, beneficial showers fell in much of the previously dry areas of the East, but some parts remained dry. Torrential rain caused local flooding in northern Texas, northeastern Kansas through eastern Nebraska, and in central Iowa. Moderate to heavy showers fell in the Appalachians and New England. Temperatures were cooler than normal in the Northeast and Northwest, but much warmer than normal in the central Great Plains and Rockies.

SECOND WEEK...A heat wave produced record-high temperatures from Georgia to New Jersey. Temperatures near the century mark were as much as eight degrees above-normal. Showers and thunderstorms were widespread from the northern and central Plains to the Appalachians. Most of the South and East Coast States had little or no rain. Heavy rain fell from eastern Kansas to northern Illinois.

THIRD WEEK...A heat wave continued to exacerbate the long standing drought in the Southeast. Beneficial showers fell in the northern part of the dry area and in isolated parts of the rest of the Southeast, but most of the area remained dry. Unusually warm weather reached over the Great Plains and spread through the Midwest before cooler air moved in at the end of the week. Thunderstorms brought moderate to heavy showers from the northern Plains to the upper Ohio Valley, through the lower Missouri Valley, from the lower Mississippi Valley through the Ohio Valley, and from the Mid-Atlantic States through the Northeast. It was hot and dry in the southern Plains.

FOURTH WEEK...Thunderstorms produced widespread showers across the South and the East Coast States. Above-normal rain accumulated in much of the extreme drought area, but some parts, especially in central Georgia, had less than 1 inch. Heavy showers fell in central Texas and from the Texas Panhandle to the central Rockies. Heavy showers also fell in Kansas, Nebraska, and from the eastern Dakotas to the Great Lakes. Monsoon type showers continued in the Southwest and a low pressure system off southern California brought isolated showers to most of the State.

In the last five days of the month afternoon temperatures were above 100 degrees in the central and southern Plains and across the South to Georgia. Heavy rain fell from thunderstorms in the upper Mississippi Valley and from the eastern Dakotas to the western Great Lakes. Isolated thunderstorms caused some heavy rain in the Southeast. Dry weather covered the west and from Texas through Louisiana.

JULY CROP DEVELOPMENT

Inadequate moisture and above-normal temperatures plagued the Southeast during July. Crop condition declined steadily during the month, especially when temperatures approached or exceeded century mark. The situation was completely reversed in the Corn Belt and central and northern Plains as adequate moisture pushed crop development ahead of schedule during most of July. Near the end of July the dryness began spreading, reaching into the Delta and central Great Plains and in a few Corn Belt States.

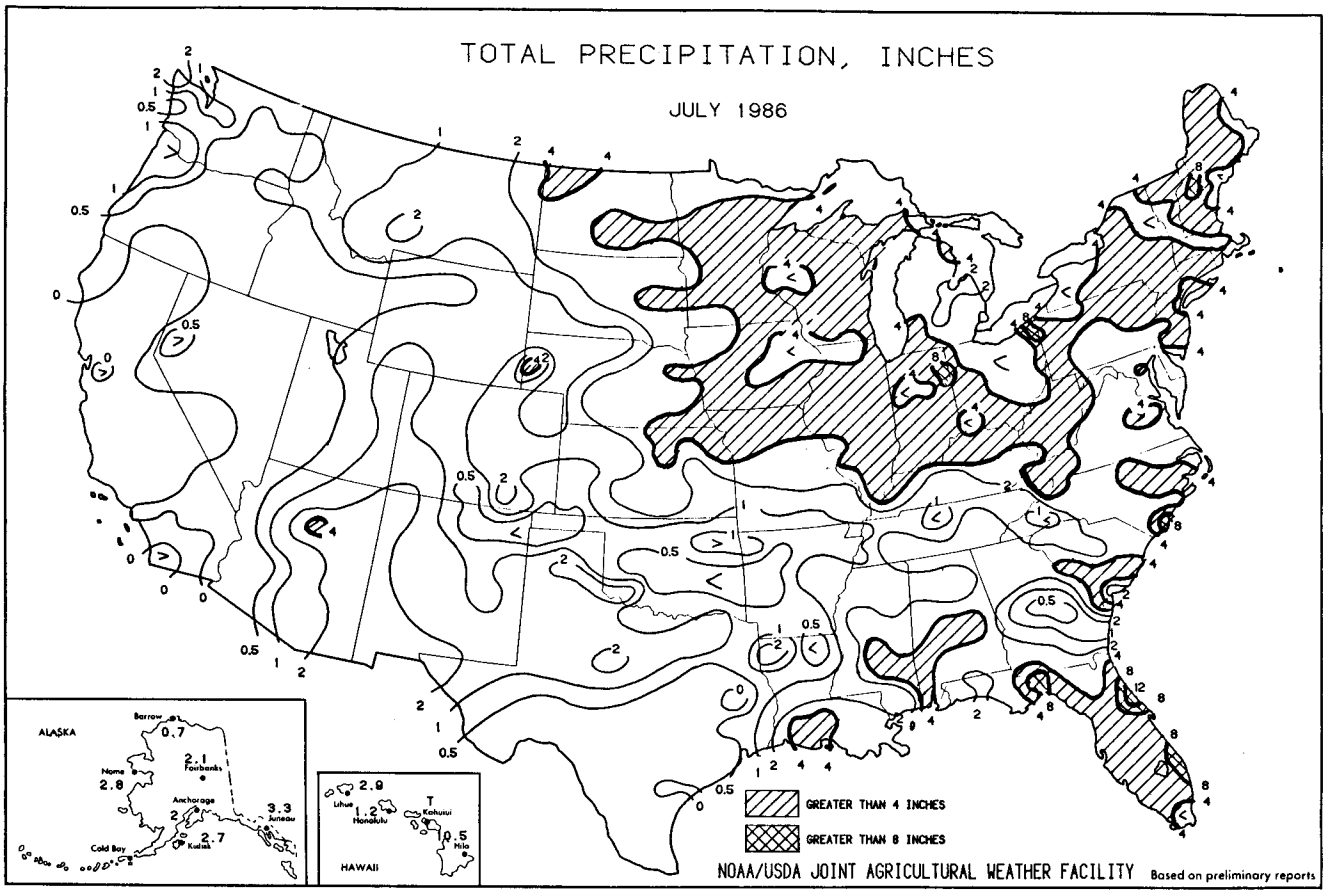
Corn condition varied across the Nation as the month ended. Condition was mostly good to excellent in the Corn Belt and central and northern Great Plains. Adequate moisture pushed development ahead of normal. In the Southeast, corn was mostly poor. On August 3, 92 percent of the corn acreage was silking compared with 89 percent in 1985 and 80 percent normally. Thirty-three percent of the acreage reached the dough stage, 13 points ahead of average. Hot, dry weather forced early maturity across the Southeast. As the month ended, harvest was underway in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, and Texas.

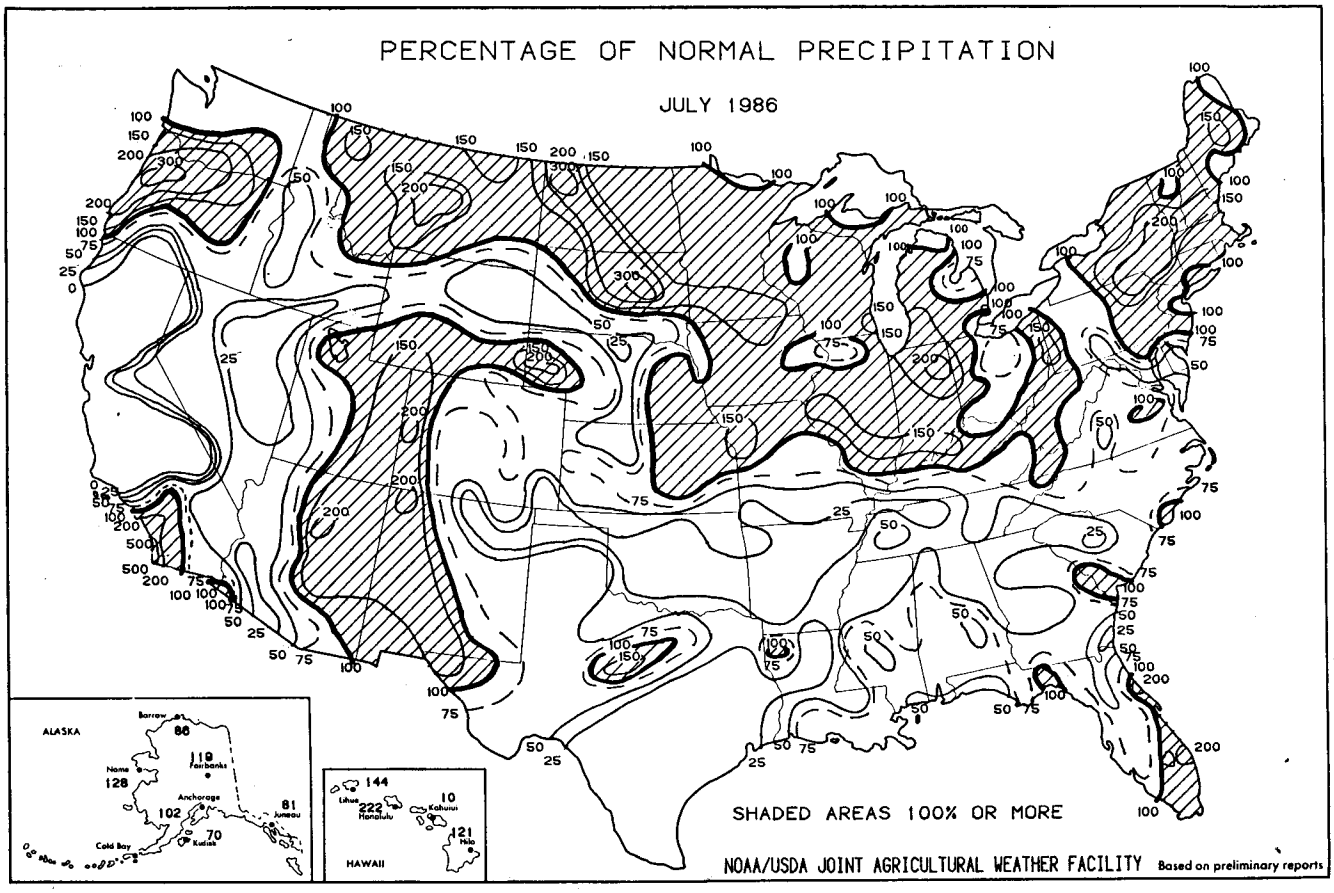
Soybeans were mostly good to excellent in the Corn Belt and northern and central Plains during July. Inadequate moisture and high temperatures caused crop condition to decline in the Delta and in the Southeast. In the Delta, soybeans went from fair to good at the beginning of July to fair to poor at the end of the month. The mostly fair condition in the Southeast declined to mostly poor to fair. In the 19 major producing States, 78 percent of the acreage was blooming and 44 percent was setting pods. At this time last year, blooms and pods were present on 79 and 43 percent of the acreage, respectively. Normally, 70 percent would be blooming and 33 percent would be setting pods.

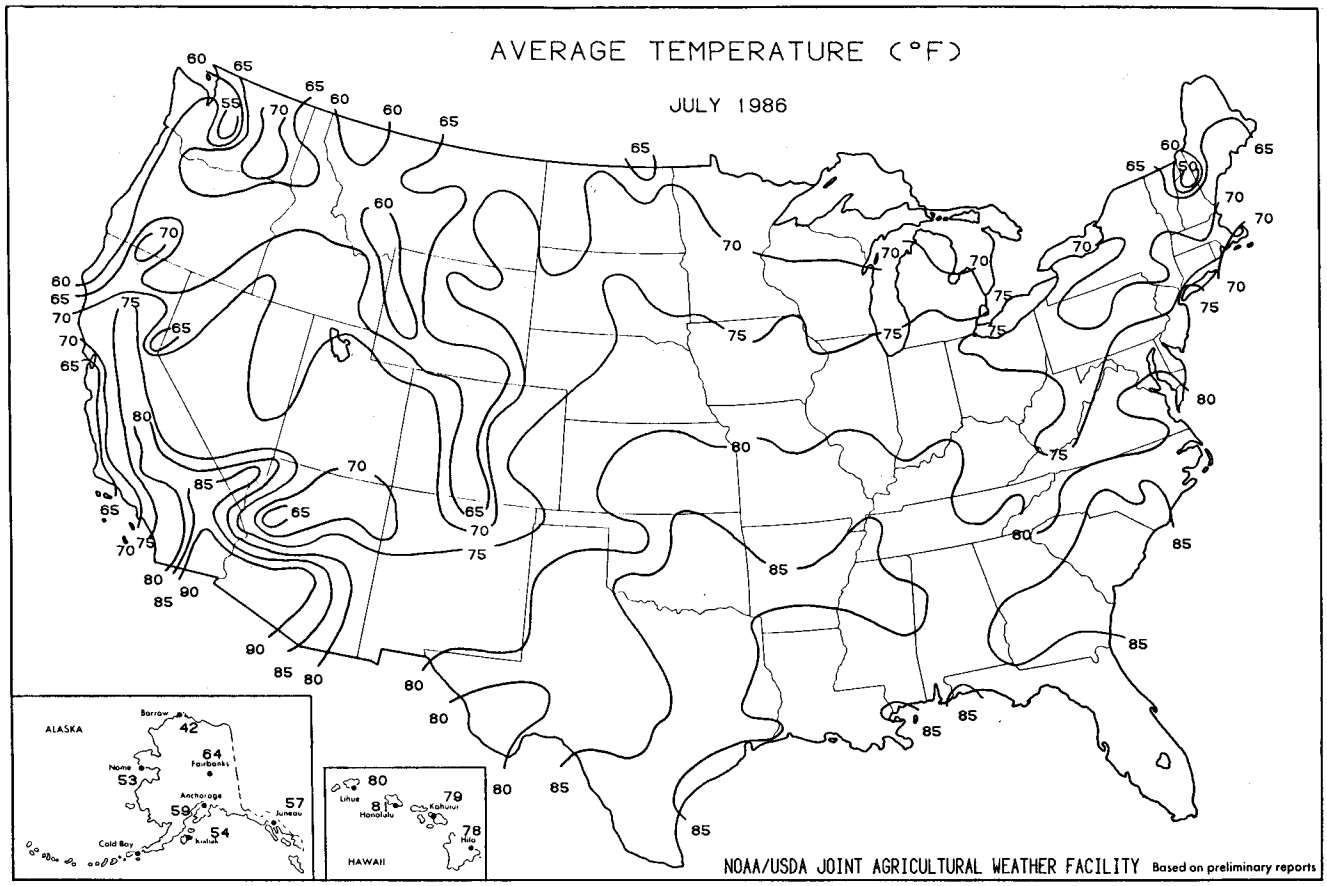
Sorghum was 62 percent headed compared with 48 percent last year and 45 percent average. Heading was 10 points behind normal in South Dakota and 2 points behind in Texas. Harvest was 44 percent finished in Texas.

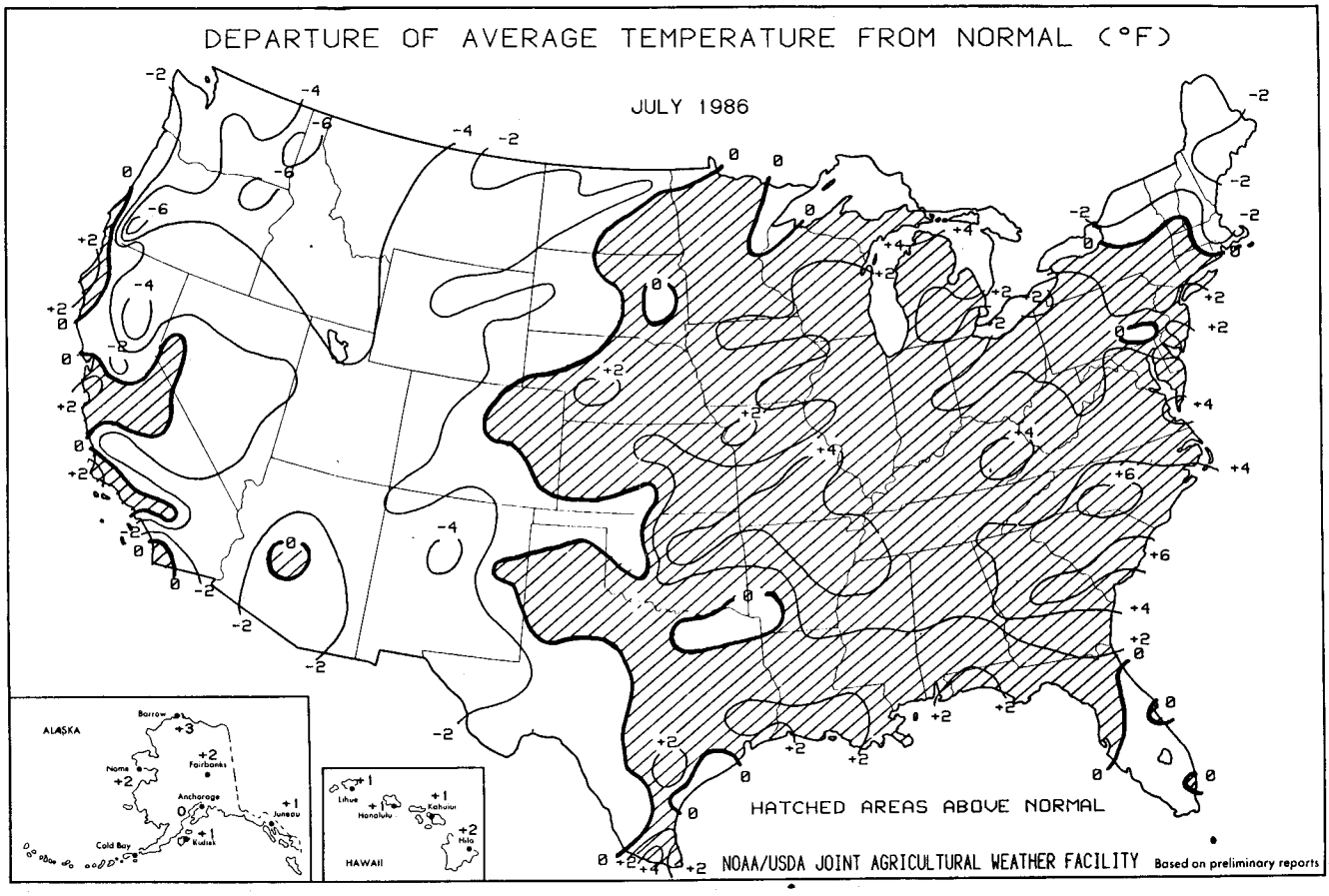
Cotton was good to fair during July. However, the condition varied greatly by regions. Condition ranged from fair in the Southeast to mostly good in the Southwest. Inadequate moisture plagued cotton in the Southeast the entire month and was becoming a problem near the end of the month in the Delta. On August 3rd, squares were present on 93 percent of the acreage, just slightly behind normal. Two-thirds of the acres planted were setting bolls compared with 74 percent in 1985 and 66 percent normally. Bolls were opening in Arizona, Georgia, and Texas. Harvest was 4 percent finished in Texas.

The 20 major wheat producing States had combined 91 percent of their crop, equaling last year but 2 points ahead of normal. Harvest was complete or neared completion in all States except Idaho, Montana, Oregon, and Washington. Spring wheat was 7 percent harvested, 7 points below last year and 6 points below average. In South Dakota, 26 percent of the acreage was combined compared with 43 percent both last year and average. Harvest was underway in all States.


TOTAL PRECIPITATION, INCHES
JULY 1986
GREATER THAN 4 INCHES
GREATER THAN 8 INCHES
ALASKA
Barrow 0.7
Nome 2.8
Fairbanks 2.1
Anchorage 2
Juneau 3.3
Cold Bay
Kodiak 2.7
HAWAII
Lihue 2.9
Honolulu 1.2
Kahului T
Hilo 0.5
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


PERCENTAGE OF NORMAL PRECIPITATION
JULY 1986
SHADED AREAS 100% OR MORE
ALASKA
Barrow 86
Nome 128
Fairbanks 119
Anchorage 102
Juneau 81
Cold Bay
Kodiak 70
HAWAII
Lihue 144
Honolulu 222
Kahului 10
Hilo 121
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


AVERAGE TEMPERATURE (°F)
JULY 1986
ALASKA
HAWAII
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


DEPARTURE OF AVERAGE TEMPERATURE FROM NORMAL (°F)
JULY 1986
ALASKA
HAWAII
HATCHED AREAS ABOVE NORMAL
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

Temperature and Precipitation Data for JULY 1986

States and Stations	Temperature °F Average	Temperature °F Departure	Precipitation Inches Total	Precipitation Inches Departure
AL BIRMINGHAM	82	2	1.4	-4.0
MOBILE	83	1	7.1	-0.6
MONTGOMERY	84	2	5.0	0.2
AK ANCHORAGE	59	0	2.0	0.0
BARROW	42	3	0.7	-0.1
FAIRBANKS	64	2	2.1	0.3
JUNEAU	57	1	3.3	-0.8
KODIAK	54	1	2.7	-1.2
NOME	53	2	2.8	0.6
AZ PHOENIX	92	0	1.2	0.4
PRESCOTT	73	0	1.9	-1.3
TUCSON	85	-1	1.8	-0.6
YUMA	92	-1	0.3	0.1
AR FORT SMITH	85	3	0.2	-3.0
LITTLE ROCK	86	5	1.2	-1.8
CA BAKERSFIELD	81	-4	0.0	0.0
EUREKA	57	1	T	-0.1
FRESNO	82	1	0.0	0.0
LOS ANGELES	69	-1	0.1	0.1
RED BLUFF	78	-4	0.0	-0.1
SACRAMENTO	75	-1	0.0	-0.1
SAN DIEGO	70	-1	0.1	0.1
SAN FRANCISCO	62	0	T	0.0
CO DENVER	74	0	1.7	-0.2
GRAND JUNCTION	76	-3	0.9	0.5
CT BRIDGEPORT	73	-1	5.1	1.7
HARTFORD	72	-1	4.4	1.3
DC WASHINGTON	81	2	3.8	-0.1
FL APALACHICOLA	83	1	4.0	-3.1
DAYTONA BEACH	81	0	14.1	8.7
JACKSONVILLE	84	2	3.3	-3.3
KEY WEST	85	1	4.5	0.8
MIAMI	83	1	7.8	1.8
ORLANDO	82	0	5.9	-2.0
TALLAHASSEE	82	1	11.8	3.0
TAMPA	83	1	6.2	-1.1
WEST PALM BEACH	82	0	10.2	4.1
GA ATLANTA	84	5	3.3	-1.5
AUGUSTA	86	5	6.3	1.9
MACON	87	5	0.4	-4.1
SAVANNAH	86	5	5.9	-1.5
HI HILO	78	2	10.5	1.9
HONOLULU	81	1	1.2	0.7
KAHULUI	79	1	T	-0.4
LIHUE	80	1	2.9	0.9
ID BOISE	70	-5	0.2	-0.1
LEWISTON	69	-5	0.4	-0.1
POCATELLO	67	-4	0.1	-0.4
IL CHICAGO	75	2	4.3	0.7
MOLINE	78	3	6.5	1.6
PEORIA	77	2	7.0	3.0
QUINCY	78	1	6.5	2.2
ROCKFORD	75	2	3.1	-1.4
SPRINGFIELD	79	2	5.4	1.9
IN EVANSVILLE	80	2	5.5	1.5
FORT WAYNE	75	2	10.9	7.5
INDIANAPOLIS	77	2	4.9	0.6
SOUTH BEND	75	2	6.1	2.5
IA DES MOINES	77	1	3.9	0.7
SIOUX CITY	77	1	3.3	-0.1
WATERLOO	75	2	3.2	-1.5
KS CONCORDIA	80	1	4.7	1.3
DODGE CITY	81	1	2.1	-1.0
GOODLAND	77	1	1.4	-1.0
TOPEKA	80	2	4.2	0.2
WICHITA	83	2	3.4	-0.2
KY BOWLING GREEN	81	2	1.1	-3.1
LEXINGTON	79	3	5.7	0.7
LOUISVILLE	80	3	7.0	2.9
LA ALEXANDRIA	84	1	1.1	-3.6
BATON ROUGE	84	2	3.3	-3.8
LAKE CHARLES	84	2	4.1	-1.4
NEW ORLEANS	83	1	3.5	-3.2
SHREVEPORT	84	1	2.9	-0.7
ME CARIBOU	63	-2	3.7	-0.4
PORTLAND	66	-2	3.4	0.6
MD BALTIMORE	79	2	4.1	0.2
SALISBURY	79	3	1.4	-3.0
MA BOSTON	71	-3	4.0	1.3
MI ALPENA	68	2	5.3	2.2
DETROIT	75	3	2.5	-0.6
FLINT	72	2	3.1	0.3
GRAND RAPIDS	72	1	5.4	2.4
HOUGHTON LAKE	70	3	3.1	0.2
LANSING	72	1	1.4	-1.4
MARQUETTE	66	1	3.1	-0.2
MUSKEGON	73	3	3.2	0.7
SAULT STE. MARI	65	2	4.8	1.8
MN ALEXANDRIA	72	2	4.2	1.2
DULUTH	65	-1	4.6	0.6
INT'L FALLS	67	1	2.6	-1.3
MINNEAPOLIS	74	1	4.1	0.6
ROCHESTER	71	1	6.0	2.2
MS GREENWOOD	85	3	2.1	-2.4
JACKSON	83	1	4.8	0.4
MERIDIAN	83	2	3.7	-1.7
MO CAPE GIRARDEAU	83	—	2.3	-1.4
COLUMBIA	80	2	3.4	-0.2
KANSAS CITY	80	1	8.4	4.0
SAINT LOUIS	83	4	2.6	-1.0
SPRINGFIELD	82	4	1.3	-2.3
MT BILLINGS	69	-3	1.0	0.2
GLASGOW	69	-1	1.6	-0.1
GREAT FALLS	65	-4	1.7	0.6
HAVRE	66	-3	1.3	0.1
HELENA	64	-4	1.4	0.3
KALISPELL	60	-5	1.4	0.5
MILES CITY	73	-1	1.6	0.1
MISSOULA	62	-5	0.8	0.0
NE GRAND ISLAND	78	1	3.8	1.1
LINCOLN	79	1	3.8	0.6
NORFOLK	77	1	4.0	0.8
NORTH PLATTE	76	1	2.6	-0.4
OMAHA	77	2	2.7	-0.9
SCOTTSBLUFF	73	-2	4.0	2.0
VALENTINE	74	0	0.4	-2.0
NV ELY	66	-1	0.1	-0.6
LAS VEGAS	88	-3	0.1	-0.3
RENO	70	0	0.9	0.6
WINNEMUCCA	70	-2	T	-0.2
NH CONCORD	67	-2	4.8	1.8
NJ ATLANTIC CITY	76	1	4.5	0.5
NM ALBUQUERQUE	75	-4	1.5	0.2
CLOVIS	80	2	1.5	-1.3
ROSWELL	79	-2	1.0	-0.4
NY ALBANY	71	0	6.7	3.7
BINGHAMTON	68	-1	7.4	3.9
BUFFALO	71	0	2.8	-0.1
NEW YORK	76	0	3.8	0.2
ROCHESTER	70	-2	3.1	0.7
SYRACUSE	71	0	5.2	1.5
NC ASHEVILLE	76	3	0.5	-4.0
CHARLOTTE	85	6	2.3	-1.7
GREENSBORO	81	4	3.2	-1.1
HATTERAS	81	3	3.1	-2.2
NEW BERN	83	4	4.2	-2.6
RALEIGH	82	4	4.2	-0.1
WILMINGTON	84	4	10.7	3.3
ND BISMARCK	70	0	4.3	2.2
FARGO	71	1	4.9	1.5
GRAND FORKS	71	2	3.6	0.8
WILLISTON	67	-3	5.7	3.9
OH AKRON-CANTON	73	1	3.7	-0.3
CINCINNATI	78	2	3.3	-1.0
CLEVELAND	73	1	3.1	-0.3
COLUMBUS	76	2	3.6	-0.4
DAYTON	75	1	4.6	1.3
TOLEDO	74	2	3.4	0.1
YOUNGSTOWN	71	1	8.4	4.3
OK OKLAHOMA CITY	86	4	0.4	-2.7
TULSA	87	3	1.2	-2.4
OR ASTORIA	59	-1	1.7	0.7
MEDFORD	71	-2	0.0	-0.3
PENDLETON	68	-6	0.5	0.2
PORTLAND	65	-2	1.2	0.8
SALEM	64	-3	1.2	0.9
PA ALLENTOWN	74	0	4.5	0.3
ERIE	72	3	2.5	-0.8
PHILADELPHIA	78	2	4.1	0.2
PITTSBURGH	73	1	5.7	1.9
SCRANTON	71	-1	7.3	3.9
RI PROVIDENCE	71	-2	6.0	2.9
SC CHARLESTON	86	5	5.1	-2.3
COLUMBIA	86	5	1.3	-4.1
FLORENCE	85	4	3.4	-2.3
GREENVILLE	83	5	1.6	-2.5
SD HURON	74	0	6.4	4.2
RAPID CITY	71	-2	0.9	-1.2
SIOUX FALLS	75	1	2.6	-0.1
TN CHATTANOOGA	83	4	2.6	-1.9
KNOXVILLE	81	4	1.9	-2.4
MEMPHIS	87	4	1.3	-2.8
NASHVILLE	82	3	0.8	-3.0
TX ABILENE	84	0	3.5	1.4
AMARILLO	81	2	3.5	0.8
AUSTIN	86	1	0.5	-1.4
BEAUMONT	85	1	2.3	-3.1
BROWNSVILLE	85	1	0.4	-1.2
CORPUS CHRISTI	84	-1	0.2	-1.7
DEL RIO	85	-1	1.2	-0.5
EL PASO	80	-2	2.8	1.2
FORT WORTH	86	0	0.4	-1.6
GALVESTON	84	1	0.7	-3.1
HOUSTON	86	3	0.6	-2.7
LUBBOCK	82	2	1.4	-0.9
MIDLAND	81	-1	1.3	-0.5
SAN ANGELO	83	-1	0.7	-0.5
SAN ANTONIO	86	1	0.1	-1.9
VICTORIA	85	0	0.8	-1.8
WACO	87	2	0.4	-1.4
WICHITA FALLS	87	1	0.8	-1.2
UT BLANDING	71	-3	1.8	0.8
CEDAR CITY	72	-2	0.4	-0.7
SALT LAKE CITY	74	-3	0.9	0.1
VT BURLINGTON	68	-1	4.7	1.3
VA NORFOLK	82	4	2.6	-2.6
RICHMOND	81	3	7.0	1.9
ROANOKE	79	3	2.8	-0.6
WA COLVILLE	65	-3	1.2	0.4
QUILLAYUTE	57	-2	3.4	1.0
SEATTLE-TACOMA	62	-3	1.1	0.4
SPOKANE	64	-6	0.4	-0.1
YAKIMA	66	-5	0.3	0.1
WV BECKLEY	72	3	6.1	1.7
CHARLESTON	77	3	7.6	2.3
HUNTINGTON	78	2	5.4	1.0
PARKERSBURG	76	1	3.1	-1.4
WI GREEN BAY	71	2	4.9	1.6
LA CROSSE	75	2	4.8	1.0
MADISON	73	3	4.3	0.6
MILWAUKEE	72	2	6.0	2.4
WAUSAU	71	2	4.4	0.5
WY CASPER	69	-2	1.1	0.1
CHEYENNE	68	0	1.0	-0.8
LANDER	69	-2	0.9	0.2
SHERIDAN	68	-2	0.6	-0.4
PR SAN JUAN	82	0	1.2	-3.7

Based on 1951-80 normals.

National Agricultural Summary

August 4 to 10, 1986

HIGHLIGHTS: Cooler temperatures and scattered showers relieved crop stress across the central Great Plains, the Delta, and in the Southeast. Crop development slowed in the Corn Belt and in the central and northern Plains but still remained ahead of normal. Farmers were able to work 4 to 6 days in most areas of the Nation. Although moisture supplies increased in the Delta, soil moisture remained critically short in the Southeast. Soil moisture was becoming increasingly short in the Western States.

Winter wheat was 94 percent (%) harvested, 2 percentage points ahead of the 5-year average. Spring wheat was 18% combined compared with 25% in 1985 and 24% normally. Rain slowed harvest in most areas. Corn was 19% dented, 6 points above last year and 10 points above the average. Fifty-three percent of the acreage had ears in the dough stage, 5 points ahead of 1985 and 15 points above normal. Silking was nearly finished. Soybeans were mostly good in the Corn Belt and in the central and northern Plains. Pod setting was 62% finished, 11 points above normal. Soybeans were 86% bloomed, 1 point below 1985 but 5 points above the average. Sorghum was mostly good to fair and 73% heading. Heading was 15 points greater than the average. Cotton bolls were present on 80% of the acreage, equaling normal. A few acres in Texas and Oklahoma had not begun squaring. Bolls were open in Texas, Arizona, and Louisiana. Rice was 76% headed and 12% harvested. Livestock stressed subsided from the central Plains to the Southeast with cooler temperatures.

SMALL GRAINS: Winter wheat was 94% harvested in the 20 major producing States, equaling 1985 but 2 points ahead of normal. Harvest was finished except in California, Colorado, Idaho, Michigan, Montana, Oregon, South Dakota, and Washington. In Idaho and Montana, harvest was 42 and 55% finished and 16 and 5 points ahead of normal, respectively. Harvest increased 19 points from the previous week in Oregon and 8 points in Washington.

Spring wheat harvest advanced 11 points to 18% combined. This compares with 25% combined last year and 27% normally. Harvest at 18% finished, jumped 13 points from the previous week in Minnesota but still lagged 6 points behind normal. South Dakota's harvest was 59% complete more than doubling the previous week's progress. Harvest was behind normal in all States except Idaho. Wetness slowed harvest in most areas.

CORN: Corn development continued ahead of normal. In the 17 major corn producing States, 19 percent of the corn acreage reached the dent stage, 6 points ahead of 1985 and 10 points ahead of the average. Corn was dented in all major producing States except Michigan and Minnesota. Corn acreage with ears in the dough stage or beyond climbed to 53% finished compared with 48% last year and 38% average. Silking was complete or neared completion in all States except Colorado, Minnesota, South Dakota, and Wisconsin. Corn continued its mostly good to excellent condition in the Corn Belt and in the central and northern Plains. Corn was mostly poor in the Southeast.

SOYBEANS: Cooler temperatures and scattered showers eased stress in the Delta and in the Southeast. Soybeans were mostly good in the Corn Belt and central and northern Plains. Condition was mostly poor in the Southeast and fair to poor in the Delta. Soybeans setting pods increased 18 points from the previous week to 44% finished. This was slightly ahead of last year and 11 points above the average. Blooms were present on 78% of the acreage compared with 70% average. Nebraska's soybeans were nearly past the bloom stage. Inadequate moisture lowered soybean condition in Indiana.

SORGHUM: Sorghum was 73% headed 15 points above normal. Heading was ahead of normal in virtually all States. Sorghum was mostly good to fair in the major producing States. Sorghum harvest was half finished in Texas. Louisiana sorghum was 22% harvested. Harvest was underway in Arkansas.

COTTON: In the 14 major cotton producing States, nearly all the acreage had squares except in Oklahoma and Texas. Sixty-seven percent had bolls, 1 point ahead of normal. Boll setting was 7 points slower than in 1985. Cotton was mostly fair in the Delta. Poor condition remained in the Southeast. In the Southwest cotton was mostly good. Bolls opened in Arizona, Louisiana, and in Texas. In Texas, cotton producers were getting ready to defoliate in the Blacklands. Harvest was 7% finished. Boll weevil activity increased in Oklahoma.

OTHER CROPS: Rice was 12% harvested, 5 points above normal. Harvest progressed rapidly in Texas but was only 2 points ahead of normal. In the 5 major producing States heading was 76% finished, 24 points above normal.

Tobacco harvest continued throughout the Southeast and was underway in Kentucky and Tennessee. In Georgia harvest equaled the normal pace at 64% completion. Harvest lagged 9 and 10 points behind normal in South Carolina and North Carolina, respectively.

Peanuts were fair to poor in Georgia. Pegging was virtually finished in Georgia and Alabama. Peanut harvest began in Mississippi. Rain helped peanuts in Texas, but more moisture is needed. Peanuts were blooming and pegging.

FRUITS AND NUTS: Apple harvest was active in most areas of the Nation. Peach harvest slowed in the Southeast but gained momentum in northern producing areas. Florida citrus trees were very good to excellent. Adequate soil moisture reduced the need for irrigation. New crop fruit sized well. California fruit growers harvested apples, avacados, table and wine grapes, stonefruit, grapefruit, oranges, and almonds. In Texas, hot temperatures and dry weather caused considerable nut droppage in pecans.

VEGETABLES: In Florida, tomato transplanting gained momentum. Fall vegetable land preparation was active. Dry weather hurt many vegetable crops in Texas. Fall broccoli was planted in the Huron District of California. California vegetable harvest consisted mostly of broccoli, carrots, sweet corn, cucumbers, lettuce, and melons. Fall lettuce planting was underway at Westside.

PASTURES AND LIVESTOCK: Pastures showed very little improvement in the Delta and in the Southeast. Short moisture caused pastures to dry in the western States. Livestock was mostly good. The cooler temperatures relieved most of the stress.

CROP PROGRESS

FOR WEEK ENDING AUGUST 10, 1986

WINTER WHEAT
% HARVESTED

	1986	1985	AVG.
ARK	100	100	100
CALIF	99	99	99
COLO	95	98	93
GA	100	100	100
IDAHO	42	34	26
ILL	100	100	100
IND	100	100	100
KANS	100	100	100
MICH	98	100	90
MO	100	100	97
MONT	55	65	50
NEBR	100	100	100
N MEX	100	NA	NA
N C	100	100	100
OHIO	100	100	100
OKLA	100	100	100
OREG	77	60	52
S DAK	99	98	95
TEX	100	100	100
WASH	50	58	53
20 STATES	94	NA	NA
EXCL. STATES WITH NA	94	94	92

THESE 20 STATES PRODUCED 91% OF THE 1985 WINTER WHEAT CROP.

NA - NOT AVAILABLE.

SOYBEANS
% BLOOM

	1986	1985	AVG.
ALA	68	76	72
ARK	60	62	47
GA	57	82	68
ILL	99	95	91
IND	96	95	91
IOWA	95	97	92
KANS	90	80	50
KY	68	66	60
LA	87	82	76
MICH	90	90	90
MINN	97	95	95
MISS	65	85	78
MO	88	79	70
NEBR	100	100	92
N C	50	49	54
OHIO	100	100	100
S C	47	67	59
S DAK	84	89	88
TENN	65	70	70
19 STATES	86	87	81

THESE 19 STATES PRODUCED 96% OF THE 1985 SOYBEANS CROP.

SOYBEANS
% SETTING PODS

	1986	1985	AVG.
ALA	43	48	41
ARK	33	26	25
GA	22	49	34
ILL	80	75	65
IND	55	55	45
IOWA	80	84	72
KANS	65	40	35
KY	31	24	21
LA	63	57	51
MICH	30	40	40
MINN	73	65	58
MISS	36	42	34
MO	66	56	41
NEBR	85	80	60
N C	19	18	22
OHIO	89	92	77
S C	20	25	22
S DAK	64	53	57
TENN	35	35	25
19 STATES	62	60	51

THESE 19 STATES PRODUCED 96% OF THE 1985 SOYBEANS CROP.

SPRING WHEAT
% HARVESTED

	1986	1985	AVG.
IDAHO	18	6	12
MINN	18	25	24
MONT	10	30	20
N DAK	13	20	18
S DAK	59	65	64
5 STATES	21	30	27

THESE 5 STATES PRODUCED 95% OF THE 1985 SPRING WHEAT CROP.

CORN
% SILKING

	1986	1985	AVG.
COLO	84	93	84
GA	100	100	100
ILL	100	100	100
IND	99	98	92
IOWA	100	100	95
KANS	100	99	90
KY	98	95	90
MICH	95	90	85
MINN	92	92	95
MO	100	100	92
NEBR	100	100	92
N C	100	100	100
OHIO	100	100	100
PA	92	78	76
S DAK	79	80	80
TEX	100	98	NA
WIS	91	78	79
17 STATES	97	96	NA
EXCL. STATES WITH NA	97	96	93

THESE 17 STATES PRODUCED 93% OF THE 1985 CORN CROP.

NA - NOT AVAILABLE.

CORN
% DOUGH

	1986	1985	AVG.
COLO	24	34	24
GA	100	100	97
ILL	80	76	63
IND	70	60	50
IOWA	40	37	26
KANS	70	60	40
KY	61	56	40
MICH	10	25	20
MINN	15	8	8
MO	88	79	59
NEBR	65	45	30
N C	95	90	85
OHIO	75	80	64
PA	27	22	20
S DAK	26	18	15
TEX	90	81	NA
WIS	32	25	23
17 STATES	54	48	NA
EXCL. STATES WITH NA	53	48	38

THESE 17 STATES PRODUCED 93% OF THE 1985 CORN CROP.

NA - NOT AVAILABLE.

CORN
% DENT

	1986	1985	AVG.
COLO	1	3	1
GA	98	97	88
ILL	40	25	19
IND	10	5	4
IOWA	10	7	2
KANS	20	15	10
KY	29	20	10
MICH	0	0	0
MINN	0	0	1
MO	66	41	29
NEBR	15	4	1
N C	80	74	64
OHIO	14	18	14
PA	4	0	0
S DAK	5	2	2
TEX	75	61	NA
WIS	1	1	0
17 STATES	20	14	NA
EXCL. STATES WITH NA	19	13	9

THESE 17 STATES PRODUCED 93% OF THE 1985 CORN CROP.

NA - NOT AVAILABLE.

GRAIN SORGHUM
% HEADED

	1986	1985	AVG.
ARK	88	NA	NA
ILL	80	NA	NA
KANS	60	40	30
LA	100	98	93
MISS	94	95	86
MO	84	73	68
NEBR	85	65	55
OKLA	50	75	50
S DAK	53	38	50
TENN	90	85	NA
TEX	78	83	81
11 STATES	75	NA	NA
EXCL. STATES WITH NA	73	65	58

THESE 11 STATES PRODUCED 94% OF THE 1985 GRAIN SORGHUM CROP.

NA - NOT AVAILABLE.

COTTON
% SQUARING

	1986	1985	AVG.
ALA	100	100	100
ARIZ	100	100	100
ARK	100	100	100
CALIF	100	100	100
GA	100	100	100
LA	100	100	100
MISS	100	100	100
MO	100	100	99
N MEX	100	100	100
N C	100	100	100
OKLA	85	98	90
S C	100	100	100
TENN	100	100	100
TEX	96	98	96
14 STATES	98	99	98

THESE 14 STATES PRODUCED 100% OF THE 1985 COTTON CROP.

For Information Call: (202) 447-7310

COTTON
% SETTING BOLLS

	1986	1985	AVG.
ALA	98	100	95
ARIZ	98	96	99
ARK	100	99	99
CALIF	95	90	82
GA	91	99	93
LA	99	100	94
MISS	100	100	90
MO	99	100	91
N MEX	60	99	97
N C	90	90	86
OKLA	50	80	45
S C	89	98	98
TENN	95	96	89
TEX	65	73	72
14 STATES	80	85	80

THESE 14 STATES PRODUCED 100% OF THE 1985 COTTON CROP.

WEEKLY CROP WEATHER CONDITION PERCENT REPORT
FOR WEEK ENDING AUGUST 10, 1986

CORN

STATE	VP	P	F	G	EX
COLO	6	7	25	52	10
GA	28	36	31	5	0
ILL	0	0	4	34	62
IND	0	0	17	66	17
IOWA	0	1	6	49	44
KANS	0	0	12	23	65
KY	1	13	51	31	4
MICH	3	7	15	45	30
MINN	1	2	16	46	35
MO	1	2	20	53	24
NEBR	0	1	6	50	43
N C	36	24	22	16	2
OHIO	0	0	7	61	32
PA	3	5	14	48	30
S DAK	0	2	14	68	16
TEX	0	4	16	66	24
WISC	0	0	7	39	54

SPRING WHEAT

STATE	VP	P	F	G	EX
IDAHO	0	0	40	48	12
MINN	1	5	49	41	4
MONT	0	2	29	65	4
N DAK	0	0	19	79	2
S DAK	0	9	24	64	3

SOYBEANS

STATE	VP	P	F	G	EX
ALA	5	58	35	2	0
ARK	0	28	62	10	0
GA	26	45	24	5	0
ILL	0	0	11	52	37
IND	0	0	32	62	6
IOWA	0	1	18	55	26
KANS	0	0	10	25	65
KY	3	19	34	44	0
LA	6	12	53	26	3
MICH	3	7	20	50	20
MINN	1	2	31	52	14
MISS	23	55	17	5	0
MO	0	6	34	57	3
NEBR	0	0	6	83	11
N C	9	32	29	26	4
OHIO	0	0	18	74	8
S C	30	38	23	9	0
S DAK	4	0	10	76	10
TENN	7	29	62	2	0

GRAIN SORGHUM

STATE	VP	P	F	G	EX
ARK	0	14	40	42	4
ILL	0	0	6	70	24
KANS	1	1	15	31	52
LA	0	5	45	50	0
MISS	8	16	51	25	0
MO	0	11	40	45	4
NEBR	0	1	5	76	18
OKLA	0	0	40	60	0
S DAK	0	2	22	75	1
TENN	6	15	77	2	0
TEX	0	1	31	54	14

RICE

STATE	VP	P	F	G	EX
ARK	0	0	16	74	10
CALIF	0	0	10	70	20
LA	0	0	22	68	10
MISS	8	14	28	50	0
TEX	0	0	30	59	11

COTTON

STATE	VP	P	F	G	EX
ALA	5	32	53	10	0
ARIZ	0	0	0	85	15
ARK	0	4	37	49	10
CALIF	0	0	15	75	10
GA	14	34	45	7	0
LA	0	44	23	33	0
MISS	18	18	54	10	0
MO	0	9	73	18	0
N MEX	0	0	50	50	0
N C	3	16	37	37	7
OKLA	0	0	50	50	0
S C	53	36	11	0	0
TENN	3	5	45	47	0
TEX	0	4	48	42	6

VP - VERY POOR P - POOR F - FAIR G - GOOD EX - EXCELLENT

For Information Call: (202) 447-7310

State Summaries of Weather and Agriculture

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

ALABAMA: Temperatures averaged near normal. Rainfall totals mostly 1.00 to 2.00 in. north; central, south mostly under 1.00 in.

Days suitable for fieldwork 6.5. Soil moisture 93% short, 7% adequate. Crops continued to deteriorate from lack of moisture. Peanuts pegging virtually complete. Primary activities: Harvesting corn, hay, vegetables; cultivating row crops; clipping pastures for weed control; pest management on cotton, soybeans, pecans; supplemental feeding, watering of livestock; routine farm chores.

ALASKA: Varied weather conditions Railbelt-wide. Temperatures ranged 6° below normal to 3° above normal. Seasonal precipitation ranged 2.78 in. wetter than normal to 2.07 in. drier than normal.

Days suitable for fieldwork 4.0. Soil moisture 2% short, 96% adequate, 2% surplus. Barley for grain over 25% turning color. Barley for grain 56% poor, 29% fair, 14% good, 1% excellent. Dairymen harvesting small grains for silage. Commercial vegetable harvest continued with excellent quality, quanities available. Potatoes mostly good to excellent; tubers sizing well.

ARIZONA: Very humid air, strong daytime heating. Locally heavy downpours, some damaging winds. Rainfall varied from traces number of localities to 2.48 in. Flagstaff, with none reported west. Average temperatures mostly 1 to 6° above normal.

Cotton showed favorable advancement. Open bolls 10%, 6% 1985. Heavier fruit loads than average. Insect problems quite variable, under control. Boll weevil hot spots treated 3 to 5 day intervals. Pink bollworm infestations light to moderate. Alfalfa cutting active; advancement through 6th cutting west. Corn, sorghum good, varying stages of development. Peanuts, sesame, sudan developing favorably. Lemon picks increased west, early shipments underway. Other citrus good. Peaches harvested southeast. Pre-planting activities widespread for lettuce, cauliflower, broccoli. Planting fall lettuce deal Willcox. Fall melons planted, emerged stands developing well. Cantaloups, honeydews shipped Aguila. Chili harvest underway southeast.

ARKANSAS: Unusally cool week with plentiful rainfall. Temperature extremes 52°; 97°. Rainfall 4.90 to 0.04 in.

Days suitable for fieldwork 6.0. Soil moisture 61% short, 37% adequate, 2% surplus. Crop growth moderate. Major activities: Cutting, baling hay; cultivating, irrigating crops; draining rice fields; harvesting sorghum, corn, wine grapes, squash, apples, melons; applying herbicides, insecticides; scouting for diseases, insects; repairing machinery. Pasture growth slowed, grasshoppers problem. Farmers sprayed livestock for insects, external parasites; marketing livestock.

CALIFORNIA: Weather dominated high pressure aloft over southwestern deserts. No rain recorded in gauges across State. Coastal stratus kept areas's temperature near seasonal averages while inland deserts, valleys, generally 3 to 4° above normal for week.

Cotton continued maturing; growers treated lygus, mites, worms. Rice headed. Wild rice harvested. Wheat, barley harvest completed. Alfalfa, excellent growth. Dry beans, milo, field corn, normal. Sudan grass greenchopped. Sugarbeets sprayed. Harvest active apples, avocados, table grapes, wine grapes, stonefruit, summer grapefruit, Valencia oranges, almonds. Pesticides applied grapes, walnuts, Coachella Valley dates. Artichokes moderate, variable quality; central coast. Broccoli moderate, good quality; Salinas, Santa Maria. Fall broccoli planted, Huron District. Carrot fairly heavy, good quality; Salinas. Carrot harvest active, Huron District, fall fields Kern-Tulare progressed well. Cauliflower moderate, good quality; Salinas, Santa Maria. Sweet corn harvest progressed statewide; good quality. Cucumber harvest continued San Joaquin Valley. Lettuce moderate, variable quality; Salinas. Fall lettuce planting Westside. Harvest cantaloup, honeydew, mixed melons, watermelons, full swing, very good quality. Cantaloup harvest continued wind down, Kings. Dry onion digging active Perris-Hemet. Summer potatoes harvested, Hemet-San Jacinto. Fall potatoes 1985 season marketed good prices received. Growers prevent frost damage 1986 fall potatoes; Tulelake-Butte Valley. Processing, fresh market tomato harvest progressed, statewide; good quality. Market tomato seedlings transplanted fall fields, Kings County. Rains needed improve feed mountain grazing areas. Fire hazard continued extremely high most districts. Stock ponds drying up. Hot weather having affect on poultry.

COLORADO: Temperatures averaged 1° above normal to 4° below normal. Precipitation totals averaged none to 3.29 in.

Days suitable for fieldwork 5.9. Soil moisture 12% very short, 46% short, 40% adequate, 2% surplus. Barley ripe 70%, 67% 1985, 62% avg.; harvested 56%, 60% 1985, 50% avg. Dry beans flowering 76%, 91% 1985, 82% avg. Livestock good; range, pasture fair to mostly good.

FLORIDA: Scattered thunderstorms; typically hot, humid. Rainfall most areas, from less than 0.25 in., few spots to over 5.00 in. others. Temperatures near normal.

Soil moisture adequate statewide, except central Panhandle remained short. Corn, tobacco harvest continued, yields down. Soybeans, peanuts improved. Cotton, sugarcane good. Haymaking active, weather permitting. Some southwest coast haying delayed by rains. Panhandle pastures fair to poor; elsewhere, good to excellent. Panhandle cattle fair to poor; elsewhere good to excellent. Citrus trees very good to excellent. Adequate soil moisture with very little irrigation. Young trees full new growth. New crop fruit producing good sizes; almost no fruit droppage. Caretakers very active all areas. Land preparation active fall vegetables. Tomato transplanting gaining momentum Palmetto-Ruskin area, to commence next week southwest. Limited supplies summer vegetables available northern, western areas.

GEORGIA: Rain greatest over east 2.00 to 3.00 in. range; 1.00 to 2.00 in. totals common extreme north, Atlanta, Macon, Plains. Most areas central, south less than 1.00 in. Temperatures upper 70s to 80s north; mid 80s elsewhere. Averages 1 to 2° above normal. Most central, south locations maximums of 90° or higher each day.

Days suitable for fieldwork 6.0. Soil moisture 61% very short, 30% short, 9% adequate. Corn 92% mature, 84% 1985, 69% avg.; 29% harvested, 21% 1985, 16% avg. Cotton 7% bolls open, 7% 1985, 4% avg. Sorghum grain 16% very poor, 48% poor, 34%

fair, 2% good. Peanuts 10% very poor, 23% poor, 53% fair, 14% good; 100% blooming, 100% 1985, 100% avg.; 95% pegging, 100% 1985, 99% avg. Tobacco 83% fair, 17% good; 64% harvested, 72% 1985, 64% avg. Watermelons 3% very poor, 30% poor, 60% fair, 7% good; 98% harvested, 97% 1985, 91% avg. Apples 28% poor, 55% fair, 17% good; 27% harvested, 24% 1985, 28% avg. Peaches 5% very poor, 18% poor, 59% fair, 18% good. Pecans 12% very poor, 35% poor, 49% fair, 4% good. Pasture 47% very poor, 37% poor, 14% fair, 2% good. Hay 52% very poor, 33% poor, 13% fair, 2% good. Cattle 3% very poor, 42% poor, 48% fair, 7% good. Hogs 1% very poor, 15% poor, 47% fair, 37% good. Main activities: Harvesting; insect, weed control; irrigation where possible-ponds, creeks, wells drying up.

HAWAII: Conditions mostly favorable. Light showers confined mainly windward, mountain areas. Northeasterly winds 10 to 20 mph. Temperatures ranged upper 60s to lower 90s, few daily record highs. Rainfall ranged none to 2.20 in.

Days suitable for fieldwork 7.0. Conditions mostly favorable for crop development. Soil moisture adequate most areas. Sugarcane, pineapple harvesting active. Banana orchards fair, seasonal increase Williams variety. Seasonal decline papayas. Some leafy vegetables adversely affected by high temperatures.

IDAHO: Temperatures well above normal. Light rainfall southeast only.

Days suitable for fieldwork 7.0. Small grain harvest underway, progressing ahead of normal. Second cutting alfalfa hay over half complete. Potatoes good, starting to turn. Range, pasture good, grazing adequate. Livestock good. Grasshopper, insect infestation moderate.

ILLINOIS: Temperatures averaged 1 to 6° below normal. Precipitation 0.29 to 3.25 in. Most areas received beneficial rainfall with lightest amounts east, heaviest amounts extreme south.

Days suitable for fieldwork 5.3. Soil moisture 25% short, 74% adequate, 1% surplus. Corn mature 4%, none 1985, none avg. Oats harvested 100%, 100% 1985, 96% avg. Alfalfa 1% poor, 8% fair, 73% good, 18% excellent; alfalfa 3rd crop cut 50%, 41% 1985, 33% avg. Pasture 4% poor, 21% fair, 63% good, 12% excellent. Major farm activities: Harvesting hay, oats, walking soybeans, mowing roadsides, tending livestock.

INDIANA: Temperatures averaged from 1 to 4° below seasonal normal. Daily maximums averaged upper 70s to mid 80s. Daily minimums averaged upper 50s to low 60s. Precipitation amounts averaged from 0.60 to 1.00 in. north, 0.80 to 0.90 in. central, little over 1.00 in. across southern third of State.

Fieldwork averaged 6.2 days. Topsoil moisture 54% short, 46% adequate. Subsoil moisture 32% short, 68% adequate. Corn mostly good. Soybeans fair to mostly good. Oats 99% combined, 99% 1985, 91% avg. Alfalfa 93% cut twice, 98% 1985, 93% avg. Pastures mostly fair to good. Soil moisture became shorter lowering corn, soybean conditions.

IOWA: Cool week, temperatures averaged 5° subnormal. Precipitation subnormal northern third, seasonal to heavy southward.

Days suitable for fieldwork 4.5. Hay mostly good to fair. Second crop alfalfa harvested 96%, 100% 1985, 94% avg.; 3rd crop alfalfa harvest just underway; 2nd crop clover harvested 80%, 95% 1985, 78% avg. Cooler weather slows corn, soybean maturity; corn milk stage 85%, 81% 1985, 64% avg. Livestock mostly good, cooler weather improved gains. Pastures mostly good.

KANSAS: Precipitation averaged 0.30 to 0.75 in. central and west. 1.50 to 2.50 in. east. Temperatures averaged 73° east central, 77° southwest, central; 1 to 3° below normal central and west, 4 to 6° below normal elsewhere.

Days suitable for fieldwork 5.0. Topsoil moisture 39% short, 53% adequate, 8% surplus. Frequent rainfall, cooling temperatures improved crop condition. Sorghum heading ahead schedule. Greenbug numbers controlled by beneficials. Corn excellent progress. Corn borer evident, treatment underway. Spider mite build-up some areas. Soybeans ahead schedule. Range, pasture fair west, good to excellent central, east.

KENTUCKY: Varied weather. Average daily temperatures west, central sections near to 5° below normal. East, as much as 5° above normal. Most locations highs around 90°. First of week dry, rainfall common second half. Amounts ranged from less than 0.25 in. southeast to near 4.00 in. west.

Days suitable fieldwork 5.3. Soil moisture 52% very short, 37% short, 11% adequate. All areas need rain. Burley tobacco 56% topped, 74% 1985, 44% avg. Dark tobacco 65% topped. Some tobacco cut. Tobacco 2% very poor, 21% poor, 63% fair, 14% good. Some very early corn harvested, expected to be active 3 to 4 weeks. Soybeans need rain as most acreage blooming, setting pods. Hay, pastures very dry. Need rain to boost fall hay, grazing.

LOUISIANA: Temperature normal to 1° below. Temperature extremes 63°; 98°. Rainfall averaged 0.40 to 1.80 in.

Days suitable for fieldwork 6.0. Soil moisture 54% short, 44% adequate, 2% surplus. Cotton 27% open bolls, 8% 1985, 3% avg. Corn good; 93% mature, 90% 1985, 77% avg.; 35% harvested, 37% 1985, 28% avg. Rice 41% ripe, 37% 1985, 35% avg. Sorghum 92% turning color, 77% 1985, 70% avg.; 67% ripe, 38% 1985, 29% avg.; 22% harvested, 15% 1985, 11% avg. Sweetpotatoes fair; 12% harvested, 15% 1985, 11% avg. Hay final cutting 27% complete, 23% 1985, 6% avg. Sugarcane good; vegetables fair; pasture, livestock fair to good. Main activities: Baling hay; harvesting corn, rice, sorghum, sweetpotatoes.

MARYLAND & DELAWARE: Maryland: Temperatures ranged from normal to 3° above normal; high temperatures high 80s to low 90s; low temperatures mostly low to mid 60s. Precipitation averaged 1.17 in., ranging from 0.05 to 2.50 in.

Days suitable for fieldwork 6.2 days. Topsoil mostly short. Subsoil moisture very short. Field corn poor to fair. Field corn 89% silked, 95% 1985, 93% avg.; 58% dough, 64% 1985, 57% avg.; 35% dented, 22% 1985, 20% avg. Soybeans 60% bloomed, 64% 1985, 57% avg.; 28% podded, 28% 1985, 26% avg. Tobacco 57% bloomed, 89% 1985; 33% topped. Tobacco fair to good. Potatoes 49% harvested, 79% 1985. Watermelons 66% harvested, 82% 1985, 61% avg. Cantaloupes 80% harvested, 72% 1985, 73% avg. Cucumbers 97% harvested, 84% 1985, 81% avg. Snap beans 85% harvested, 99% 1985, 97% avg. Tomatoes 43% harvested, 72% 1985, 63% avg. Sweet corn 70% harvested, 82% 1985, 77% avg. Pasture fair to poor. Apples, peaches good. Apples 19% harvested. Peaches 60% harvested, 77% 1985, 51% avg. Alfalfa hay 98% cut twice, 100% 1985, 100% avg. Other hay 95% cut twice, 100% 1985, 96% avg.

Delaware: Temperatures averaged 1° above normal; high temperatures high 80s to low 90s. Low temperatures low to mid 60s. Precipitation averaged 1.05 in., ranging from 0.34 to 1.63 in.

Days suitable for fieldwork 6.5. Topsoil moisture short. Subsoil moisture very short. Field corn fair. Field corn 70% dough, 66% 1985, 61% avg.; 42% dented, 29% 1985; 5% mature. Corn silage 8% cut. Soybeans 59% bloomed, 88% 1985, 57% avg.; 36% podded, 48% 1985, 27% avg. Soybeans

mostly fair. Potatoes 74% harvested, 64% 1985, 75% avg. Watermelons 36% harvested, 34% 1985, 38% avg. Cantaloupes 79% harvested, 69% 1985, 61% avg. Cucumbers 80% harvested, 74% 1985, 79% avg. Tomatoes 35% harvested, 21% 1985, 45% avg. Sweet corn 72% harvested, 69% 1985, 71% avg. Alfalfa hay 98% cut three times, 94% 1985, 63% avg.

MICHIGAN: Temperatures ranged 3° below to 4° above normal. Temperature extremes 50°; 83°. Precipitation ranged from 0.18 to 2.28 in.

Days suitable for fieldwork 4.5. Soil moisture 20% short, 70% adequate, 10% surplus. Corn 95% silked, 90% 1985, 85% avg.; dough 10%, 25% 1985, 20% avg.; 3% very poor, 7% poor, 15% fair, 45% good, 30% excellent. Soybeans 90% bloomed, 90% 1985, 90% avg. Setting pods 30%, 40% 1985, 40% avg.; 3% very poor, 7% poor, 20% fair, 50% good, 20% excellent. Wheat 98% harvested, 100% 1985, 90% avg. Dry beans 90% bloomed, 95% 1985, 90% avg.; setting pods 25%, 45% 1985, 45% avg.; 1% very poor, 4% poor, 20% fair, 50% good, 25% excellent. Major farm activites: Harvesting oats, hay, peaches, apples. Bailing straw, plowing stubble. Fruit continued sizing well.

MINNESOTA: Temperature averaged near normal to 5° below normal. Temperature extremes 41°; 90°. Precipitation averaged 0.25 to 0.65 in. below normal for southern one-third of State, north central and 0.10 to 0.85 in. above normal elsewhere. Greatest weekly total 3.52 in.

Days suitable for fieldwork 4.9. Topsoil moisture 7% short, 75% adequate, 18% surplus. Cool week across State, dry southern one-third. Wet conditions caused weed problems, slows small grain harvest. Spring wheat 90% turning ripe, 86% 1985, 93% avg.; 38% cut, 46% 1985, 53% avg. Oats 96% turning ripe, 99% 1985, 98% avg.; 76% cut, 82% 1985, 83% avg.; 56% combined, 64% 1985, 57% avg. Barley 94% turning ripe, 98% 1985, 98% avg.; 47% cut, 77% 1985, 82% avg.; 23% combined, 46% 1985, 57% avg. Field corn 67% milk, 61% 1985, 48% avg. Winter wheat 80% harvested, 70% 1985, 77% avg. Rye 81% harvested 74% 1985, 76% avg. Sweet corn 29% harvested for processing, 19% 1985, 13% avg.

MISSISSIPPI: Temperatures few degrees below normal, extremes 56°; 97°. Hot, humid conditions, scattered thunderstorms. Greatest 24-hour rainfall 1.88 in.

Days suitable for fieldwork 6.3, 4.0 1985, 4.6 avg. Soil moisture 50% very short, 41% short, 9% adequate. Corn 6% poor, 36% fair, 45% good, 13% excellent; 83% dented; 53% mature, 70% 1985, 46% avg.; 10% harvested, 13% 1985, 9% avg. Sorghum silage 41% harvested, 37% 1985, 34% avg. Sweetpotatoes 1% harvested, 2% 1985, 5% avg. Watermelons 79% harvested, 78% 1985, 73% avg. Corn silage 60% harvested, 45% 1985, 40% avg. Hay 73% harvested, 70% 1985, 73% avg. Peanuts 18% harvested, 13% 1985. Peaches 98% harvested, 95% 1985, 88% avg.

MISSOURI: Temperatures about 5° above normal. Rain midweek, 9th averaged 1.00 in. across State. Thunderstorms produced heavy rains of 3.00 to 4.00 in. northwest.

Days suitable for fieldwork 4.5. Soil moisture 49% short, 49% adequate, 2% surplus. Corn mature 13%, none 1985, none avg. Sorghum coloring 39%, 24% 1985, 22% avg. Alfalfa 3rd cutting 70%, 54% 1985, 45% avg. Pasture 6% very poor, 31% poor, 44% fair, 18% good, 1% excellent.

MONTANA: Scattered thunderstorms east of divide, precipitation near 0.50 in. southeast, south central. Temperatures north central, east 1 to 4° above normal. Low 36°; high 101°.

Days suitable for fieldwork 6.3. Topsoil moisture 71% short, 29% adequate. Subsoil moisture 41% short, 59% adequate. Barley growth, condition 5% poor, 38% fair, 56% good, 1% excellent. Barley harvested 15%, 40% 1985, 20% avg. Oats 15%, 40% 1985, 25% avg. Second cutting alfalfa 40%, 65% 1985, 40% avg. Wild hay harvested 80%, 100% 1985, 80% avg.

NEBRASKA: Temperatures amounts averaged 0.70 in. west; 1.00 to 1.50 in. central, east. Temperatures 3 to 6° below normal. Temperatures extremes 48°; 95°.

Days suitable for fieldwork 5.5. Topsoil moisture 26% short, 65% adequate, 9% surplus. Subsoil moisture 21% short, 79% adequate. Corn good to excellent. Virtually all corn silked. Soybeans, sorghum mostly good. Virtually all soybeans past blooming. Second cutting alfalfa finishing up. Third cutting 30%, 10% 1985, 10% avg. Alfalfa mostly good to fair. Spotted areas of oats remain to be harvested. Pasture, range mostly adequate. Livestock producers cleaning lots, spraying for fly control.

NEVADA: High pressure system left most areas hot, dry entire week. Few high-based thunderstorms last part of week south, east produced only trace amounts of precipitation. Temperature extremes 37°; 118°. For entire week, average temperatures 4 to 5° above normal.

Hot, dry weather favored haying, small grain combining operations. Onion harvesting in progress, garlic digging nearing completion. Harvesting cantaloupes getting underway. Ranges, pastures continued to deteriorate from high temperatures, lack of rain.

NEW ENGLAND: Scattered shower, thunderstorm activity; rainfall 0.50 to 2.50 in. Average temperatures ranged from mid 60s near Canadian border to mid 70s south coast; near normal.

Days suitable for fieldwork 4.5. Soil moisture 50% adequate, 50% surplus. Grazing availability 75% adequate, 25% surplus. Fieldwork progress 2 days behind schedule. Rains hindered hay harvest. Maine potatoes good. Field corn fair to good north, good to excellent south. Sweet corn 25% harvested, 35% 1985, 35% avg.; good north, good to excellent south. Shade tobacco good; 55% picked. Outdoor 10 to 15% picked north to south. Second crop hay 45% cut, 60% 1985, 55% avg. Third crop hay none to 20% cut north to south. Apples good; 5% harvested. Wild blueberry harvest active. Major farm activities: Haying, harvesting vegetables, early fruits, peas, broccoli, applying herbicides, insecticides, loading hay for shipment down south.

NEW JERSEY: Temperatures averaged above normal. Extremes 51°; 93°. Rainfall averaged 0.76 in. north, 0.44 in. central, 0.12 in. south. Heaviest 24-hour total 1.91 in. on 10th, 11th.

Hot, windy weather dried topsoil except scattered areas where down-pours occurred. Summer vegetable harvest active. Irish potato harvest increased. Very light blueberry movement continued. Peach picking active, some moving into storage. Summer variety apple marketings continued good, fall varieties sized. Most corn, soybean fields good condition, weeds a problem many fields. Oat combining neared completion. Third cutting of alfalfa hay progressed as conditions permitted.

NEW MEXICO: Weekly average temperatures 1 to 4° above normal. Temperatures 44° northern mountains to 100° northwestern plateau. Precipitation none northwestern plateau, western mountains to 1.89 in. northeastern plains.

Days suitable for fieldwork 6.6. Soil moisture 25% short, 67% adequate, 8% surplus. Hail damage 80% none, 20% light. Alfalfa 9% poor, 55% fair, 36% good. Corn 22% fair, 67% good, 11% excellent.

Irrigated grain sorghum 43% fair, 57% good. Dryland grain sorghum 33% poor, 67% fair. Pecans 20% fair, 60% good, 20% excellent. Apples 17% very poor, 17% poor, 17% fair, 49% good. Chile 33% fair, 56% good, 11% excellent; green harvest continued. Onions 50% fair, 50% good. Cattle 31% fair, 61% good, 8% excellent. Sheep 20% fair, 70% good, 10% excellent. Range 46% fair, 46% good, 8% excellent.

NEW YORK: Muggy, very wet weather continued for second straight week. On 3rd, thunderstorms scattered across region, few were potent. Weather quieted down on 4th but by late 5th showers, thunderstorms again on increase. Showers, thunderstorms active 6th to 9th. Severe thunderstorms affected many areas on 7th with hail, high winds, rains that flooded some spots. Temperatures averaged close to normal with weather neither being excessively hot or cold.

Days suitable for fieldwork 3.5. Soil moisture surplus to excessive. Frequent showers delayed harvesting, lowered hay quality. Corn good to excellent. Wheat harvest 67%, 72% 1985, 85% avg. Oat harvest 12%, 27% 1985, 27% avg. Second cut alfalfa 46%, 57% 1985, 64% avg. Harvesting of early summer apple varieties, peaches continued. Grapes good condition overall. Lettuce, onions destroyed by hail Oswego County. Several acres fresh market sweet corn in Schenectady County blown down by high winds and destroyed.

NORTH CAROLINA: Temperatures averaged slightly above normal across State. Temperature extremes 53°; 99°. Precipitation ranged from 0.23 to 7.42 in. Some hail, high wind damage, Mountain Region.

Days suitable for fieldwork 5.9. Soil moisture 28% very short, 46% short, 26% adequate. Corn mostly very poor to poor. Corn for silage harvested 36%, 15% 1985, 14% avg. Cotton fair to good, setting bolls. Soybeans mostly poor to fair, flowering, setting pods. Sorghum 21% very poor, 38% poor, 24% fair, 15% good, 2% excellent. Tobacco 2% very poor, 19% poor, 45% fair, 30% good, 4% excellent. Flue-cured tobacco harvested 26%, 20% 1985, 36% avg. Peanuts 7% poor, 33% fair, 45% good, 15% excellent. Sweetpotatoes 4% poor, 34% fair, 58% good, 4% excellent. Apples 20% very poor, 13% poor, 54% fair, 13% good. Peaches harvested 87%, 86% 1984, 84% avg. Truck crops 11% very poor, 35% poor, 35% fair, 19% good. Hay 45% very poor, 31% poor, 13% fair, 11% good. Pasture 41% very poor, 26% poor, 15% fair, 18% good. Major farm activities: Irrigating crops; cutting corn for silage; topping, suckering tobacco; cutting hay; cultivating soybeans, cotton, peanuts; harvesting vegetables, fruits, flue-cured tobacco; shearing Christmas trees; tending livestock; spraying soybeans, peanuts, cotton, tobacco, fruit trees; mowing; arranging for hay deliveries; mowing; general farm maintenance.

NORTH DAKOTA: Week began warm, dry ended cool, damp. Temperatures below normal except northwest, central; low 40° west central 3rd, high 93° southeast 4th. Precipitation 0.10 in. northwest to 1.12 in. east central.

Days suitable for fieldwork 5.5. Moisture supplies still good, above normal. Topsoil moisture 17% short, 77% adequate, 6% surplus. Rain, cool weather continued to delay harvest, which is behind normal for most small grains. Crop condition of most small grains declined slightly as harvest increased. Hard red spring wheat combined 13%, 20% 1985, 18% avg.; durum wheat combined 6%, 9% 1985, 9% avg.; barley combined 28%, 48% 1985, 45% avg. Late season crop conditions variable; flax, dry beans, soybeans declined; potatoes stable; corn, sunflowers improved. Development of all crops except flax ahead of normal. Potato rows filled and beyond 95%, 56% 1985, average not available; sunflower bloom and beyond 77%, 49% 1985, 58% avg.; dry beans fully podded and beyond 65%, 58% 1985, 52% avg.; flax turning to ripe 27%, 39% 1985, 34% avg. Pasture conditions declined; 4% poor, 27% fair, 66% good, 3% excellent.

OHIO: Temperatures averaged near to 3° subnormal. Extremes low 50s to low 90s. Precipitation 0.20 to 2.00 in.; heaviest northwest.

Days suitable for fieldwork 6.3. Soil mositure 59% short, 38% adequate, 3% surplus. Activities included harvests of oats, hay, vegetable, fruit; topping tobacco. Corn good to excellent; well along in dough, earliest stands mature. Soybeans good. Stress in row crops relieved by rains 10th. Hay fair to good. Pastures fair. Southeast needs more rain. Tobacco fair; topping active. Sugarbeets, potatoes good. Livestock less stressed after passage of cold front 10th.

OKLAHOMA: Temperatures averaged 1° below normal Panhandle, southwest, south central to 4° below normal northeast. Precipitation averaged 0.34 in. south central to 3.44 in. northeast.

Days suitable for fieldwork 5.8. Topsoil moisture 68% short, 30% adequate, 2% surplus. Subsoil moisture 45% short, 55% adequate. Wheat 100% harvested, 100% 1985, 100% avg. Planting expected to begin September 1. Sorghum 40% fair, 60% good; 50% heading. 75% 1985, 50% avg. Blackbirds infesting northeast fields. Cotton 50% fair, 50% good; 85% squaring, 98% 1985, 90% avg.; 50% setting bolls, 80% 1985, 45% avg. Boll weevil activity increasing, some fields up to 25% punctured squares. Pastures fair, south forage supplies dwindling. Cattle good; marketings, prices steady.

OREGON: Temperatures normal to 4° below normal along coast, 3 to 9° above normal interior. Warmest mid to end of week with readings 100° or greater southwest interior, few locations east. Slight amounts of precipitation fell along coast. Early in week, isolated thunderstorms left 0.33 to 0.50 in. northeast mountains; otherwise, dry.

Soil moisture 90% short, 10% adequate. Barley 78% harvested, 77% 1985. Grain harvest continued with good weather. Some areas nearly finished. Grass seed harvest winding down Willamette Valley, central area. Some growers picked up grass seed residues for hay. Third cutting alfalfa hay underway Willamette Valley, some east. Central region peppermint harvest continued. Malheur County mint harvest completed. Sugarbeets look good. Bartlett pear harvest began Hood River, Medford; to start 15th Willamette Valley. Early apple harvest started southern Willamette Valley, Douglas County, good fruit quality; heavy apple set Curry County, some apple maggot concerns that area. Fourth codling moth spray on apples Milton-Freewater. Late Italian prune harvest this week Milton-Freewater. Early peach harvest complete Douglas County, nearly so Washington County. Marionberry, boysenberry, blueberry harvests virtually over western areas. Evergreen blackberry harvest continued. Red raspberries pruned Willamette Valley. Sweet corn harvest most areas of State. Walla Walla sweet onion harvest complete Milton-Freewater. Fresh pack, early market onion harvest started Malheur County. Snap bean harvest nearly finished Willamette Valley. Potato harvest underway Morrow County; Klamath County growers sprayed for blight, aphids. Carrot seed planting for next year's crop continued central. Livestock condition mostly good. Few early sales for August, September delivery. Pasture production at zero except where irrigated west. Unusually warm weather drying up higher elevation ranges east. Fire potential high throughout east. Fires reported many areas; range fires burned 40 to 50,000 acres Lake County. Due to cool July less grasshopper problem than expected.

PENNSYLVANIA: Near normal weather week. Scattered thunderstorms occurred over many areas. Average temperature 71°, normal 71°. Temperature extremes 47°, 90°. Average precipitation 0.70 in., 0.15 in. below normal.

Days suitable for fieldwork 4.0. Soil moisture 15% short, 65% adequate, 20% surplus. Corn 8% pre-silk, 65% silked, 23% dough, 4% dented; 1985 78% silk, 22% dough; avg. 4% pre-silk, 76% silk, 20% dough. Corn 3% very poor, 5% poor, 14% fair, 48% good, 30% excellent. Soybean 1% very poor, 4% poor, 17% fair, 53% good, 25% excellent. Wheat harvest 95% complete; 98% 1985. Oat harvest 77% complete; 76% 1985. Barley harvest 99% complete; 100% 1985. Potato harvest 20% complete; 26% 1985. Second cutting alfalfa 87% complete; 91% 1985. Third cutting alfalfa 37% complete; 38% 1985. Second cutting clover-timothy 62% complete; 58% 1985. Quality of hay made fair to good. Amount of feed being obtained from pastures average to below average. Apple harvest 12% complete; 12% 1985. Peach harvest 43% complete; 54% 1985. Activities: Making hay, haylage; clipping pastures; harvesting barley, wheat, oats, cherries, peaches, apples, potatoes, other vegetables.

PUERTO RICO: Island average rainfall 0.78 in. or 0.68 in. below normal. Highest weekly total 2.73 in. Highest 24-hour total 1.80 in. Temperature averaged about 82 to 83° on coasts, 76° interior divisions. Mean station temperature ranged from 68 to 84°. Extremes 57°; 94°. San Juan WSFO mean temperature 82°. Total rainfall 0.52 in., plus 0.75.

SOUTH CAROLINA: Temperatures averaged near seasonal levels. Highs 90s, lows mid-70s. Moisture, moderate temperatures increased crop diseases. Rainfall adequate. Amounts from 4 to less than 0.10 in.

Days available for fieldwork 5.6. Soil moisture 64% very short, 26% short,10% adequate. Cotton squaring 100%; setting bolls 89%, 98% 1985, 98% avg.; 53% very poor, 36% poor, 11% fair. Soybeans blooming 47%, 67% 1985, 59% avg.; 20% setting pods, 25% 1985, 22% avg.; 30% very poor, 38% poor, 23% fair, 9%good. Tobacco poor to fair; 100% topped; 50% harvested, 48% 1985, 59% avg.; 2% stalks destroyed 1% 1985. Corn poor; 95% dough stage, 98% 1985, 92% avg.; 70% mature, 73% 1985, 60% avg.; 17% harvested, 11% 1985, 8% avg. Peanuts poor. Peaches, apples fair. Pastures poor, hay poor.

SOUTH DAKOTA: Average temperatures 3° below normal. Extremes 44°; 95°. Precipitation scattered.

Days suitable for fieldwork 5.4. Topsoil moisture adequate to short east, short west; 4% critically short, 40% short, 52% adequate, 4% surplus. Small grain harvest slowed by rain, high humidity, heavy dew. Crops mostly good. Range, pastures, livestock good to excellent. Feed, stockwater supplies adequate.

TENNESSEE: Temperatures returned to normal. Widely scattered thunderstorms throughout State.

Days suitable for fieldwork 6.0. Soil moisture 41% very short, 58% short, 1% adequate. Corn 85% dough, 80% 1985, 80% avg.; 50% dented, 45% 1985, 35% avg.; 15% mature, 9% 1985, 5% avg.; 12% very poor, 25% poor, 54% fair, 9% good. Cotton 100% squaring, 100% 1985, 100% avg.; 95% setting bolls, 96% 1985, 89% avg.; 2% open bolls, 2% 1985, 2% avg.; 3% very poor, 5% poor, 45% fair, 47% good. Sorghum 90% headed, 85% 1985; 50% turning color, 40% 1985; 6% very poor, 15% poor, 77% fair, 2% good. Soybeans 65% blooming, 70% 1985, 70% avg.; 35% setting pods, 35% 1985, 25% avg.; 7% very poor, 29% poor, 62% fair, 2% good. Tobacco 45% topped, 70% 1985. Burley 7% harvested, 8% 1985, 7% avg.; dark fired 8% harvested, 2% 1985, 7% avg.; dark air-cured 9% harvested, 2% 1985, 8% avg.; 17% very poor, 41% poor, 41% fair, 1% good. Cattle fair to poor. Pastures mostly poor to very poor.

TEXAS: Coastal showers numerous during week, tropical wave brushed Lower Rio Grande Valley and brought soaking rains to area. Last part week turned dry far south. Temperatures lagged below normal. Greatest departures from normal southern High Plains, Northern Low Plains. Weather systems north nudged cool air into Panhandle, did not allow temperatures to rise much during day. Temperatures normal far west to west central.

Crops: Corn excellent progress irrigated fields Plains. Dryland fields stressing. Harvesting continued Blacklands, central, south, Upper Coast. Yields moderate. Harvesting progressing Valley until showers delayed activities. Mature 65%, 50% 1985. Harvested 54%, 12% 1985, 22% avg. Grain sorghum harvest moving into Cross-Timbers, Low Plains. Yields fair. Harvest continued central, eastern portions State. Yields fair to good. Rain delayed harvest Upper Coast. Many dryland fields burning High Plains. Turning color 63%, 68% 1985, 66% avg. Mature 58%, 52% 1985, 54% avg. Harvested 50%, 42% 1985, 48% avg. Rain helped cotton fields Plains; most dryland fields need additional moisture. Irrigated fields making good progress. Some spraying occurring. Producers getting ready to defoliate Blacklands. Outlook only fair. Rain delayed harvest Coastal Bend, Valley, Upper Coast. Rain on open cotton could hurt yields. Open bolls 10%, 9% 1985, 9% avg. Harvested 7%, 4% 1985, 3% avg. Rice harvest reached peak last week along Upper Coast. Yields remaining good. Harvested 44%, 18% 1985, 42% avg. Rain helped peanut fields Cross-Timbers, more moisture needed. Fields pegging, blooming. Irrigation remains steady. South central growth on dryland fields slow. Irrigation constant. Disease pressures decreased. Soybean fields Upper Coast could use additional moisture for increased growth. Later stands thin. High Plains, irrigated fields making good progress.

Commercial Vegetables: Rio Grande Valley, recent rain help planting moisture. Land preparation continued. Tomato transplanting continued. East, watermelon harvest active. Dry weather hurt many vegetable crops, could hurt remaining watermelons. Sweetpotato harvest delayed by hot weather, operations should begin next week. High Plains, onion harvest about complete. Potato harvest winding down. Other vegetables make good progress.Trans-Pecos, cantaloup harvest continued. Tomato harvest near. Pecan trees suffering hot temperatures, dry weather most areas. Considerable nut drop occurred. Most aphid problems decreasing, still remain some areas.

Range and Livestock: Limited rainfall last week did little to improve dry conditions. Grazing, hay making remain light. Range fires problem some areas. Livestock condition not improving, holding steady under some supplement feeding. Sheep continued suffer from internal parasites. Cattle markets steady.

UTAH: Temperatures 3 to 4° above normal north, 4 to 5° above normal south. Precipitation light.

Days suitable for fieldwork 6.7. Topsoil moisture 59% short, 41% adequate. Winter wheat 71% harvested, 78% 1985, 53% avg.; barley 53% harvested, 57% 1985, 38% avg.; spring wheat 43% harvested, 34% 1985, 20% avg.; oats 23% harvested, 19% 1985, 11% avg.; corn 70% tasseled, 86% 1985, 59% avg.; alfalfa 2nd cutting 84% complete, 88% 1985, 72% avg. Condition: Corn 10% above avg., 73% avg., 17% below avg.; potatoes average ; peaches average; apples, pears below average. Ranges dry, livestock good to excellent.

VIRGINIA: Hot, hazy, humid. Lows 60s, highs 90s. Scattered showers, thunderstorms. Most areas received rain. Range 0.08 to 3.56 in. most 0.75 in. or more.

Days suitable for fieldwork 4.0. Soil moisture 75% short, 25% adequate. Drought continued despite scattered showers. Corn very poor to some poor. Potential alfatoxin problem. Corn 88% in silk or beyond, 91% 1985, 91% avg. Corn 48% in or beyond dough stage, 55% 1985, 44% avg. Corn 30% in or beyond dent stage, 30% 1985, 34% avg. Soybeans poor. Corn earworm control active. Soybeans 56% in or beyond bloom stage, 63% 1985, 60% avg. Soybeans 24% setting pods, 32% 1985, 30% avg. Peanuts good to excellent. Flue-cured tobacco harvest 6% complete, 8% 1985, 21% avg. Condition varies, poor to good. Irrigate where possible. Topping, sucker control on all tobacco types. Peach harvest over half complete, apple harvest beginning stages. Fruit sizing normal to somewhat small. Potato harvest virtually complete. Pasture, hay land still very poor overall with some fair locations now from recent thunderstorms. Many still feeding hay, selling livestock.

WASHINGTON: Hot temperatures prevailed, 2 to 9° above average. Precipitation none.

Days suitable for fieldwork 7.0. Soil moisture 50% short, 50% adequate. Winter wheat, barley mostly good to fair. Potatoes mostly good. Peach harvest continued, pears underway. Apple size, quality good. Hay supplies mostly adequate. Range, pasture 40% short, 60% adequate. Continued grasshopper reports as pastures dry, mostly east.

WEST VIRGINIA: Temperatures averaged 1 to 2° above normal. Temperature extremes 49° Greenbank, 96° Ripley. Average temperature 73°. Precipitation above normal. Average precipitation 1.23 in.

Days suitable for fieldwork 4.8. Soil moisture 34% very short, 36% short, 30% adequate.

WISCONSIN: Temperatures averaged 68°, 2° below normal; low 47, high 87. Rainfall 0.70 to 3.10 in. Heavy rain southeast on 6th, Milwaukee 6.84 in. Days suitable for fieldwork 3.8. Soil moisture 8% short, 65% adequate, 27% surplus. Rain delayed harvest small grains, hay cutting. Crops 5% fair, 70% good, 25% excellent. Corn 7% fair, 39% good, 54% excellent. Corn silked 91%, 78% 1985, 79% avg. Corn in dough 32%, 25% 1985, 23% avg. Second cutting hay 76%, 84% 1985, 68% avg. Quality hurt by rain, yields very good. Third cutting hay 6%, 10% 1985, 2% avg. Leafhoppers causing damage central, south. Oats 53% harvested, 58% 1985, 42% avg. Yield, quality average or above. Winter wheat harvested 82%, 87% 1985, 70% avg. Yields above average. Tobacco being topped, good condition.

WYOMING: Temperatures near normal. Rainfall below normal, except heavy amounts extreme southeast.

Days suitable for fieldwork 7.0. Topsoil moisture 60% short, 40% adequate. Subsoil moisture 34% short, 66% adequate. Winter wheat turning color 5%; mature 10%, 10% 1985; harvested 85%, 90% 1985, 70% avg. Barley headed 5%, 5% 1985; turning color 25%, 15% 1985; mature 35%, 45% 1985; harvested 35%, 35% 1985, 30% avg. Spring wheat turning color 25%, 20% 1985; mature 45%, 35% 1985; harvested 30%, 45% 1985, 25% avg. Oats headed 5%, 10% 1985; turning color 30%, 30% 1985; mature 40%, 35% 1985; harvested 25%, 25% 1985, 10% avg. Potatoes in bloom 85%, 80% 1985. Dry beans in bloom 75%, 65% 1985, 80% avg.; setting pods 70%, 80% 1985. Corn tasseled 90%, 65% 1985, 75% avg.; silked 65%, 60% 1985; milk 10%, 25% 1985. Alfalfa second cutting complete 50%, 40% 1985, 30% avg.

Other hays harvested 75%, 75% 1985, 65% avg. Hail damage none to light. Pastures, ranges fair to good.

International Weather and Crop Summary

August 3 - 9, 1986

HIGHLIGHTS:

UNITED STATES ... Cooler weather and increased rainfall eases crop stress in Delta and Southeastern States. The weather continued mostly favorable for crop development in the corn belt and for harvesting in the Northern Great Plains. Warmer weather after mid week stresses crops in the interior sections of Pacific Northwest.

U.S.S.R. ... In Western U.S.S.R., mostly dry weather allows the harvest pace to increase. In the New Lands, mild, wet weather favors crop development.

EUROPE ... Showers cover the north, but several dry days keep harvest delays to a minimum. Light rain in southwestern France eases persistent dryness, stabilizing conditions for corn in the filling stage. Rain in Romania and Bulgaria benefits filling corn.

SOUTH ASIA ... Beneficial showers continue in northwest India, aiding rice, cotton and groundnuts. Crop areas in southern India and in the northern States remain dry.

EASTERN ASIA ... Showers continue to benefit crops in the North China Plain. Welcomed dryness covers the Manchurian Valley. Shower activity increases in southern China, favoring late double cropped rice entering the heading stage.

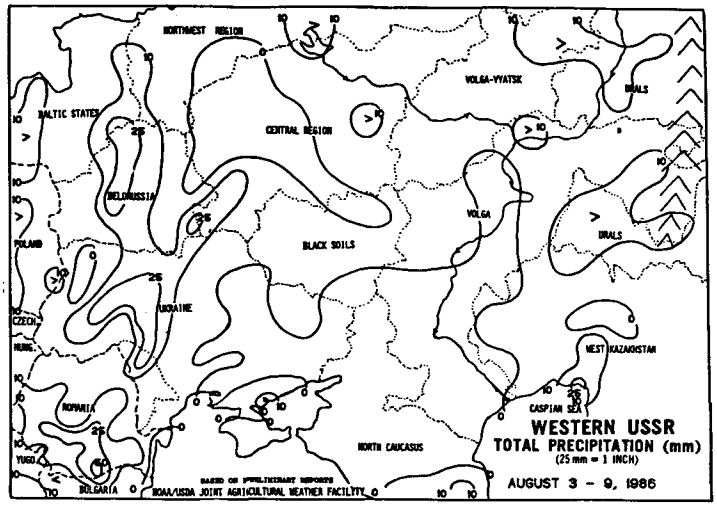
MEXICO ... Mostly light rain occurs throughout the crop areas, favoring early harvesting.

CANADA ... Rain keeps fields moist throughout most of the Prairies with spring grains in the filling stage.

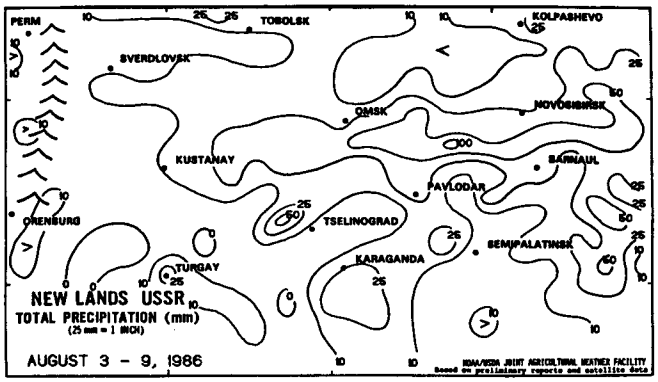
SOUTHEAST ASIA ... Moderate to heavy showers benefit grain-filling corn and upland rice in Thailand.

SOUTH AMERICA ... Locally heavy showers fall in Brazil's southern wheat area. Scattered showers help Argentina's wheat emergence.

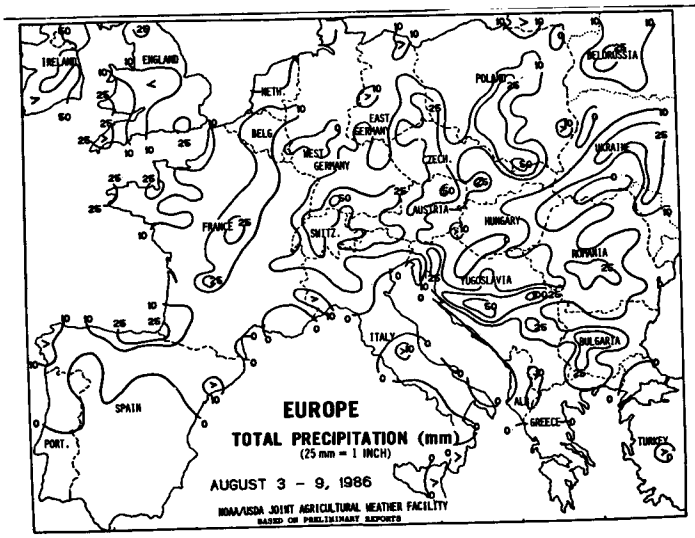
AUSTRALIA ... Rain continues in New South Wales, benefiting wheat's vegetative growth. Dry weather returns to Queensland where soil moisture reserves are unfavorably low for wheat growth.



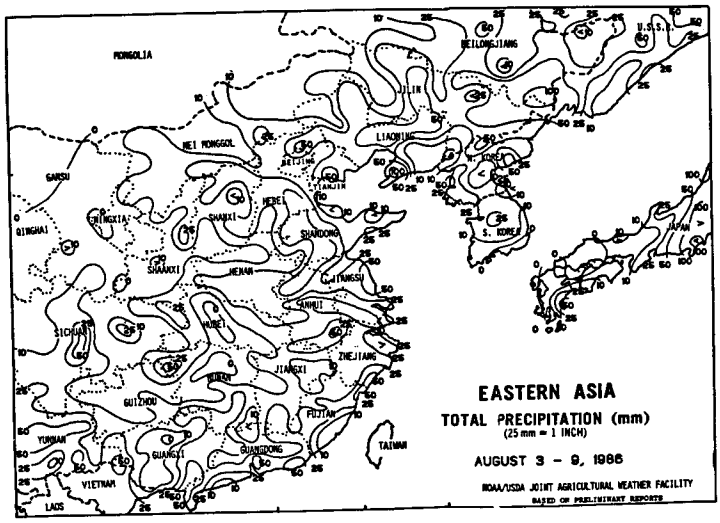
U.S.S.R. ... In Western U.S.S.R., unseasonably warm, dry weather covered much of the region, except for crop areas in the extreme west which received late-week showers. Daytime highs in the north were around 25 degrees C while in the south daily highs were around 30 degrees C. Minimum temperatures ranged from 15 to 20 degrees C in the north and south, respectively. This past week's warm, dry weather favored crop maturation and aided harvesting, but was unfavorable for corn, sunflowers, and sugar beets in the filling stage. Reports, of August 4, indicate the progress of this year's harvest is ahead of last year.



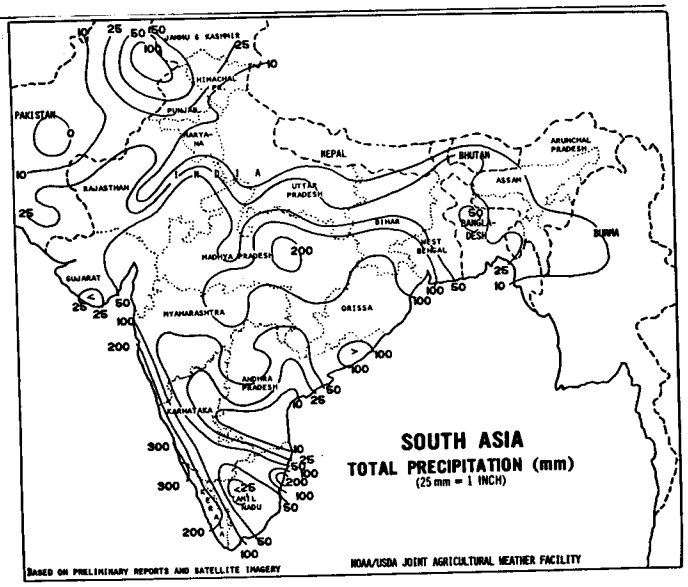
In the New Lands, precipitation increased from west to east. Rainfall amounts ranged from 2 to 15mm in the extreme west, while further east rainfall was higher (15 to 50mm) and more widespread. Highest amounts of rain (25 to 93mm) covered spring grain areas which stretched eastward from Omsk to Barnaul maintaining favorable moisture conditions. Light rain across the south helped to ease persistent dryness, but soil moisture remained limited. The wet weather which has covered central spring wheat areas for the past several weeks has been beneficial, but drier weather is needed to prevent potential declines in crop quality.



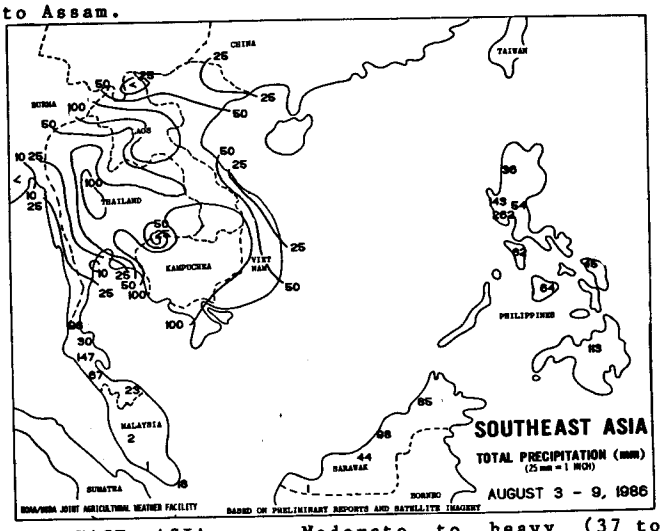
EUROPE ... Light showers covered most of the region. Light rain and cooler weather eased chronic dryness in southwestern France, helping to stabilize conditions for corn in the filling stage. Widespread showers (10 to 25mm) occurred in England, northern France, the Netherlands, Belgium, West Germany, East Germany, Poland, and Czechoslovakia, but several dry days allowed some harvesting. Significant showers (10 to 25mm) in Romania and Bulgaria may have caused some delays in spring grain harvesting, but benefited corn and sunflowers in the filling stage. Mediterranean crop areas were seasonably dry. Weekly temperatures were above normal over much of the region.



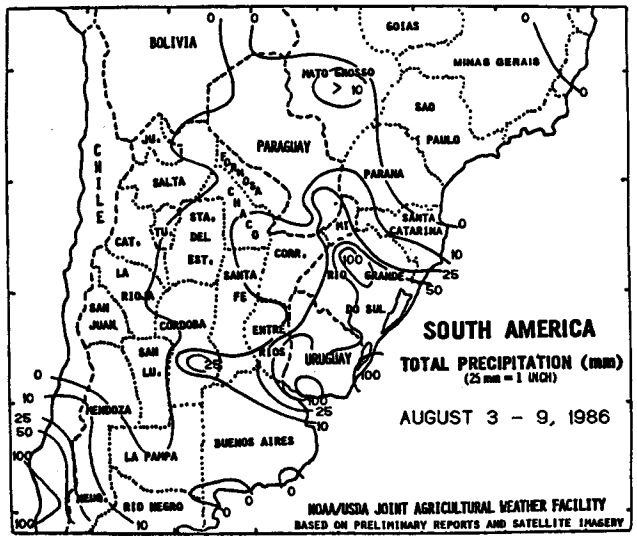
EASTERN ASIA ... Widespread showers continued to benefit crops over much of the North China Plain. Heaviest rainfall covered northern Shanxi, central Hebei, western Shandong, southern Henan, northern Anhui, and Jiangsu, benefiting late corn, late soybeans, and cotton in the filling stage. Drier weather over crop areas in the Manchurian Valley was welcomed, following last week's inundative rains. Below-normal precipitation covered intermediate rice areas in the Yangtze Valley, but moisture conditions were probably adequate for rice in the filling stage. In southern China, showers over Guangxi, Guangdong, Fujian, and Zhejiang may have caused some delays in early rice harvesting but benefited late double-cropped rice entering the heading stage.



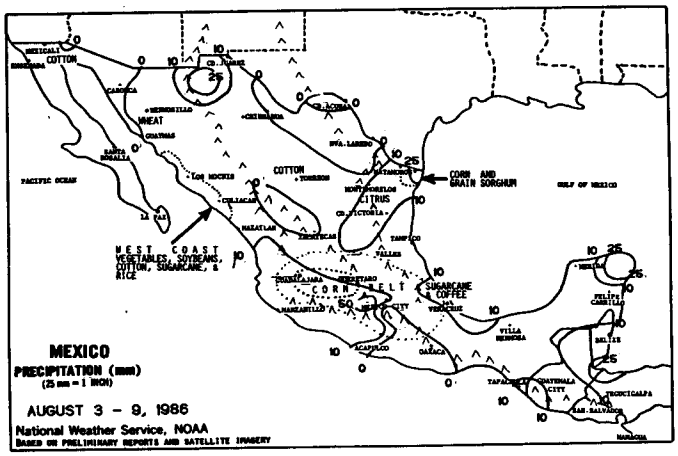
SOUTH ASIA ... Beneficial monsoon showers (19 to 61mm) continued in drought-stricken northwest India, aiding rice and promoting late cotton and groundnut planting and establishment. In Gujarat and Rajasthan rainfall increased from the previous week. In southern India, moderate rain (25 to 50mm) fell in previously dry areas of Tamil Nadu and Karnataka, and to the north in Maharashtra and Andhra Pradesh. However, below normal rainfall (less than 25mm) persisted in drought-affected areas of Andhra Pradesh, Maharashtra, and Karnataka, where cotton, rice, and groundnuts are grown. Moderate to heavy monsoon showers (50 to over 100mm) continued over central India and in the northern states of Haryana and Punjab, benefiting cotton, groundnuts, and rice. Dry weather (less than 25mm) continued in the north, from Uttar Pradesh to Assam.



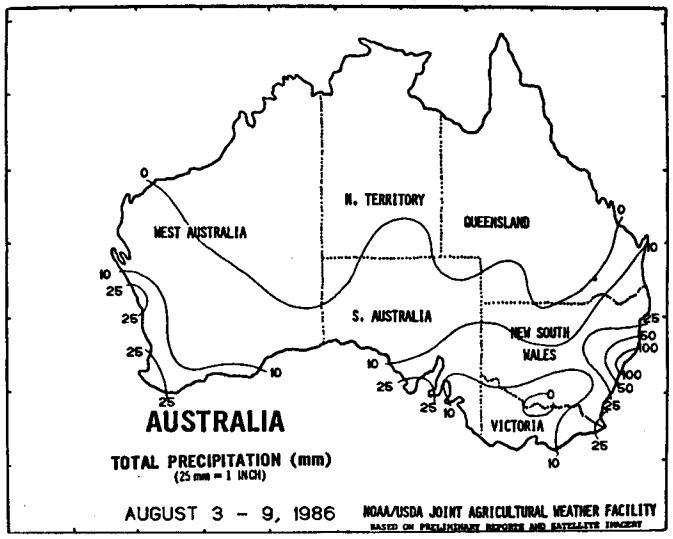
SOUTHEAST ASIA ... Moderate to heavy (37 to 141mm) monsoon showers covered central and eastern Thailand, benefiting upland rice and grain-filling corn. Moisture had been limited throughout Thailand's corn producing region. Heavy rain (greater than 100mm) covered areas of northern Thailand, central and southern Laos and Kampuchea. Lighter rain (less than 50mm) fell in northern Laos and northern Vietnam. Moderate to heavy rain (21 to 97mm) fell along Vietnam's coast. In the Philippines, minimal rain (less than 25mm) fell in northern Luzon. Light to moderate tropical showers covered the southern islands.



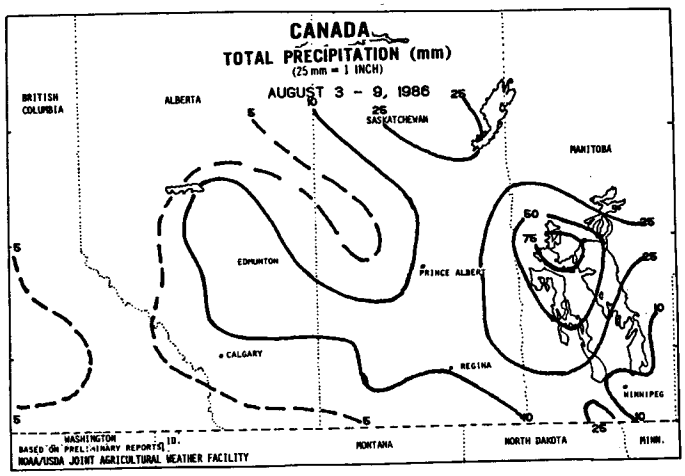
SOUTH AMERICA ... Locally heavy showers and thunderstorms occurred over Rio Grande do Sul, Brazil, and southern Uruguay. Rainfall totals averaged 50 to 125mm in most of these areas, providing abundant moisture for wheat's vegetative growth. Shower activity slackened considerably over the remainder of Brazil's center-south region and Argentina's major crop areas. Dry weather prevailed again in Brazil from northern Parana into the coffee region of Minas Gerais, favoring the crop harvest moisture reserves are low in this region. In Argentina, scattered showers (10 to 35mm) provided some beneficial moisture for wheat growth in southern portions of Cordoba and Santa Fe, and northeastern Buenos Aires. Most other wheat areas received less than 5mm of rainfall. Argentina's wheat planting is over 65 percent complete. Mild weather continued throughout the entire region with weekly mean temperatures generally averaging 1 to 5 degrees C above normal.



MEXICO ... Mostly light rain fell throughout Mexico. Substantial showers (10 to 50mm) fell in western portions of the Southern Plateau corn belt but even those amounts were generally below normal for the week. Weekly rainfall totals were mostly 5mm or less in other crop areas except for the northeast, where 10 to over 25mm of rain slowed grain and vegetable harvesting. Mostly dry weather favored early harvesting of cotton and corn in north-central crop areas. The light showers along the west coast farming region provided minimal benefit for crop development. Temperatures were mostly near to slightly above normal in most areas.



AUSTRALIA ... Light to moderate showers (4 to 31mm) continued in crop areas of New South Wales, improving soil moisture reserves and promoting establishment and vegetative growth of recently planted wheat. However, dry weather returned to Queensland. Rainfall in eastern Australia in recent weeks has improved crop conditions in New South Wales but has not extended into Queensland, where soil moisture reserves continue to be unfavorable for wheat growth. Light to moderate rain (1 to 18mm) fell in wheat areas of South Australia, Victoria, and Western Australia, with heavier amounts falling along Australia's west coast. Soil moisture is good in the western and southern wheat belts for vegetative growth.



CANADA ... Some rain fell over the Prairie grain belt. The heaviest rain (25 to 75mm) fell in Manitoba's central and northern crop areas. A broad area of 10 to 25mm of weekly rainfall extended from southern Manitoba to central Saskatchewan and much of Alberta. Ample moisture is available for spring wheat, mostly in the grain filling period, and podding oilseeds. Light rain (less than 10mm) fell in the southwestern Prairies where moisture has been limited throughout much of the season. Overall, crop conditions are rated good to excellent. Some areas of central Alberta and central Manitoba have reported excessive moisture. Drier weather would be beneficial for maturing crops.

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National Oceanic and Atmospheric Administration
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Meteorologists . . . . . Tom Heddinghaus
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