

# WEEKLY WEATHER AND CROP BULLETIN

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

U.S. DEPARTMENT OF AGRICULTURE  
Statistical Reporting Service  
and World Agricultural Outlook Board

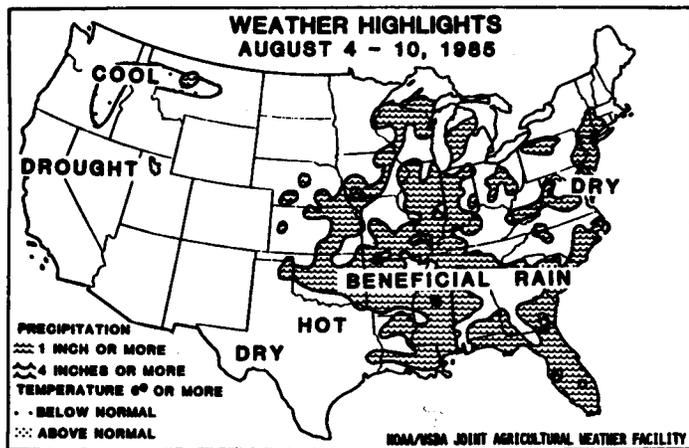
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Aug. 13, 1985

## National Weather Summary

August 4 - 11



WEDNESDAY...The widespread showers and thunderstorms moved eastward to the area from the lower Mississippi Delta through the eastern Great Lakes region and to the east coast. Severe storms erupted along the gulf coast and from eastern West Virginia into Pennsylvania. Other isolated storms were in the High Plains and through South Dakota.

THURSDAY...The widespread showers and thunderstorms moved through the East Coast States with the heaviest rainfall along the coastal region from New Jersey southward and along the eastern gulf coast. Thunderstorms were widely scattered through the Rockies and the central and northern Plains.

FRIDAY...One area of showers and thunderstorms moved through the Southeast into the Atlantic ocean and another developed from the southern Rockies to the western Great Lakes and northern Plains. Moderate to heavy thunderstorms rumbled through an area from eastern Kansas to Wisconsin. Cooler air pushed into parts of the northern High Plains.

SATURDAY...Thundershowers lingered over Florida and the southeastern coast. Showers and thunderstorms were generally light from New Mexico through the upper Mississippi Delta to the eastern Great Lakes and western New York. Thunderstorms produced occasionally heavy rain in the northern Rockies and lighter amounts in the northern Plains. Morning temperatures were in the forties through the northern Plains.

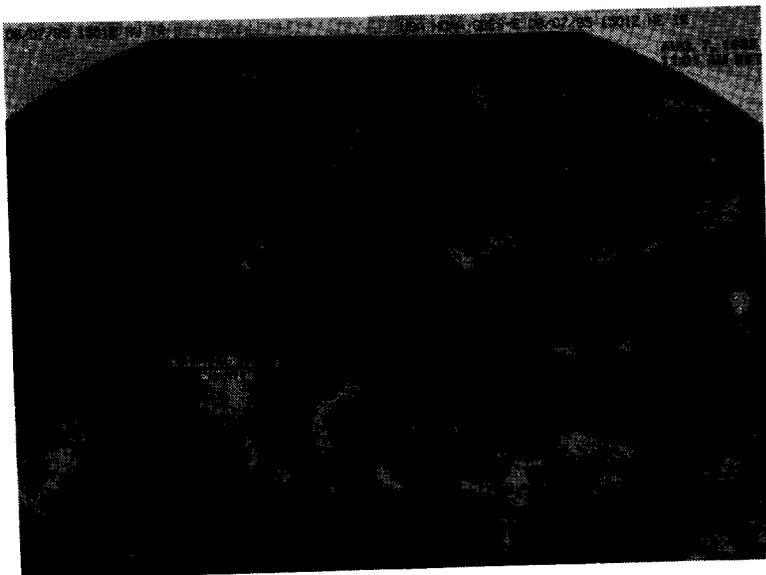
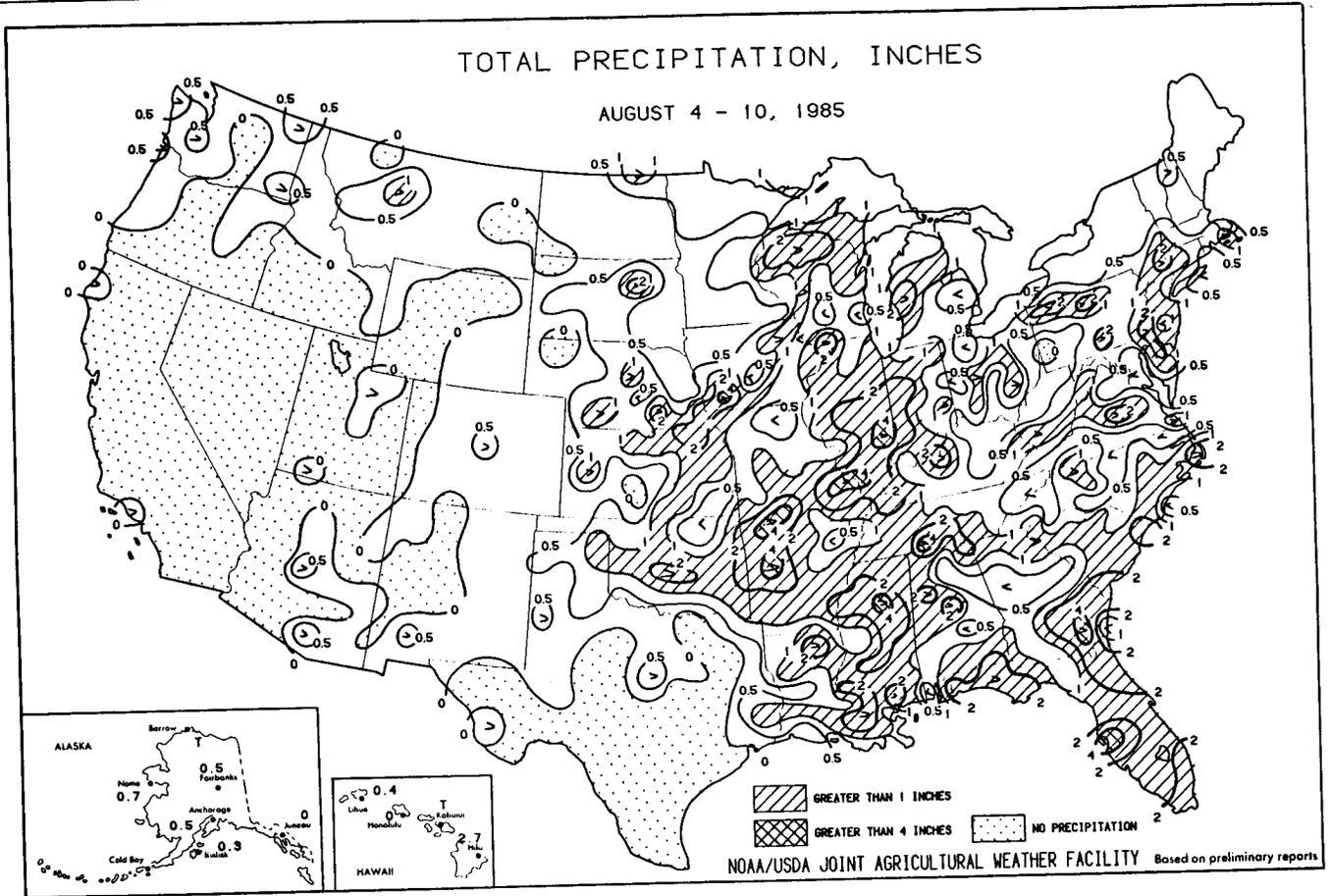
**HIGHLIGHTS:** Beneficial rain fell in most of the Corn Belt with the heaviest amounts falling in Illinois and Indiana. Very helpful rain fell from southeastern New York through New Jersey into Delaware, but the very dry areas in eastern Maryland and Virginia and southern Virginia had very little rain. Pacific storms moving into the Northwest brought some rain to the area, but little or no rain fell east of the Rockies. Maximum were over 100 degrees through much of the southern Plains and in western Nebraska and South Dakota. Late in the week, low temperatures in the forties covered the northern Plains.

**SUNDAY...**Unusually cool weather prevailed over most of the east coast. Showers and thunderstorms developed from northeastern New Mexico to the central Great Lakes region and the gulf coast. Showers fell in the northern Rockies, the northern Plains, and in southern Canada. Heavy rain fell from northwestern Arkansas to southwestern Michigan.

**MONDAY...**Cool weather pushed southward along the east coast into Florida. Showers and thunderstorms were widespread from the lower Mississippi Valley through the Tennessee and Ohio Valleys to the Great Lakes region. Thundershowers were more isolated in Florida, Oklahoma, Nebraska, and in southern Montana.

**TUESDAY...**Heavy thunderstorms developed in the central Plains. Widespread but generally lighter storms prevailed throughout the Mississippi Valley through the Great Lakes region, and to the southern Appalachians and Florida. Light to moderate rain fell along the Northwest Coast.

Contents	Page
National Weather Summary . . . . .	1
Precipitation & North American Satellite Photo . . . . .	2
Pan Evaporation & Extreme Maximum Temperature . . . . .	3
Crop Moisture & Crop Moisture Index . . . . .	4
Drought Severity & Drought Severity Index . . . . .	5
Precipitation Needed to End Drought . . . . .	6
Average Temperature & Departure . . . . .	7
Corn Growing Degree Days & Departure . . . . .	8
Weather Data for Selected Cities . . . . .	9
Cooling Degree Days Maps . . . . .	13
Cooling Degree Days Table . . . . .	12
National Agricultural Summary . . . . .	14
Crop Progress Tables . . . . .	15
State Summaries of Weather & Agriculture & Crop Production Highlights . . . . .	16
Global Weather Satellite Photo . . . . .	23
International Weather & Crop Summary with July Weather Maps . . . . .	24
Subscription & Mailing Permit Information . . . . .	36

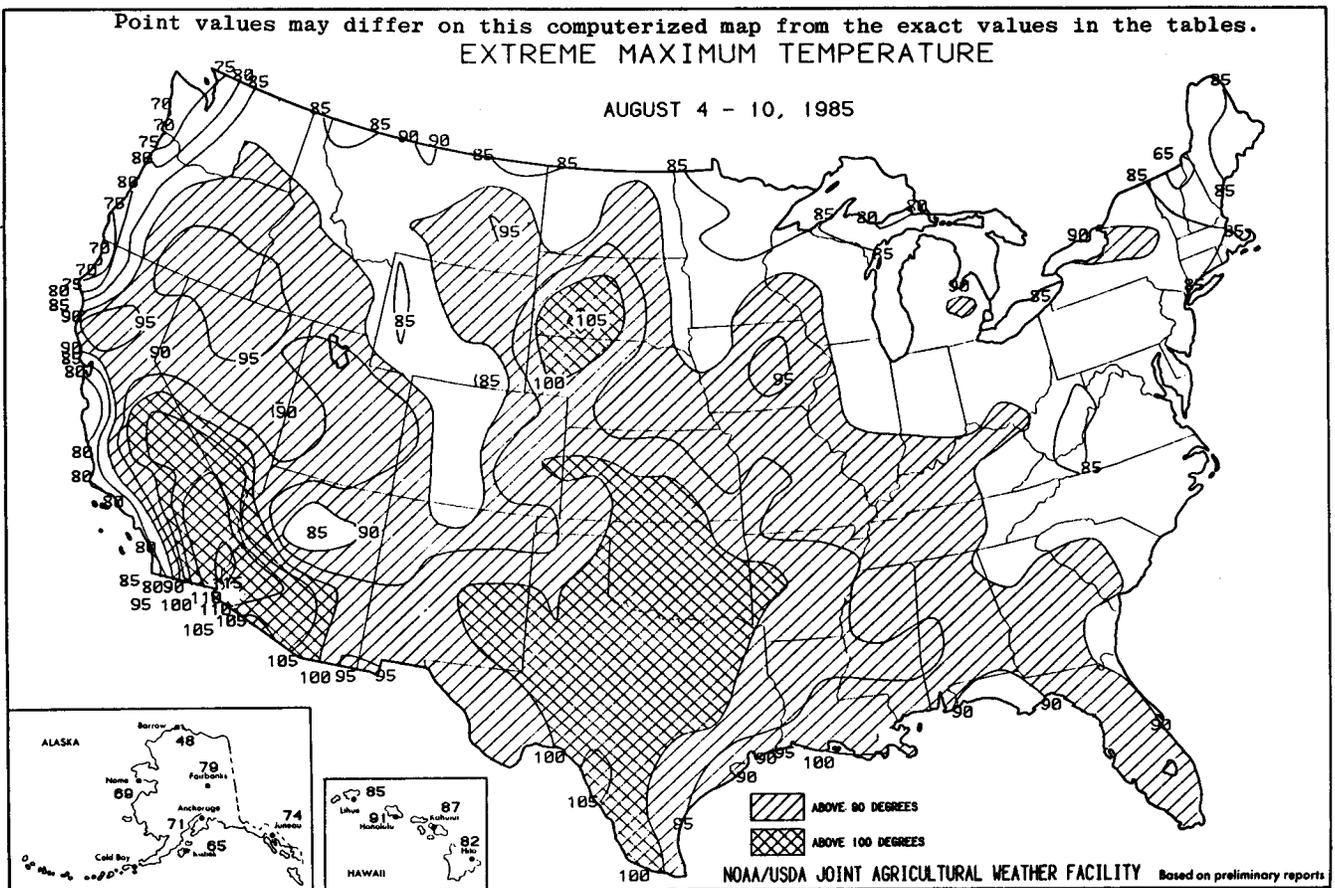
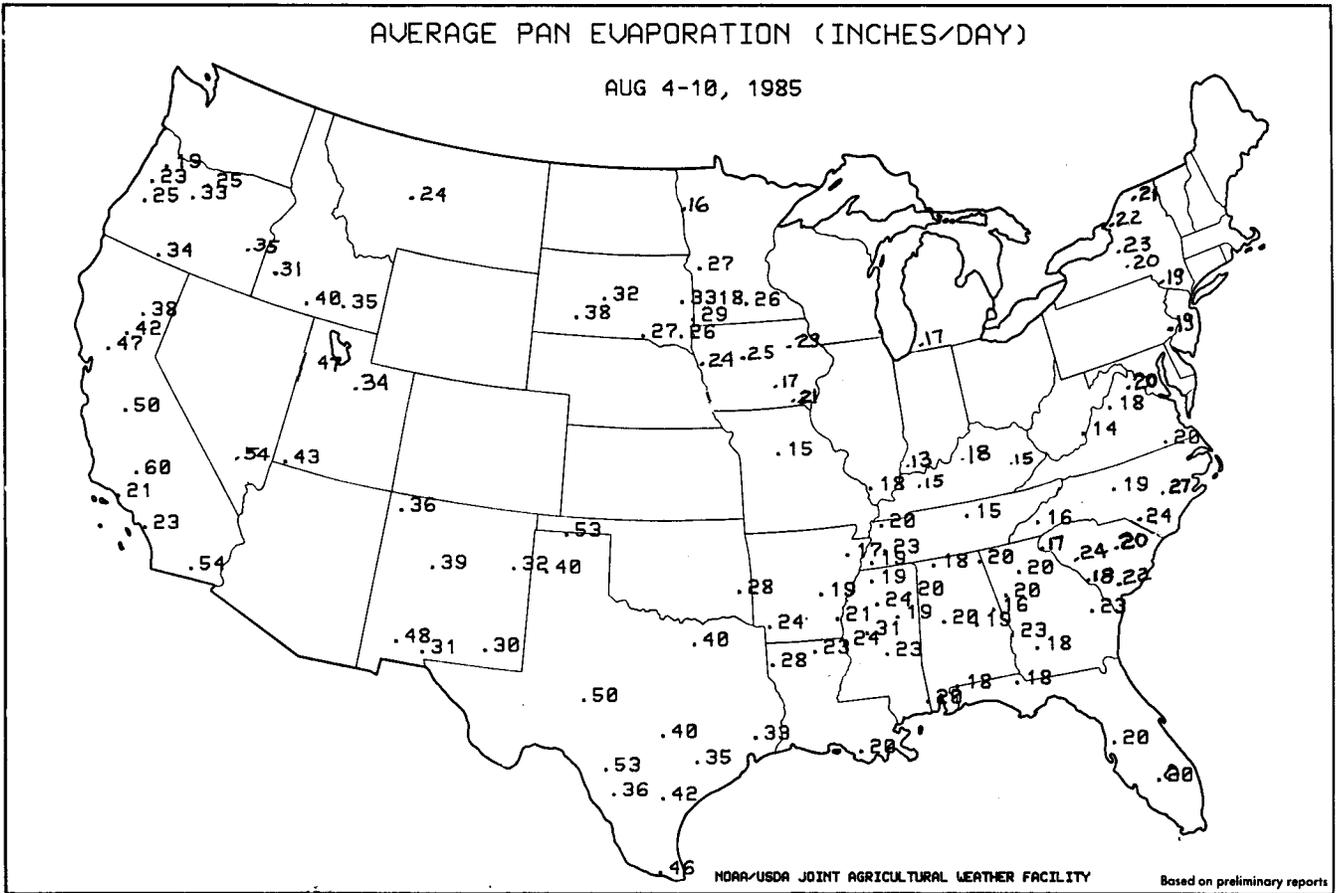


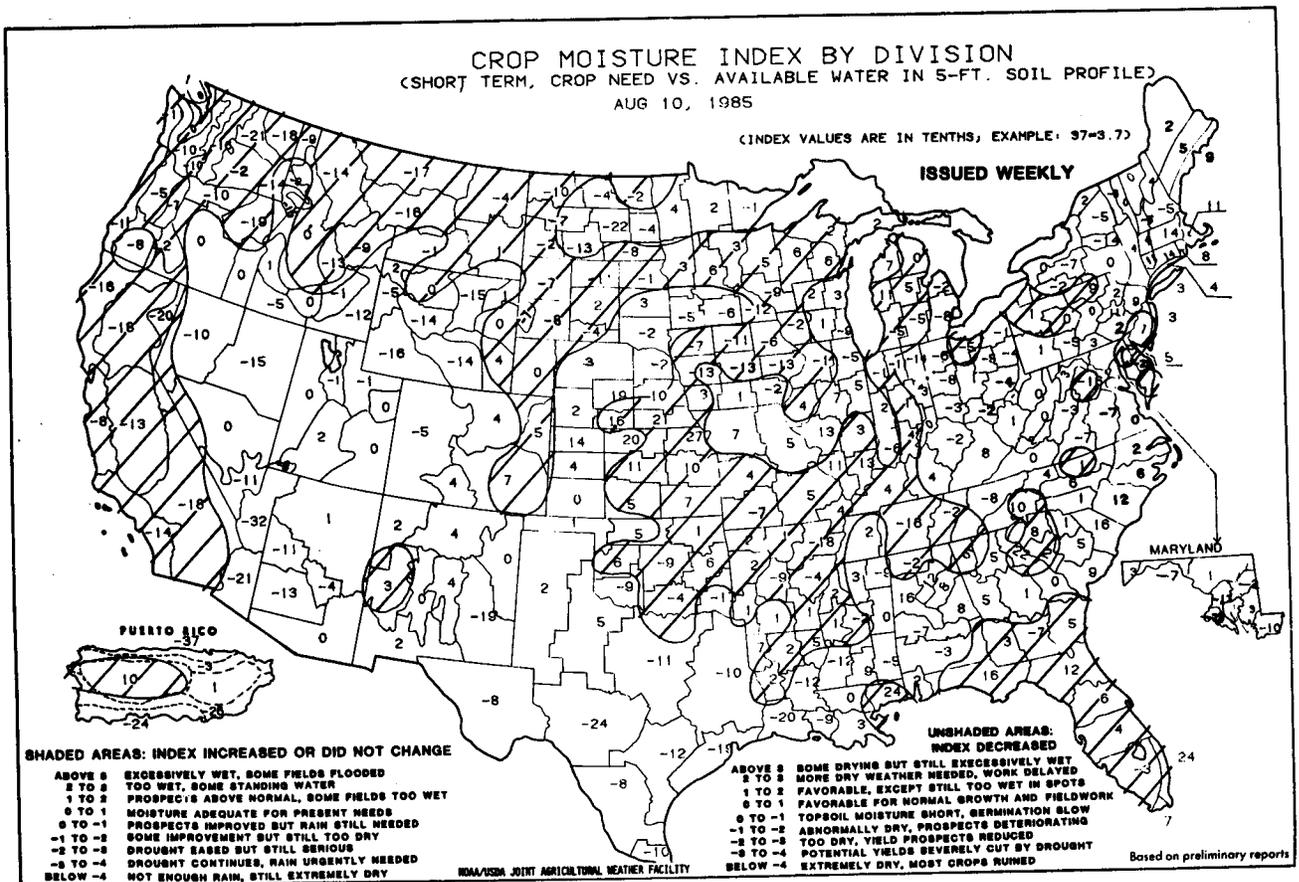
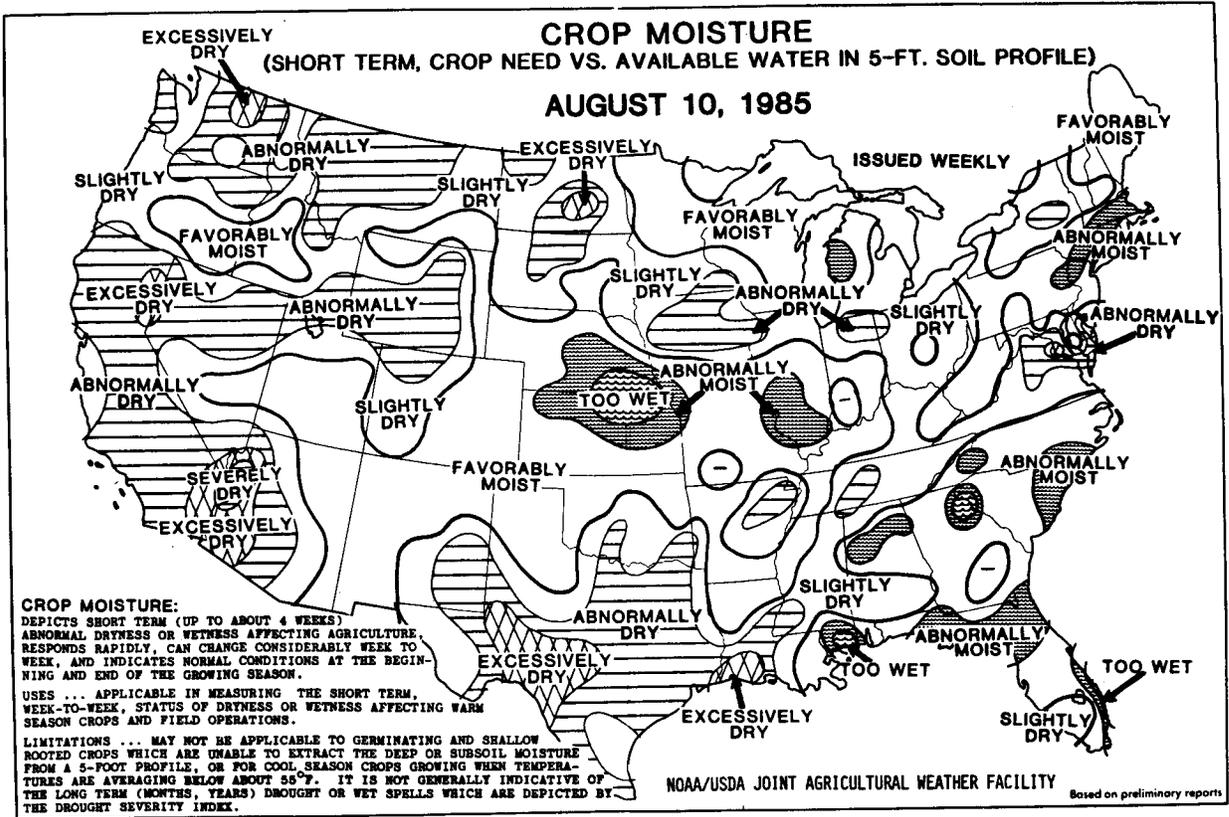
COOL AIR INVADES THE NORTHERN AND CENTRAL PLAINS BEHIND A COLD FRONT WHILE WARM, MOIST TROPICAL AIR COVERS THE SOUTH AND EASTERN UNITED STATES AHEAD OF THE COLD FRONT.

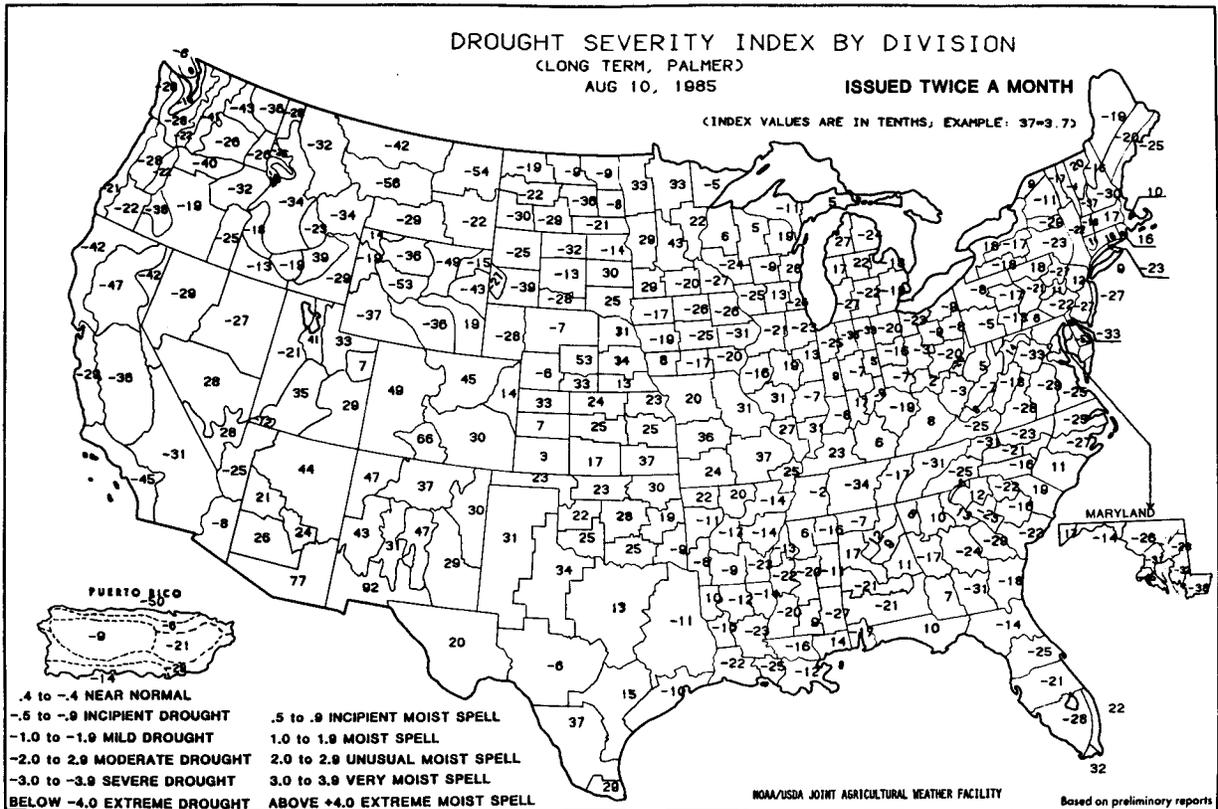
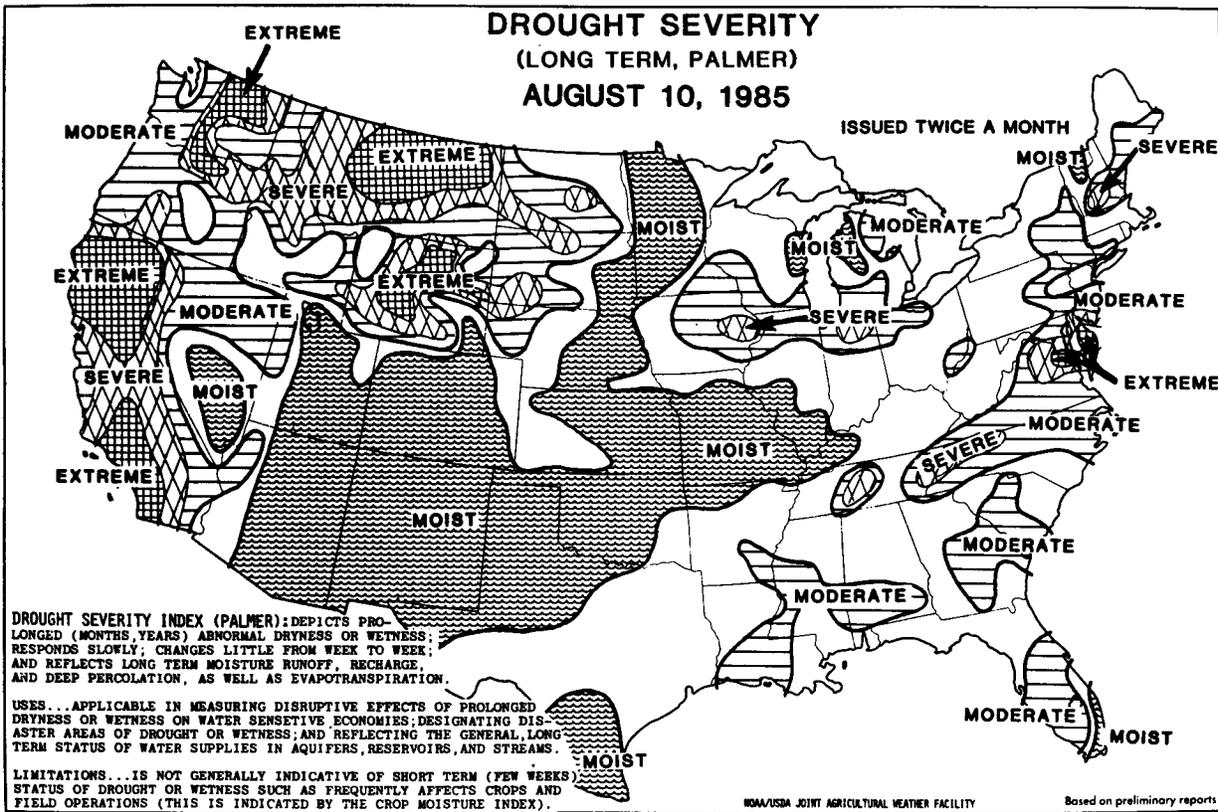
A LOW PRESSURE CENTER OFF THE GULF COAST IS TRIGGERING SHOWERS AND THUNDERSTORMS ALL ALONG THE EASTERN GULF COAST.

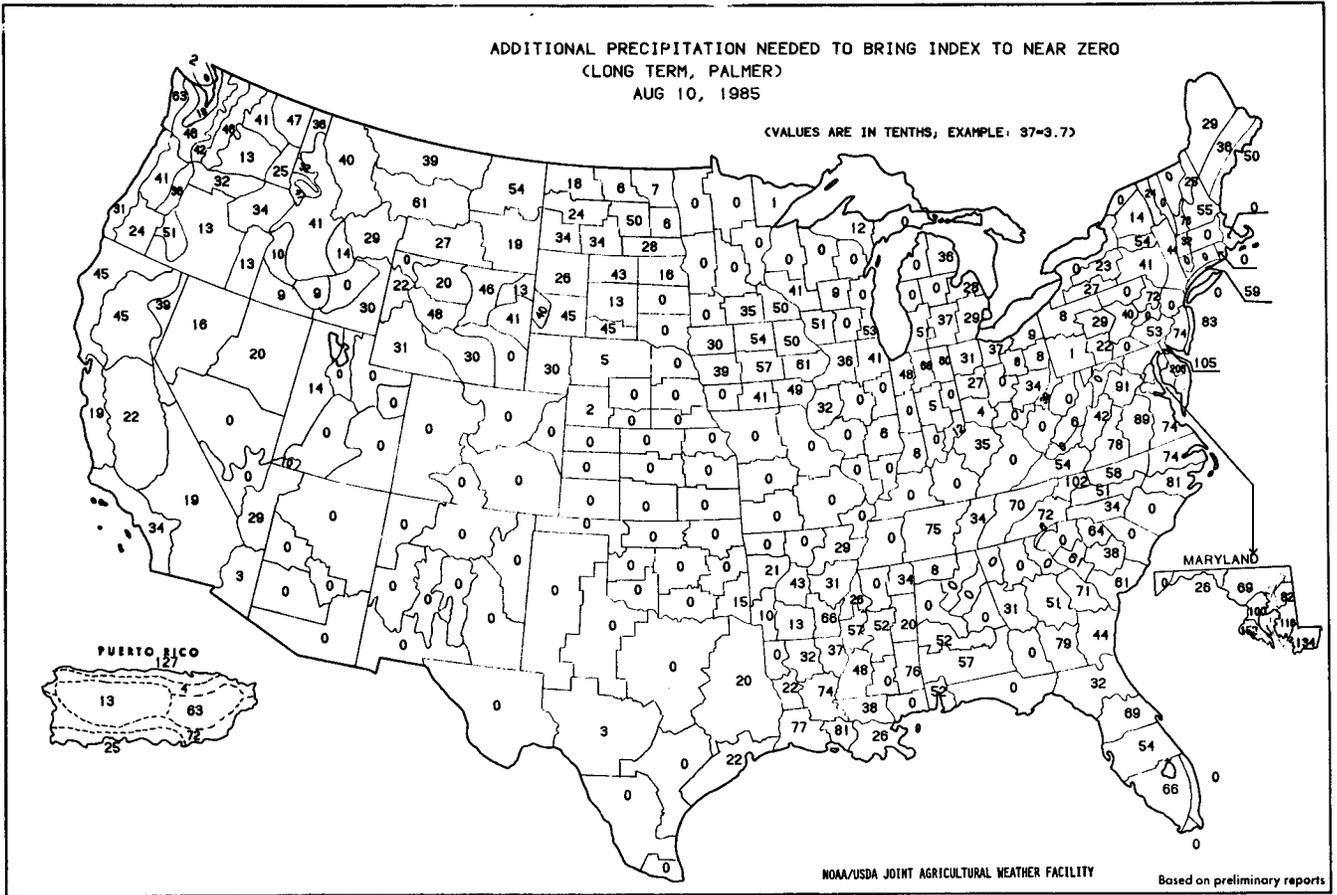
TROPICAL STORM MARTY, IN THE PACIFIC OCEAN, HAS MEASURED WINDS AT 35 TO 45K. WIND SPEEDS ARE EXPECTED TO INCREASE RAPIDLY AS THE STORM MOVES WEST-NORTHWESTWARD.

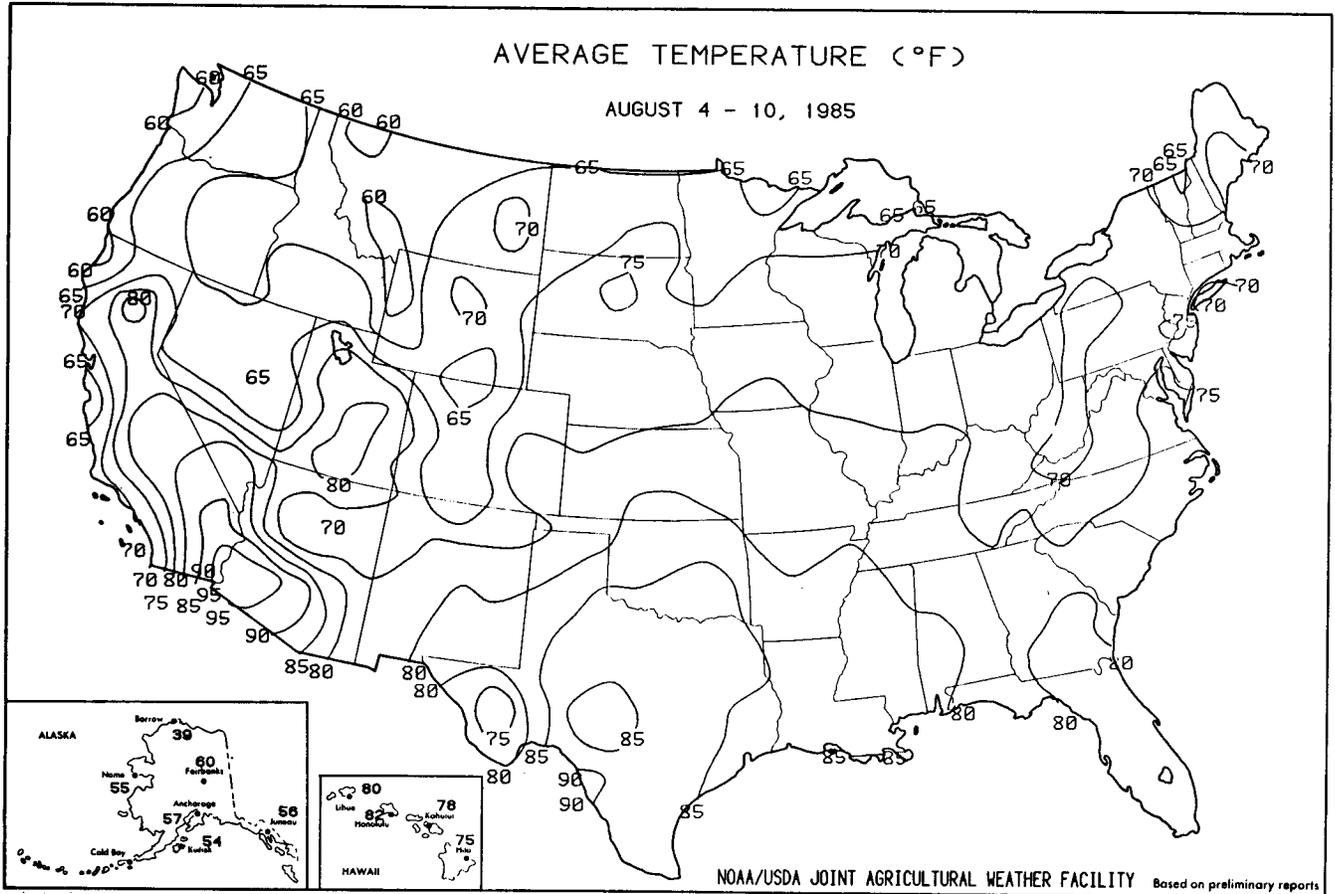
- \* SNOW
- RAIN
- RAINSHOWERS
- ▽ THUNDERSTORMS
- ⊙ PRECIPITATION AREAS



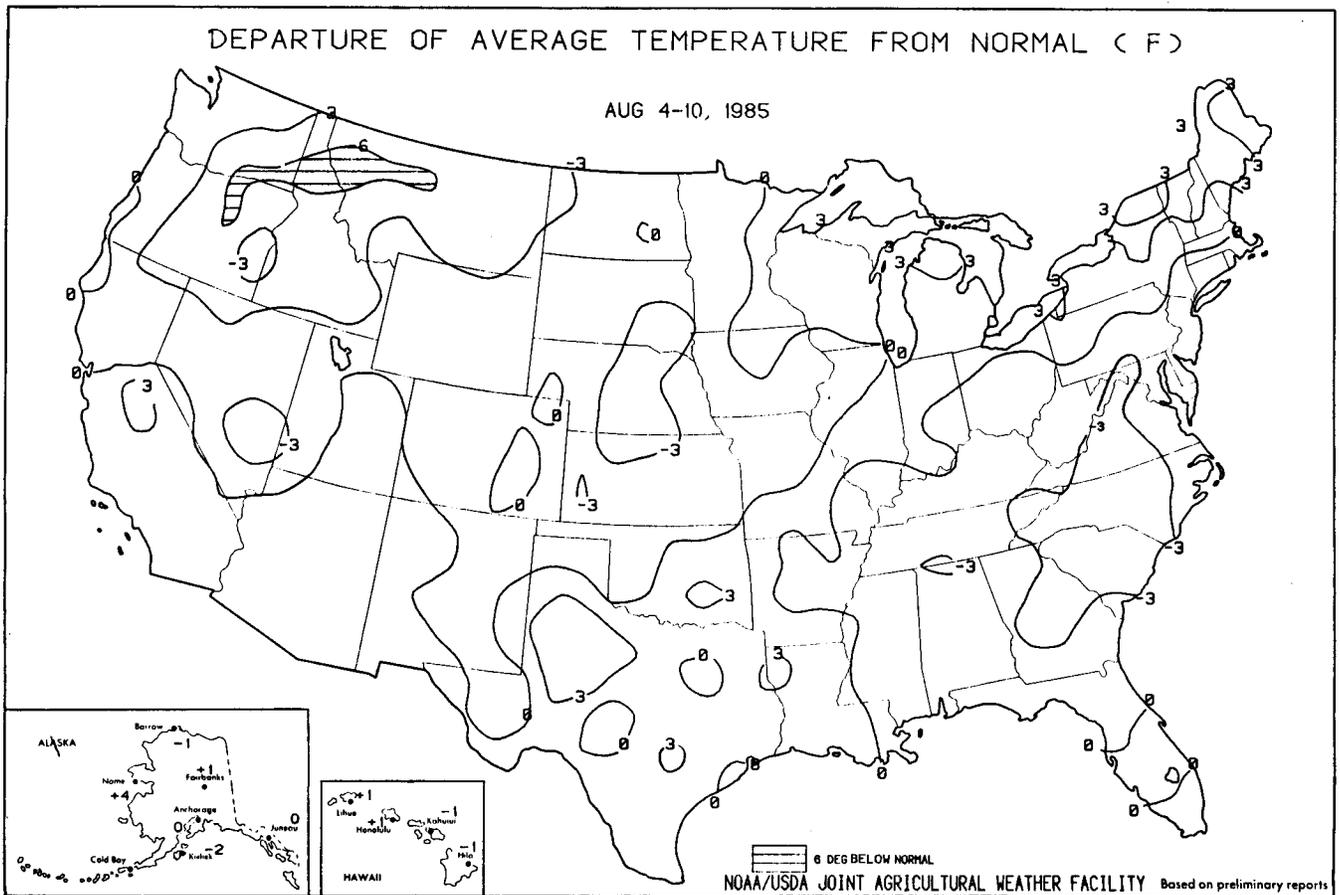


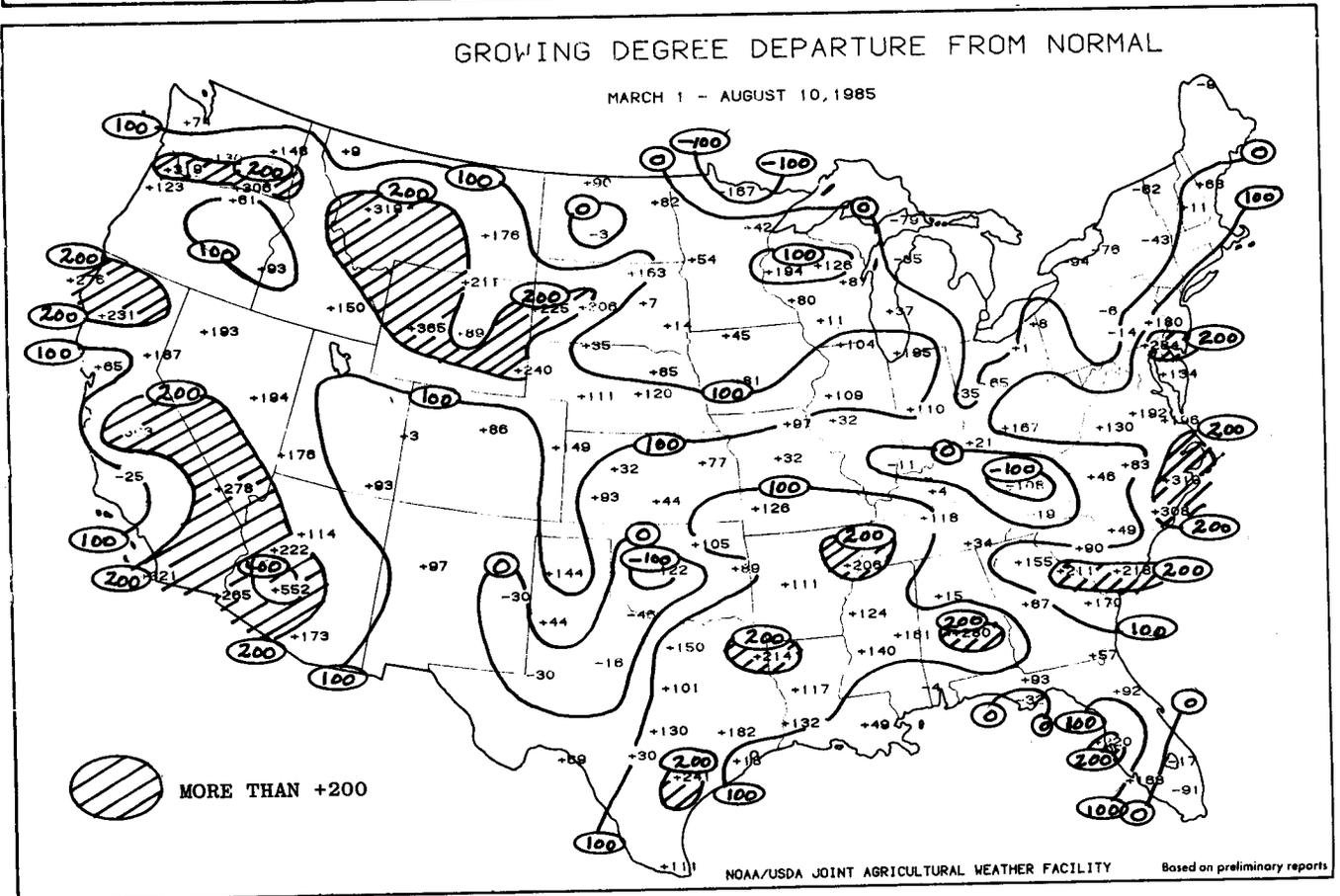
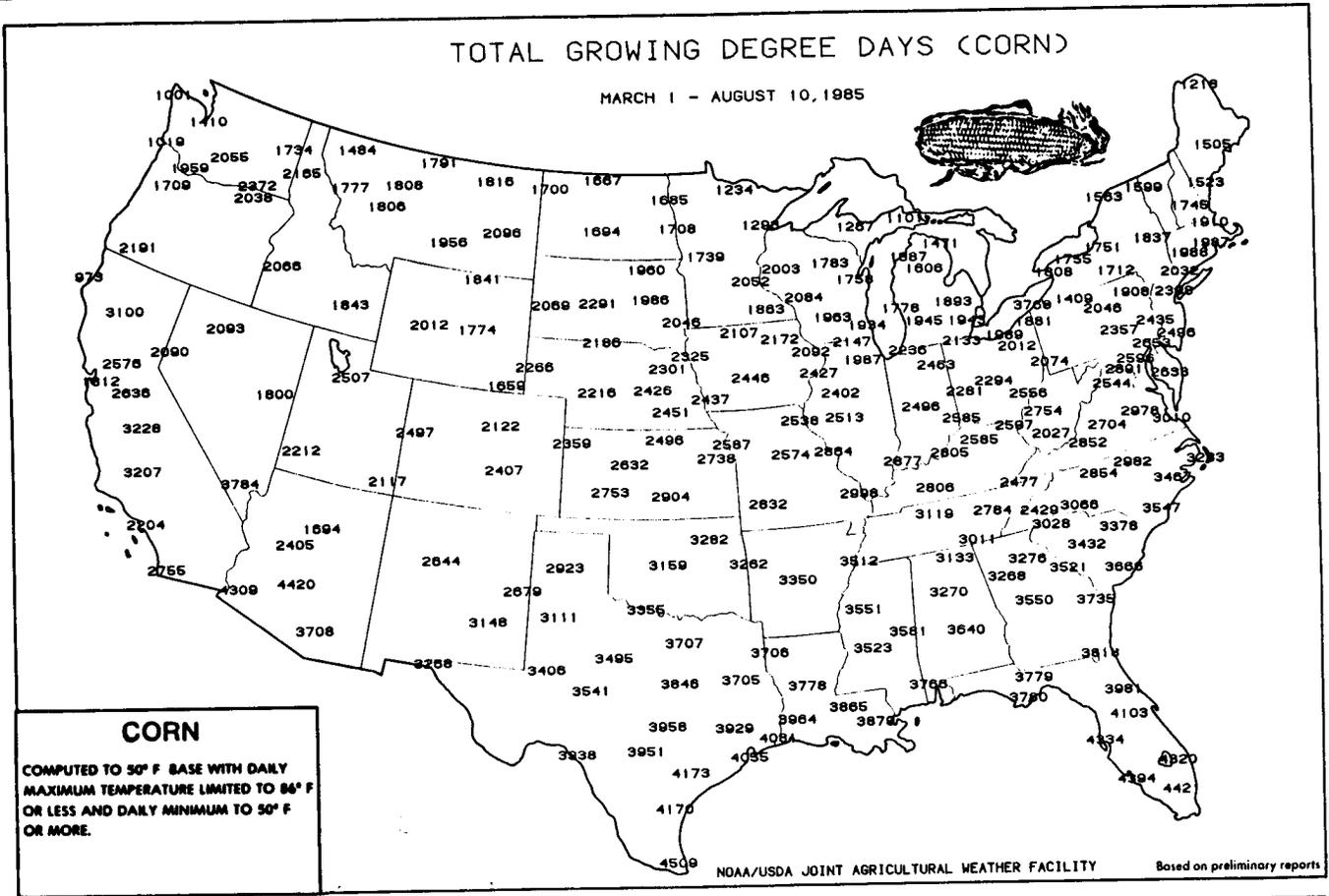






Point values may differ on these computerized maps from the exact values in the tables.





Weather Data for the Week Ending August 10, 1985

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE JUN 1	PCT. NORMAL SINCE JUN 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERA- TURE		PRECIPI- TATION	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	87	70	94	67	79	-1	T	-9	T	15.7	152	33.7	92	92	61	2	0	1	0
MOBILE	90	71	95	69	81	-1	.1	-1.4	.1	12.5	83	36.5	87	87	51	4	0	1	0
MONTGOMERY	90	70	93	65	80	-2	.2	-5	.1	9.2	100	29.6	92	94	54	3	0	2	0
AK ANCHORAGE	64	51	71	47	57	0	.5	.1	.2	2.5	69	6.8	93	87	49	0	0	5	0
BARROW	42	35	48	31	39	-1	T	-2	T	1.4	87	1.9	76	96	80	0	1	1	0
FAIRBANKS	72	49	79	38	60	1	.5	0	.2	3.4	92	5.7	97	89	35	0	0	3	0
JUNEAU	63	49	74	47	56	0	.6	-5	.3	9.0	105	18.4	74	96	59	0	0	6	0
KODIAK	61	46	65	42	54	-2	.3	-8	.2	17.4	197	45.1	113	95	66	0	0	4	0
NOME	60	49	69	45	55	4	.7	0	.2	3.3	75	7.1	95	98	75	0	0	6	0
AZ PHOENIX	107	84	110	83	96	5	0	-2	0	1.0	79	2.8	74	39	16	7	0	0	0
PRESCOTT	88	61	92	59	74	2	T	-9	T	3.4	70	8.6	78	69	30	2	0	0	0
TUCSON	100	75	103	71	87	2	.1	-5	.1	3.4	100	6.8	113	64	24	7	0	1	0
YUMA	108	82	110	79	95	2	0	-1	0	T	8	.3	23	57	18	7	0	0	0
AR FORT SMITH	94	72	101	70	83	1	2.2	1.6	1.3	7.0	90	29.1	116	95	49	5	0	3	2
LITTLE ROCK	89	72	99	70	81	-1	1.3	.7	.6	5.4	76	24.9	84	96	61	5	0	4	1
CA BAKERSFIELD	96	67	97	65	81	-2	0	0	0	.4	550	2.0	51	56	19	7	0	0	0
EUREKA	65	54	68	52	59	2	T	-1	T	1.1	141	11.7	52	92	67	0	0	1	0
FRESNO	100	65	104	61	83	3	0	0	0	.4	411	3.4	48	61	16	7	0	0	0
LOS ANGELES	73	63	76	59	68	-2	0	0	0	T	0	3.5	42	83	54	0	0	0	0
RED BLUFF	96	65	103	60	81	-1	0	0	0	.4	86	5.3	41	59	15	7	0	0	0
SACRAMENTO	92	58	95	54	75	0	0	0	0	.2	94	4.4	41	87	25	6	0	0	0
SAN DIEGO	76	68	78	66	72	0	0	0	0	.2	229	2.4	39	81	63	0	0	0	0
SAN FRANCISCO	75	54	85	53	65	2	0	0	0	.3	229	6.9	55	88	48	0	0	0	0
CO DENVER	89	58	94	52	73	0	.1	-3	.1	5.3	132	11.3	105	67	20	4	0	1	0
GRAND JUNCTION	94	62	97	55	78	0	0	-2	0	1.8	154	6.4	139	44	11	6	0	0	0
PUEBLO	92	59	99	56	76	-1	.2	-3	.2	5.6	153	10.2	140	79	22	4	0	1	0
CT BRIDGEPORT	82	67	85	63	74	0	1.0	.2	1.0	11.6	155	22.3	90	90	56	0	0	2	1
HARTFORD	85	60	88	54	72	-1	.6	-2	.4	8.7	114	17.6	68	87	42	0	0	2	0
DC WASHINGTON	85	69	88	63	77	-2	.3	-7	.2	5.3	61	18.2	76	91	50	0	0	2	0
FL APALACHICOLA	86	73	87	72	79	-3	2.5	.9	1.2	15.9	112	29.5	93	94	68	0	0	5	2
DAYTONA BEACH	88	74	90	70	81	0	2.3	.9	1.1	13.1	95	22.5	81	91	64	1	0	5	2
JACKSONVILLE	88	72	90	70	80	-1	1.1	-5	.4	12.0	85	20.6	63	94	65	1	0	4	0
KEY WEST	90	77	91	71	83	-2	2.6	-1.7	2.5	7.2	72	24.9	126	92	61	4	0	3	1
MIAMI	90	73	92	72	82	-2	3.8	2.4	3.3	25.3	148	33.6	102	93	58	4	0	4	1
ORLANDO	90	74	93	73	82	-1	1.6	-1	1.0	13.9	80	25.4	80	97	56	4	0	4	2
TALLAHASSEE	88	73	92	69	80	-1	1.6	-1	.9	20.3	114	33.1	78	97	62	2	0	5	1
TAMPA	89	74	92	73	82	-1	3.3	1.5	1.2	18.2	120	25.3	87	96	62	3	0	6	3
WEST PALM BEACH	90	74	93	70	82	-1	2.5	1.4	1.3	19.1	123	32.0	98	95	59	4	0	4	3
GA ATLANTA	85	68	90	62	77	-2	.4	-4	.3	12.8	136	31.2	94	84	50	1	0	2	0
AUGUSTA	88	68	94	60	78	-2	.5	-5	.2	7.2	75	21.0	71	90	50	3	0	3	0
MACON	89	70	95	63	79	-3	.3	-5	.3	7.7	81	21.8	71	86	54	2	0	2	0
SAVANNAH	86	72	90	69	79	-2	3.6	2.0	1.6	16.4	107	23.8	72	94	60	1	0	6	3
HZ HILO	81	69	82	67	75	-1	2.7	.4	1.4	15.2	83	82.5	107	97	72	0	0	6	2
HONOLULU	89	75	91	73	82	1	T	-1	T	.5	42	8.3	60	79	47	3	0	0	0
KAHULUI	86	71	87	69	78	-1	T	-1	T	.3	28	6.1	46	89	56	0	0	1	0
LIHUE	84	76	85	74	80	1	.4	0	.2	1.7	39	15.9	64	79	60	0	0	3	0
ID BOISE	84	54	95	43	69	-5	0	-1	0	1.3	98	5.5	73	65	18	3	0	0	0
LEWISTON	80	57	90	52	68	-6	.8	.6	.8	2.4	114	6.2	78	65	27	1	0	1	1
POCATELLO	85	49	93	41	67	-4	T	-1	T	1.6	92	6.3	90	61	15	2	0	0	0
IL CHICAGO	83	59	90	55	71	-2	1.5	.8	1.1	7.3	82	21.2	100	96	50	1	0	3	1
MOLINE	85	61	93	54	73	-1	1.3	.4	1.0	6.9	66	20.9	86	100	53	1	0	3	1
PEORIA	83	63	90	58	73	-1	1.2	.5	.6	9.8	109	23.4	104	97	57	1	0	3	1
QUINCY	85	65	93	61	75	-1	.7	-2	.5	6.2	64	18.1	76	98	65	1	0	2	0
ROCKFORD	82	61	87	55	72	-1	.8	0	.6	7.3	71	18.3	78	97	53	0	0	4	1
SPRINGFIELD	85	65	91	59	75	-1	2.5	1.7	1.9	11.2	135	22.2	100	98	59	2	0	3	1
IN EVANSVILLE	87	69	93	66	78	0	.7	-1	.4	6.7	78	25.6	93	86	53	2	0	3	0
FORT WAYNE	85	64	88	58	74	2	.9	-1	.4	5.3	66	18.6	84	85	51	0	0	4	0
INDIANAPOLIS	82	64	86	61	73	-1	.9	-1	.8	8.1	85	26.3	103	96	65	0	0	4	1
SOUTH BEND	82	61	87	58	72	0	.4	-5	.2	7.1	80	21.3	91	88	56	0	0	4	0
IA DES MOINES	88	64	96	56	76	0	.4	-5	.4	6.2	71	14.0	69	90	46	4	0	1	0
SIoux CITY	87	60	90	47	73	-2	.1	-6	.1	3.1	37	14.0	80	94	43	1	0	1	0
KS WATERLOO	85	59	95	54	72	0	1.0	.1	1.0	7.0	68	15.4	70	96	46	2	0	2	1
CONCORDIA	88	64	94	52	76	-3	1.1	.4	.5	8.1	94	17.8	98	96	52	3	0	3	1
DODGE CITY	93	65	101	55	79	-1	.4	-2	.3	7.2	102	13.1	90	82	34	5	0	2	0
GOODLAND	88	60	96	50	74	-1	.1	-4	.1	10.9	188	17.5	150	84	30	4	0	1	0
TOPEKA	86	65	93	59	76	-3	1.6	.7	.7	12.8	124	25.3	118	98	61	2	0	4	1
WICHITA	91	68	103	62	80	-2	1.0	.4	.8	10.2	119	18.5	101	93	45	5	0	4	1
KY BOWLING GREEN	85	67	92	65	76	-2	.9	-1	.9	10.1	101	23.0	71	99	54	3	0	1	1
LEXINGTON	82	65	90	62	73	-3	.2	-8	.1	9.2	87	22.5	74	95	60	1	0	2	0
LOUISVILLE	86	68	91	66	77	0	1.4	.6	1.2	9.2	104	23.5	83	98	58	2	0	2	1
LA ALEXANDRIA	92	73	94	67	82	-1	.1	-7	-1	10.1	104	30.6	83	94	57	7	0	1	0
BATON ROUGE	91	74	93	70	83	1	.8	-5	.5	14.5	120	33.5	92	87	51	6	0	3	1
LAKE CHARLES	94	74	97	72	84	2	.1	-1.1	.1	6.0	53	24.8	78	97	51	7	0	2	0
NEW ORLEANS	90	73	93	69	82	0	.7	-7	.7	12.2	91	36.5	97	88	57	5	0	1	1

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending August 10, 1985

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE 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
ME SHREVEPORT	97	75	99	72	86	3	.2	-.4	.2	13.2	166	29.3	102	94	45	7	0	1	0
ME CARIBOU	80	55	85	46	68	3	.1	-.8	.1	8.4	98	18.3	88	93	45	0	0	1	0
ME PORTLAND	80	58	86	55	69	1	T	-.6	T	6.9	102	15.9	63	92	53	0	0	1	0
MD BALTIMORE	85	65	88	59	75	-2	.4	-.7	.2	5.3	58	19.1	75	92	49	0	0	3	0
MD SALISBURY	83	65	86	55	74	-3	1.4	-.1	.9	7.0	74	18.8	70	100	63	0	0	2	1
MA BOSTON	80	65	82	60	72	-1	.3	-.5	.3	11.4	169	21.5	83	94	60	0	0	1	0
MA CHATHAM	75	60	78	55	68	-1	.4	-.5	.4	10.0	144	24.6	91	91	60	0	0	1	0
MI ALPENA	82	58	89	51	70	4	.8	.1	.6	5.6	76	18.1	103	98	49	0	0	4	1
MI DETROIT	83	63	86	59	73	1	.6	-.2	.5	6.2	82	22.3	114	94	53	0	0	3	1
MI FLINT	84	59	90	52	72	2	.2	-.6	.1	4.6	65	20.1	111	96	47	1	0	2	0
MI GRAND RAPIDS	81	61	86	57	71	0	1.7	1.0	.7	6.5	82	19.8	97	98	51	0	0	4	2
MI HOUGHTON LAKE	81	60	87	52	70	4	1.3	.7	1.2	5.3	78	16.8	101	93	49	0	0	3	1
MI LANSING	83	60	88	55	71	1	.6	-.1	.4	5.8	80	19.3	105	94	51	0	0	4	0
MI MARQUETTE	79	57	84	50	68	3	1.6	.9	.6	6.9	85	27.5	123	97	49	0	0	4	1
MI MUSKEGON	80	60	85	54	70	0	3.1	2.4	2.6	7.4	125	20.3	112	91	53	0	0	4	1
MI SAULT STE. MARIE	78	57	85	50	68	4	.9	.2	.5	5.9	81	22.7	123	98	54	0	0	4	0
MN ALEXANDRIA	79	58	85	49	68	-2	.2	-.6	.1	5.7	68	15.4	96	93	47	0	0	4	0
MN DULUTH	77	55	84	43	66	1	.3	-.6	.1	7.7	83	17.4	95	96	53	0	0	5	0
MN INT'L FALLS	75	55	85	47	65	-1	.2	-.2	.6	8.2	96	19.8	130	98	58	0	0	3	1
MN MINNEAPOLIS	84	63	90	55	73	0	.3	-.5	.3	4.7	53	16.0	92	83	42	1	0	2	0
MN ROCHESTER	81	59	89	52	70	0	.5	-.4	.3	4.0	43	11.2	61	79	44	0	0	2	0
MS GREENWOOD	90	73	94	72	82	0	2.3	1.7	2.2	5.8	65	20.7	59	99	63	5	0	2	1
MS JACKSON	91	71	95	68	81	-1	.6	-.2	.4	7.7	89	26.6	77	98	54	6	0	2	0
MS MERIDIAN	91	70	94	69	80	-1	1.3	.4	1.3	9.6	95	28.3	79	98	54	4	0	1	1
MO CAPE GIRARDEAU	87	72	93	69	80	--	3.1	2.4	3.1	8.2	99	32.8	115	96	62	3	0	1	1
MO COLUMBIA	87	66	96	62	76	-1	.8	.1	.5	13.0	158	31.3	135	98	56	2	0	3	1
MO KANSAS CITY	86	65	93	62	76	-3	.7	-.1	.3	12.1	119	26.6	118	96	56	1	0	4	0
MO SAINT LOUIS	87	70	93	67	79	1	.8	.2	.7	15.6	190	32.0	142	97	61	4	0	3	1
MO SPRINGFIELD	90	68	96	65	79	1	.7	.1	.5	9.5	105	29.3	119	96	48	5	0	3	0
MT BILLINGS	81	55	93	48	68	-5	.1	-.1	.1	3.8	118	8.1	79	77	24	1	0	1	0
MT GLASGOW	79	55	90	45	67	-4	.1	-.3	.1	5.8	126	9.4	111	79	29	1	0	2	0
MT GREAT FALLS	77	50	90	43	64	-6	1.4	1.1	1.1	3.1	73	8.2	75	87	31	1	0	5	1
MT HAVRE	80	51	93	41	65	-5	.2	-.1	.2	1.1	31	4.3	54	87	25	2	0	2	0
MT HELENA	79	51	88	45	65	-3	.6	.3	.5	1.1	33	3.3	42	75	24	0	0	3	1
MT KALISPELL	73	44	85	40	59	-7	.3	0	.3	2.1	60	6.6	67	90	37	0	0	2	0
MT MILPS CITY	86	57	96	46	71	-4	T	-.3	T	5.0	109	8.2	83	76	25	2	0	0	0
MT MISSOULA	77	48	88	45	62	-5	.6	.4	.4	1.7	56	5.1	59	94	32	0	0	3	0
NE GRAND ISLAND	85	60	92	44	72	-5	.2	-.4	.2	7.6	106	18.3	111	91	48	2	0	3	0
NE LINCOLN	87	62	96	48	75	-3	T	-.7	T	13.5	166	22.5	122	94	51	2	0	1	0
NE NORFOLK	87	59	91	43	73	-3	T	-.6	T	6.3	74	16.5	96	92	42	2	0	1	0
NE NORTH PLATTE	87	55	95	43	71	-3	.8	.3	.7	5.7	77	12.7	87	85	30	2	0	2	1
NE OMAHA	85	63	90	49	74	-2	.2	-.7	.2	5.6	62	14.9	76	89	56	1	0	1	0
NE SCOTTSBLUFF	91	55	101	49	73	0	T	-.2	T	2.6	50	5.8	52	90	21	4	0	1	0
NE VALENTINE	90	54	101	42	72	-3	.5	-.1	.4	4.7	75	8.1	65	73	26	4	0	3	0
NV ELY	88	44	90	40	66	-2	0	0	0	1.1	64	4.5	75	47	12	1	0	0	0
NV LAS VEGAS	105	74	107	70	90	0	0	0	0	.2	23	.8	32	20	6	7	0	0	0
NV RENO	89	48	95	44	69	0	0	0	0	.1	16	2.1	16	60	14	4	0	0	0
NV WINNEMUCCA	90	46	97	37	68	-3	0	0	0	.5	41	2.9	58	43	12	4	0	0	0
NH CONCORD	85	56	88	51	70	1	.1	-.6	.1	6.0	88	14.9	71	98	43	0	0	2	0
NJ ATLANTIC CITY	83	64	85	54	73	-1	1.6	.5	1.6	7.5	90	19.6	77	92	57	0	0	1	1
NM ALBUQUERQUE	92	65	96	62	78	1	T	-.4	T	2.0	86	6.5	144	68	21	5	0	0	0
NM CLOVIS	93	64	100	61	79	1	.2	-.5	.2	5.5	90	13.3	124	76	28	5	0	1	0
NM ROSWELL	94	65	100	58	80	-1	.1	-.4	0	4.3	146	9.3	190	77	27	6	0	2	0
NY ALBANY	85	58	88	53	72	1	.1	-.4	.2	6.3	86	15.9	75	99	41	0	0	2	0
NY BINGHAMTON	82	60	85	57	71	2	.5	-.2	.5	7.4	91	17.3	78	85	43	0	0	1	1
NY BUFFALO	84	62	87	54	73	3	.8	-.1	.7	5.8	83	22.6	106	81	36	0	0	2	1
NY NEW YORK	83	69	86	66	76	0	.6	-.4	.6	10.7	131	21.7	84	90	55	0	0	2	1
NY ROCHESTER	86	60	91	53	73	2	T	-.7	T	4.5	72	15.6	74	91	38	1	0	1	0
NY SYRACUSE	85	59	91	53	72	1	.1	-.8	.1	5.6	65	16.7	81	90	37	1	0	1	0
NC ASHEVILLE	79	60	85	49	70	-4	.4	-.7	.2	6.8	67	19.7	65	100	60	0	0	2	0
NC CHARLOTTE	84	66	88	58	75	-4	.4	-.4	.4	10.1	116	27.0	96	94	52	0	0	1	0
NC GREENSBORO	81	63	85	54	72	-5	.7	-.3	.4	7.2	75	21.4	80	95	57	0	0	3	2
NC HATTERAS	83	70	85	66	77	-3	2.1	-.8	.9	12.0	105	28.7	91	95	66	0	0	3	2
NC NEW BERN	85	69	87	64	77	-2	1.3	-.2	1.1	12.7	90	27.3	83	99	60	0	0	2	1
NC RALEIGH	83	65	87	55	74	-4	T	-.1	T	9.4	98	24.2	90	89	49	0	0	2	0
NC WILMINGTON	85	69	88	62	77	-3	.4	-.2	.3	15.3	100	27.5	82	94	62	0	0	2	0
ND BISMARCK	84	53	94	37	68	-3	T	-.4	T	2.9	50	9.8	88	90	32	2	0	1	0
ND FARGO	80	58	86	49	69	-2	.3	-.5	.3	5.6	76	12.9	97	87	44	0	0	1	0
ND GRAND FORKS	79	56	88	43	68	-1	.1	-.2	.1	3.7	56	10.7	89	93	46	0	0	2	0
ND WILLISTON	79	53	87	45	66	-4	.1	-.2	.1	3.0	61	7.0	72	72	29	0	0	3	0
OH AKRON-CANTON	80	62	87	56	71	0	.1	-.7	.1	5.4	64	21.1	90	92	53	0	0	1	0
OH CINCINNATI	83	66	89	63	75	-1	.1	-.7	.1	8.2	87	26.6	100	91	58	0	0	1	0
OH CLEVELAND	81	61	87	56	71	-1	.9	-.2	.4	7.1	89	21.2	95	94	52	0	0	3	0
OH COLUMBUS	81	64	88	57	73	-1	.2	-.7	.1	8.5	91	20.9	85	89	54	0	0	2	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending August 10, 1985

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE June 1	PCT. NORMAL SINCE June 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERA- TURE		PRECIPI- TATION	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	82	64	88	59	73	-1	.4	-.4	.1	5.2	63	19.9	86	82	50	0	0	3	0
TOLEDO	84	61	88	55	73	1	.3	-.4	.2	7.1	91	21.2	105	93	53	0	0	3	0
YOUNGSTOWN	80	58	87	51	69	-1	.6	-.2	.6	9.5	109	22.2	94	97	52	0	0	1	1
OK OKLAHOMA CITY	94	71	101	69	83	0	1.7	1.2	1.3	11.4	149	29.5	145	85	40	5	0	4	1
TULSA	93	74	101	71	83	0	.4	-.3	.4	10.4	116	32.5	133	92	46	5	0	2	0
OR ASTORIA	67	53	70	46	60	-1	.5	-.3	.4	4.5	118	21.1	56	97	62	0	0	3	0
BURNS	77	46	86	36	62	-8	T	-.2	T	.3	21	3.5	90	--	--	0	0	1	0
MEDFORD	86	53	95	47	69	-3	0	-.1	0	.4	36	4.8	45	72	19	3	0	0	0
PENDLETON	79	55	88	52	67	-6	.1	0	.1	1.3	112	4.9	69	64	24	0	0	1	0
PORTLAND	77	58	86	56	68	0	.5	-.2	.2	3.3	152	10.8	53	85	41	0	0	2	0
SALEM	78	52	85	46	65	-2	.1	0	.1	2.9	166	11.8	54	89	35	0	0	1	0
PA ALLENTOWN	84	63	87	58	74	0	1.1	0	1.0	13.6	152	24.3	91	97	47	0	0	2	1
ERIE	83	64	87	59	74	5	.4	-.4	.2	8.7	106	23.6	105	86	48	0	0	3	0
HARRISBURG	79	61	83	56	70	-5	.5	-.2	.5	5.8	73	20.0	83	93	54	0	0	3	1
PHILADELPHIA	84	65	88	60	75	-2	.9	0	.9	7.5	82	18.9	74	93	52	0	0	2	1
PITTSBURGH	83	61	87	57	72	0	0	-.8	0	6.3	76	19.9	83	85	46	0	0	0	0
SCRANTON	82	62	85	58	72	0	.5	-.3	.5	9.5	120	22.0	105	95	49	0	0	2	0
RI PROVIDENCE	81	62	86	59	72	-1	.6	-.3	.6	11.4	162	23.9	90	98	54	0	0	1	1
SC CHARLESTON	86	70	89	66	78	-3	1.4	-.1	.7	21.2	132	30.2	88	96	57	0	0	2	2
COLUMBIA	87	66	91	57	76	-5	1.1	-.2	1.0	12.7	109	28.1	86	100	52	1	0	2	1
FLORENCE	85	68	89	60	76	-4	.6	-.5	.5	10.8	90	22.0	75	95	56	0	0	3	0
GREENVILLE	83	65	89	56	74	-4	.4	-.3	.4	10.3	104	24.5	74	98	57	0	0	2	0
SD ABERDEEN	85	57	92	42	71	-1	.3	-.2	.1	4.8	76	10.4	80	79	34	1	0	3	0
HURON	85	54	92	42	70	-5	.4	-.1	.2	7.4	118	15.4	115	94	42	2	0	3	0
RAPID CITY	88	54	102	46	71	-2	.5	-.2	.3	3.1	53	6.7	54	85	24	3	0	3	0
SIoux FALLS	83	56	89	44	69	-5	.4	-.3	.3	5.8	79	17.1	108	93	46	0	0	2	0
TN CHATTANOOGA	84	67	90	58	76	-3	1.2	-.4	1.2	6.5	72	24.3	72	95	56	2	0	2	1
KNOXVILLE	84	66	91	62	75	-3	.5	-.2	.3	8.4	90	22.3	71	100	55	2	0	2	0
MEMPHIS	88	74	92	73	81	-1	1.6	-.7	1.5	9.7	110	31.2	92	94	62	3	0	2	1
NASHVILLE	87	69	94	67	78	-1	.9	-.1	.5	4.5	52	19.2	60	94	50	2	0	2	0
TX ABILENE	100	76	101	73	88	4	0	-.5	0	3.5	65	13.3	96	63	24	7	0	0	0
AMARILLO	95	66	99	59	81	2	.4	-.3	.4	5.5	77	12.4	96	82	28	6	0	2	0
AUSTIN	100	75	101	73	87	2	0	-.4	0	7.2	130	16.5	89	91	31	7	0	0	0
BEAUMONT	94	74	95	72	84	1	.8	-.4	.4	11.4	103	32.7	108	100	56	7	0	3	0
BROWNSVILLE	95	77	96	76	86	2	0	-.5	0	10.7	222	19.3	164	94	49	7	0	0	0
CORPUS CHRISTI	95	74	95	72	84	-1	0	-.6	0	5.0	82	18.8	124	84	44	7	0	0	0
DEL RIO	98	75	99	74	87	1	0	-.3	0	6.8	178	14.0	144	75	27	7	0	0	0
EL PASO	96	70	101	66	83	1	T	-.3	T	1.8	70	3.6	86	71	25	6	0	1	0
PORT WORTH	100	78	103	73	89	2	0	-.4	0	6.6	130	19.6	103	67	30	7	0	0	0
GALVESTON	88	78	89	77	83	-1	T	-.9	T	10.5	124	27.6	127	85	59	0	0	0	0
HOUSTON	96	74	97	71	85	2	.1	-.6	.1	10.5	125	28.4	107	97	43	7	0	2	0
LUBBOCK	96	72	101	68	84	5	.1	-.4	.1	8.6	146	13.8	121	64	26	6	0	2	0
MIDLAND	102	73	103	69	87	5	T	-.3	T	3.1	86	6.4	79	55	20	7	0	1	0
SAN ANGELO	100	74	102	72	87	3	0	-.3	0	4.7	132	12.6	125	73	23	7	0	0	0
SAN ANTONIO	98	75	99	74	87	2	0	-.5	0	13.8	245	27.0	161	87	31	7	0	0	0
VICTORIA	97	76	97	73	86	1	0	-.5	0	8.2	105	28.7	141	96	40	7	0	0	0
WACO	102	76	103	75	89	3	0	-.4	0	6.3	129	16.5	86	78	27	7	0	0	0
WICHITA FALLS	103	73	104	68	88	2	.4	-.1	.2	7.6	139	22.8	138	72	27	7	0	2	0
UT BLANDING	90	57	93	54	73	1	0	-.4	0	3.0	157	8.7	140	65	17	5	0	0	0
CEDAR CITY	90	56	92	49	73	0	0	-.3	0	1.7	85	6.5	103	47	14	6	0	0	0
SALT LAKE CITY	91	62	98	55	77	0	0	-.2	0	2.2	111	9.4	93	46	14	5	0	0	0
VT BURLINGTON	85	60	89	55	73	4	.1	-.8	0	8.2	99	18.8	95	86	38	0	0	2	0
VA NORFOLK	83	68	86	60	76	-3	.1	-.1	.1	13.1	126	26.3	94	90	56	0	0	1	0
RICHMOND	86	66	89	58	76	-2	1.3	.1	1.2	10.8	103	22.4	83	85	49	0	0	2	1
ROANOKE	83	64	90	54	74	-2	.1	-.8	.1	7.1	88	23.7	97	90	50	1	0	1	0
WA COLVILLE	77	52	86	48	64	-4	.6	-.3	.3	2.2	86	7.0	69	81	42	0	0	4	0
QUILLAYUTE	68	49	75	44	58	-1	.7	-.2	.5	3.4	56	28.8	51	98	61	0	0	4	0
SEATTLE-TACOMA	72	55	80	52	64	-1	.2	-.1	.1	3.5	141	11.3	56	86	46	0	0	3	0
SPOKANE	75	52	89	46	64	-6	.1	0	1	1.0	53	5.1	52	77	30	0	0	1	0
YAKIMA	81	50	86	43	65	-5	T	0	T	.5	62	2.4	51	75	28	0	0	2	0
WV BECKLEY	77	59	83	53	68	-2	1.8	-.9	1.6	9.7	101	24.2	87	96	60	0	0	2	1
CHARLESTON	84	64	92	56	74	0	.4	-.6	.3	6.7	65	24.0	86	89	51	2	0	2	0
HUNTINGTON	81	63	90	56	72	-3	.2	-.8	.1	10.3	110	26.0	97	99	62	1	0	3	0
PARKERSBURG	82	63	90	58	73	-1	.2	-.6	.2	4.0	38	18.5	65	98	54	1	0	1	0
WI GREEN BAY	83	62	88	56	72	3	1.9	1.2	1.0	8.2	111	19.2	110	93	46	0	0	5	2
LA CROSSE	85	62	93	56	73	0	.4	-.4	.4	5.7	62	14.4	73	89	41	2	0	1	0
MADISON	82	59	86	54	70	0	.4	-.5	.2	7.9	89	19.2	98	94	50	0	0	4	0
MILWAUKEE	83	64	88	55	73	2	.5	-.2	.2	3.9	48	16.9	86	95	54	0	0	5	0
WAUSAU	83	61	88	55	72	3	.9	-.1	.4	5.7	62	14.5	74	91	43	0	0	4	0
WY CASPER	87	50	95	42	69	-2	T	-.1	T	2.9	116	7.4	90	75	14	3	0	1	0
CHEYENNE	82	52	87	45	67	-2	.1	-.3	.1	11.6	266	14.9	152	82	23	0	0	1	0
LANDER	85	54	90	46	70	-1	T	-.1	T	2.7	117	5.5	59	48	13	1	0	0	0
SHERIDAN	84	51	93	43	67	-3	0	-.2	0	2.7	78	6.8	65	74	23	1	0	0	0
PR SAN JUAN	91	77	92	74	84	2	.3	-.1	.2	3.5	31	17.4	62	91	61	7	0	4	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

COOLING DEGREE DAY DATA WEEKLY SUMMARY
CLIMATE ANALYSIS CENTER-NHC-NWS-NOAA
ASSESSMENT AND INFORMATION SERVICES CENTER-MESDIS-NOAA

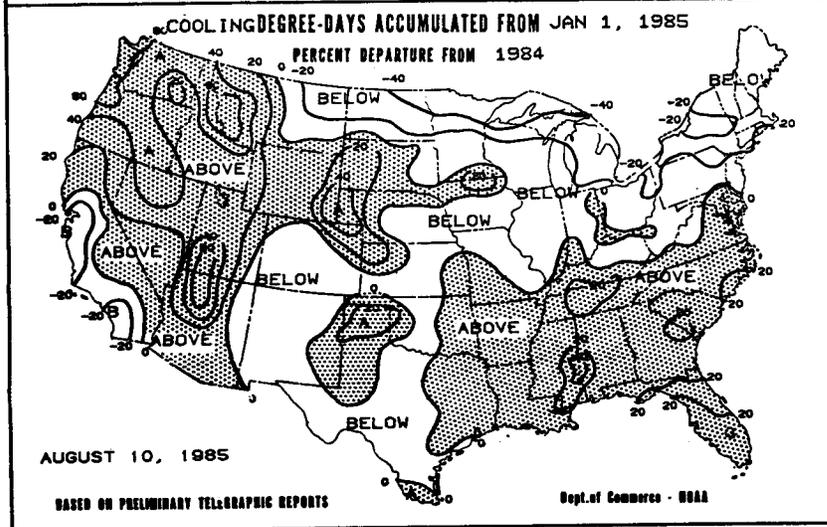
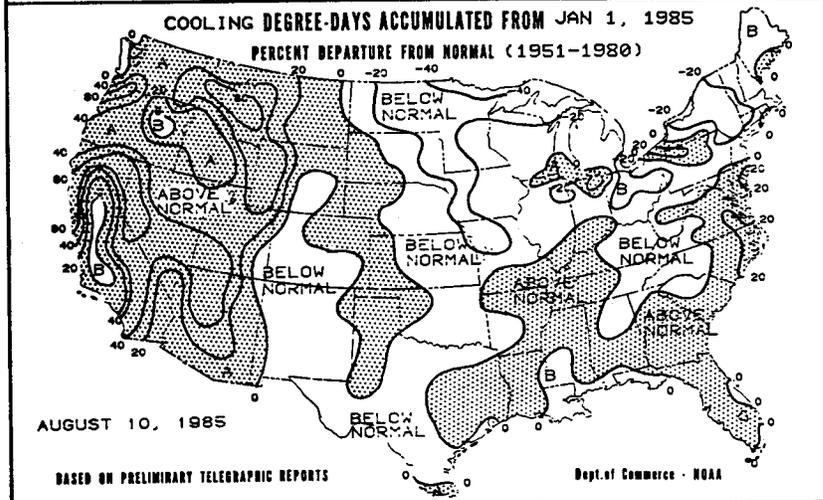
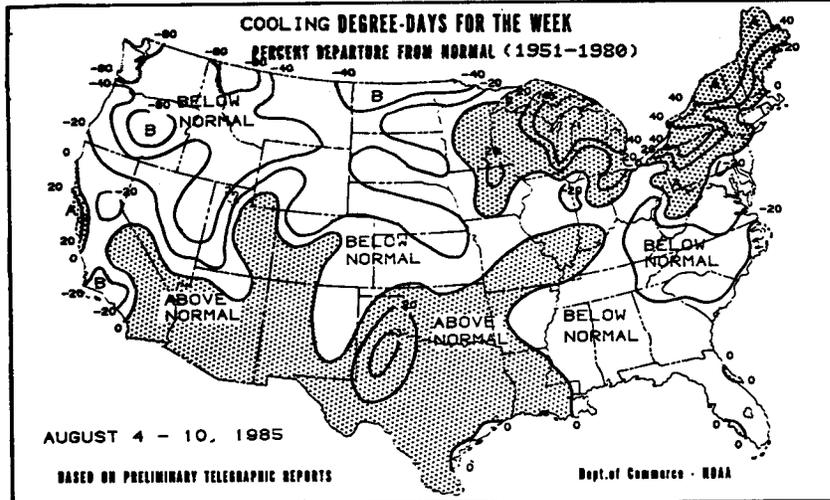
LAST DATE OF DATA COLLECTION PERIOD IS 8-10-1985
ACCUMULATIONS ARE FROM JANUARY 1
-999 = NORMAL LESS THAN 100 OR RATIO INCALCULABLE

Table with columns: STATE CITY, CALL WEEK, WEEK WEEK, CUM CUM, CUM CUM, CUM CUM, CUM CUM. Lists cities from AL BIRMINGHAM to NT HELENA with associated weather data.

Table with columns: STATE CITY, CALL WEEK, WEEK WEEK, CUM CUM, CUM CUM, CUM CUM, CUM CUM. Lists cities from NT KALISPELL to WY SHERIDAN with associated weather data.

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## National Agricultural Summary

August 5 to 11

**HIGHLIGHTS:** Rain slowed fieldwork activities throughout the Southeast, into the Delta, and portions of the Corn Belt but provided additional moisture for crop development. Dryness continued over the western half of the Nation and allowed wheat harvest to progress rapidly in the Northwest. Crops remained fairly stable with conditions mostly good. Fieldwork averaged 5 days or less in the Southeast, in the Delta, and in Indiana and Illinois. Farmers were able to work 6 days or more in most other areas.

Winter wheat was 94% harvested in the 18 major producing States, slightly ahead of 1984 and the average. Spring wheat harvest advanced 17 points to 32% combined, compared with 24% combined last year and the 30% average. Corn was silking on 96% of the acreage and 49% had reached the dough stage. Corn had reached the dent stage through the Corn Belt as far North as Iowa. Soybeans were mostly good and the acreage setting pods jumped 15 points from last week. Blooms were present on 87% of the acreage. Sorghum was 63% headed compared with 55% last year and 59% normally. Cotton was mostly good with bolls present on 84% of the acreage. Boll setting was slightly behind normal. Cotton with open bolls increased across the Southeast with 6% of the crop harvested in Texas. Rice was mostly good and 61% headed. Harvest continued in Texas and Louisiana. Rain slowed fall vegetable land preparation in the Southeast. Pastures were mostly good in the eastern half of the Nation with some areas experiencing regrowth from the additional moisture. Livestock was mostly good.

**SMALL GRAINS:** Winter wheat was 94% harvested in the 18 major producing States, slightly ahead of last year and the average. Harvest was limited mostly to the Pacific Northwest States with a few fields remaining to be harvested in California, Colorado, Michigan, and South Dakota. In Idaho and Montana harvest was 6 and 65% finished, 7 and 20 points ahead of the average, respectively. Washington's wheat harvest was 60% completed, equalling the normal pace.

Spring wheat harvest advanced 17 points to 32% combined. This compares with 24% combined last year and the 30% average. Harvest was 6 points behind normal in Idaho and Minnesota but 20 points ahead of normal in Montana. Slightly more than two-thirds of the South Dakota crop was harvested.

**CORN:** Corn was mostly good; however, in a few States the crop condition was good to excellent. Rain provided much needed moisture in the mid-Corn Belt States and along the east coast. In 16 of the 17 major producing States, corn was silking on 96% of the acreage, compared with 93% normally. Corn acreage with ears in the dough stage or beyond reached 49%, 18% points more than last year and 11 points above the average. Corn harvest continued gaining momentum in the Southeast with harvest 21% complete in Georgia, 13% in Mississippi, 33% in Alabama, and 41% finished in Louisiana. Corn had reached the dent stage through the Corn Belt as far north as Iowa.

**SOYBEANS:** The soybean crop remained in mostly good condition, except in the Delta States where soybeans were mostly good to fair. In the 19 major producing States, acreage with pods jumped 15 points from last week to 60% of the crop. Blooms were present on 87% of the acreage. Pod setting was 9 points ahead of the normal pace and the

acreage blooming registered a 6 point gain above the average. Pod setting was ahead of normal in all States, except North Carolina which lags the average by 6 points.

**SORGHUM:** In the 7 major sorghum producing States, the crop was mostly good to fair. Even though sorghum was good to fair in Oklahoma, dryness was hurting the crop in southern areas of the State. Sorghum was 63% headed, compared with 55% last year and 59% normally. Heading trailed the normal pace in South Dakota and Texas. Texas sorghum harvest was 44% complete and progressed rapidly in central Texas, the Blackland, and east into the Low Plains. Sorghum harvest continued spreading across the Southeast. Insects were becoming a problem in Texas, Kansas, and Oklahoma.

**COTTON:** Cotton condition was mostly good. Bolls were present on 84% of the acreage, the same as last year, but 1 point below the average. In Texas, cotton acreage with bolls was 7 points behind normal. Cotton continued opening bolls across the Southeast, and 6% of the cotton acreage in Texas was harvested.

**OTHER CROPS:** Rice was mostly good and heading was 61% complete. Normally, 55% of the acreage would be headed and last year 54% was headed. The crop in Texas and California continued lagging behind the normal pace. Harvest progressed rapidly along the upper coast in Texas. Harvest was 21% finished compared with the 60% average. Louisiana's crop was 24% harvested, trailing the normal pace by 1 point.

Florida's tobacco harvest was winding down and expected to end in about 2 weeks. In Georgia harvest was nearly three-quarters finished. Tobacco was mostly good in Tennessee and Kentucky with 10 and 8% of burley tobacco cut in each State, respectively. Harvest of Dark tobacco continued in both States.

Peanuts were mostly good. Aclerotinia and leaf spots caused concern in Virginia.

**VEGETABLES:** Showers slowed fall vegetable land preparation in the Southeast. Florida vegetable growers actively layed plastic for tomatoes and peppers. Celery and eggplant transplanting increased. Vegetable harvest continued on the West Coast consisting mainly of broccoli, cantaloups, carrots, cauliflower, celery, melons, sweet corn, cucumbers, and lettuce. Fall lettuce planting began in California's San Joaquin Valley.

**FRUIT AND NUTS:** Apple harvest continued across the Nation. Peach harvest was winding down in the Southeast and just getting started in Oregon. Florida's citrus groves made excellent progress. Frequent rain provided new growth and fruit sized well. California grape growers continued harvesting table grapes for fresh market. Early Thompson variety grapes were harvested for champagne. Texas pecans continued showing good potential. Most pecan groves had reached the water stage. Heavy fruit droppage is expected in many areas if moisture shortages continue.

**PASTURES AND LIVESTOCK:** Pastures were mostly good to fair across the eastern half of the Nation with regrowth underway in many areas. Pastures were fair to poor elsewhere. Livestock was mostly good.

**CROP PROGRESS**

FOR WEEK ENDING AUG 11

**WINTER WHEAT  
% HARVESTED**

	1985	1984	AVG.
ARK	100	100	100
CALIF	99	99	99
COLO	98	91	93
GA	100	100	100
IDAHO	36	20	23
ILL	100	100	100
IND	100	100	100
KANS	100	100	100
MICH	99	98	94
MO	100	100	97
MONT	65	70	45
NEBR	100	99	100
OHIO	100	100	100
OKLA	100	100	100
OREG	79	58	70
S DAK	99	96	96
TEX	100	100	100
WASH	60	46	60
18 STATES	94	92	92

THESE 18 STATES PRODUCED 88% OF THE 1984 WINTER WHEAT CROP.

**SPRING WHEAT  
% HARVESTED**

	1985	1984	AVG.
IDAHO	8	9	14
MINN	26	22	32
MONT	35	25	15
N D	22	17	23
S DAK	69	46	69
5 STATES	32	24	30

THESE 5 STATES PRODUCED 92% OF THE 1984 SPRING WHEAT CROP.

**SORGHUM  
% HEADED**

	1985	1984	AVG.
ARK	89	NA	NA
KANS	40	35	35
MO	76	77	68
NEBR	70	45	60
OKLA	75	55	65
S DAK	42	43	53
TEX	82	76	83
7 STATES	64	NA	NA
EXCL. STATES WITH NA	63	55	59

THESE 7 STATES PRODUCED 83% OF THE 1984 SORGHUM CROP.

**COTTON  
% SETTING BOLLS**

	1985	1984	AVG.
ALA	100	94	90
ARIZ	96	98	100
ARK	99	98	98
CALIF	95	90	87
GA	99	93	97
LA	100	98	94
MISS	100	87	90
MO	100	100	92
N MEX	99	99	97
N C	92	85	85
OKLA	80	50	45
S C	98	94	98
TENN	98	85	85
TEX	71	79	78
14 STATES	84	84	83

THESE 14 STATES PRODUCED 100% OF THE 1984 COTTON CROP.

NA - NOT AVAILABLE

**RICE  
% HEADED**

	1985	1984	AVG.
ARK	56	27	38
CALIF	20	45	28
LA	87	85	80
MISS	79	57	56
TEX	76	100	100
5 STATES	61	54	55

THESE 5 STATES PRODUCED 97% OF THE 1984 RICE CROP.

**RICE  
% HARVESTED**

	1985	1984	AVG.
ARK	0	0	0
CALIF	0	0	0
LA	24	28	25
MISS	0	NA	NA
TEX	21	41	60
5 STATES	8	NA	NA
EXCL. STATES WITH NA	8	13	15

THESE 5 STATES PRODUCED 97% OF THE 1984 RICE CROP.

NA - NOT AVAILABLE

**CORN  
% SILKING**

	1985	1984	AVG.
COLO	93	88	83
GA	100	100	100
ILL	100	100	100
IND	99	96	92
IOWA	100	93	96
KANS	100	97	90
KY	95	91	88
MICH	95	90	90
MINN	96	94	94
MO	100	92	93
NEBR	99	90	95
N C	100	98	98
OHIO	100	90	95
PA	80	80	83
S DAK	84	72	82
TEX	98	NA	NA
WIS	79	84	81
17 STATES	97	NA	NA
EXCL. STATES WITH NA	96	92	93

THESE 17 STATES PRODUCED 93% OF THE 1984 CORN CROP.

NA - NOT AVAILABLE

**CORN  
% DOUGH**

	1985	1984	AVG.
COLO	34	34	21
GA	100	98	99
ILL	78	58	65
IND	60	30	55
IOWA	40	22	29
KANS	60	50	40
KY	56	31	43
MICH	25	20	25
MINN	10	9	12
MO	80	49	59
NEBR	45	25	30
N C	92	78	82
OHIO	75	25	35
PA	26	17	28
S DAK	21	14	17
TEX	79	NA	NA
WIS	26	20	25
17 STATES	49	NA	NA
EXCL. STATES WITH NA	49	31	38

THESE 17 STATES PRODUCED 93% OF THE 1984 CORN CROP.

NA - NOT AVAILABLE

**SOYBEANS  
% BLOOMING**

	1985	1984	AVG.
ALA	78	66	74
ARK	65	47	48
GA	82	78	79
ILL	96	92	92
IND	96	95	90
IOWA	98	92	93
KANS	80	80	65
KY	70	63	63
LA	84	83	75
MICH	95	90	90
MINN	95	96	97
MISS	85	77	78
MO	80	75	71
NEBR	100	90	90
N C	50	62	58
OHIO	100	95	90
S C	67	53	60
S DAK	88	69	90
TENN	75	75	70
19 STATES	87	82	81

THESE 19 STATES PRODUCED 94% OF THE 1984 SOYBEAN CROP.

**SOYBEANS  
% SETTING PODS**

	1985	1984	AVG.
ALA	49	39	45
ARK	27	27	25
GA	49	43	46
ILL	77	64	66
IND	55	45	50
IOWA	87	74	74
KANS	45	50	35
KY	25	22	21
LA	60	58	51
MICH	45	45	49
MINN	68	65	66
MISS	42	30	37
MO	58	44	41
NEBR	80	55	50
N C	20	26	26
OHIO	75	50	60
S C	25	20	23
S DAK	56	47	62
TENN	40	20	25
19 STATES	60	50	51

THESE 19 STATES PRODUCED 94% OF THE 1984 SOYBEAN CROP.

## 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 SRS State Statistical Offices in cooperation with the National Weather Service.

**ALABAMA:** Rainfall less than 0.50 to 4.00 in. statewide. Temperatures averaged slightly cooler than normal. Maximum temperatures low to mid 90's. Fieldwork 4.6 days. Soil moisture 13% short, 76% adequate, 11% surplus. Corn dented 99%, 84% 1984; mature 84%, 54% 1984, 60% avg.; harvested 33%, 10% 1984; 11% poor, 40% fair, 45% good, 4% excellent. Cotton setting bolls 100%, 94% 1984, 90% avg.; 13% fair, 76% good, 11% excellent. Soybeans blooming 78%, 66% 1984, 74% avg.; setting pods 49%, 39% 1984, 45% avg.; 31% fair, 67% good, 2% excellent. Sorghum harvested 5%; 23% fair, 75% good, 2% excellent. Peanuts 17% fair, 83% good; pastures 2% poor, 26% fair, 66% good, 6% excellent; livestock 24% fair, 72% good, 4% excellent. Primary activities: Spraying cotton for weevils, bollworms and peanuts for leaf spot; harvest corn, hay, peanuts, grain sorghum; clipping pastures; weaning spring calves.

**ALASKA:** Early week, warm and dry with afternoon showers, late week storms and cooler temperatures prevailed. Temperatures warmer than normal, Tanana Valley, cooler than normal to near normal elsewhere. Seasonal precipitation near to below normal most areas.

Days available for fieldwork 2.0 to 5.0. Topsoil moisture 6% short, 91% adequate, 3% surplus. Subsoil 19% short, 81% adequate. First crop hay harvest winding up, second crop harvest began. Barley grain 47% fair, 43% good, 10% excellent. Barley for grain 50% turning color. Vegetable harvest continued.

**ARIZONA:** Mostly sunny, fairly dry over western half. Partly cloudy with widely scattered showers, thunderstorms over east. Weekly rainfall amounts under 0.25 in. except over 1.00 in. in White Mountains. Average temperatures 10 below normal at Winslow to 50 above Phoenix.

Cotton 96% setting bolls, 98% 1984, 100% avg.; 2% fair, 77% good, 21% excellent. Open cotton west, central areas, total of 6% statewide. Insect problems generally light to moderate, except severe west. Pink bollworms, spider mites most common. Weed infestations light, except moderate to severe southeast. Alfalfa hay harvest continued, crop good condition. Rains damaged hay, hampered field activity southeast. Late summer weeds, caterpillars reported some areas. Insect, weed infestation moderate. Hay movement continued slow. Grain corn harvest will begin soon. Silage harvest completed central area. Corn good condition. Sorghum good condition, heading most areas. Sesame, peanuts continued in progressing well. Willcox area, watermelons harvested small amounts. Apple picking continued on limited scale. Chipper potato digging continue on limited scale. Peach harvest expected to wind up month's end. Fall lettuce showing emergence. Chili setting pods. Yuma area, lemon harvest continued on limited scale. Citrus groves good condition. Fall melon planting making good progress with satisfactory stand establishment. Land preparation for fall vegetables continued.

**ARKANSAS:** Temperatures 10 below normal to 30 above normal. Widespread heavy rains. Temperature extremes 61°; 101°. Precipitation 0.04 to 4.82 in.

Days suitable for fieldwork 6.0. Soil moisture 49% short, 49% adequate, 2% surplus. Cotton 99% setting bolls, 98% 1984, 98% avg. Cotton 25% fair, 55% good, 20% excellent. Winter wheat 100%

harvested, 100% 1984, 100% avg. Rice 56% headed, 27% 1984, 38% avg. Rice none harvested, none 1984, none avg. Rice 14% fair, 75% good, 11% excellent. Sorghum 89% headed; 43% fair, 49% good, 8% excellent. Soybeans 65% blooming, 47% 1984, 48% avg. Soybeans 27% setting pods, 27% 1984, 25% avg. Soybeans 2% poor, 36% fair, 62% good.

**CALIFORNIA:** Rainfall nonexistent, temperature averages near normal. Temperature showing greatest departures, Tulalake at 40 below normal, San Jose 40 above. Temperatures range from a low of 32° Alturas to a high of 113° Blythe.

Small grain stubble worked under. Rice progress good; 20% headed, 45% 1984, 28% avg. Cotton continued good development. Cotton setting bolls 95%, 90% 1984, 87% avg.; good boll set evident. Safflower, corn, sugarbeet harvest underway. Early beans nearing maturity. Cotton 80% good, 20% excellent. Rice 20% fair, 80% good. Apple harvest continued. Dates dusted for date beetles. Table grapes continued fresh market. Early Thompson variety grapes harvested for champagne. Nectarine crop 75% harvested. Freestone peach harvest over 65% complete. Plum harvest 75% complete. Prunes maturing rapidly. Valencia oranges, summer grapefruit harvests continued. Almond growers preparing for harvest, some trees shaken. Weather favorable, vegetables. Artichoke remained seasonally light supply variable quality. Broccoli moderate supply Salinas-Watsonville, fairly heavy Santa Maria. Cantaloup harvest continued San Joaquin Valley, good quality. Carrot harvest strong San Joaquin, Salinas fairly heavy. Cauliflower light supply Salinas-Watsonville, Santa Maria. Celery light supply, variable quality. Sweet corn, cucumber harvest active San Joaquin Valley, central coast. Melons remained active. Lettuce moderate both Salinas, Santa Maria. Planting fall lettuce San Joaquin Valley, desert. Harvest green bell peppers northern San Joaquin Valley. Harvest summer potatoes good yields, quality, light demand. Fall potatoes good growth Tulalake-Butte Valley. Market tomatoes continued northern San Joaquin Valley. Processing tomato harvest full swing good yields, quality. Watermelon harvest continued, demand light. Fire danger continued most of State. Ranges, pastures dry most districts. Feed, water supplies dwindled. Supplemental feeding underway much of State.

**COLORADO:** Typical summer weather with scattered showers, near normal temperatures.

Days suitable for fieldwork 6.0. Soil moisture 23% short, 72% adequate, 5% surplus. Winter wheat 98% harvested, 91% 1984, 93% avg. Corn 29% good, 71% excellent; 93% silked, 88% 1984, 83% avg.; 34% dough, 34% 1984, 21% avg. Barley 60% harvested, 49% 1984, 48% avg. Dry beans 91% flowered, 80% 1984, 79% avg. Alfalfa hay 60% cut second time, 65% 1984, 69% avg. Livestock in good condition.

**FLORIDA:** Light westerly winds produced morning showers, thunderstorms along west coast, moving inland afternoon, evening hours. Temperatures remained near normal under high pressure, generally a rather calm weather pattern over State.

Soil moisture mostly adequate. Tobacco harvest winding down, ending approximately two weeks. Peanuts making good progress. Green peanut harvest year good. Soybeans making good progress;

rainfall may affect pods setting. Frequent rains slowed corn harvest. Irrigated, muck land corn silage harvest almost complete. Hay making active where weather permits. Sugarcane making good progress. Pasture most central areas fair to good, good to excellent elsewhere. Cattle, calves mostly good to excellent. Groves excellent. Frequent rains, abundant new growth. New crop fruit making excellent progress; late bloom fruit sizing well. Caretakers active controlling cover crops. Warm temperatures, frequent thunderstorms continued vegetable areas. Disking, fertilizing, laying of plastic for tomatoes, peppers. Early plantings active. Seeding, transplanting activities increasing for celery, eggplant. Land preparation other crops continued active.

**GEORGIA:** Scattered thunderstorms each day, most numerous mid to late week. Heaviest rains northeast mountains, southeast where local totals of 5.00 in. reported. Much of central State received less than 0.50 in. Temperature slightly cooler than normal. Highest temperature 96° Albany, Augusta.

Days suitable for fieldwork 3.5. Soil moisture 1% very short, 8% short, 61% adequate, 30% surplus. Main activities: Harvesting hay, tobacco, corn, vegetables; applying insecticides. Corn 97% dent, 89% 1984, 94% avg.; 84% mature, 66% 1984, 80% avg.; 21% harvested, 17% 1985, 29% avg.; 6% poor, 30% fair, 55% good, 9% excellent. Cotton 99% setting bolls, 93% 1984, 97% avg.; 7% bolls open, 3% 1984, 11% avg.; 2% poor, 18% fair, 73% good, 7% excellent. Grain sorghum 1% poor, 17% fair, 73% good, 9% excellent. Peanuts 13% fair, 70% good, 17% excellent. Soybeans 82% blooming, 78% 1984, 79% avg.; 49% setting pods, 43% 1984, 46% avg.; 1% poor, 11% fair, 80% good, 8% excellent. Tobacco 72% harvested, 65% 1984, 77% avg.; 33% fair, 67% good. Watermelons 97% harvested, 93% 1984, 94% avg.; 3% poor, 42% fair, 52% good, 3% excellent. Apples 24% harvested, 34% 1984, 39% avg.; 6% poor, 40% fair, 51% good, 3% excellent. Peaches 99% harvested, 95% 1984, 97% avg.; 21% very poor, 18% poor, 39% fair, 22% good. Pecans 11% poor, 39% fair, 47% good, 3% excellent. Pastures 10% fair, 80% good, 10% excellent. Hay 1% poor, 23% fair, 73% good, 3% excellent. Cattle 11% fair, 86% good, 3% excellent. Hogs 11% fair, 85% good, 4% excellent.

**HAWAII:** Crops made fair to good progress under variable weather conditions as partly cloudy skies, passing showers dominated island skies. Much of shower activity due to westward movement of tropical depression Linda, tropical depression Kevin. Temperatures averaged in the upper 80's, tradewinds blew 15 to 25 mph for much of week. Harvesting of Cavendish bananas remains heavy from eastern sections of Hawaii island. Head cabbage and Head lettuce crop in fair to good condition, production expected to be moderate. Puna papaya orchards fair to good condition; overall State production expected to decline.

**IDAHO:** Temperatures warmed from upper 70's and 80's first of week into low to mid 90's at most locations by midweek. Cold front passed through State night of 7th cooling daytime temperatures into upper 60's and low 70's on 8th and into upper 70's on 9th. Temperatures for week below normal at all locations. Precipitation spotty. Only few stations up north with normal to little above normal amounts. Couer D'Alene reported greatest amount with 0.71 in.

Days suitable for fieldwork 6.0. Winter wheat 64% turned color but not harvested; 36% harvested. Spring wheat 8% not yet turned; 92% turned; 8% harvested. Barley 2% not yet turned color; 98% turned; 18% harvested. Potatoes 94%

not yet turned color; 6% turned. Winter wheat 16% poor, 36% fair, 48% good. Spring wheat 3% very poor, 13% poor, 37% fair, 47% good. Barley 19% poor, 39% fair, 42% good. Potatoes 82% good, 18% excellent. Sugarbeets 8% fair, 77% good, 15% excellent. Onions 17% fair, 83% good. Dry beans 18% fair, 82% good. Corn 29% fair, 57% good, 14% excellent. Oats 4% very poor, 13% poor, 22% fair, 61% good. Alfalfa hay second cutting 60% cut, 56% 1984, 54% avg. Oats 28% harvested. Dry peas 72% harvested, 38% 1984, 22% avg. Apricots 100% picked, 76% 1984. Lentils 65% harvested. Grass seed 82% harvested, 38% 1984. Mint 45% harvested, 54% 1984. Grasshopper infestation in south, east 10% none, 40% light, 50% moderate. Livestock good. Range, pasture adequate.

**ILLINOIS:** Temperatures normal to slightly below normal across State. Precipitation variable; 0.50 to 1.50 in. Lightest southwest.

Days suitable for fieldwork 4.5. Soil moisture 28% short, 64% adequate, 8% surplus. Corn silking 100%, 100% 1984, 100% avg.; dough stage 78%, 58% 1984, 65% avg.; dented 28%, 11% 1984, 21% avg.; 1% poor, 13% fair, 51% good, 35% excellent. Soybeans blooming 96%, 92% 1984, 92% avg.; setting pods 77%, 64% 1984, 66% avg.; 11% fair, 64% good, 25% excellent. Winter wheat harvested 100%, 100% 1984, 100% avg. Alfalfa third crop cut 42%, 38% 1984, 33% avg.; 2% poor, 29% fair, 52% good, 17% excellent. Sorghum 12% fair, 72% good, 16% excellent. Pasture 12% poor, 30% fair, 46% good, 12% excellent.

**INDIANA:** Average temperatures from 1 to 20 above normal to 1 to 20 below. Highs in low to mid 80's; lows in 60's. Rainfall from less than 0.10 to over 4.00 in. Many droughty northwest, central areas received rain. Rains diminished toward south, east.

Fieldwork averaged 3.7 days. Topsoil moisture 19% short, 73% adequate, 8% surplus. Subsoil moisture 41% short, 54% adequate, 5% surplus. Corn 6% poor, 35% fair, 51% good, 8% excellent. Corn 99% silked, 96% 1984, 92% avg.; 60% in dough, 30% 1984, 55% avg.; 5% dented, none 1984, 5% avg. Soybeans 2% poor, 29% fair, 61% good, 8% excellent. Soybeans 96% in bloom, 95% 1984, 90% avg.; 55% setting pods, 45% 1984, 50% avg. Oats 98% combined, 90% 1984, 95% avg. Alfalfa 98% cut twice, 90% 1984, 90% avg. Wheat land 10% plowed, 10% 1984, 10% avg.

**IOWA:** Temperature extremes 44° 10th to 96° 9th. Averaging near seasonal normals. Precipitation spotty. Several dry central, northern counties reporting little rainfall.

Days suitable for fieldwork 6.5. Topsoil moisture 74% short, 26% adequate. Subsoil moisture 74% short, 26% adequate. Corn silked 100%, 93% 1984, 96% avg. Corn dough stage 40%, 22% 1984, 29% avg. Corn dented 7%, 1% 1984, 5% avg. Corn 1% very poor, 7% poor, 24% fair, 52% good, 16% excellent. Soybeans blooming 98%, 92% 1984, 93% avg. Soybeans setting pods 87%, 74% 1984, 74% avg. Soybeans 1% very poor, 6% poor, 21% fair, 60% good, 12% excellent. Third crop alfalfa hay harvested 20%, 2% 1984, 15% avg. Second crop clover hay harvested 96%, 69% 1984, 76% avg. Hay 3% very poor, 15% poor, 53% fair, 26% good, 3% excellent. Pastures 16% very poor, 34% poor, 35% fair, 13% good, 2% excellent. Livestock good with minimal heat stress.

**KANSAS:** Precipitation averaged 0.33 in. west, 1.00 in. central, 2.00 to 4.00 in. east. Temperatures averaged 77 to 80°, 20 below normal north central to 10 above normal northwest.

Days suitable for fieldwork 4.0. Topsoil moisture 7% short, 79% adequate, 14% surplus. Subsurface moisture 11% short, 82% adequate, 7% surplus. Wheat 100% harvested, 100% 1984, 100% avg. Corn 100% silking, 97% 1984, 90% avg. Corn 60% dough, 50% 1984, 40% avg. Corn 15% dent, 10% 1984, 10% avg. Corn 5% poor, 14% good, 81% excellent. Sorghum 40% headed, 35% 1984, 35% avg. Sorghum 3% poor, 21% good, 76% excellent. Greenbugs increase, some spraying necessary. Soybeans 80% blooming, 80% 1984, 65% avg. Soybeans 45% podding, 50% 1984, 35% avg. Soybeans 1% poor, 14% good, 85% excellent. Third cutting alfalfa 60% complete, good progress. Range, pasture good growth, excellent grazing.

**KENTUCKY:** Typical summer weather, warm temperatures, scattered thundershowers. Temperatures below normal, but gradual warming brought readings above normal. Overall temperatures averaged around normal. High temperatures in lower 90's with lows in lower to mid 60's. Precipitation below normal east, central, above normal west. West received heavy showers early, some spots measuring over 2.00 in. Normal rainfall early August from 0.70 to 0.90 in. Rainfall averaged 0.10 to 0.30 in. east, around 0.50 in. central.

Days suitable for fieldwork 4.3. Soil moisture 12% short, 79% adequate, 9% surplus. Corn 13% fair, 67% good, 20% excellent. Crop 95% silked, 91% 1984, 88% avg.; 58% dough, 31% 1984, 43% avg. Soybeans 20% fair, 67% good, 13% excellent. Soybeans 70% blooming, 63% 1984, 63% avg.; pods setting 25%, 22% 1984, 21% avg. Tobacco mostly good. Burley 78% topped with 8% cut. Dark tobacco 3% cut. Sorghum mostly good condition. Pastures 2% poor, 21% fair, 58% good, 19% excellent.

**LOUISIANA:** Temperatures averaged 10 below normal to 20 above normal. Temperature extremes 670; 1010. Rain totals averaged 0.20 to 1.90 in.

Days suitable for fieldwork 4.7. Soil moisture 36% short, 45% adequate, 19% surplus. Cotton 65% fair, 32% good, 3% excellent; 7% open bolls, none 1984, 3% avg. Rice 29% fair, 58% good, 13% excellent; 87% headed, 85% 1984, 80% avg. Rice 38% ripe, 39% 1984, 36% avg.; 24% harvested, 28% 1984, 25% avg. Soybeans 5% poor, 33% fair, 57% good, 5% excellent; 84% blooming, 83% 1984, 75% avg. Soybeans 60% setting pods, 58% 1984, 51% avg. Sorghum 37% fair, 51% good, 12% excellent; 99% headed, 96% 1984, 91% avg. Sorghum 78% turning color, 75% 1984, 65% avg.; 42% ripe, 25% 1984, 27% avg. Sorghum 15% harvested, 9% 1984, 9% avg. Corn fair to good; 93% mature, 77% 1984, 74% avg. Corn 41% harvested, 17% 1984, 27% avg. Sweetpotatoes good; 15% harvested, 7% 1984, 11% avg. Peaches good; 96% harvested, 97% 1984, 98% avg. Hay final cutting 21% complete, 7% 1984, 5% avg. Sugarcane fair to good; 1% planted. Vegetables fair; pastures, livestock fair to good.

**MARYLAND & DELAWARE:** Maryland: Cool with scattered showers. Temperature range 1 to 30 below normal, highs near 90, lows mid 50's to mid 60's. Precipitation 1.50 in., ranging from 0.25 to 1.56 in.

Fieldwork 5.7 days suitable. Topsoil moisture adequate except southern areas west of bay short. Subsoil moisture short except north central, extreme west adequate. Corn fair to good. Corn 95% silked, 90% 1984, 95% avg. Corn 65% dough, 50% 1984, 60% avg. Corn 20% dent, 10% 1984, 20% avg. Soybeans mostly good. Soybeans 60% bloomed, 50% 1984, 60% avg. Soybeans 25% podded, 25% 1984, 25% avg. Tobacco 90% bloomed; 60% topped. Third cutting alfalfa hay 55% complete, 75% 1984, 65%

avg. Third cutting other hay 85% complete, 5% 1984, 20% avg. Vegetable harvest remained ahead of 1984. Peach harvest 75% complete, 50% 1984, 40% avg.

**Delaware:** Cool, wet. Temperatures range 1 to 30 below normal. High in upper 80's, lows near 60. Precipitation 2.65 in., ranging from 0.48 to 3.68 in.

Topsoil moisture adequate for second consecutive week. Subsoil moisture remains short over entire State. Corn fair to good. Corn 95% silked, 90% 1984, 96% avg. Corn 70% dough, 50% 1984, 65% avg. Corn dent, 30%, 20% 1984, 30% avg. Soybeans good. Soybeans 90% bloomed, 50% 1984, 60% avg. Soybeans 50% podded, 20% 1984, 30% avg. Third cutting alfalfa 95% complete, 85% 1984, 65% avg.

**MICHIGAN:** Temperatures averaged 20 above normal. Precipitation moderate to heavy. Greatest amount west central lower Peninsula.

Days suitable for fieldwork 5.0. Soil moisture 47% short, 51% adequate, 2% surplus. Rain showers slowed oat and hay harvest. Corn 95% silked, 90% 1984, 90% avg.; 25% dough, 20% 1984, 25% avg. Corn 5% poor, 25% fair, 55% good, 15% excellent. Soybeans 95% blooming, 90% 1984, 90% avg.; 45% setting pods, 45% 1984, 49% avg. Soybeans 5% poor, 25% fair, 55% good, 15% excellent. Winter wheat 99% harvested, 98% 1984, 94% avg. Winter wheat 5% poor, 20% fair, 45% good, 30% excellent. Oats 55% harvested, 30% 1984, 43% avg. Dry beans 50% setting pods, 35% 1984, 55% avg. Dry beans 5% poor, 30% fair, 50% good, 15% excellent. Tart cherry harvest virtually complete. Harvest of early peach, apple varieties continued. Vegetable harvest progressing normally.

**MINNESOTA:** Slightly cool; thunderstorms last half week. Temperatures averaged 2 to 70 below normal. Temperature extremes 340; 940. Precipitation averaged 0.18 to 0.37 in. above normal, west central through east central; 0.15 to 0.45 in. below normal elsewhere.

Days suitable for fieldwork 5.3. Topsoil moisture 38% short, 57% adequate, 5% surplus. Corn 98% tasseling, 98% 1984, 98% avg.; 64% milk, 55% 1984, 55% avg.; 10% dough, 9% 1984, 12% avg.; 2% very poor, 5% poor, 36% fair, 44% good, 13% excellent. Soybeans 95% blooming, 96% 1984, 97% avg.; 68% setting pods, 65% 1984, 66% avg.; 4% poor, 37% fair, 47% good, 12% excellent. Spring wheat 87% turning ripe, 96% 1984, 96% avg.; 26% harvested, 22% 1984, 32% avg.; 23% fair, 61% good, 16% excellent. Oats 99% turning ripe, 99% 1984, 98% avg.; 67% harvested, 57% 1984, 62% avg. Barley 98% turning, 99% 1984, 98% avg.; 48% harvested, 65% 1984, 66% avg. Sunflowers 51% blooming, 77% 1984, 77% avg.

**MISSISSIPPI:** Temperatures averaged near normal. Extreme 620; 970. Greatest 24-hour rainfall 1.50 in.

Fieldwork 4.0 days suitable, 3.1 1984, 5.0 avg. Soil moisture 8% short, 54% adequate, 38% surplus. Cotton 100% setting bolls, 87% 1984, 90% avg.; 2% bolls open; 6% poor, 9% fair, 59% good, 26% excellent. Soybeans 85% blooming, 77% 1984, 78% avg.; 42% setting pods, 30% 1984, 37% avg.; 6% poor, 29% fair, 59% good, 6% excellent. Rice 79% heading, 57% 1984, 56% avg.; 12% fair, 75% good, 13% excellent. Corn 70% mature, 32% 1984, 40% avg.; 13% harvested, 8% 1984, 15% poor, 30% fair, 44% good, 11% excellent. Grain sorghum 95% heading, 89% 1984; 22% ripe; 2% harvested, 3% poor, 24% fair, 70% good, 3% excellent. Sweetpotatoes 2% harvested, 4% 1984, 5% avg. Peanuts 13% harvested, 7% 1984. Watermelons 78% harvested, 63% 1984. Peaches 95% harvested, 88% 1984, 87% avg. Corn silage 45% harvested, 35%

1984. Sorghum silage 37% harvested, 30% 1984. Hay 70% harvested, 67% 1984, 72% avg. Pasture 44% fair, 56% good.

**MISSOURI:** Temperatures below normal, precipitation averaged 1.00 in.

Days suitable for fieldwork 4.4. Topsoil moisture 36% short, 58% adequate, 6% surplus. Corn 1% poor, 27% fair, 56% good, 16% excellent; silking 100%, 92% 1984, 93% avg.; dough 80%, 49% 1984, 59% avg.; dent 43%, 28% 1984, 28% avg. Soybeans 1% poor, 30% fair, 56% good, 13% excellent; blooming 80%, 75% 1984, 71% avg.; setting pods 58%, 44% 1984, 41% avg. Grain sorghum 1% poor, 30% fair, 63% good, 6% excellent; heading 76%, 77% 1984, 68% avg. Cotton 3% poor, 37% fair, 60% good; setting bolls 100%, 100% 1984, 92% avg.; bolls open 3%, none 1984, 1% avg. Winter wheat harvested 100%, 100% 1984, 97% avg. Third crop alfalfa cut. Pastures 11% poor, 51% fair, 34% good, 4% excellent.

**MONTANA:** Significant rain late week. Amounts ranged from 0.25 to over 1.00 in. west, portions of north central and central areas. Rest of State lesser amounts, 0.10 in. northeast and southeast, around 0.20 in. elsewhere. Snow over Continental Divide from Canadian border to near Helena. Temperatures mild first of week, maximum temperatures in 80s; 90s. Cooling late week with daytime temperatures 60s, 70s. Temperatures averaged about 40 below normal.

Days suitable for fieldwork 4.9. Topsoil moisture 67% short, 33% adequate. Subsoil moisture 96% short, 4% adequate. Winter wheat turning color 5%, 5% 1984, 15% avg.; ripe but not harvested 30%, 25% 1984, 40% avg.; harvested for grain 65%, 70% 1984, 45% avg. Spring wheat turning color 20%, 30% 1984, 45% avg.; ripe but not harvested 45%, 45% 1984, 30% avg.; harvested for grain 35%, 25% 1984, 15% avg. Barley turning color 20%, 30% 1984, 40% avg.; ripe but not harvested 40%, 35% 1984, 30% avg.; harvested for grain 40%, 30% 1984, 20% avg. Oats turning color 25%, 40% 1984, 40% avg.; ripe but not harvested 35%, 30% 1984, 30% avg.; harvested for grain 40%, 20% 1984, 20% avg. Second cutting alfalfa hay 65%, 35% 1984, 35% avg. Livestock moved from summer ranges; cattle and calves 25%; sheep and lambs 25%. Stockwater supplies 70% short, 30% adequate.

**NEBRASKA:** Precipitation 1.70 in. south central, 3.30 in. southeast, 0.50 in. elsewhere. Temperatures normal Panhandle, 2 to 30 below normal remainder of State.

Days suitable for fieldwork 5.3. Topsoil moisture 19% short, 73% adequate, 8% surplus. Subsoil moisture 23% short, 77% adequate. Winter wheat harvest 100%, 99% 1984, 100% avg. All corn 1% poor, 12% fair, 69% good, 18% surplus. Irrigated corn 3% fair, 76% good, 21% excellent. Non-irrigated corn 3% poor, 30% fair, 55% good, 12% excellent. Corn silking 99%, 90% 1984, 95% avg. Corn dough 45%, 25% 1984, 30% avg. Corn dent 4%, 1% 1984, 4% avg. Soybeans 13% fair, 70% good, 17% excellent. Soybeans blooming 100%, 90% 1984, 90% avg. Soybeans setting pods 80%, 55% 1984, 50% avg. Sorghum 13% fair, 77% good, 10% excellent. Sorghum headed 70%, 45% 1984, 60% avg. Alfalfa 4% poor, 37% fair, 57% good, 2% excellent. Alfalfa third cutting 25%, 15% 1984, 15% avg.

**NEVADA:** Series of storms passed through State with resulting cloudiness. Few thundershowers in extremes northeast early week. Cooler temperatures recorded near end of period. Strong winds swept across north late week. Despite all this, skies remained sunny most areas. Temperatures averaged near normal or a little

below normal time of year. Extremes 270; 1130.

Mostly dry weather favored having, small grain combining operations. Ranges, pastures continued to deteriorate from high temperatures lack of rain.

**NEW ENGLAND:** Precipitation averaged less than 0.25 in. over most northern areas. Southern areas averaged between 0.75 and 1.00 in. Average temperatures ranged from upper 60's in northern Maine to low in mid 70's central, southern areas.

Days suitable for fieldwork 6.0. Field progress on schedule. Soil moisture 100% adequate south; 50% short, 50% adequate north. Second crop hay 60% cut, 55% 1984, 55% avg.; quality good to excellent. Field corn 50% good, 50% excellent. Sweet corn 40% harvested in southern States. Early apple, peach harvest underway. Wild blueberry harvest in full swing.

**NEW JERSEY:** Temperatures averaged near normal. Extremes 530; 900. Weekly rainfall averaged 1.06 in. north, 1.23 in. central, 1.72 in. south. Heaviest 24-hour total 3.20 in. on 7th, 8th. Estimated soil moisture, in percent of field capacity, averaged 73% north, 73% central, 76% south. Four inch soil temperatures average 700 north, 680 central, 720 south.

Scattered thundershowers continue to maintain adequate soil moisture levels in most areas. Summer vegetable harvest active. Irish potato harvest increasing. Sweetpotato making good growth. Blueberry harvest complete. Good peach, early season apple movement continued. Combining of wheat, rye, oats about complete. Most field corn, soybeans excellent condition. Second cutting of oats complete. Pasture growth good most areas.

**NEW MEXICO:** Average temperatures few degrees above normal eastern Plains, near normal elsewhere. Temperatures 420, northern mountains, to 1030, southeastern Plains. Thundershowers over most areas; mountainous areas received over 1.00 in. Precipitation none northeastern Plains to 2.34 in., northern mountains.

Days suitable for fieldwork 5.7. Soil moisture 21% short, 65% adequate, 14% surplus. Hail damage 73% none, 18% light, 9% severe. Alfalfa 23% fair, 77% good. Cotton 11% fair, 89% good; 99% setting bolls, 99% 1984, 97% avg. Corn 60% good, 40% excellent. Irrigated grain sorghum 14% fair, 72% good, 14% excellent. Dryland grain sorghum 33% fair, 67% good. Pecans 29% fair, 71% good. Apples 50% fair, 50% good. Chile 87% good, 13% excellent. Onions 80% good, 20% excellent. Cattle 8% fair, 92% good. Sheep 9% fair, 91% good. Range 15% poor, 23% fair, 47% good, 15% excellent.

**NEW YORK:** Temperatures above average, precipitation below normal.

Days suitable 6.4. Soil moisture 8% very short, 44% short, 48% adequate. Pasture 22% poor, 61% fair, 17% good. Hay 4% poor, 39% fair, 57% good. Corn 21% fair, 63% good, 16% excellent. Alfalfa 2nd cut 57% harvested, 61% 1984, 66% avg. Wheat 72% harvested, 90% 1984, 87% avg. Oats 27% harvested, 19% 1984, 29% avg. Fruit crops under moisture stress.

**NORTH CAROLINA:** Temperatures ranged 4 to 60 below normal across State. Rainfall ranged from none to 4.72 in.

Days suitable for fieldwork 4.7. Soil moisture 8% short, 78% adequate, 14% surplus. Tobacco 15% fair, 79% good, 6% excellent; harvested 20%, 30% 1984, 40% avg. Corn 8% poor, 28% fair, 57% good, 7% excellent; silked 100%, 98% 1984, 98% avg.; soft dough 92%, 78% 1984, 82% avg.; dent 77%, 46% 1984, 64% avg.; mature 50%, 19% 1984, 18% avg.

Cotton 10% fair, 85% good, 5% excellent; squared 100%, 92% 1984, 96% avg.; bloomed 92%, 85% 1984, 85% avg. Peanuts 11% fair, 84% good, 5% excellent. Soybeans 9% fair, 85% good, 6% excellent; flowered 50%, 62% 1984, 58% avg.; pods set 20%, 26% 1984, 26% avg. Hay 27% fair, 70% good, 3% excellent. Sweetpotatoes 7% fair, 86% good, 7% excellent. Apples 27% poor, 20% fair, 53% good. Pasture 1% poor, 36% fair, 59% good, 4% excellent. Major farm activities: Topping, suckering and harvesting tobacco, cutting silage, spraying soybeans and peanuts, harvesting vegetables, scouting for weed and insect control, harvesting hay, spraying apples, and general farm maintenance.

**NORTH DAKOTA:** Cool week with widespread light to moderate rainfall. District precipitation ranged from 0.06 in. south central to 0.93 in. northeast. All climatic districts except northeast running below normal for growing season. Temperatures varied widely with highs mid 90's midweek, lows mid to upper 30's morning of 10th. Some light frost reported east central 10th. Extremes ranged from 96° on 8th to 35° on 10th. Weekly district temperature averages ranged from 4° below normal north central, west central to 1° below normal south central, southeast.

Soil moisture supplies improved. Topsoil supplies above average with 58% adequate, 42% short or very short, 58% adequate. Subsoil supplies less than average at 68% short or very short, 32% adequate. Progress of small grain harvest near normal. Barley 52% combined, 51% 1984, 46% avg. Hard red spring wheat 22% combined, 17% 1984, 23% avg. Flax development ahead of normal. Development of corn, soybeans, dry beans near normal, while sunflower lags average. Sunflower 54% bloom or beyond, 71% 1984, 67% avg. Sunflower 5% poor, 31% fair, 61% good, 3% excellent. Corn 61% milk and beyond, 69% 1984, 63% avg.

**OHIO:** Temperatures near normal. Average highs upper 70's to low 80's. Average lows upper 50's to mid 60's. Rainfall generally under 0.50 in. ranging from 0.07 to 1.05 in.

Fieldwork 5.0 days suitable. Rains early week improved topsoil moisture rated 35% short, 65% adequate. Farm activities baling hay and straw, combining small grains, harvesting vegetables and fruits, topping tobacco. Corn 8% fair, 67% good, 25% excellent; silking 100%, 90% 1984, 95% avg.; dough 75%, 25% 1984, 35% avg. Soybeans 13% fair, 75% good, 12% excellent; blooming 100%, 95% 1984, 90% avg.; setting pods 75%, 50% 1984, 60% avg. Grasslands need moisture for regrowth. Fruit, vegetable harvests advanced rapidly, early. Tobacco topping 50% complete; far ahead.

**OKLAHOMA:** Temperatures averaged 20 below normal north central to 4° above normal southeast. Precipitation averaged 0.23 in. southwest to 2.77 in. east central.

Days suitable for fieldwork 6.0. Topsoil moisture 45% short, 50% adequate, 5% surplus. Subsoil moisture 15% short, 85% adequate. Wheat 100% harvested, 100% 1984, 100% avg. Growers now applying fertilizer. Sorghum 37% fair, 60% good, 3% excellent. Sorghum 75% heading, 55% 1984, 65% avg. Dry weather hurting crop south. Insects active. Cotton 40% fair, 60% good. Cotton 80% setting bolls, 50% 1984, 45% avg. Moisture aiding development. Insect infestations building. Rainfall providing lush pastures north. Cattle marketing average, prices up \$2 to \$3 per cwt.

**OREGON:** Temperatures well below normal all areas except coast. Some northeastern spots below freezing morning of 9th. All regions had rain.

Heaviest precipitation north coast, coast range.

Soil moisture 73% short, 27% adequate. Winter wheat 67% fair, 33% good; 79% harvested, 58% 1984, 70% avg. Barley 77% harvested. Field burning grass seed fields central area. Fall fieldwork in preparation for planting Willamette Valley. Haying varies from 2nd to 3rd cutting, some downed hay damage by rain. Sugarbeet seed harvest completed Jackson County, preparing for planting of next year's crop. Mint distilling in central region, Willamette Valley. Early peach harvest started. Italian prune harvest neared completion Milton-Freewater. Blueberry harvest past peak in Willamette Valley. Blackberry harvest continued. Raspberry pruning, spraying. Strawberry fields renovation. Cranberry fruit set poor to good, sizing well. Some filbert orchards showed drought stress with poor kernel fill, second worm sprays applied. Russet, Burbank harvest began at Hermiston-Boardman. Norgold harvest continued Malheur County. Onion harvest started Milton-Freewater, Malheur County. Onion tops down Willamette Valley. Sweet corn harvest started in west; corn earworm problems being treated. Snap beans, cucumbers, broccoli harvest continued Willamette Valley. Some rains caused head rot in broccoli. Garlic seed, flower seed harvest started in central region. Easter lily harvest at coast. Livestock good. Western range, pasture fair, still dry following rains. Low elevations of east, range still dry. High elevation ranges good, some regrowth started.

**PENNSYLVANIA:** Average rainfall 0.87 in., 0.03 in. below normal. Average temperature 71°, 10° above normal.

Days suitable for fieldwork 5.0. Soil moisture 33% short, 64% adequate, 3% surplus. Corn 1% very poor, 2% poor, 16% fair, 30% good, 51% excellent. Soybeans 1% very poor, 2% poor, 17% fair, 47% good, 33% excellent. Wheat harvest virtually complete, 93% 1984. Barley harvest reported complete. Oats 79% harvested, 46% 1984. Potatoes 28% harvested, 9% 1984. Corn silked 54%; 25% dough; 1% dent stage; 1984 80% silked; 17% dough; 3% dent stage; five year avg. 83% silked. Second crop alfalfa 91% harvested, 75% 1984. Third crop alfalfa 39% harvested, 19% 1984. Second cutting clo-tim 62% complete, 56% 1984. Quality of hay made 3% poor, 37% fair, 60% good. Amount of feed being obtained from pastures 38% below avg.; 59% avg.; and 3% above avg. Apples 12% harvested, peaches 64% harvested. Activities for week included: Combining wheat, oats; harvesting hay, potatoes, apples, peaches and other vegetables; spraying alfalfa, seeding alfalfa; fall plowing and irrigating corn.

**PUERTO RICO:** Island average rainfall 0.73 in., 0.73 in. below normal. Highest weekly total 3.72 in. Highest 24-hour total 1.83 in.

Temperature averaged about 82 to 83° on coasts, 76 to 78° interior divisions. Mean station temperatures ranged from 67° to 84°. Extremes 60°; 95°. Total rainfall 0.31 in. minus 0.96 in.

**SOUTH CAROLINA:** Large mass of cool air dominated State early week. Typical hot, humid weather weekend. Temperatures 8 to 10° below normal 4th and 5th. Climbed to 1 to 2° above as week ended. Little or no rainfall early week. Scattered afternoon, evening thundershowers late half week.

Days available for field activities 3.4. Soil moisture 7% short, 76% adequate, 17% surplus. Soybeans 22% fair, 78% good. Soybeans blooming 67%, 53% 1984, 60% avg.; setting pods 25%, 20% 1984, 23% avg. Cotton 37% fair, 63% good. Cotton setting bolls 92%, 94% 1984, 98% avg. Tobacco good 48% harvested, 70% 1984, 61% avg. Apples

fair; 11% harvested, 6% 1984, 5% avg. Pastures good. Hay fair to good.

**SOUTH DAKOTA:** Average temperatures 5 below to 4° above normal. Extremes 36°; 109°. Rainfall widespread, varied.

Days suitable for fieldwork 5.1. Topsoil moisture critically short western one-half short to adequate east; 17% critically short, 44% short, 39% adequate. Corn 3% very poor, 4% poor, 13% fair, 65% good, 15% excellent. Corn 84% silked, 72% 1984, 82% avg. Corn 21% dough, 14% 1984, 17% avg. Winter wheat 99% harvested, 96% 1984, 96% avg. Spring wheat 69% harvested, 46% 1984, 69% avg. Sorghum 3% very poor, 11% poor, 28% fair, 46% good, 12% excellent. Sorghum 42% headed, 43% 1984, 53% avg. Soybeans 9% fair, 77% good, 14% excellent. Soybean 88% blooming, 69% 1984, 90% avg. Soybeans 56% podding, 47% 1984, 62% avg. Range, pastures good northeast, east central, poor southwest, fair elsewhere. Livestock good north, east; fair west central, southwest. Feed, stockwater supplies short central, west; adequate east.

**TENNESSEE:** Rainfall amount varied. Some local amounts exceeded 2.00 in. Areas of below normal amounts northwest, northeast. Temperatures near normal middle, west; slightly below normal east.

Farmers averaged 4.0 days suitable for fieldwork. Soil moisture 14% short, 77% adequate, 9% surplus. Crop benefit from shower activity; rated in good condition. Corn 85% dough, 65% 1984, 75% avg.; 45% dent, 20% 1984, 35% avg.; 10% mature, 1% 1984, 5% avg.; 1% very poor, 4% poor, 10% fair, 58% good, 27% excellent. Cotton 98% setting bolls, 85% 1984, 85% avg.; 5% open bolls, 2% 1984, 2% avg.; 11% fair, 63% good, 26% excellent. Sorghum 85% headed; 40% colored; 5% poor, 16% fair, 60% good, 19% excellent. Soybeans 75% blooming, 75% 1984, 70% avg.; 40% setting pods, 20% 1984, 25% avg.; 3% poor, 16% fair, 70% good, 11% excellent. Tobacco 70% topped; burley 10% harvested, 1% 1984, 8% avg., dark-fired 2% harvested, 5% 1984, 9% avg.; dark-air cured 5% harvested, 3% 1984, 12% avg.; 2% poor, 26% fair, 67% good, 5% excellent. Pasture 2% very poor, 2% poor, 40% fair, 48% good, 8% excellent.

**TEXAS:** Hot, dry weather prevailed. Central, south void of showers, temperatures soared into upper 90's and low 100's each day. Surface low pressure system penetrated Panhandle, Red River Valley few storms 5th, 6th. Other thunderstorms widely scattered Trans-Pecos, South Plains weekend. No rainfall Central, South. Scattered showers well below normal East, Trans-Pecos, High Plains. Temperatures well above normal South, West, North central Texas. Unusually hot soil temperatures mirrored daily cycle of heat, full sunshine over Central, South, Edwards Plateau. Drying potentials maximum for all areas scattered rainfall ineffective to soil moisture.

Crops: Grain sorghum 82% headed, 76% 1984, 83% avg.; 68% turning color, 63% 1984, 66% avg.; 52% mature, 56% 1984, 57% avg.; 44% harvested for grain, 52% 1984, 53% avg. Condition 87% of normal, 67% 1984. Sorghum 20% fair, 63% good, 17% excellent. Harvest progressed rapidly Central, Blacklands, East into Low Plains. Yields varied from good to excellent, only few reports below average yield. Treatment greenbugs underway High Plains. Irrigated, dryland fields presently look good. Corn 98% silked; 79% doughing; 61% dented; 49% mature; 14% harvested, 37% 1984, 27% avg. Condition 89% of normal, 70% 1984. Corn 18% fair, 60% good, 22% excellent. Harvest good progress across central southern regions under hot, dry conditions. Activities increased Blacklands. Watering continued High Plains. Harvesting progress potions East, along Upper Coast. Cotton

98% squaring, 95% 1984, 97% avg.; 71% setting bolls, 79% 1984, 78% avg.; 9% open bolls, 9% 1984, 10% avg.; 6% harvested, 5% 1984, 3% avg. Condition rated at 80% of normal, 70% 1984. Cotton 1% poor, 40% fair, 46% good, 13% excellent. Crop continues look good, expectations high most areas. Cotton continued blooming Plains. Bollworm outbreaks high past week, moderate damage reported some areas. Cotton opening rapidly Blacklands, East Central. Some defoliation underway South central. Harvest continued Coastal Bend, Rio Grande Valley. Yields good to excellent. Rice 76% headed, 100% 1984, 100% avg.; 50% turning color, 85% 1984, 93% avg.; 21% harvested, 41% 1984, 60% avg. Conditions 90% of normal. Rice 15% fair, 61% good, 24% excellent. Harvest progressed rapidly along Upper Coast. Early yields good. Outlook continues high. Peanuts continued good progress most producing areas: Heavy fruiting Plains. Some dryland fields Edwards Plateau could use good rain. Most irrigated fields look good, little insect problems. Weediness problem some areas. Soybean High Plains look good, isolated stem cancer. Early fields harvested along Upper Coast. Late beans showing slow growth because dry conditions. Good rain needed to help fill out pods.

**Commercial Vegetables:** Rio Grande Valley, land preparation fall vegetables continued. Some tomatoes, peppers planted, stands set. San Antonio-Winter Garden, scattered fields cantaloups remain. Land preparation fall planting continued. East Texas, sweetpotato harvest underway, good yields reported. Light harvest peas, tomatoes, melons continued. High Plains, onion, potato harvest progressed rapidly. Carrot, cucumber harvest underway. Cabbage harvest slowed because market conditions. Trans-Pecos, few fields cantaloup remain. Harvest chilies underway shortly. Few later peach varieties remain. Pecans continued show good potential. Many groves water stage. Aphid damage continued plague some groves. Heavy drop expected many areas if good rain not received soon.

**Range and Livestock:** Range, pasture conditions beginning to decline many areas because lack of moisture. Livestock conditions remain good; they could decline as range conditions decline. Market weak. Goat shearing continued.

**UTAH:** Dry week. No measurable precipitation at any of 44 reporting stations. Two stations had trace. Temperatures about normal except Uintah Basin 2° above.

Days suitable for fieldwork 6.7. Moisture averaged short to adequate. Small grain harvest in full swing, yields mostly average to slightly above average. Winter wheat 78% harvested; barley 57% harvested; spring wheat 86% ripe, 34% harvested; oats 69% ripe, 19% harvested. Almost all corn tasseling, most have ears forming. Second cut alfalfa 88% complete. Extreme southwest starting 4th cut, other central areas about to begin 3rd cut. Meadow hay 61% harvested. Early peach, summer apple harvest underway. Ranges dry but livestock in good shape.

**VIRGINIA:** Cloudy, cool with widely scattered showers. Sunny, dry 10th to 11th. Temperatures rose through period. Averaged below normal.

Days suitable for fieldwork 4.3. Soil moisture 16% short, 76% adequate, 8% surplus. Rain continues to improve outlook. Some areas still dry. Corn good to mostly excellent; 97% silked, 88% 1984, 89% avg.; 53% dough stage, 58% 1984, 64% avg.; 30% dent, 31% 1984, 36% avg. Some harvested for silage. Grain harvest approaching. Soybeans mostly excellent; 62% blooming; 32% setting pods; 54% and 28% 1984. Peanuts mostly excellent, acclerotinia and leaf spot causing concern. Tobacco excellent condition, topping and sucker

control active. Flue-cured 10% harvested, 19% 1984, 24% avg. Fire-cured 6% harvested, 14% 1984, 16% avg. Sun-cured 11% harvested, 2% 1984, 11% avg. Burley topping continues. Apples 13% harvested, 9% 1984. Commercial potato harvest winding down. Vegetable, melon harvests active. Preparing fall vegetable fields. Pastures, hay greatly improved. Hay harvest active, fertilizing and overseeding.

**WASHINGTON:** Showers in eastern areas, drizzle reported along coast. Temperatures ranged from normal to 6° below normal.

Days suitable for fieldwork 6.0. Soil moisture 60% poor, 40% fair. Hay, roughage 50% short, 50% adequate; range and pasture, 100% short. Scattered showers slowed grain harvest. Winter wheat harvested 60%, 46% 1984, 60% avg. Spring wheat 52%, 40% avg. Barley 62%, 41% avg. Peach, blueberry harvest continued. Cauliflower, broccoli, tomato, sweet corn, potato harvest continued.

**WEST VIRGINIA:** Temperatures 1° below normal. Low 46° Greenbank, high 95° Williamson. Weekly average 71°. Precipitation below normal. Most rainfall 1.80 in. Beckley, least in Wheeling 0.11 in. Weekly average 0.64 in.

Days worked 4.6. Soil moisture adequate to short. Harvesting hay clipping pasture, gardening.

**WISCONSIN:** Averaged temperatures 1 to 4° above normal. Precipitation 2.00 to 2.30 in. north, 0.80 to 0.90 in. central, 0.60 to 1.00 in. south.

Days suitable for fieldwork 5.6. Soil moisture 61% short, 39% adequate. General crop condition, 2% very poor, 11% poor, 35% fair, 49% good, 3% excellent. Corn 2% very poor, 7% poor, 33% fair, 53% good, 5% excellent; silked 79%, 84% 1984, 81% avg.; dough 26%, 20% 1984, 25% avg. Second cutting of hay 84% complete, 62% 1984, 69% avg. Third cutting of hay 10% complete, none 1984, 2% avg. Winter wheat 90% harvested, 79% 1984, 76% avg. Oats 59% harvested, 42% 1984, 45% avg. Tobacco topped north, south areas. Commercial snap beans, sweet corn harvest in full swing, cucumber harvest started. Pastures 58%, 78% 1984, 76% avg.

**WYOMING:** Temperatures, precipitation below normal.

Days suitable for fieldwork, 6.0. Topsoil moisture 73% short, 27% adequate. Subsoil moisture 86% short, 14% adequate. Winter wheat 10% mature, 40% 1984; 90% harvested, 55% 1984, 65% avg. Barley 15% turning color, 20% 1984; 45% mature, 55% 1984; 35% harvested, 20% 1984, 25% avg. Spring wheat 15% turning color, 35% 1984, 65% avg.; 40% mature, 40% 1984, 40% avg.; 45% harvested, 20% 1984, 20% avg. Oats 30% turning color, 35% 1984; 35% mature, 40% 1984; 20% harvested, 10% 1984, 10% avg. Second cutting alfalfa 40% complete, 40% 1984, 30% avg. Other hay 75% harvested 60% 1984, 60% avg. Dry beans 65% bloom, 95% 1984, 85% avg.; 80% setting pods, 85% 1984. Corn 70% tasseled, 90% 1984, 70% avg.; 60% silked, 65% 1984; 25% milk. Hail damage to crops 45% none; 35% 1984; 40% light, 45% 1984; 10% moderate, 15% 1984; 5% severe, 5% 1984. Damage reported to wheat, barley, oats, hay. Livestock good. Range, pasture 40% poor, 50% fair, 10% good.

## Crop Production Highlights

**ALL WHEAT** production is forecast at 2.38 billion bushels, 8 percent less than 1984. The 90 percent confidence interval for this production forecast is 2.30 to 2.45 billion bushels.

**FOOD GRAIN** production (wheat, rice, rye) is expected to total 70.8 million in 1985, down 9 percent from 1984.

**CORN FOR GRAIN** production is forecast at a record high 8.27 billion bushels, 8 percent more than last year. The 90 percent confidence interval for this production forecast is 7.08 to 9.46 billion bushels.

**FEED GRAIN** production (corn, sorghum, oats, and barley) is expected to total, up 9 percent from 1984.

**SOYBEAN** production is forecast at 1.96 billion bushels, 5 percent above last year and 20 percent

above the drought-stricken 1983 crop. The 90 percent confidence interval for this production forecast is 1.76 to 2.16 billion bushels.

**ALL COTTON** production is forecast at 13.8 million bales, an increase of 6 percent over the 1984 crop. The 90 percent confidence interval for this production forecast is 11.7 million to 15.8 million bales.

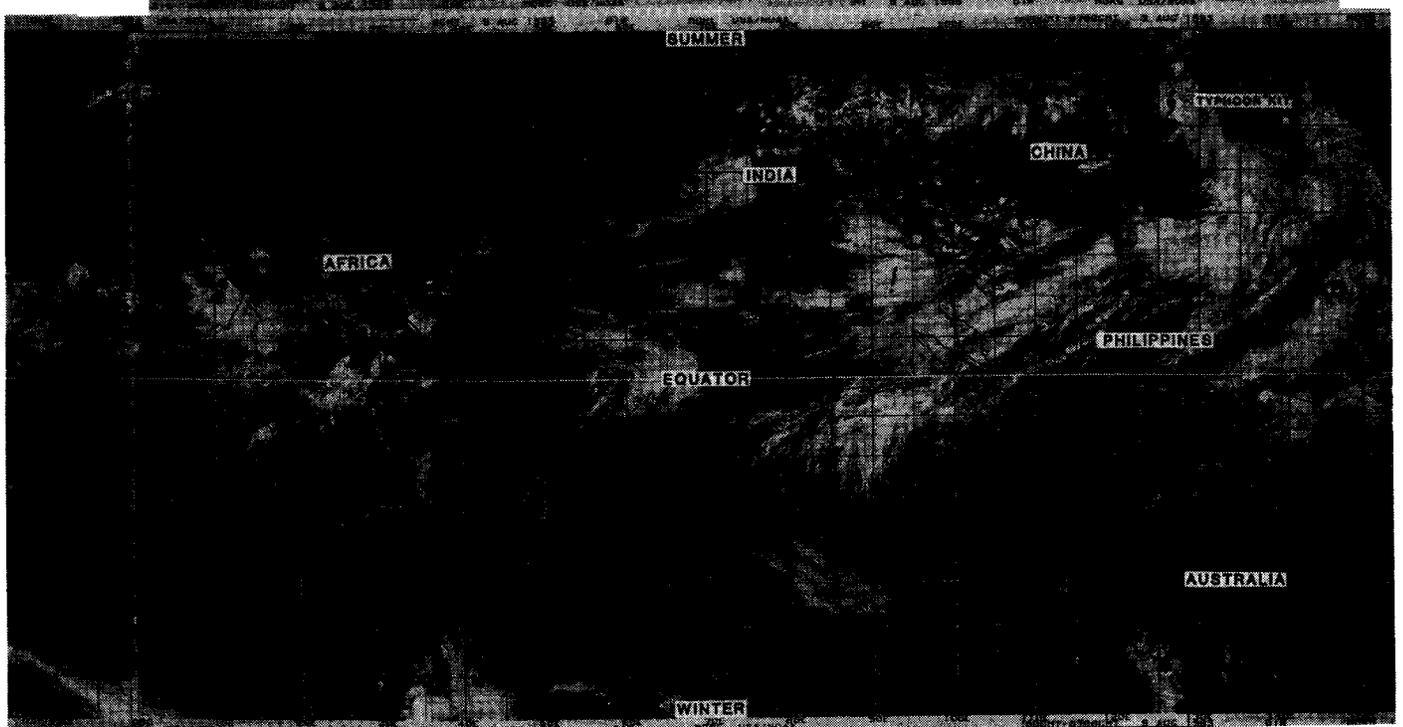
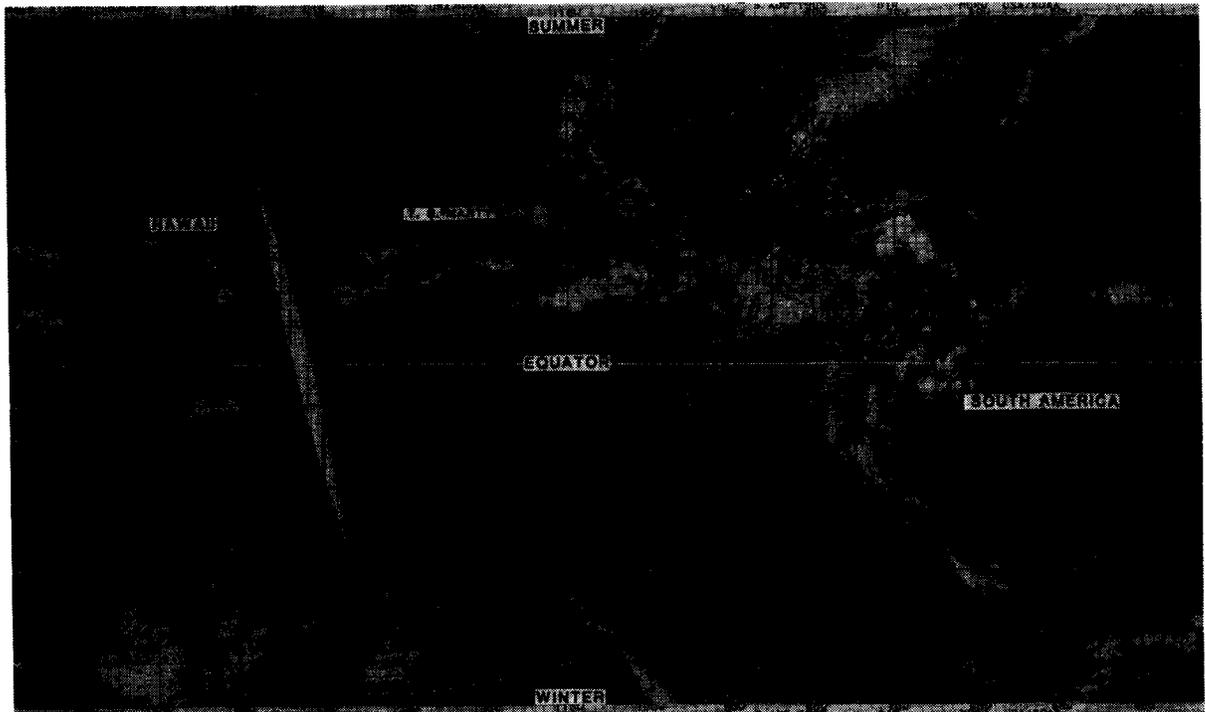
**ALL TOBACCO** production is forecast at 1.51 billion pounds, 12 percent below 1984 but 6 percent above 1983.

**PEANUT** production is estimated at 4.26 billion pounds, down 3 percent from last year's record crop but 29 percent above 1983.

**NUMBER OF FARMS** in the U.S. in 1985 is estimated at 2.29 million, down 2 percent from 1984. Land in farms declined 3.80 million acres from the previous year. Average size of farms increased from 438 last year to 445 acres in 1985.

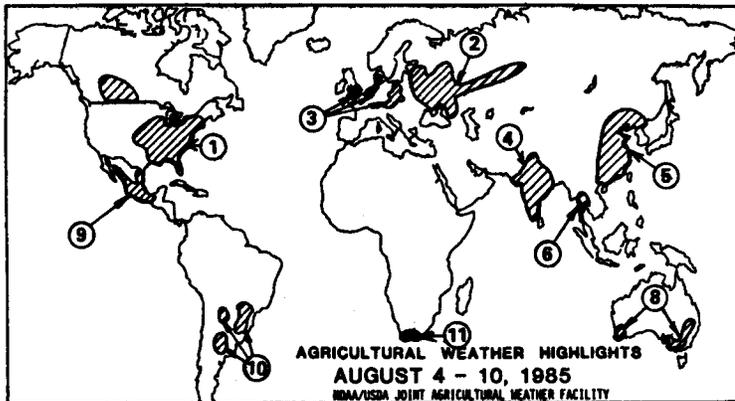
# GLOBAL WEATHER SATELLITE PHOTO

AUGUST 9



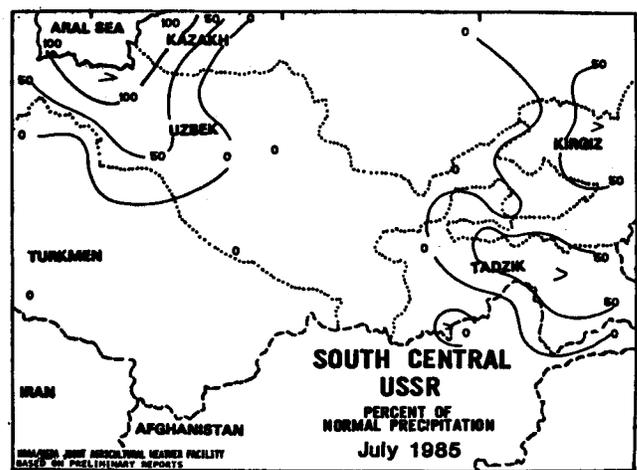
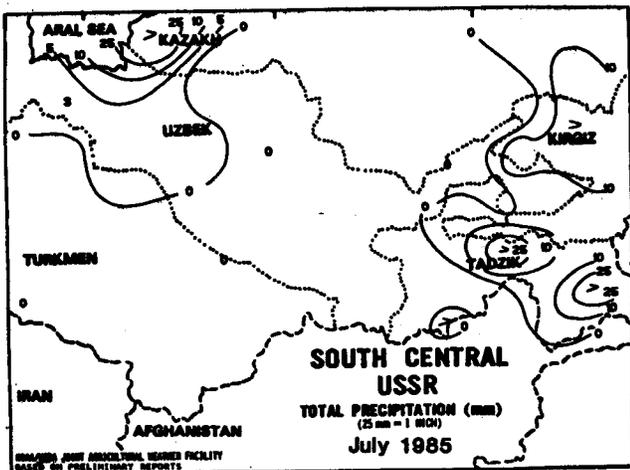
International Weather and Crop Summary

August 4 - 10

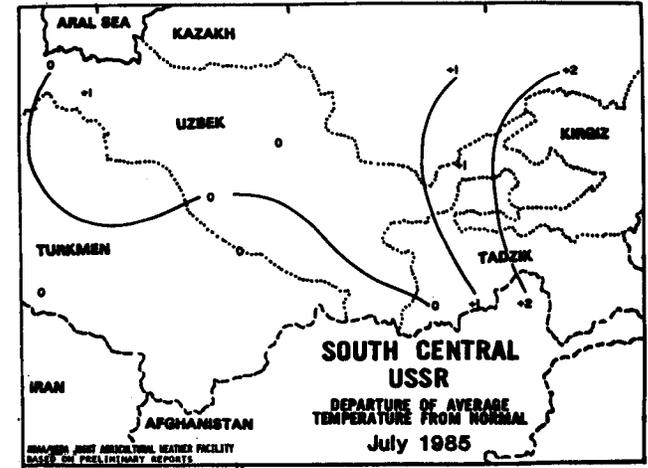
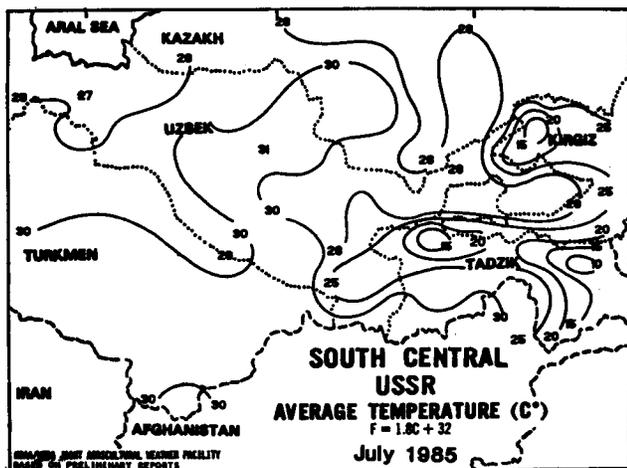
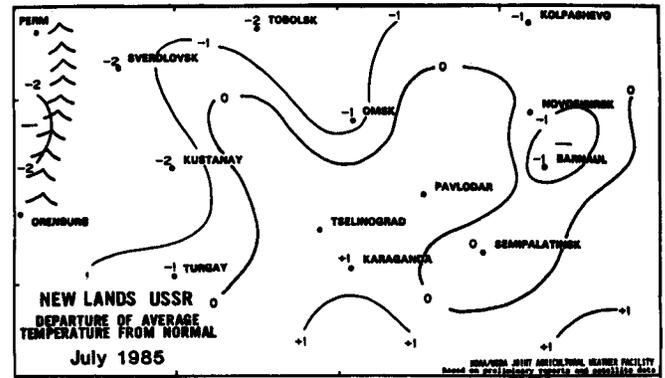
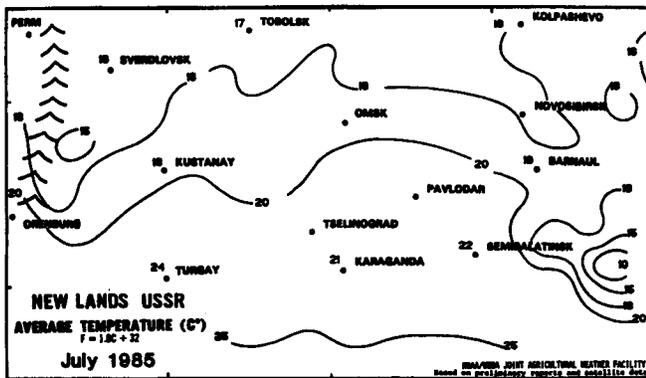
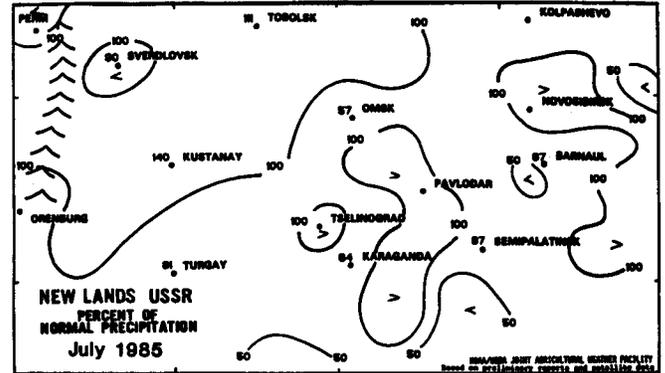
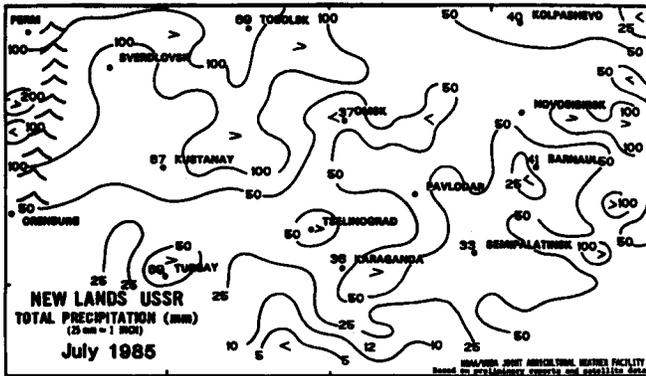
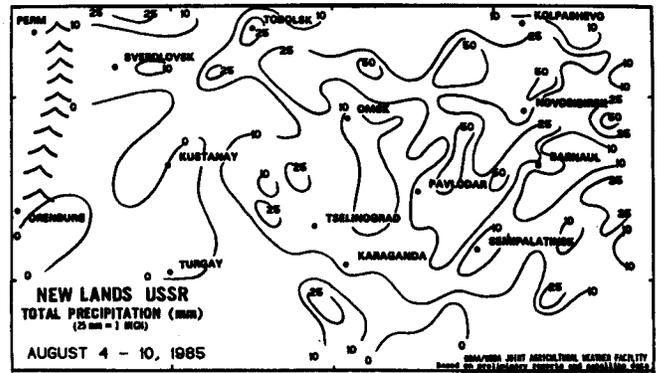


HIGHLIGHTS

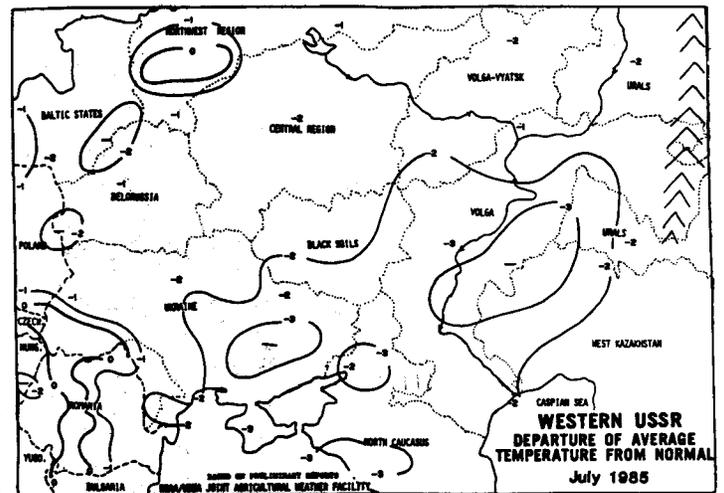
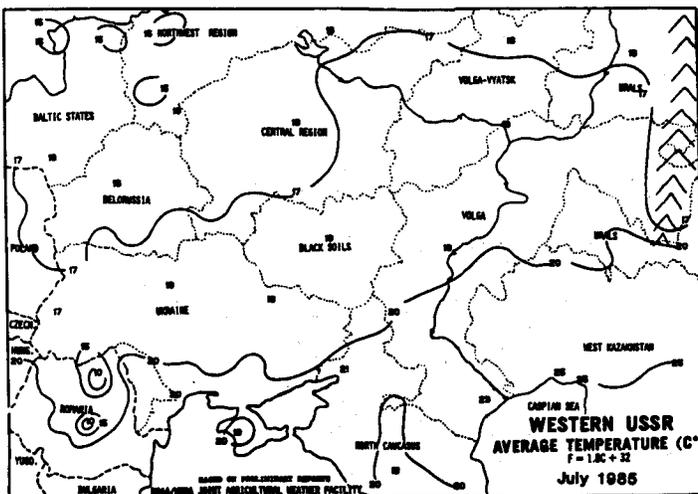
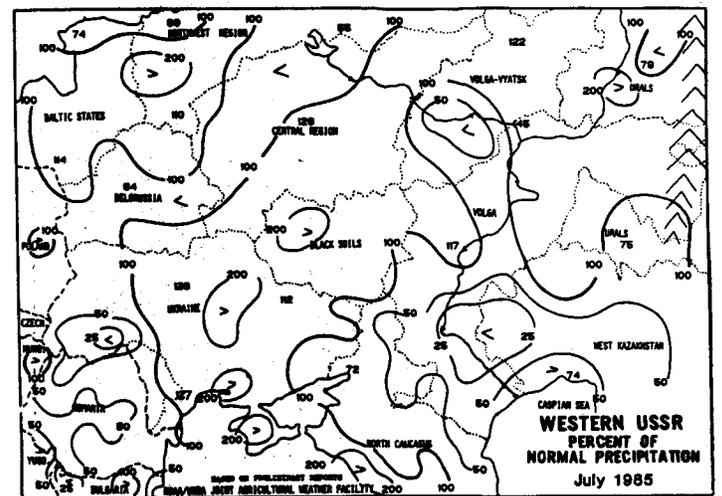
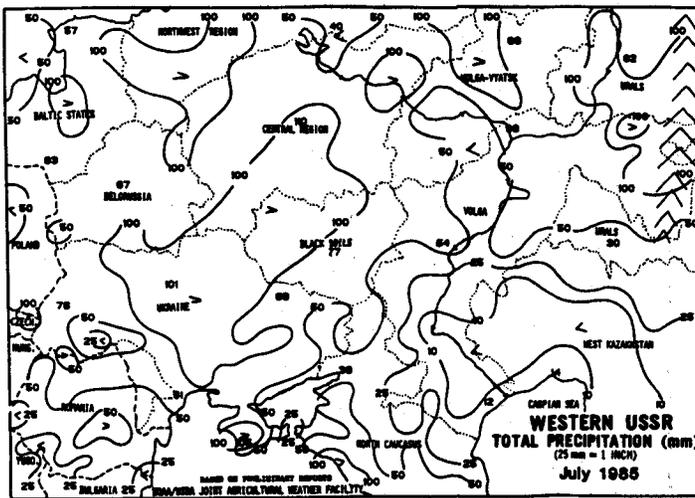
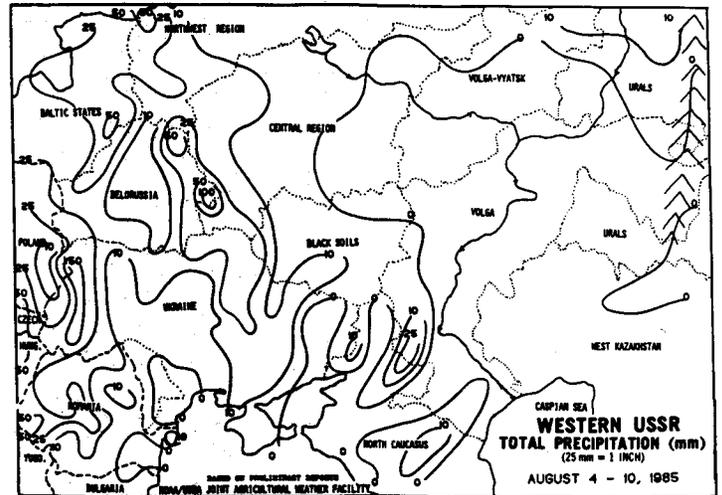
1. **UNITED STATES** ... Rain over the eastern half of the Nation benefits crops, especially over most of the Corn Belt.
2. **USSR** ... In Western USSR, showers cause some harvest delays in the west, while hot, dry weather in the east aids harvesting but stresses row crops. In the New Lands, warm, wet weather in the east favors crop growth.
3. **EUROPE** ... Persistent showers in the north delay harvesting and cause concern about the possibility for reductions in grain quality. Heavy rain in Austria, Czechoslovakia, and Poland likely causes localized flooding.
4. **SOUTH ASIA** ... Most rice areas have adequate moisture, while marginal rain has fallen in the cotton and groundnut region.
5. **EASTERN ASIA** ... Dryness is unfavorable for late rice crops entering the heading stage, while moisture is adequate for most intermediate rice. Most summer crops in the North China Plain and Manchuria have adequate moisture.
6. **SOUTHEAST ASIA** ... Widespread showers benefit corn and rice over most crop areas.
7. **AUSTRALIA** ... Significant rain benefits wheat in the chronically dry southeast. Most wheat areas have improved from earlier unfavorable dry conditions.
8. **CANADA** ... Recent showers help filling of grains and oilseeds in the north and east, but light showers come too late for maturing crops in the southwest. Unseasonably cold weather pushes into the region.
9. **MEXICO** ... Continued lack of significant rain stresses some immature crops in the southern Plateau corn belt.
10. **SOUTH AMERICA** ... Showers in Argentina's central wheat area aid crop emergence as wheat planting continues throughout the region. Locally heavy rain soaks Brazil's southern wheat while dryness in Parana matures the crop.
11. **SOUTH AFRICA** ... Above-normal July rain benefits wheat in the southwestern Cape Province.



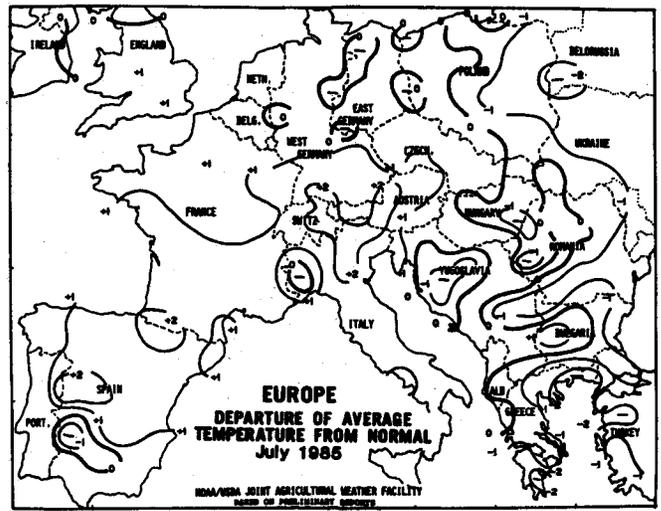
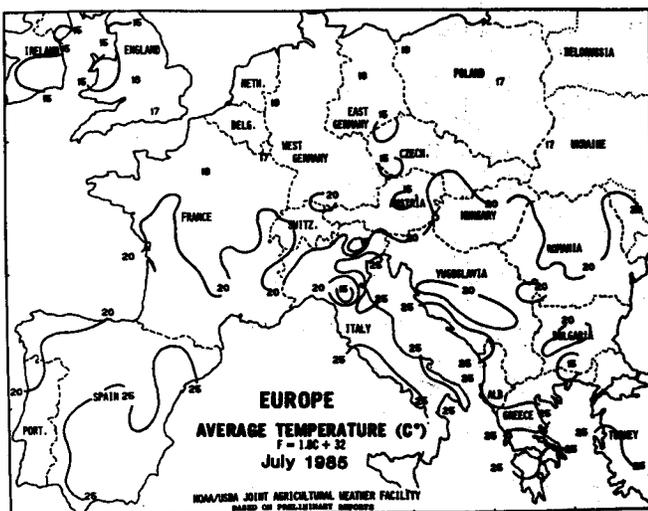
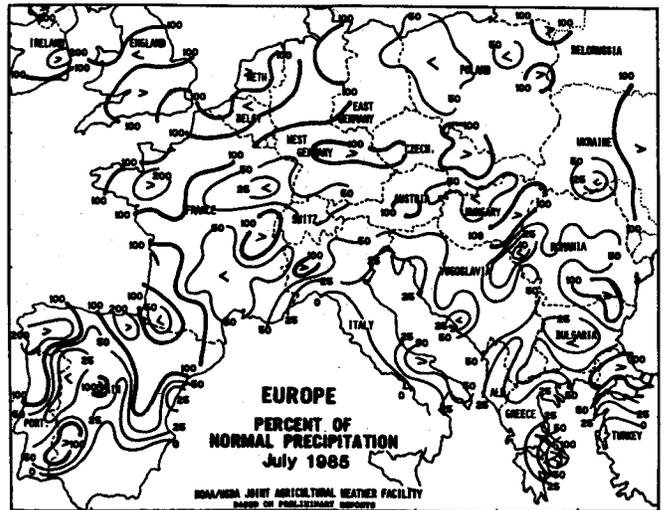
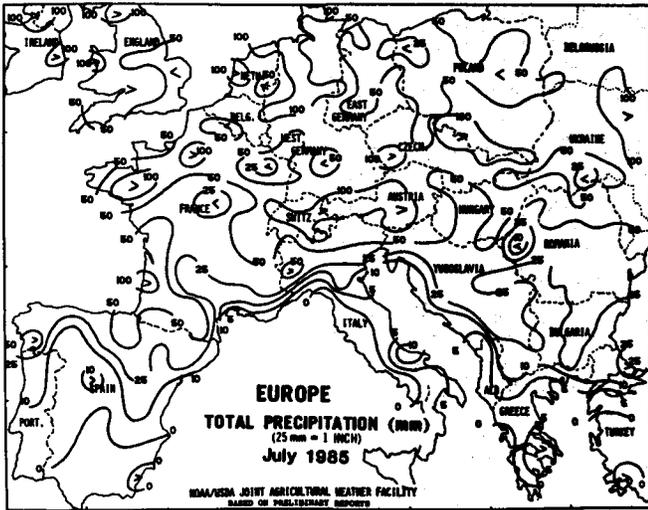
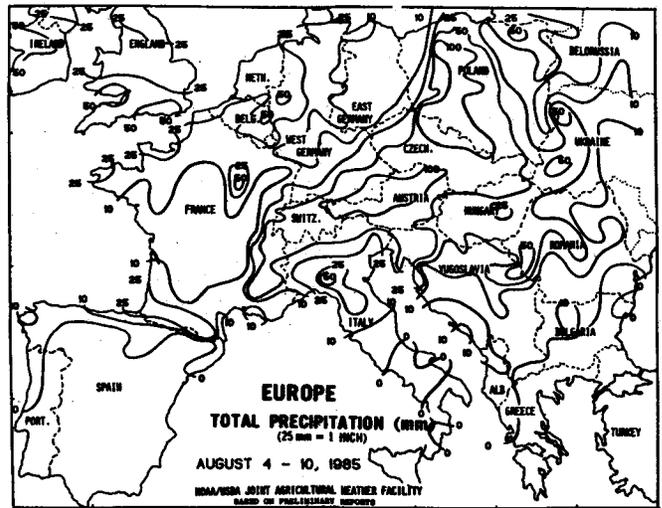
**NEW LANDS...** Unseasonably warm, dry weather covered western spring wheat areas, favoring crop maturation and aiding early harvest activity in the south. In eastern spring wheat areas, above-normal temperatures during the past two weeks replaced unseasonably cold weather, enhancing crop growth. Light to moderate showers in northern and eastern areas favored spring wheat in the filling stage. In July, wet weather in the southern Urals and parts of Kazakhstan alleviated hot, dry conditions early in the month, benefiting spring wheat and barley in the filling stage. July's rainfall in these areas halted further declines in the yield potential. Precipitation amount in July exceeded 50mm in about 60 percent of the total spring wheat areas, benefiting wheat which advanced through the reproductive period. Elsewhere, July precipitation ranged from 25 to 50mm in spring wheat areas.



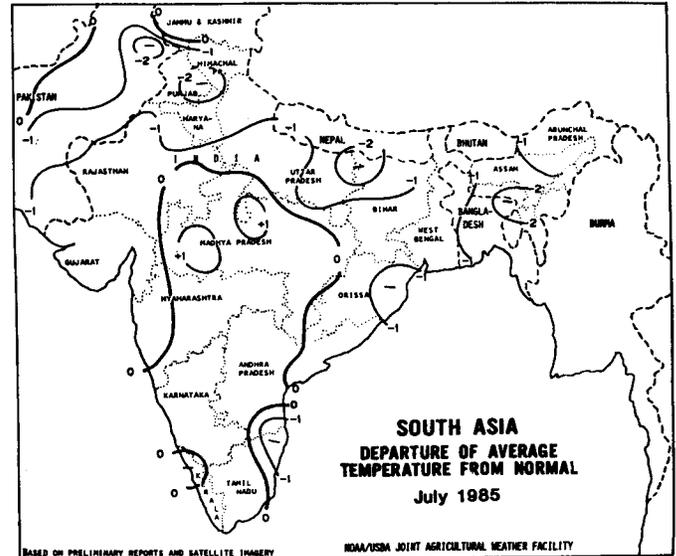
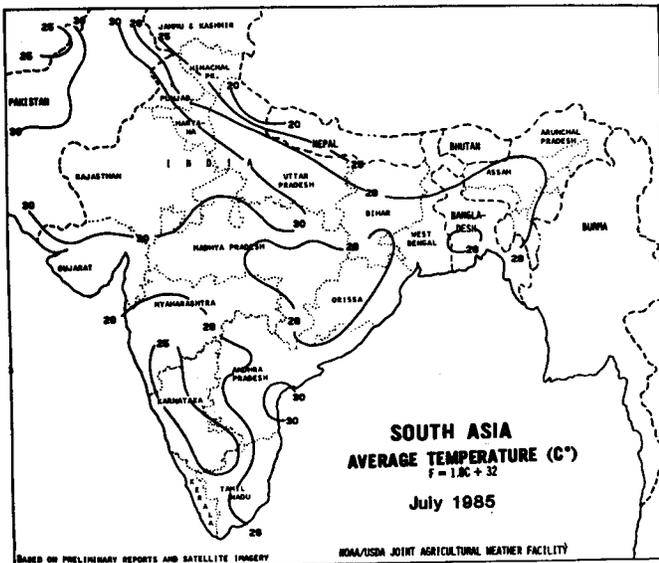
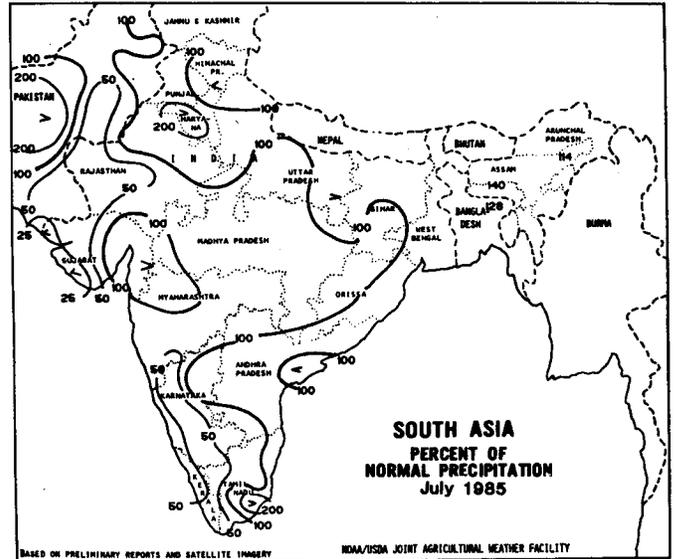
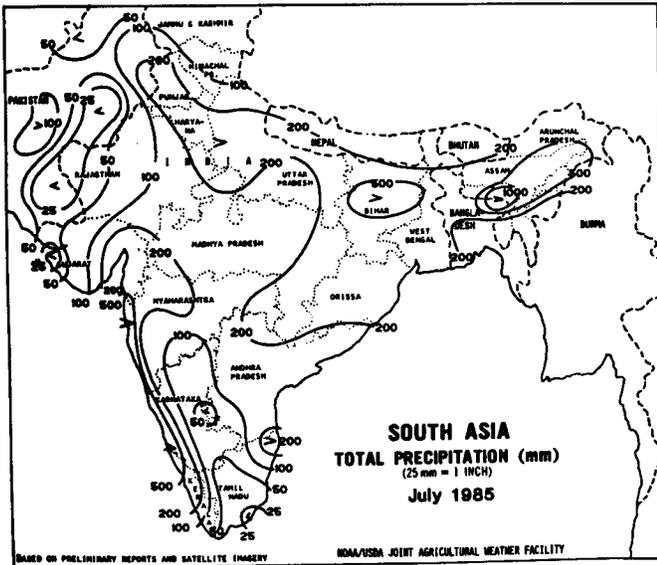
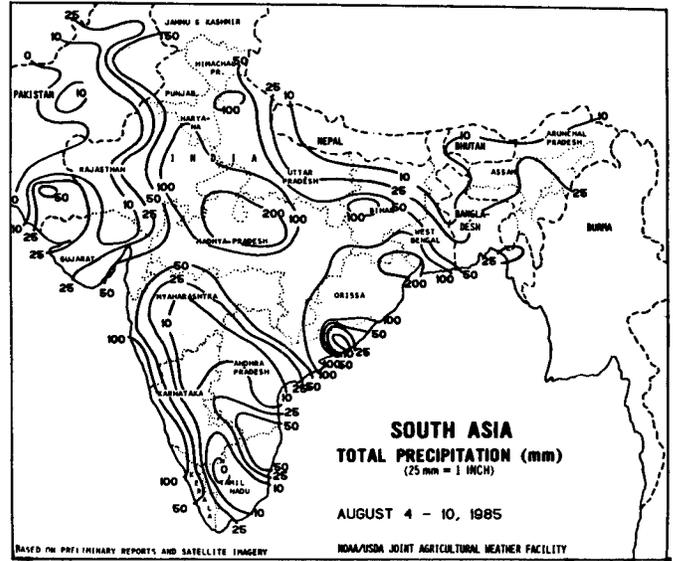
**USSR...Showers (10-25mm) fell over the western half of the region, causing some delays in winter and spring grain harvesting. In contrast, mostly dry weather in the east favored crop maturation and aided harvesting. Moderate winds accompanied maximum temperatures of around 35C late in the week in the North Caucasus, eastern Ukraine, eastern Black Soils and the Volga Valley, which likely stressed row crops such as corn in the filling stage. In July, frequent showers covered the northern half of the region, benefiting winter and spring grains in the reproductive and filling stages. Above normal precipitation covered Moldavia, the southern Ukraine, and the eastern Ukraine, benefiting corn which advanced through the reproductive period by month's end. However, below-normal temperatures in these areas slowed corn growth. In the North Caucasus, below-normal precipitation in July favored grain maturation but provided less than optimum moisture for corn.**



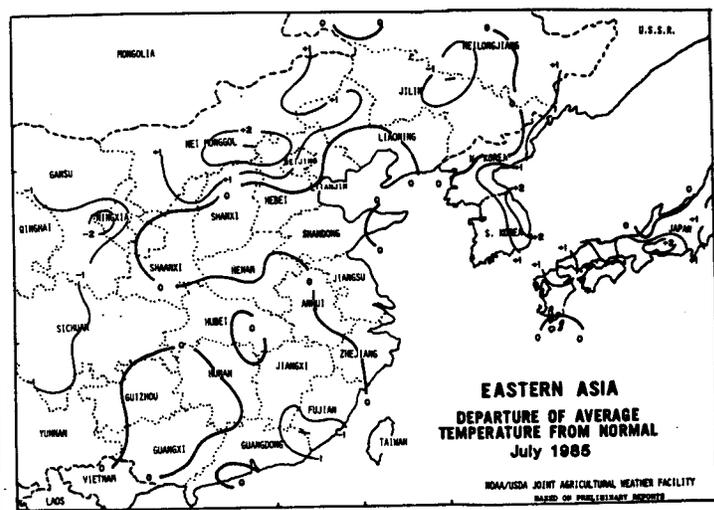
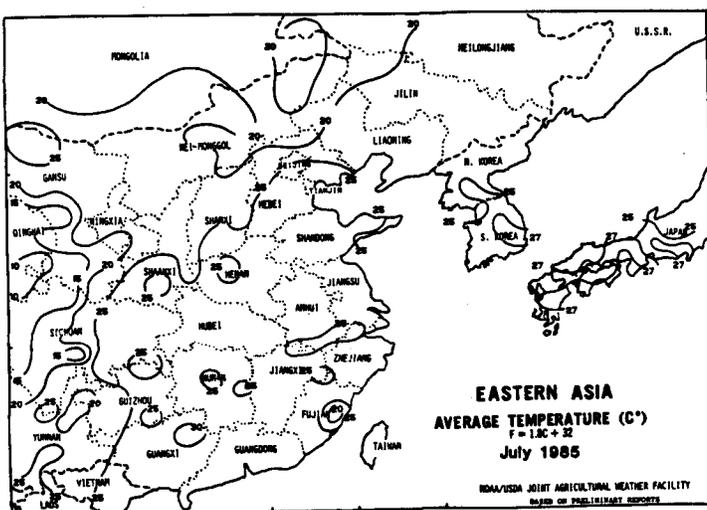
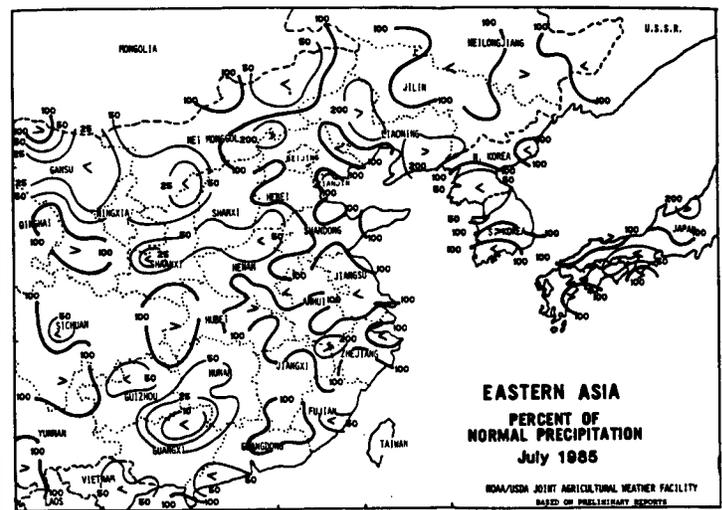
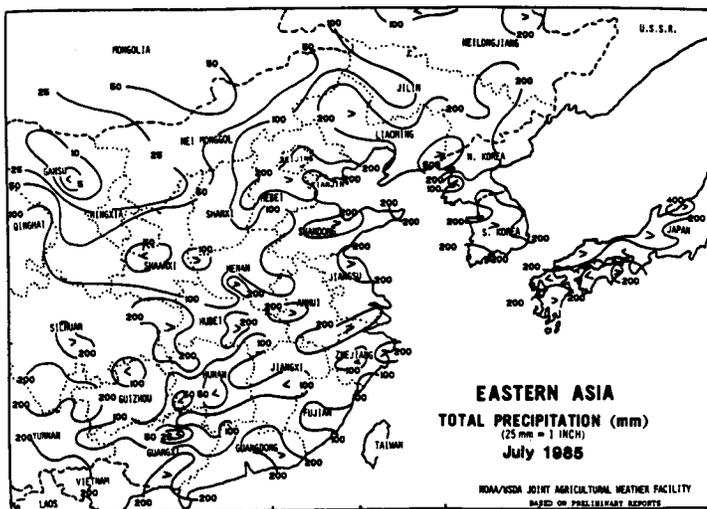
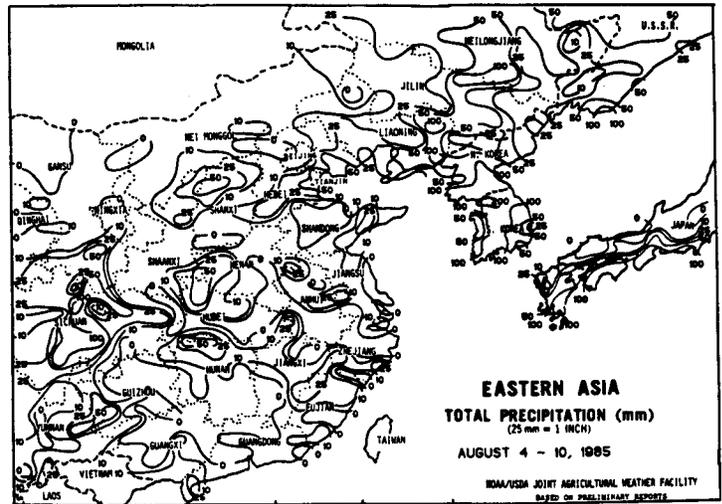
EUROPE...Light showers in French wheat areas caused only minor delays in harvesting. Wet weather in England, the Netherlands, Belgium, and West Germany continued July's above-normal precipitation pattern, causing further delays in harvesting. The persistent wetness in these areas is causing concern about the possibility for reductions in grain quality. An intense storm system in northeastern Yugoslavia spread heavy rain throughout most of Eastern Europe. The rain delayed harvesting and produced localized flooding, particularly in Austria, Czechoslovakia, and Poland, where the heaviest rain fell. Showers continued to benefit corn in southwestern France. In southern Romania, below-normal precipitation in southern corn areas continued July's below normal precipitation pattern.



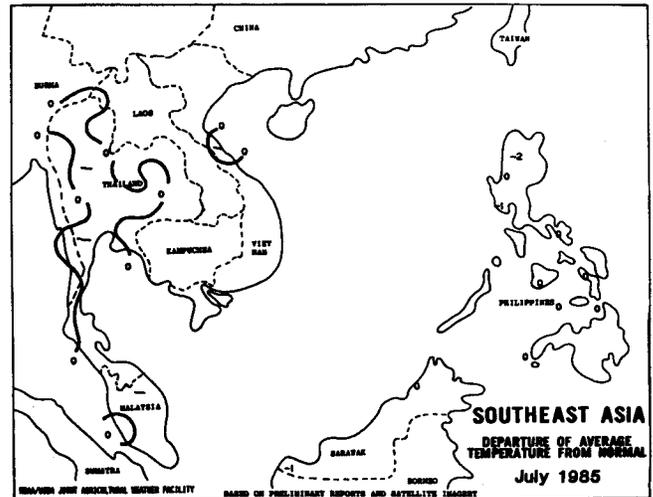
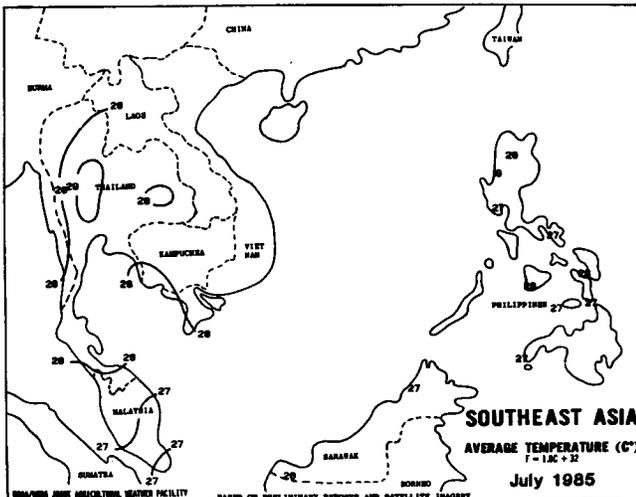
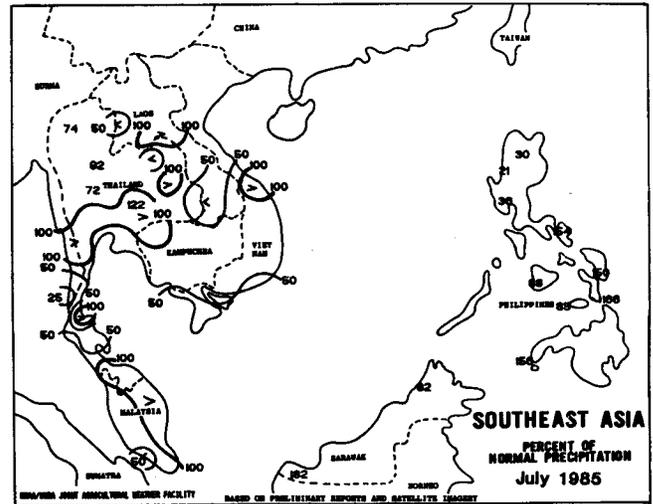
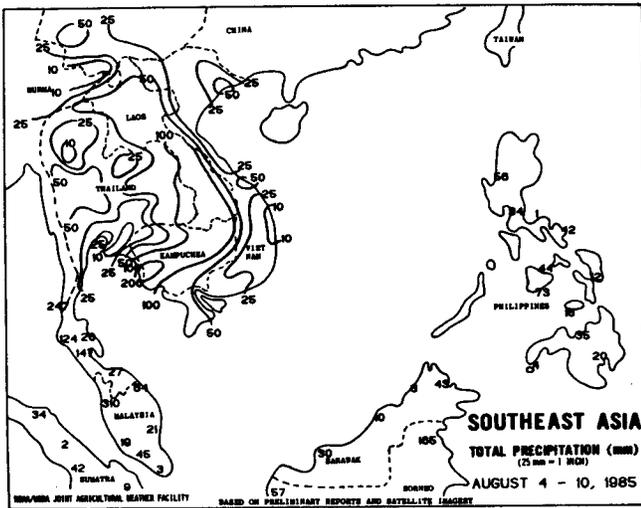
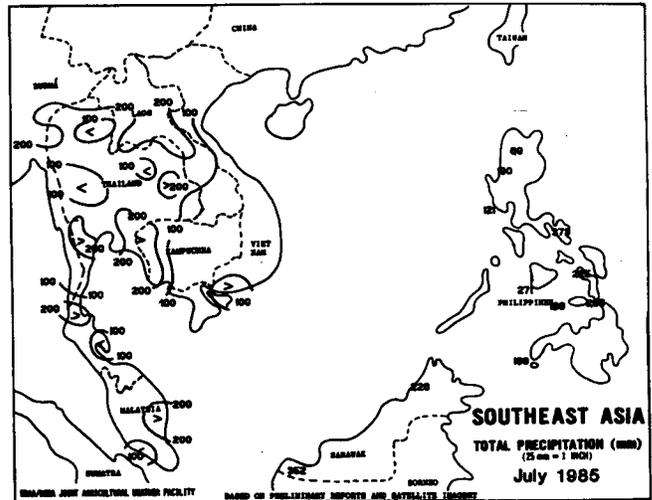
**SOUTH ASIA...** Moderate to heavy monsoon rain fell in central and northern India this week. Flooding likely occurred in central Madhya Pradesh and southern West Bengal where over 200mm of rain fell. Autumn rice is entering the heading stage with adequate moisture in most areas. Following relatively dry weather during July, heavy rain benefited winter rice in Orissa. Variable rain fell in Gujarat and western Madhya Pradesh following delayed but above-normal July rain. Relatively dry weather covered the southern cotton and groundnut region following beneficial rain last week. July rainfall was below-normal along the southwest coast but was adequate for autumn rice entering the heading stage.



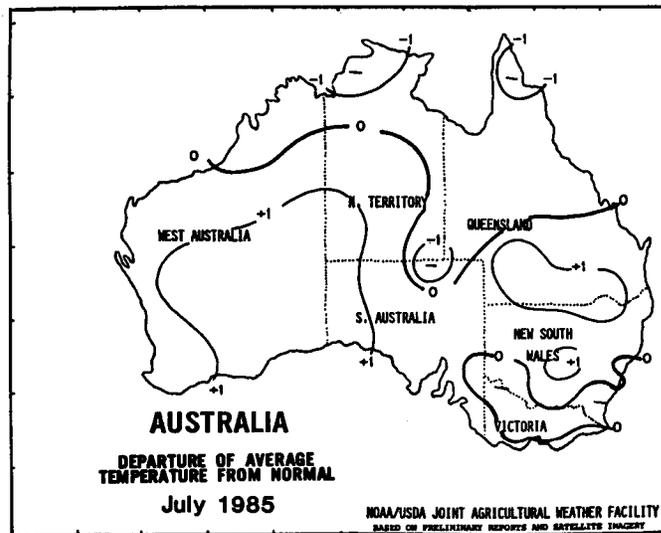
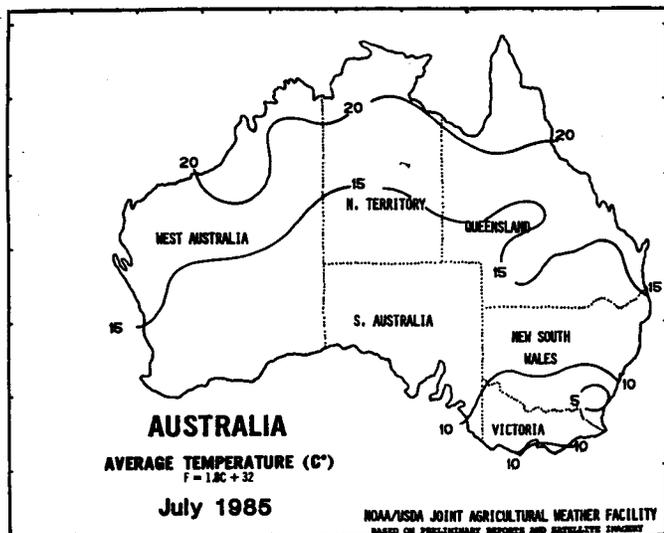
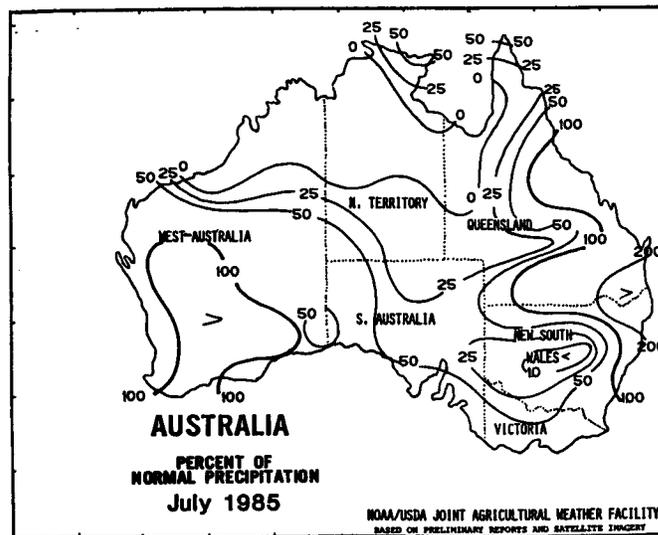
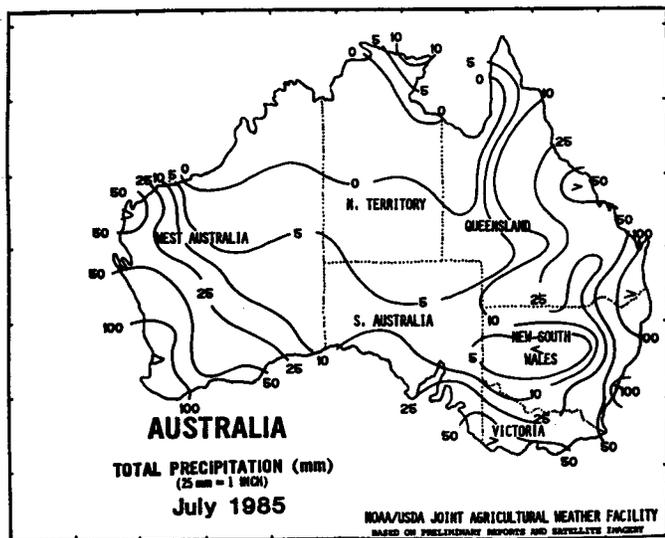
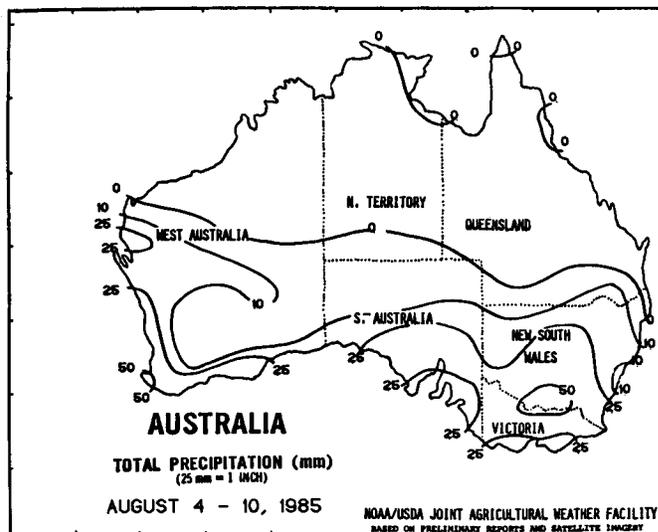
**EASTERN ASIA...** Mostly dry weather continued in the southwest this week where July rainfall was less than 50 percent of normal. The dryness in Hunan, Guizhou, and Guangxi was favorable for early rice harvesting, but moisture is limited for late rice entering the heading stage. Near-normal July rainfall along the Yangtze River benefited intermediate rice in the heading and grain filling stages. However, in late July, Typhoon Jeff flooded intermediate rice in Zhejiang. Variable weekly rain fell in the North China Plain, but July total rainfall was near to above normal, benefiting cotton, corn, and soybeans in the reproductive stages. A band of dry weather persisted through July and into August in Shaanxi, Shanxi, and northwestern Henan stressing summer crops in the reproductive stage. Recent moderate to heavy rain benefited corn and soybeans in northern Manchuria, but some flooding damaged southeastern Korea crops. Typhoon Kit weakened before reaching Korea this week, but still flooded some rice areas.



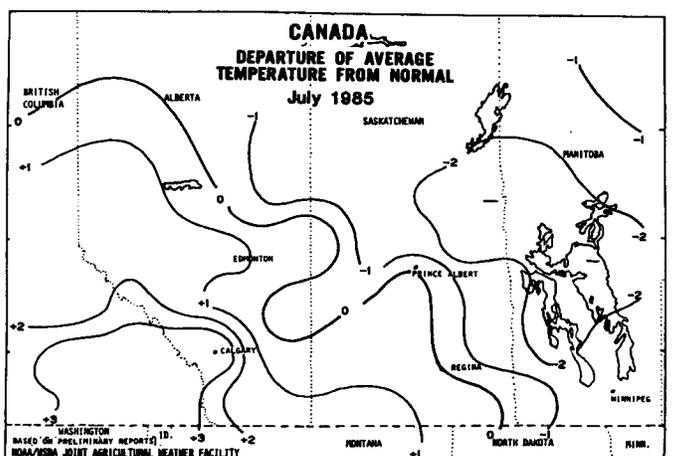
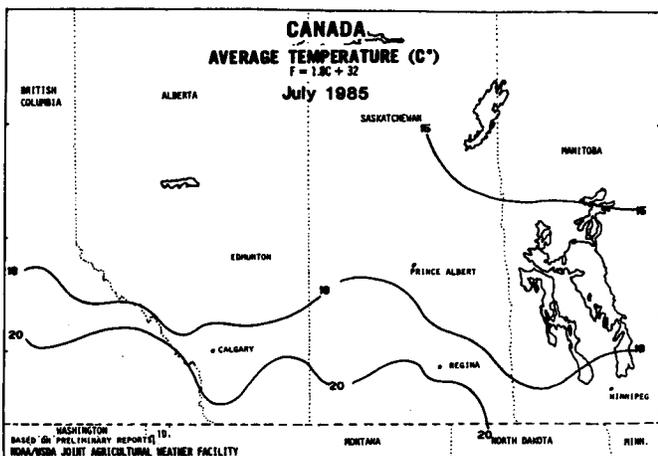
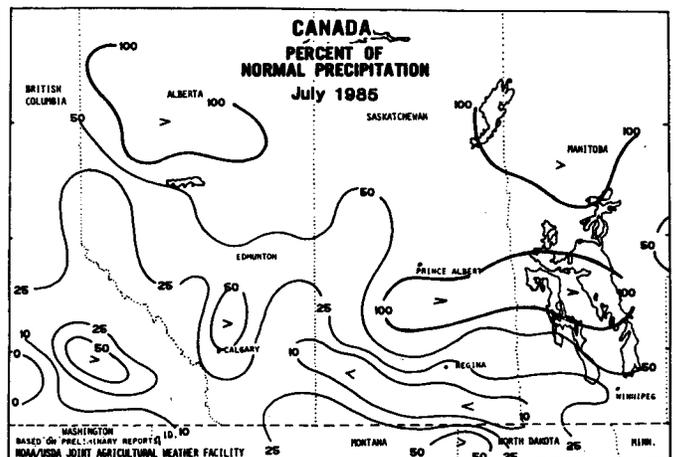
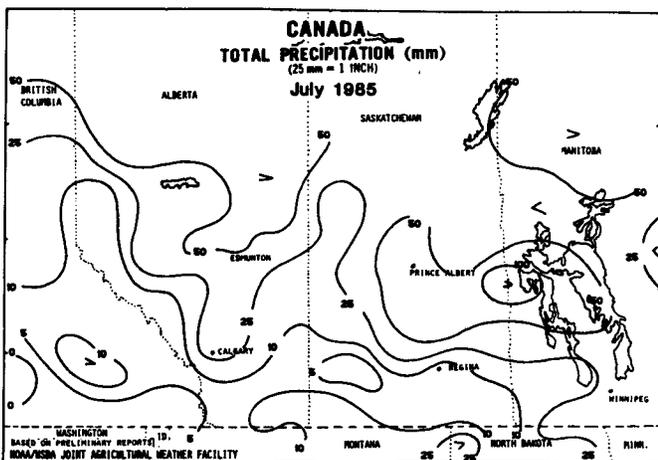
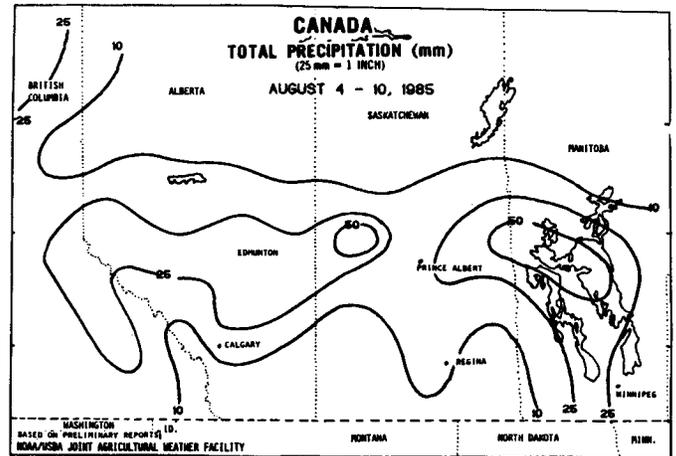
**SOUTHEAST ASIA...** Rainfall generally increased from the previous week over most of Southeast Asia. In Thailand, beneficial rain fell over south-central rice and corn areas where July rainfall was slightly below normal. Substantial rain continued this week over eastern rainfed rice areas where mostly seasonal amounts of rain fell in July. Light rain in the northern highlands followed the somewhat below average July rainfall, but reservoir supplies should be adequate. Elsewhere, locally heavy showers fell again this week in Kampuchea and Laos, and extended further south to the peninsular of Thailand and Malaysia. Widespread showers, producing 20-60mm, occurred over Vietnam and the Philippines. The rain was especially beneficial in Luzon, Philippines where July rainfall was below normal.



**AUSTRALIA...** Persistent dryness during July and into the first week of August covered wheat in South Australia, Victoria, and southern New South Wales. July rainfall was only 25-50 percent of normal in this region creating unfavorable conditions for wheat establishment. Late this week, significant rain (25-50mm) fell in the chronically dry southeastern wheat belt. The moisture was very timely because temperatures and crop moisture demand normally increase during August. Light to moderate showers extended into northern New South Wales and southeastern Queensland where wheat benefited from above-normal rain in mid-July. Near to above-normal July rainfall in Western Australia improved conditions for late wheat planting following earlier relatively dry weather and above-normal temperatures. In general, nearly all wheat areas improved during July and early August; however, additional growing season rainfall will be needed for the moisture critical heading and grain filling stages.

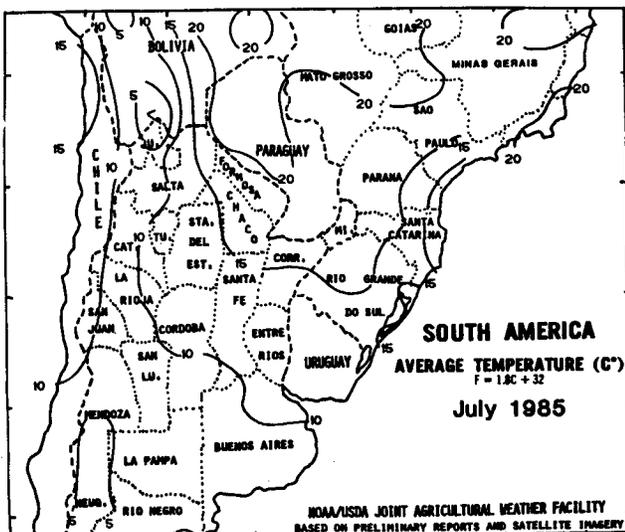
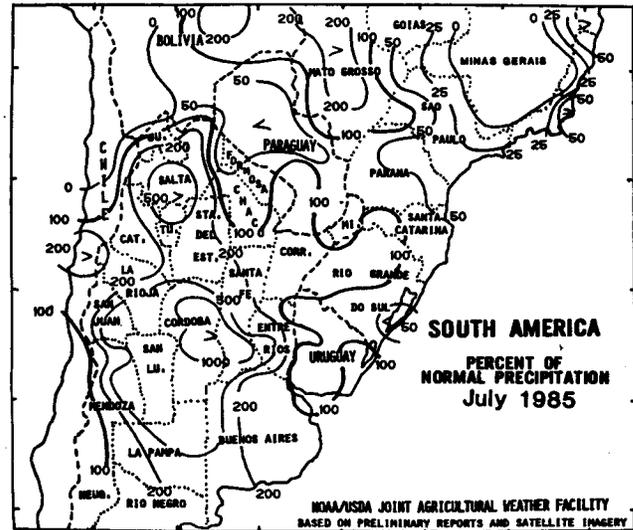
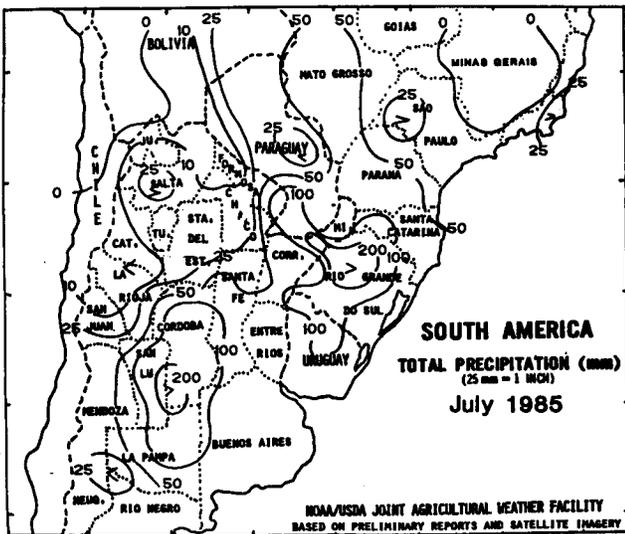
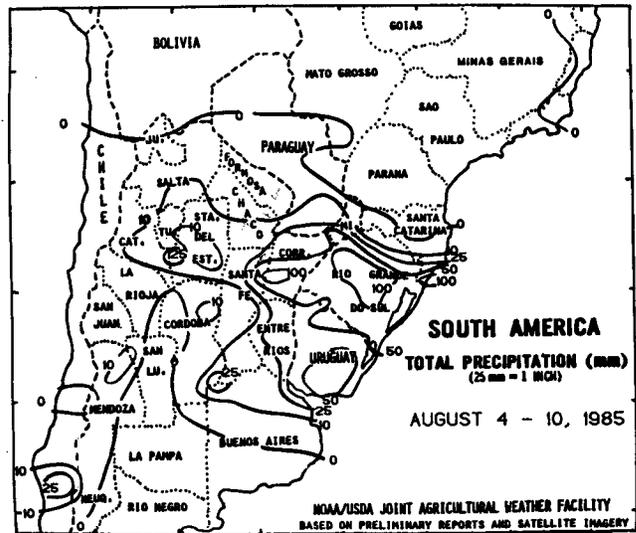


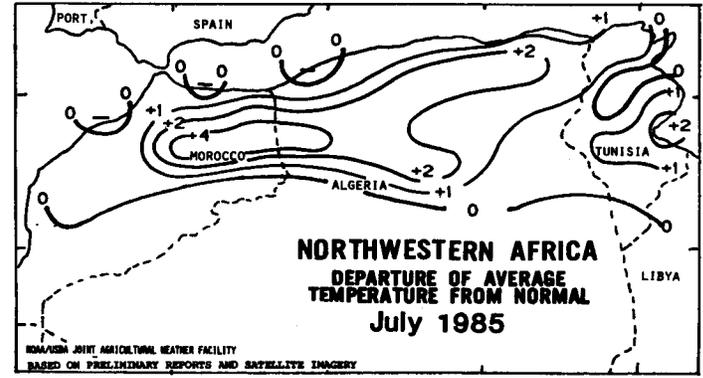
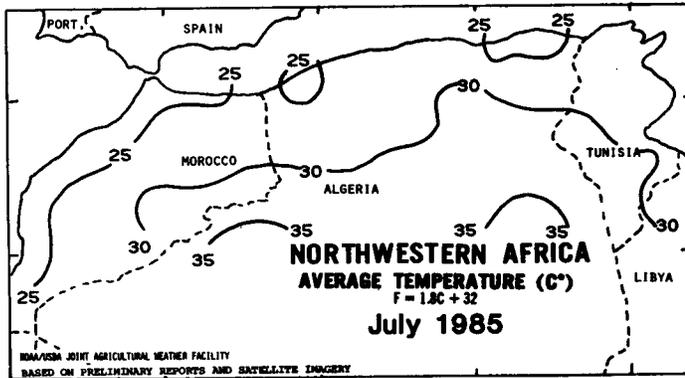
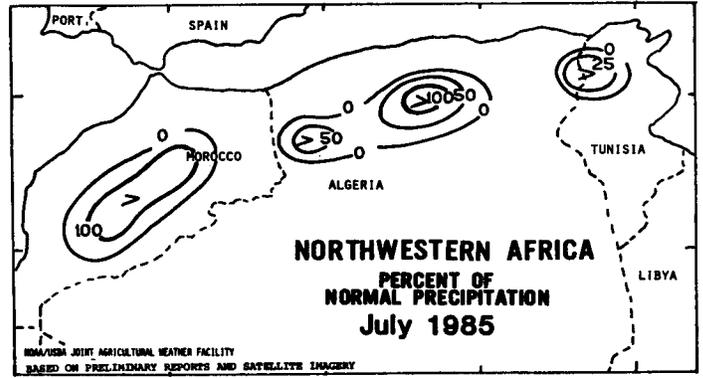
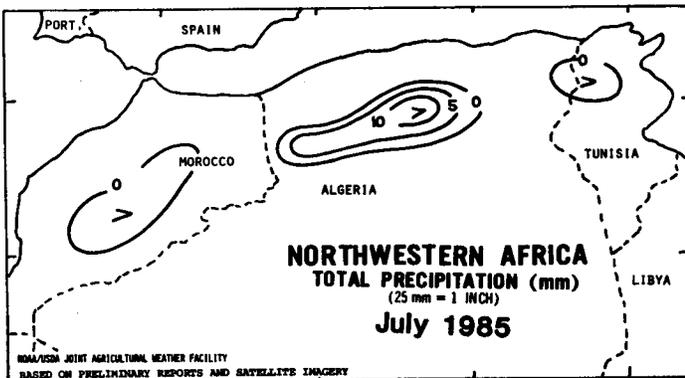
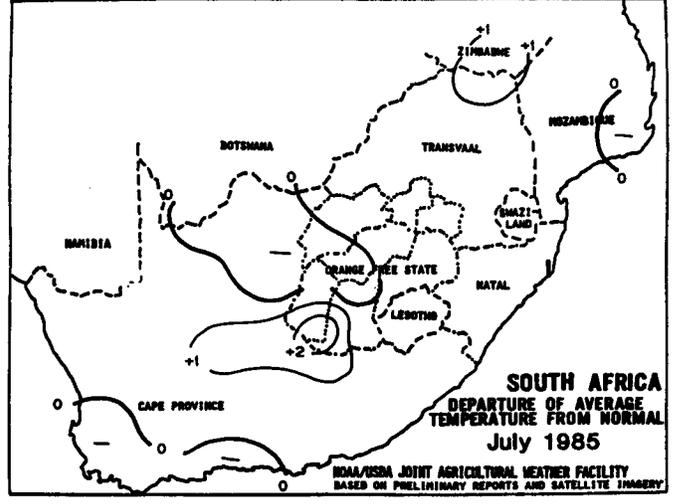
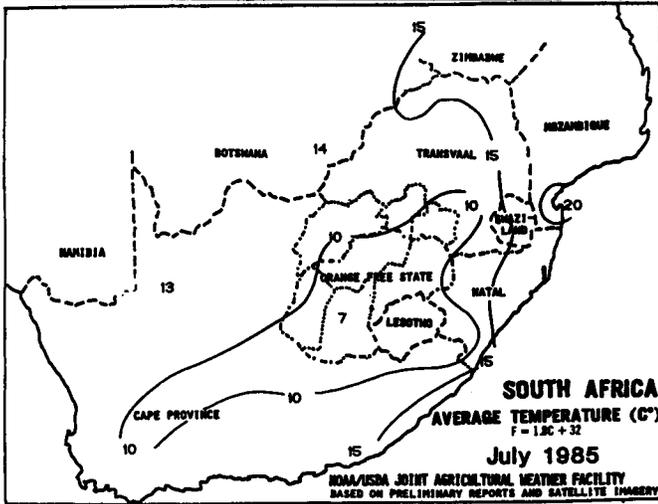
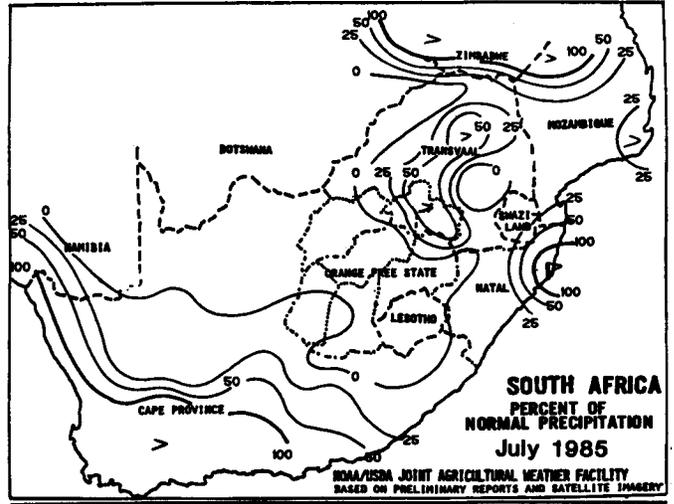
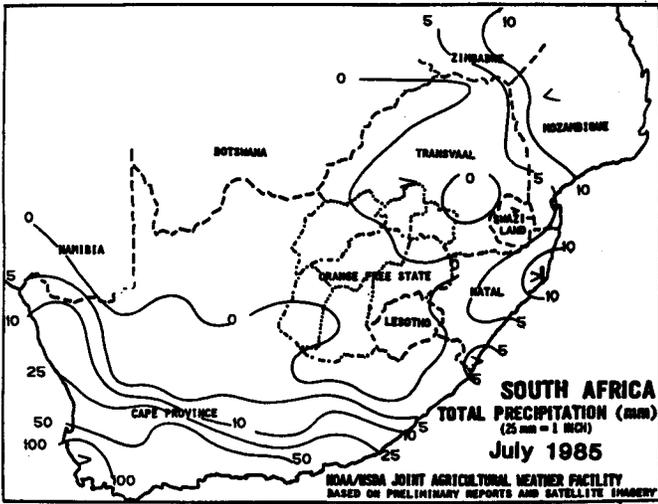
**CANADA...** Showers (10-55mm) across northern and eastern portions of the Prairies grain belt helped late filling of grains and oilseeds. Light showers in southern portions of Saskatchewan and Alberta came too late for maturing crops, stressed by persistent dryness during the growing season. July rainfall was less than 25 percent of normal across the southern grain belt, causing rapid crop deterioration during reproductive and grain filling stages. Monthly rainfall was near normal in northeastern crop areas of Saskatchewan and northern Manitoba where crops remain in good to excellent condition. In Alberta, about 25 percent of the spring wheat has ripened. Unseasonable cold weather pushed into the Prairies over the past weekend. Minimum temperatures reached 1 to 5C across much of the grain belt.





**SOUTH AMERICA...** Showers favored recently planted wheat in southern Cordoba, southern Santa Fe, and northern Buenos Aires. Rainfall over all of Argentina's wheat areas during the latter half of July brought monthly totals above normal, allowing wheat planting to resume following the delays due to earlier dryness. Wheat planting is about 60 percent complete and will likely continue until the end of August. In Brazil, locally heavy showers (50-120mm) occurred again in Rio Grande do Sul where wheat is in vegetative growth. July rainfall was mostly above average in the south, maintaining sufficient moisture for crop establishment. Recent dry weather in Parana continued July's below average rainfall pattern, hastening crop development. Recent reports indicate early wheat harvesting has begun in Parana with promising crop prospects, due to the favorable timing of early-season moisture and late-season sunshine.





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