

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

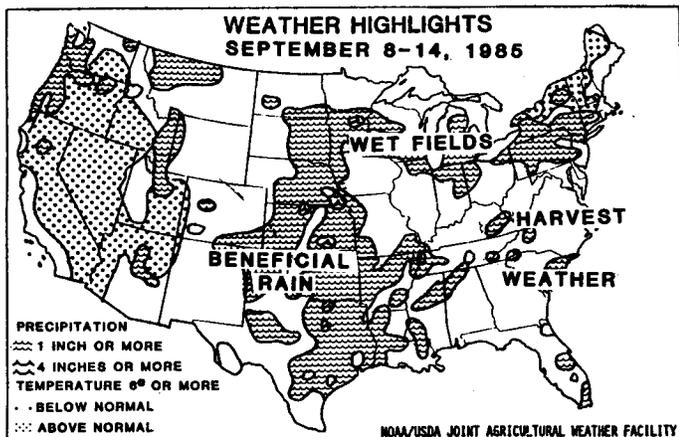
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WASHINGTON, D.C.

Sept. 17, 1985

National Weather Summary

September 8 to 14, 1985



The heaviest thunderstorms were in the central and southern Plains. Light showers fell in southern California. Warm weather continued along the southeastern coast and from the southern Plains to the Ohio Valley.

WEDNESDAY...Showers and thunderstorms covered the western portion of the Plains, the Rockies, the Plateau, and the Northwest. Snow fell in the high elevations. Warm weather was holding on in parts of the Southeast, but most of the Nation was cooler.

THURSDAY...Showers and thunderstorms were widespread from Texas to North Dakota and from Washington and Oregon through Montana. Severe thunderstorms reached from eastern Kansas to southern North Dakota. Autumn-like temperatures prevailed over most of the Nation, but it warmed a little in California.

FRIDAY...A cold front continued to trigger heavy showers and thunderstorms from Texas to the Dakotas and Minnesota. Flooding in the central Plains resulted from the deluges of rain. Moderate rain fell along the Northwest Coast with lighter amounts reaching inland. Cool weather covered most of the Nation, but the Southwest welcomed warmer temperatures.

SATURDAY...A huge high-pressure system centered over Michigan brought record-cold temperatures to much of the East; while on the back side of the dome of cold air, light showers covered the Plains. Moderate rain or showers covered the Northwest. Southerly winds brought warm weather to the western Plains and the Southwest.

HIGHLIGHTS: A much cooler air mass began pushing southward through the Great Lakes early in the week and, by the end of the week, covered all of the East. Cool weather also continued to dominate the West until the end of the week. Cool, clear weather covered the western, southern, and eastern Corn Belt. Showers and thunderstorms were heavy from the northern Plains, through the Great Lakes, to the upper third of the east coast. Later, thunderstorms triggered heavy rain through the Plains. Light showers fell in central and southern California early in the week, but the later days were generally dry. Light to moderate showers pushed into the Northwest. Showers were most welcome from north central Utah through central and western Montana.

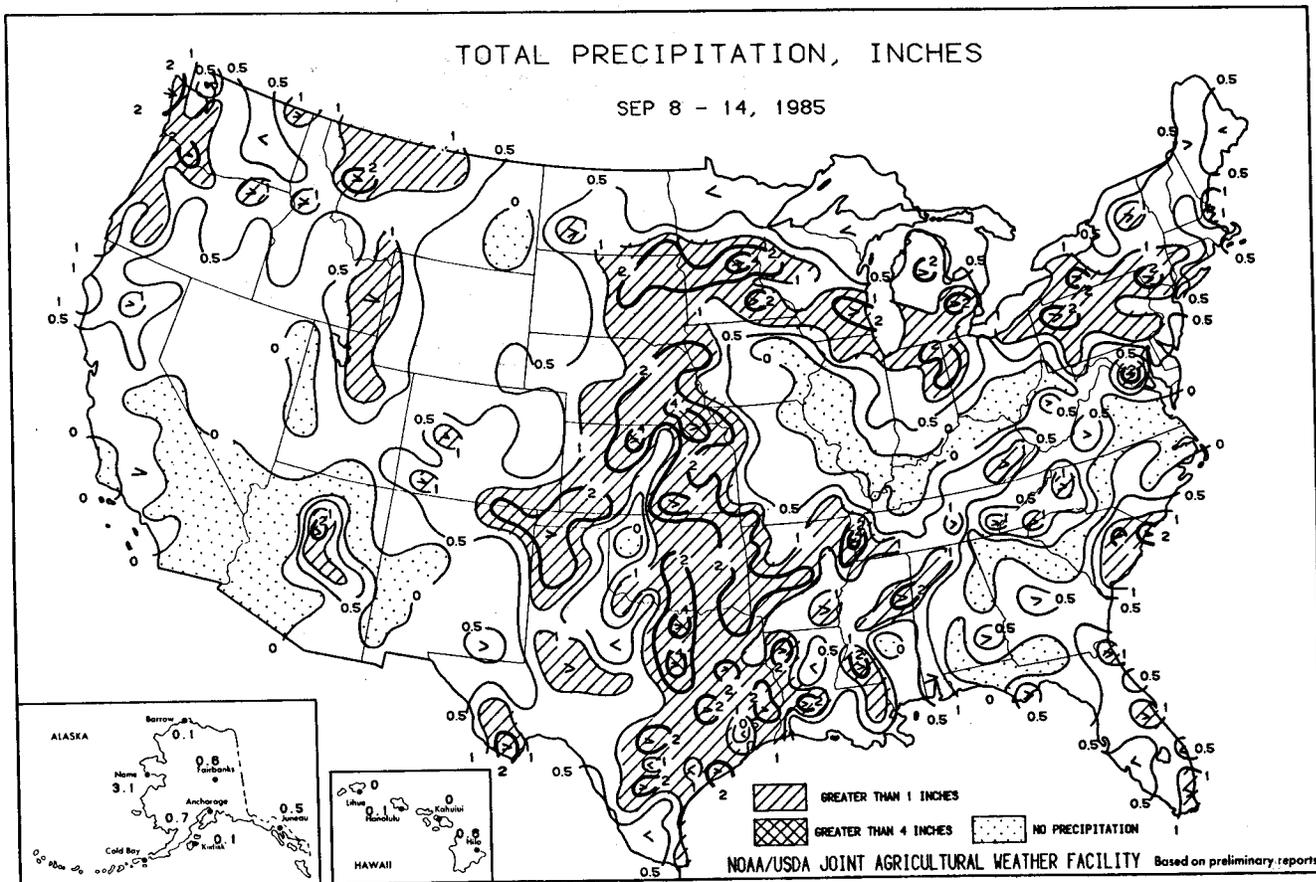
SUNDAY...Severe thunderstorms covered the area from eastern South Dakota through the southern Great Lakes, New York and Pennsylvania, and to the Atlantic coast from southern New England to eastern Maryland. Thunderstorms were also prevalent from the lower Mississippi Valley to central Georgia. Rain and showers covered the Northwest as far as south as central California. Warm weather continued in the southern third of the Nation, but it was cooler over the northern tier of States.

MONDAY...Thunderstorms were widespread from the northern Plains to the northern Atlantic States. The heaviest showers fell from southern New England into central Maryland and Virginia. Thunderstorms were also widespread from the lower Mississippi Valley to eastern Texas and Oklahoma. Rain and showers again covered the Northwest with snow in the mountains.

TUESDAY...Showers and thunderstorms covered nearly all of the Nation--only parts of the Southeast remained dry--but the showers were generally light.

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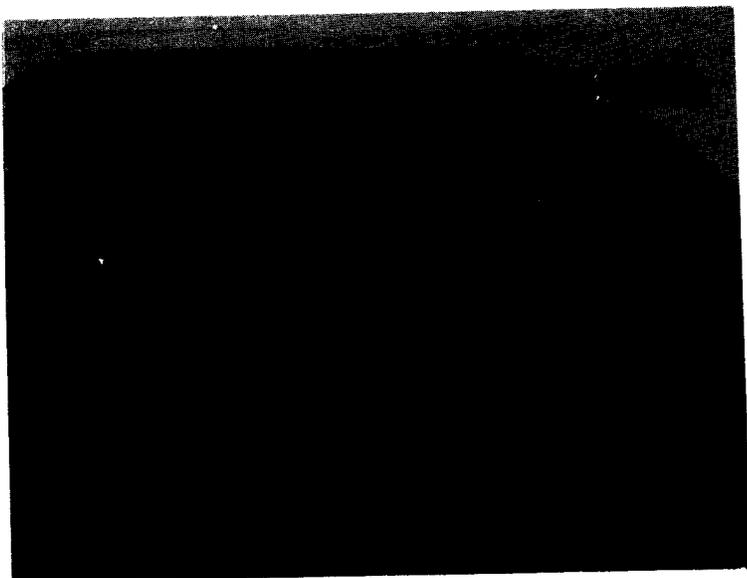
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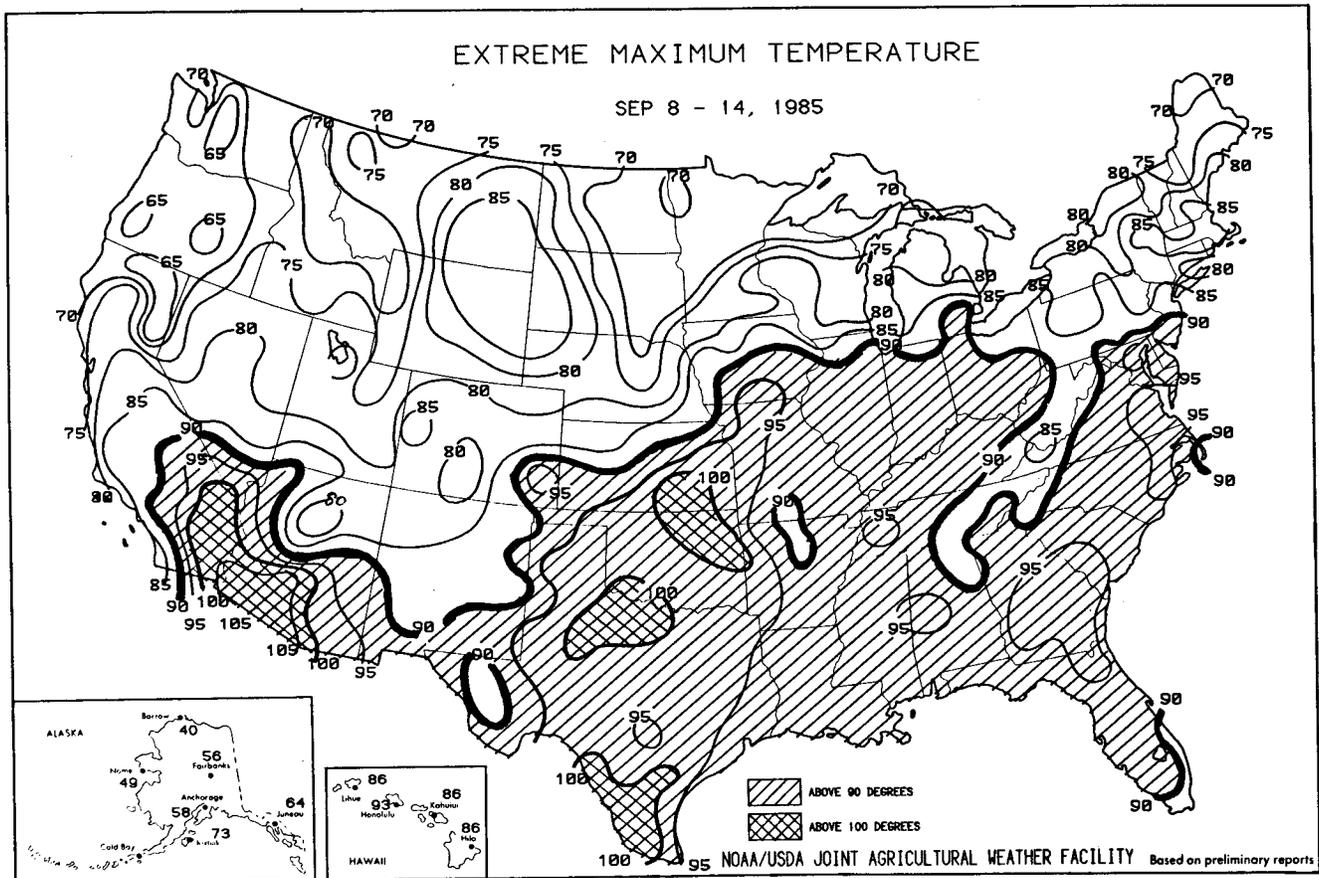
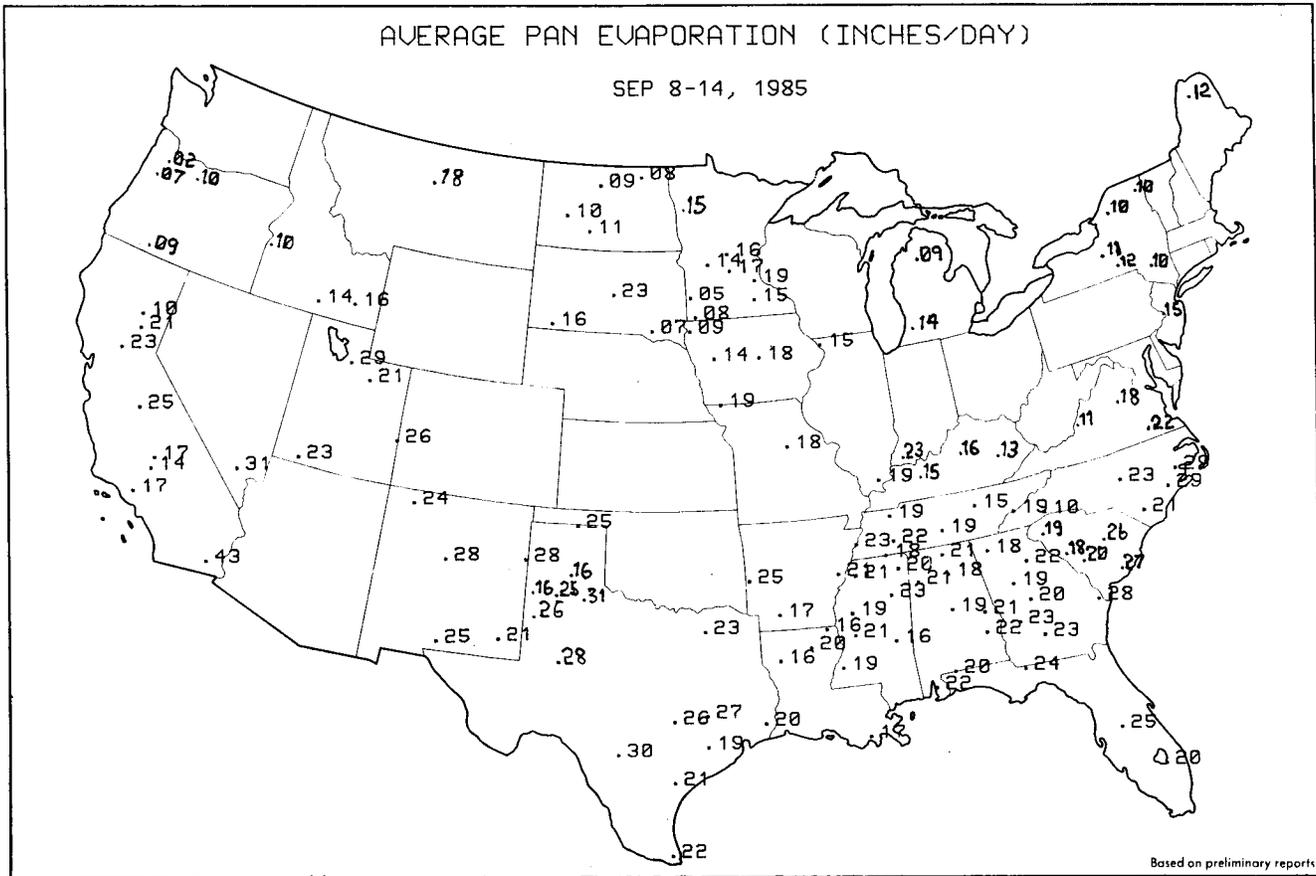


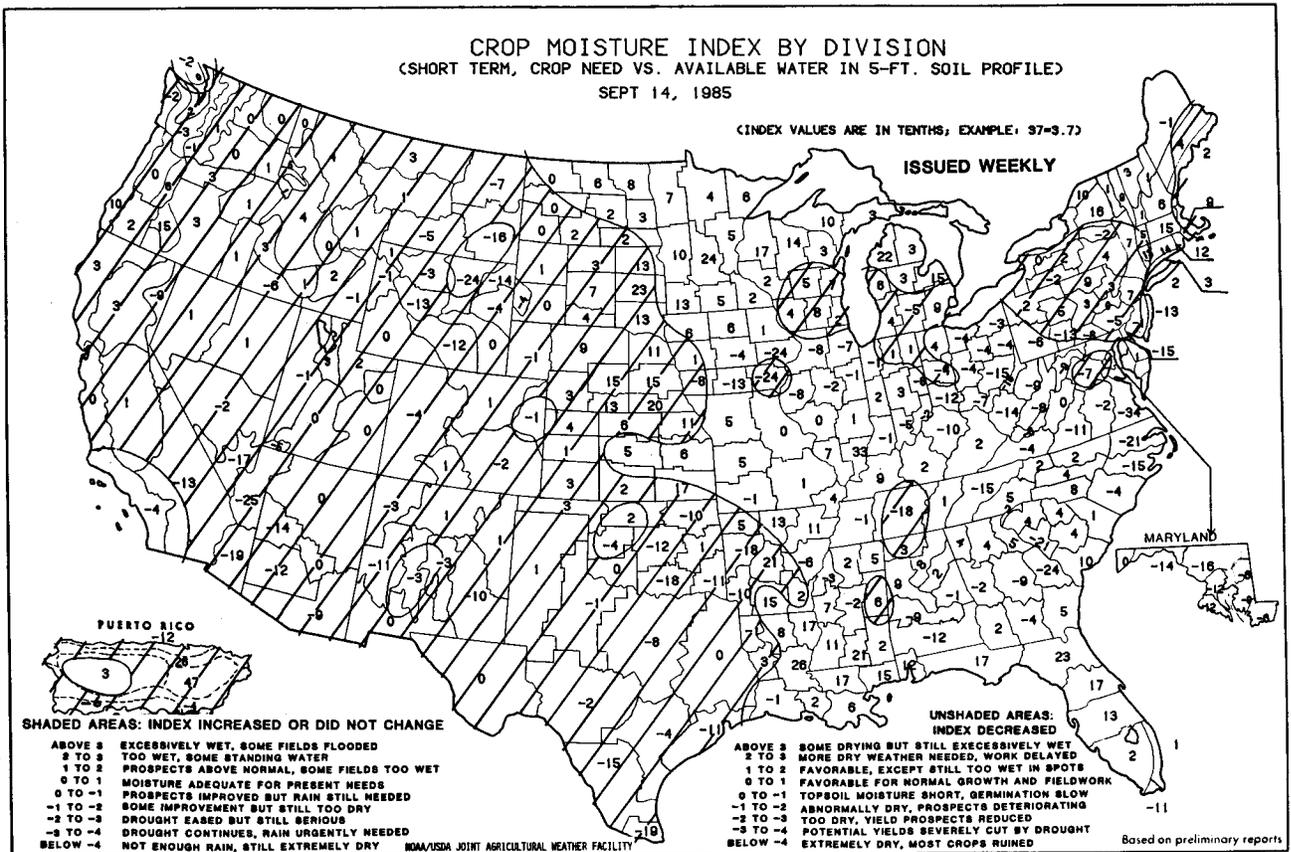
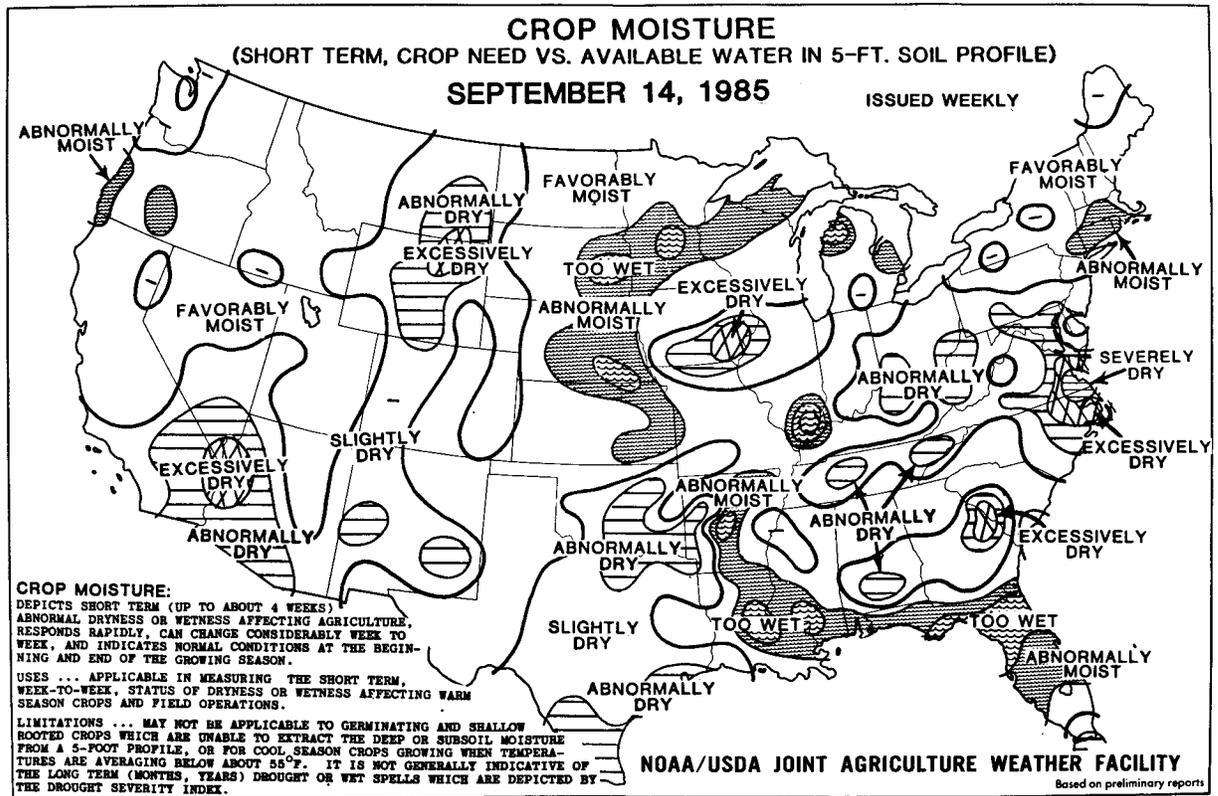
A COLD FRONT REACHES FROM BRITISH COLUMBIA IN WESTERN CANADA THROUGH THE NORTHERN PLAINS TO WESTERN TEXAS IN THE UNITED STATES. LOW-LEVEL MOISTURE FROM THE GULF OF MEXICO AND HIGH-LEVEL MOISTURE FROM HURRICANE SANDRA IN THE PACIFIC IS TRIGGERING RAIN AND NUMEROUS SHOWERS ALONG AND AHEAD OF THE FRONT. A HIGH-PRESSURE SYSTEM IS DOMINATING EASTERN UNITED STATES AND CAUSING COOLER-THAN-NORMAL TEMPERATURES.

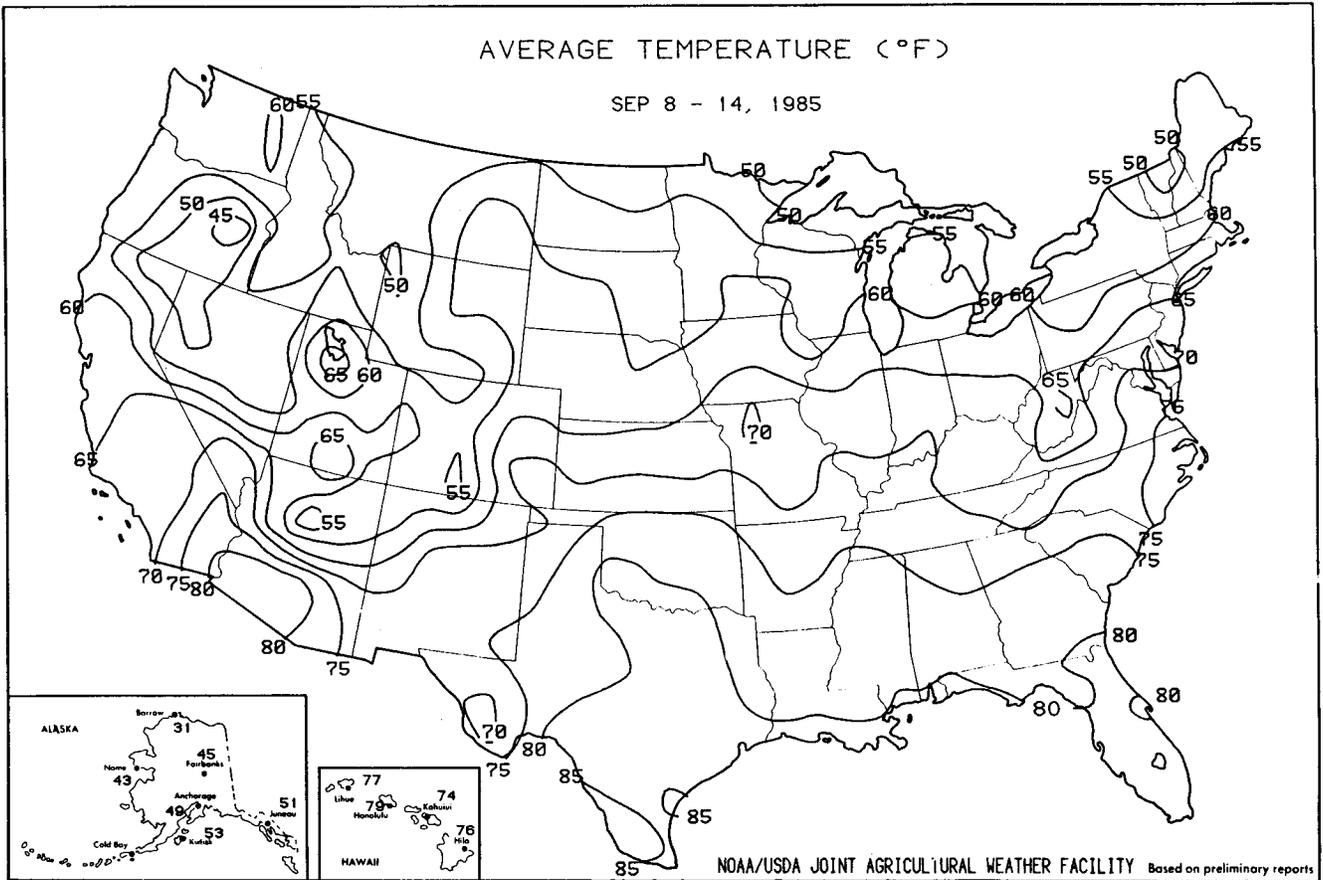
HURRICANE SANDRA IN THE PACIFIC, PACKING WINDS OF 104MPH WITH GUSTS TO 120MPH, IS MOVING NORTH NORTHWESTWARD. THE STORM LATER MOVED MORE WESTERLY AND WEAKENED.

THE TROPICAL DEPRESSION IN THE CARRIBEAN IS THE SIXTH TROPICAL SYSTEM OF THE SEASON IN THE ATLANTIC. IT IS SPREADING A LARGE AREA OF DISTURBED WEATHER THROUGH THE ANTILLES.

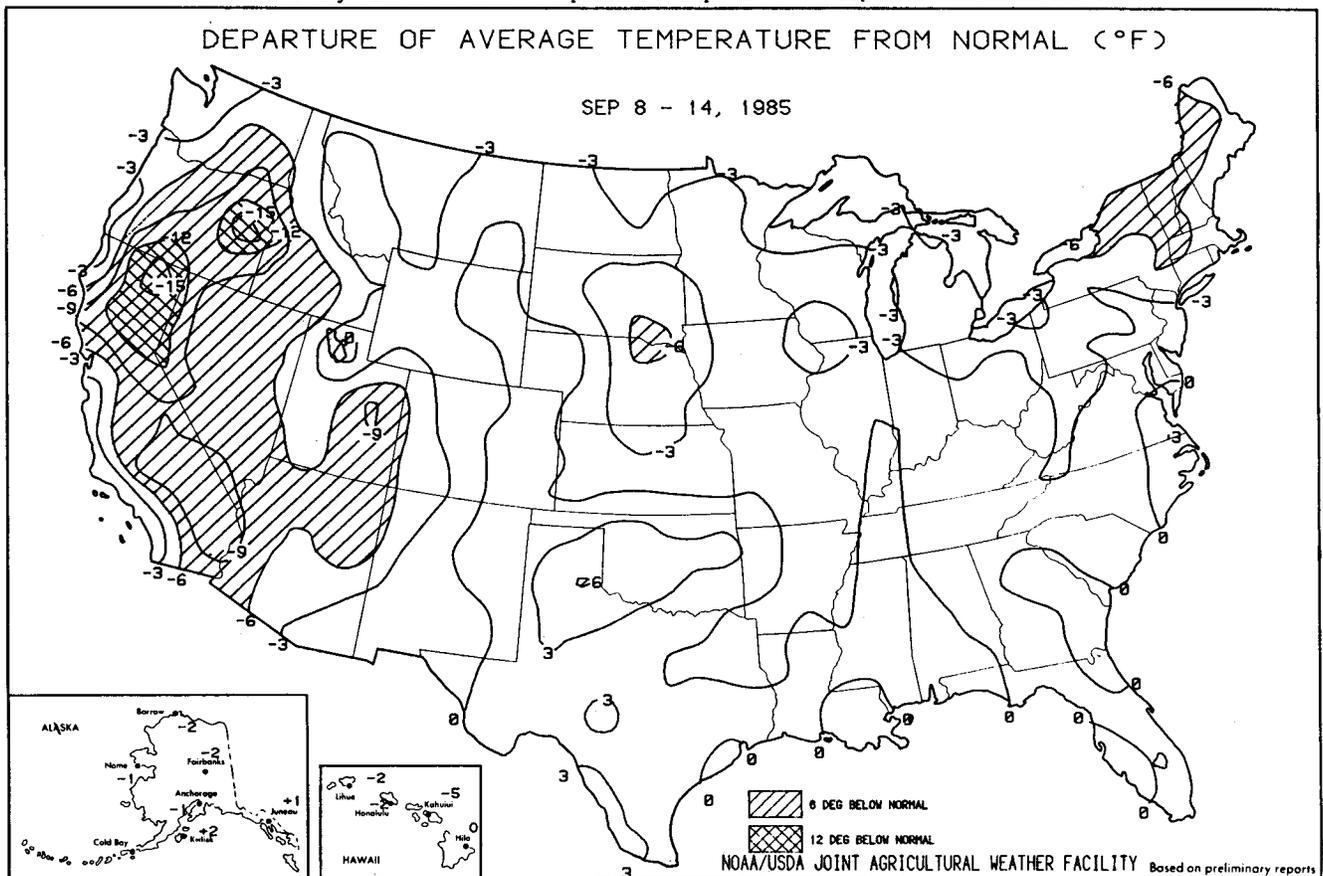








Point values may differ on these computerized maps from the reported values in the tables.



Weather Data for the Week Ending September 14, 1985

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE, °S	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN, 24-HOUR, IN.	TOTAL, IN., SINCE Sept. 1	PCT. NORMAL SINCE Sept. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE °F				
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
AL BIRMINGHAM	85	65	91	55	75	-1	.2	-.9	-.2	.3	16	37.4	91	96	61	3	0	1	0	
MOBILE	89	69	92	64	79	-1	.9	-.8	-.9	4.3	128	44.7	90	89	48	4	0	1	0	
MONTGOMERY	89	67	94	55	78	-1	T	-1.2	T	.5	22	33.3	91	94	46	4	0	0	0	
AK ANCHORAGE	55	42	58	36	49	-1	.7	.1	-.6	1.2	105	11.1	111	95	60	0	0	2	1	
BARROW	35	27	40	23	31	-2	-.1	0	-.1	.2	68	2.5	74	99	82	0	7	4	0	
FAIRBANKS	52	39	56	31	45	-2	.6	.3	-.3	1.7	283	8.8	114	96	61	0	1	4	0	
JUNEAU	59	43	64	38	51	1	.5	-.9	-.3	1.2	44	22.2	72	95	61	0	0	3	0	
KODIAK	61	46	73	39	53	2	-.1	-1.5	-.1	.5	15	46.8	100	90	60	0	0	3	0	
NOME	47	39	49	29	43	-1	3.1	2.5	1.1	4.2	341	14.6	135	94	72	0	0	1	6	
AZ PHOENIX	95	70	106	61	82	-4	T	-.1	T	.9	291	3.9	81	47	15	6	0	0	0	
PRESCOTT	76	46	85	35	61	-5	T	-.4	T	T	0	9.6	69	67	22	0	0	0	0	
TUCSON	95	64	99	59	79	-2	.1	-.3	.1	.1	17	8.7	107	55	17	7	7	0	0	
YUMA	95	68	105	62	82	-7	0	-.1	0	.2	171	.6	35	46	19	6	0	0	0	
AR FORT SMITH	89	67	101	61	78	3	1.0	.2	.3	1.0	69	31.5	110	94	46	3	0	4	0	
LITTLE ROCK	83	66	93	57	74	-1	3.2	2.2	2.0	7.3	409	34.0	102	94	63	2	0	2	2	
CA BAKERSFIELD	78	56	83	50	67	-11	.1	.1	-.1	.1	.1	52	83	36	2	0	0	1	0	
EUREKA	65	51	68	47	58	1	.6	.4	.5	1.0	300	13.1	57	93	65	0	0	3	0	
FRESNO	81	57	87	51	69	-7	T	0	T	.4	T	3.8	54	76	30	0	0	1	0	
LOS ANGELES	74	61	79	57	68	-2	T	-.1	T	.3	186	3.8	44	72	40	0	0	0	0	
RED BLUFF	72	54	79	48	63	-14	1.1	1.1	-.8	1.1	807	6.6	50	90	39	0	0	3	1	
SACRAMENTO	75	52	81	49	64	-.9	.4	.3	.4	.4	327	4.8	44	94	40	0	0	1	0	
SAN DIEGO	76	63	80	57	69	-2	T	-.1	T	T	0	2.4	38	76	43	0	0	0	0	
SAN FRANCISCO	70	54	75	51	62	-2	.2	.2	.2	.2	.2	7.1	56	92	52	0	0	2	0	
CO DENVER	77	51	84	47	64	0	.7	.5	-.7	1.1	192	12.5	102	79	33	0	0	1	1	
GRAND JUNCTION	78	50	86	42	64	-5	.3	.2	-.3	.8	237	7.2	129	69	21	0	0	1	0	
FUEBLO	82	54	88	49	68	1	.1	-.1	-.1	.1	21	11.0	124	83	29	0	0	1	0	
CT BRIDGEPORT	81	56	79	46	63	-4	.4	-.4	-.4	.4	26	26.3	91	85	52	0	0	2	0	
HARTFORD	69	48	87	38	59	-6	1.1	.2	-.6	2.0	102	25.4	83	88	48	0	0	3	1	
DC WASHINGTON	81	63	95	50	72	-1	2.3	1.5	2.0	2.3	141	22.5	79	86	44	3	0	3	1	
FL APALACHICOLA	88	71	92	61	80	0	.5	-1.7	-.4	4.5	111	45.8	112	90	61	3	0	2	0	
DAYTONA BEACH	87	72	91	71	80	-1	.5	-1.1	-.5	3.3	102	31.5	89	95	61	3	0	1	0	
JACKSONVILLE	89	71	94	66	80	1	1.7	-.2	1.2	8.1	221	35.7	87	89	56	4	0	2	1	
KEY WEST	87	77	88	74	82	-1	.5	-1.1	-.3	.7	23	28.5	109	89	66	0	0	3	0	
MIAMI	87	73	89	72	80	-2	1.7	-.2	1.2	2.9	76	40.5	98	93	61	0	0	4	1	
ORLANDO	90	72	94	70	81	-1	1.6	.2	-.8	2.7	96	37.6	98	97	51	6	0	4	2	
TALLAHASSEE	89	69	94	62	79	0	0	-1.6	0	1.2	36	41.1	82	95	50	5	0	0	0	
TAMPA	90	73	93	70	81	0	.7	-.9	.7	7.2	220	36.0	96	93	55	4	0	3	1	
WEST PALM BEACH	88	75	88	72	81	-1	.2	-2.0	.2	1.2	28	34.7	84	93	60	0	0	2	0	
GA ATLANTA	83	67	91	51	75	1	.3	-.5	-.3	.4	25	35.4	96	82	48	3	0	1	0	
AUGUSTA	90	66	99	47	78	2	T	-.9	T	.4	20	22.6	66	82	40	4	0	0	0	
MACON	87	67	96	53	77	-1	.6	-.3	-.5	1.5	89	25.4	73	91	46	4	0	2	1	
SAVANNAH	87	69	95	55	78	1	T	-1.3	T	.7	25	29.2	72	89	51	4	0	1	0	
HI HILO	84	68	86	67	76	0	.6	-1.0	.5	1.8	55	88.1	101	93	66	0	0	3	1	
HONOLULU	89	68	93	66	79	-2	.1	-.1	.1	.1	35	8.6	59	88	49	2	0	1	0	
KAHULUI	85	63	86	61	74	-5	T	-.1	T	T	0	6.4	47	91	58	0	0	0	0	
LIHUE	85	69	86	68	77	-2	0	-.5	0	.2	20	17.2	63	79	56	0	0	0	0	
ID BOISE	67	47	78	43	57	-8	1.0	.8	-.3	1.4	523	6.9	86	93	47	0	0	4	0	
LEWISTON	66	52	71	50	59	-6	.2	.1	.1	.4	108	6.8	76	89	46	0	0	3	0	
POCATELLO	71	44	75	38	57	-3	1.1	.9	.4	1.4	482	7.6	99	89	29	0	0	4	0	
IL CHICAGO	73	53	94	40	63	-3	1.1	.2	.6	1.2	72	24.8	98	91	50	1	0	3	1	
MOLINE	76	54	95	40	65	-1	T	-.9	T	.1	3	22.4	78	90	45	1	0	0	0	
PEORIA	75	57	93	45	66	-1	0	-.9	0	1.3	74	27.2	103	90	50	1	0	0	0	
QUINCY	75	56	90	48	66	-3	T	-1.0	T	T	1	21.9	77	91	52	1	0	0	1	
ROCKFORD	71	52	89	39	62	-3	1.3	.4	1.3	2.5	141	24.6	89	94	55	0	0	1	1	
SPRINGFIELD	76	56	94	46	66	-3	T	-.7	T	T	0	25.8	100	89	47	1	0	0	0	
IN EVANSVILLE	81	60	92	46	71	0	0	-.6	0	.9	71	29.4	95	81	44	2	0	0	0	
FORT WAYNE	73	54	90	41	63	-3	1.4	.8	1.3	1.5	121	24.3	95	95	54	1	0	2	1	
INDIANAPOLIS	77	57	90	46	67	-1	.8	.2	.8	.8	61	31.5	108	92	49	1	0	1	1	
SOUTH BEND	72	54	89	39	63	-3	1.1	.3	.6	1.4	87	26.1	95	94	53	0	0	2	1	
IA DES MOINES	72	58	94	51	65	-2	.2	-.6	.1	.2	9	16.5	67	89	52	1	0	3	0	
SIoux CITY	67	56	85	50	61	-5	2.3	1.7	1.5	2.8	217	18.9	91	95	74	0	0	3	2	
WATERLOO	72	54	88	42	63	0	T	-.8	T	1.2	74	19.9	77	93	53	0	0	0	0	
KS CONCORDIA	74	58	87	54	66	-3	.6	-.2	.3	.6	37	19.9	90	94	65	0	0	4	0	
DODGE CITY	80	62	92	58	71	0	1.3	.9	1.1	1.5	155	16.6	97	87	52	1	0	3	1	
GOODLAND	74	56	81	53	65	-1	.8	.5	.4	.9	118	19.1	139	96	60	0	0	2	2	
TOPEKA	76	60	96	52	68	-2	1.3	.5	.8	1.3	80	29.8	116	94	64	1	0	2	1	
WICHITA	82	64	101	56	73	1	2.6	1.8	2.1	2.6	163	22.5	103	89	60	1	0	2	1	
KY BOWLING GREEN	80	59	91	46	70	-2	.2	-.6	.2	.3	18	27.4	76	93	50	1	0	1	0	
LEXINGTON	78	58	91	44	68	-3	0	-.8	0	.3	20	25.8	74	90	49	2	0	0	0	
LOUISVILLE	80	61	92	48	71	-1	0	-.8	0	0	0	26.6	83	88	49	2	0	0	0	
LA ALEXANDRIA	87	71	91	69	79	0	.2	-.4	.2	3.7	325	39.9	101	90	59	2	0	2	0	
BATON ROUGE	88	71	91	70	79	0	T	-1.1	T	2.3	102	41.0	98	93	59	2	0	1	0	
LAKE CHARLES	88	72	92	70	80	1	.4	-.9	.2	1.0	39	32.3	85	97	63	3	0	3	0	
NEW ORLEANS	87	71	91	70	79	0	1.3	-.2	1.2	4.0	133	46.1	103	85	54	1	0	2	1	

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending September 14, 1985

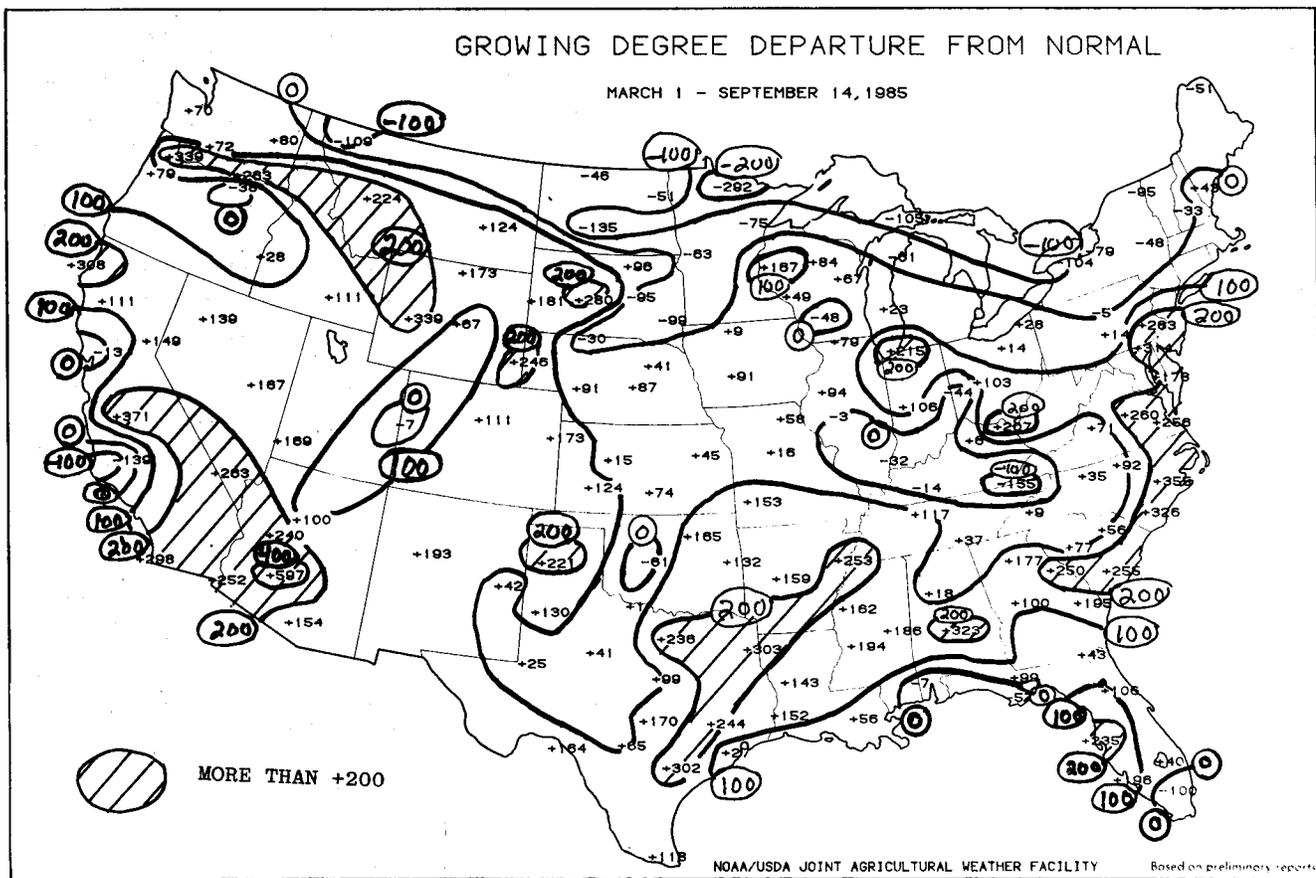
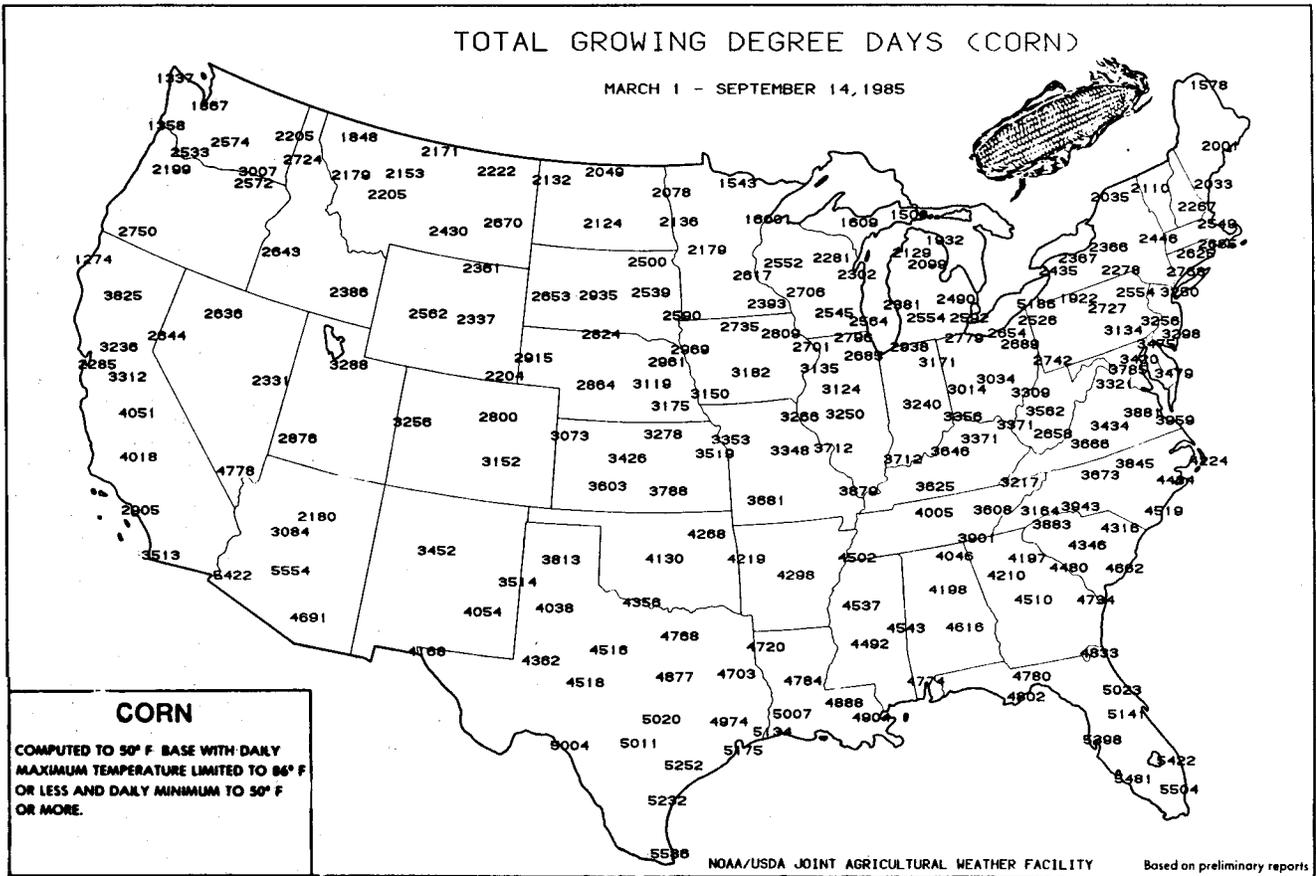
STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Sept. 1	PCT. NORMAL SINCE Sept. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE		PRECIPITATION		
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
SHREVEPORT	88	69	95	64	78	0	1.2	-.4	.8	1.5	101	31.0	97	95	54	3	0	2	1	
ME CARIBOU	59	41	68	32	50	-5	.6	-.3	.5	1.0	61	20.7	82	88	48	0	0	2	0	
PORTLAND	66	47	84	38	57	-3	.7	0	.4	1.3	85	19.5	68	89	45	0	0	2	0	
MD BALTIMORE	80	60	95	48	70	-1	T	-.8	T	T	1	22.5	74	82	40	2	0	1	0	
SALISBURY	80	59	94	44	69	-1	.5	-.5	.4	.5	23	24.4	75	96	49	3	.0	2	0	
MA BOSTON	70	54	88	45	62	-4	1.1	-.3	.9	2.5	151	26.8	89	90	49	.0	0	3	1	
CHATHAM	68	52	81	35	60	-3	1.7	-.8	1.4	2.3	128	34.5	109	90	--	0	0	3	1	
MI ALPENA	65	45	80	36	55	-3	.4	-.3	.4	2.3	158	24.3	115	99	56	0	0	1	0	
DETROIT	70	53	88	42	62	-3	.9	-.3	.7	1.7	150	28.3	124	81	47	0	0	2	1	
FLINT	70	50	84	38	60	-3	2.6	2.0	2.2	6.5	540	30.8	142	97	57	0	0	2	1	
GRAND RAPIDS	70	50	85	39	60	-4	1.3	.5	.9	3.1	202	27.7	114	97	55	0	0	2	1	
HOUGHTON LAKE	66	46	77	35	56	-3	2.2	1.5	2.2	4.4	318	24.6	122	97	51	0	0	2	1	
LANSING	70	48	90	36	59	-4	1.0	-.3	.8	1.0	77	24.0	111	97	57	1	0	2	1	
MARQUETTE	61	39	69	29	50	-5	.3	-.7	.2	3.0	164	33.7	128	96	52	0	1	2	0	
MUSKEGON	70	50	81	38	60	-3	.9	-.2	.5	1.8	128	26.1	120	92	49	0	0	3	0	
SAULT STE. MARIE	64	42	76	35	53	-3	.1	-.9	.1	1.8	93	27.8	122	97	51	0	0	1	0	
MN ALEXANDRIA	64	50	69	48	57	-2	1.5	.9	1.4	2.7	226	19.9	101	91	57	0	0	2	1	
DULUTH	62	39	66	33	50	-5	.4	-.4	.3	3.1	187	24.1	105	98	47	0	0	3	0	
INT'L FALLS	63	41	66	32	52	-2	T	-.7	T	.4	27	23.7	127	91	46	0	1	1	0	
MINNEAPOLIS	70	53	84	47	61	-1	.6	0	.5	1.3	102	22.1	104	85	45	0	0	2	0	
ROCHESTER	67	50	78	40	59	-2	1.1	.3	1.1	2.2	144	18.4	82	95	59	0	0	1	1	
MS GREENWOOD	86	69	90	64	77	0	.9	-.1	.9	1.7	111	24.1	63	95	62	3	0	1	1	
JACKSON	89	67	92	64	78	0	T	-.9	T	1.3	77	33.5	86	96	49	4	0	0	0	
MERIDIAN	89	67	94	63	78	1	T	-.9	T	2	34.2	86	95	47	5	0	0	1	0	
MO CAPE GIRARDEAU	80	63	92	52	72	-1	.1	-.8	.1	1.1	59	35.5	108	89	56	2	0	1	0	
COLUMBIA	76	59	91	52	67	-3	.1	-.8	.1	.1	7	37.3	140	92	55	1	0	1	0	
KANSAS CITY	75	59	94	52	67	-3	2.1	1.2	2.1	2.1	111	33.0	123	89	59	1	0	2	1	
SAINT LOUIS	80	62	94	53	71	0	T	-.6	T	T	0	34.7	137	87	50	2	0	0	0	
SPRINGFIELD	80	63	91	55	71	0	T	-1.0	T	.1	5	34.6	121	90	57	2	0	1	0	
MT BILLINGS	69	48	86	42	59	-2	.2	-.1	.1	.5	89	8.9	77	81	40	0	0	2	0	
GLASGOW	66	49	81	43	57	-2	.4	-.1	.4	.6	133	10.8	109	86	50	0	0	1	0	
GREAT FALLS	59	46	72	39	53	-6	1.4	1.1	.5	2.3	416	13.4	108	91	66	0	0	4	1	
HAVRE	62	47	73	43	54	-4	1.1	.9	1.0	1.9	407	8.0	87	89	59	0	0	3	1	
HELENA	62	44	72	39	53	-4	.9	.7	.5	1.4	335	6.6	72	89	51	0	0	5	1	
KALISPELL	64	43	79	37	54	-2	1.4	1.1	1.2	2.4	405	9.8	84	88	51	0	0	6	1	
MILES CITY	73	52	88	46	62	1	0	-.3	0	T	4	9.1	81	79	38	0	0	0	0	
MISSOULA	65	46	71	38	56	-2	2.1	1.8	.8	3.1	570	10.3	104	96	50	0	0	6	1	
NE GRAND ISLAND	67	56	75	53	62	-4	3.0	2.4	1.2	4.4	351	24.5	126	97	80	0	0	4	3	
LINCOLN	70	57	83	52	64	-3	1.7	1.0	.9	2.0	134	26.1	118	95	67	0	0	3	2	
NORFOLK	66	55	79	51	60	-5	2.3	1.8	1.4	3.2	299	22.0	109	96	76	0	0	4	1	
NORTH PLATTE	70	55	77	48	62	-1	1.6	1.2	1.1	2.3	273	15.4	92	91	64	0	0	4	1	
OMAHA	69	56	88	50	63	-3	.5	-.3	.2	.6	35	16.8	69	90	71	0	0	3	0	
SCOTTSSBLUFF	75	52	85	42	64	1	.5	-.2	.3	.6	133	6.6	54	95	43	0	0	2	0	
VALENTINE	71	54	80	49	63	-1	.9	.5	.7	1.4	175	11.9	80	90	57	0	0	2	1	
NV ELY	68	36	77	28	52	-6	.8	-.6	.8	1.1	327	5.6	84	81	26	0	2	1	1	
LAS VEGAS	87	60	98	53	74	-8	0	-.1	0	T	19	.8	27	37	11	3	0	0	0	
RENO	66	41	74	32	54	-8	.1	-.1	.1	.4	300	2.5	48	81	26	0	1	3	0	
WINNEMUCCA	66	40	79	34	53	-9	.4	-.3	.3	.5	347	3.5	64	89	36	0	0	2	0	
NH CONCORD	68	42	86	30	55	-6	.4	-.4	.3	2.6	173	20.0	81	98	48	0	3	2	0	
NJ ATLANTIC CITY	78	55	93	43	67	-1	.2	-.5	.1	.2	12	22.2	74	93	46	1	0	2	0	
NM ALBUQUERQUE	83	57	86	53	70	0	T	-.2	T	.2	39	6.9	115	62	19	0	0	0	0	
CLOVIS	82	61	88	59	72	1	.6	-.1	.4	.7	77	20.6	156	85	43	0	0	2	0	
ROSWELL	85	64	91	60	74	1	.1	-.3	0	.3	30	9.8	134	81	37	2	0	4	0	
NY ALBANY	68	49	86	36	58	-5	.9	.1	.7	1.3	84	19.1	76	99	59	0	0	5	1	
BINGHAMTON	66	48	79	37	57	-4	.8	0	.5	.9	56	20.4	78	95	58	0	0	4	1	
BUFFALO	67	51	84	41	59	-5	.8	0	.3	1.0	59	27.4	106	93	55	0	0	4	0	
NEW YORK	74	60	89	50	67	-3	1.0	.2	.6	1.0	58	24.9	82	87	55	0	0	3	1	
ROCHESTER	67	51	83	39	59	-5	1.0	-.4	.4	1.6	120	18.3	82	97	55	0	0	4	0	
SYRACUSE	67	50	78	37	58	-5	.4	-.4	.2	1.9	116	20.0	72	97	58	0	0	5	0	
NC ASHEVILLE	77	56	89	37	66	-2	.7	-.3	.7	.7	36	26.6	75	98	56	0	0	1	1	
CHARLOTTE	82	63	91	47	72	-1	.7	-.1	.7	.7	42	34.6	107	86	48	3	0	1	1	
GREENSBORO	79	59	91	39	69	-2	0	-.9	0	0	0	25.5	81	87	48	3	0	0	0	
HATTERAS	82	70	89	63	76	1	T	-1.4	T	.6	21	31.7	82	85	58	0	0	1	0	
NEW BERN	86	66	94	50	76	0	.2	-.2	.2	.2	7	30.0	75	91	49	3	0	1	0	
RALEIGH	81	60	93	42	71	-2	T	-.8	T	T	1	27.8	89	85	44	3	0	1	0	
WILMINGTON	86	66	93	49	76	0	.8	-.7	.6	.8	26	31.4	77	90	51	4	0	2	1	
ND BISMARCK	63	51	70	43	57	-2	.8	.4	.7	.8	109	14.7	114	83	59	0	0	2	1	
FARGO	65	49	68	42	57	-2	.2	-.3	.1	1.1	111	16.0	100	86	56	0	0	3	0	
GRAND FORKS	65	46	71	33	56	-2	.3	-.2	.2	.6	57	13.5	91	87	47	0	0	3	0	
WILLISTON	65	48	80	41	57	-1	.2	-.1	.2	.4	60	8.9	78	89	50	0	0	2	0	
OH AKRON-CANTON	72	52	88	39	62	-4	.1	-.7	0	.1	3	24.5	91	96	51	0	0	2	0	
CINCINNATI	79	58	92	44	68	-1	0	-.7	0	0	0	28.5	95	85	37	2	0	0	0	
CLEVELAND	70	56	89	43	63	-2	1.4	.7	.8	1.4	97	25.7	99	88	56	.0	0	3	2	
COLUMBUS	76	54	92	42	65	-2	T	-.7	T	T	0	23.0	81	83	41	1	0	0	0	

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending September 14, 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 Sept. 1	PCT. NORMAL SINCE Sept. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE		PRECIPITATION	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	77	53	91	39	65	-3	T	-6	T	T	1	22.1	84	82	41	2	0	1	0
TOLEDO	70	52	90	37	61	-4	.8	.2	.6	1.3	103	26.5	112	95	55	1	0	2	1
YOUNGSTOWN	71	50	88	36	61	-3	1.3	.6	.7	1.4	88	25.9	94	98	53	0	0	1	1
OK OKLAHOMA CITY	90	68	98	60	79	4	2.0	1.2	2.0	2.0	133	32.4	137	85	43	3	0	1	1
TULSA	87	68	101	60	78	3	1.2	.1	1.0	1.2	59	35.2	123	90	50	3	0	4	1
OR ASTORIA	63	49	65	45	56	-3	1.8	1.1	.9	2.8	233	24.4	61	99	67	0	0	1	1
BURNS	56	33	65	28	44	-16	1.0	.8	.7	1.1	367	4.6	96	—	—	0	4	5	1
MENFORD	66	47	69	44	56	-10	1.0	.9	.6	1.5	518	6.3	56	95	42	0	0	4	1
PENDLETON	64	48	70	43	56	-9	1.7	1.6	1.1	1.9	746	6.9	88	86	52	0	0	5	1
PORTLAND	67	52	69	48	60	-4	2.3	2.0	1.4	2.5	360	13.3	61	94	54	0	0	5	2
SALEM	66	49	68	43	57	-5	.9	.5	.3	.9	152	12.8	55	97	56	0	0	5	0
PA ALLENTOWN	74	55	84	43	64	-2	.8	-.2	.6	.8	38	27.4	86	90	50	0	0	2	1
ERIE	71	56	88	45	64	0	1.1	-.1	.7	1.4	76	26.3	97	89	54	0	0	3	1
HARRISBURG	75	58	90	46	67	-2	1.0	.1	.6	1.0	57	22.6	81	85	48	1	0	2	1
PHILADELPHIA	77	58	89	47	67	-2	1.1	.3	.5	1.1	64	21.9	73	85	48	0	0	3	0
PITTSBURGH	73	52	89	37	62	-4	T	T	T	T	1	22.6	82	77	41	0	0	1	0
SCRANTON	70	50	81	37	60	-4	1.1	.3	.6	1.1	68	25.2	100	97	55	0	0	3	1
RI PROVIDENCE	71	51	87	42	61	-4	.4	-.4	.2	1.1	63	30.9	99	93	47	0	0	4	0
SC CHARLESTON	86	68	94	52	77	0	1.1	-.2	1.0	1.1	41	37.6	92	90	50	4	0	2	1
COLUMBIA	86	64	94	47	75	-1	T	-1.1	T	T	0	32.5	84	92	45	4	0	0	0
FLORENCE	86	65	93	49	75	-1	1.2	.2	1.1	1.2	61	24.9	72	92	47	4	0	2	1
GREENVILLE	82	60	92	42	71	-3	.5	-.6	.5	1.5	76	31.4	84	92	50	4	0	2	0
SD ABERDEEN	62	51	70	46	57	-4	2.2	1.9	1.1	2.7	351	15.0	101	95	73	0	0	4	2
HURON	64	53	68	51	58	-4	1.6	1.3	1.2	2.9	411	20.4	132	94	76	0	0	3	1
RAPID CITY	71	50	86	44	61	-2	.9	.7	.6	1.2	218	9.3	66	92	51	0	0	4	1
SIOUX FALLS	65	52	76	49	59	-4	1.4	.7	.7	2.2	152	22.8	117	95	74	0	0	3	2
TN CHATTANOOGA	83	63	91	50	73	-1	T	-1.1	T	.5	24	28.5	75	94	48	1	0	0	0
KNOXVILLE	83	60	91	45	72	-2	.2	-.6	.2	.2	11	25.4	73	93	45	3	0	1	0
MEMPHIS	84	68	91	60	76	0	1.3	.4	1.2	1.7	93	34.8	91	89	56	2	0	2	1
NASHVILLE	83	63	93	49	73	-1	.4	-.5	.4	.4	25	22.4	63	90	47	3	0	1	0
TX ABILENE	88	70	95	66	79	2	.2	-.5	.2	.2	15	17.2	101	82	42	3	0	3	0
AMARILLO	87	65	98	60	76	5	2.3	1.8	1.5	2.3	245	16.0	101	78	40	3	0	4	2
AUSTIN	89	72	97	67	81	0	1.7	.9	1.4	2.5	159	19.4	89	97	50	3	0	3	1
BEAUMONT	89	72	92	70	81	0	1.2	-.3	.9	5.6	186	49.2	132	100	64	3	0	5	1
BROWNSVILLE	92	74	95	73	83	1	1.3	0	1.3	1.3	54	22.6	138	97	54	6	0	3	1
CORPUS CHRISTI	90	73	93	71	82	-1	.3	-1.2	.2	.3	10	21.9	105	93	56	4	0	2	0
DEL RIO	92	73	96	70	82	1	.5	-.1	.5	.7	60	13.6	112	82	39	4	0	1	0
EL PASO	88	63	91	57	75	0	1.1	-.2	.1	.4	63	5.2	93	83	33	2	0	4	2
FORT WORTH	91	71	100	64	81	1	1.9	1.1	1.1	1.9	128	21.6	100	80	42	5	0	2	2
GALVESTON	84	75	88	73	80	-1	1.1	-.4	.5	1.8	62	31.9	115	80	62	0	0	5	1
HOUSTON	90	72	94	71	81	1	.4	-.8	.2	.4	19	29.7	95	96	57	4	0	4	0
LUBBOCK	89	66	97	62	77	5	.2	-.3	.2	.2	23	14.6	105	82	39	5	0	2	1
MIDLAND	90	67	97	66	78	3	1.8	1.3	1.1	2.0	209	9.2	91	81	40	5	0	3	0
SAN ANGELO	88	68	95	66	78	0	1.1	.4	.9	1.2	85	14.1	109	90	44	3	0	2	1
SAN ANTONIO	89	73	96	71	81	0	.8	-.1	.8	1.3	75	28.8	140	91	48	3	0	2	1
VICTORIA	82	74	97	73	83	2	.8	-.7	.6	.8	28	31.4	121	97	52	4	0	3	1
WACO	99	70	98	66	80	-1	3.1	2.3	2.8	3.1	217	20.3	92	95	49	4	0	3	1
WICHITA FALLS	83	69	100	64	81	3	.1	-.7	.1	.1	5	24.3	124	78	38	6	0	2	0
UT BLANDING	72	43	80	33	58	-7	.7	.6	.7	1.1	268	9.8	131	81	30	0	0	2	1
CEDAR CITY	76	46	85	38	61	-4	T	-.2	T	.1	14	6.6	89	57	19	0	0	1	0
SALT LAKE CITY	79	55	86	47	67	0	.9	.7	.9	1.1	268	10.5	95	70	23	0	0	3	1
VT BURLINGTON	63	45	80	37	54	-6	.4	-.3	.3	1.6	100	23.0	96	94	52	0	0	3	0
VA NORFOLK	83	69	96	60	76	2	0	-1.1	0	T	0	28.0	83	74	41	3	0	0	0
RICHMOND	83	61	96	44	72	0	T	-.8	T	T	0	31.6	99	70	39	3	0	2	1
ROANOKE	80	59	93	40	69	-1	1.0	.3	.8	1.3	83	32.8	115	92	45	3	0	6	1
WA COLVILLE	65	51	71	45	58	-2	1.1	.9	.7	1.8	454	8.9	78	86	64	0	0	6	1
QUILLAYUTE	64	48	68	42	56	-2	2.5	1.5	1.2	3.9	195	33.0	55	99	63	0	0	6	2
SEATTLE-TACOMA	65	51	69	48	58	-3	1.1	.6	.3	1.4	169	12.8	58	94	56	0	0	6	0
SPOKANE	63	49	68	47	56	-5	.7	.6	.3	.9	260	6.1	57	93	51	0	0	5	1
YAKIMA	66	45	68	41	56	-7	.8	.8	.6	.8	494	3.2	63	89	48	0	0	5	0
WV BECKLEY	73	52	85	37	62	-2	.1	-.8	.1	.1	5	26.1	82	97	49	0	0	3	0
CHARLESTON	80	58	93	38	69	0	T	-.7	T	.3	20	25.8	80	86	41	3	0	0	0
HUNTINGTON	79	57	91	42	68	-2	0	-.8	0	T	3	29.7	96	93	45	2	0	0	0
PARKERSBURG	77	55	93	39	66	-3	0	-.7	0	T	2	20.3	63	94	41	1	0	0	0
WI GREEN BAY	70	51	80	42	60	0	.4	-.4	.4	1.2	79	26.5	126	85	49	0	0	1	0
LA CROSSE	70	52	81	42	61	-2	.8	-.1	.7	2.1	120	19.2	80	94	56	0	0	2	1
MADISON	68	49	79	39	59	-3	1.4	.7	.9	2.3	148	24.1	102	96	61	0	0	2	2
MILWAUKEE	67	56	79	48	61	-2	2.7	2.0	1.5	2.7	191	21.3	92	89	65	0	0	2	2
WAUSAU	67	48	78	38	57	-2	1.1	.1	.7	1.6	81	21.9	90	93	49	0	0	1	0
WY CASPER	76	43	85	38	60	-1	T	-.1	T	.3	107	7.8	88	84	22	0	0	3	0
CHEYENNE	70	48	78	41	59	0	.9	.6	.4	1.1	204	16.6	148	92	41	0	0	2	0
LANDER	72	45	81	37	59	-1	.3	.1	.2	.4	106	5.9	58	73	21	0	0	2	0
SHERIDAN	74	46	87	38	60	1	T	-.3	T	.1	10	7.3	63	79	31	0	0	2	0
PR SAN JUAN	86	74	89	71	80	-2	3.4	2.0	1.3	3.6	128	24.9	71	95	67	0	0	6	3

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS



National Agricultural Summary

September 9 to 15, 1985

HIGHLIGHTS: Cool temperatures slowed crop development and maturity across most of the Nation except for Texas, Louisiana, Mississippi, and portions of Alabama. Rain interrupted fieldwork in the northern Corn Belt, across the Plains, down into Texas. Fieldwork averaged 5 days in most areas but was limited to less than 4 days in Michigan, South Dakota, Minnesota, Nebraska, Louisiana, Montana, and Idaho. Soil moisture was generally adequate but remained short in most Western States. Soil moisture was short to adequate in the Southeast.

Spring wheat was 86 percent (%) harvested, compared with 95% normally. Harvest was behind normal in all States except Idaho and Montana. Winter wheat was 15% seeded, 3 points behind normal and 2 points slower than 1984. Seeding was underway in all major producing States except California and Missouri. Corn was 39% mature and 5% harvested, compared with 43% mature and 5% harvested normally. Cooler-than-normal temperatures slowed crop development especially in the Corn Belt and Great Plains. Soybeans dropped leaves on 21% of the acreage, 3 points behind 1984 and 6 points below the 27% average. Cotton was mostly good and bolls opened on 56% of the acreage, 8 points above average. Sorghum was coloring on 73% of the acreage and 35% matured. Harvest was 3 points behind the 26% average. Flue-cured tobacco harvest neared completion in Georgia. Harvest was 9 and 14 points behind normal in Virginia and North Carolina, respectively. Burley harvest progressed rapidly. Rice was 42% harvested, slightly ahead of normal. Southeastern peanut harvest gained momentum. Livestock was mostly good and movement from summer pastures increased. Pastures were mostly good to fair, but the cool temperatures slowed growth.

SMALL GRAINS: Spring wheat harvest lagged behind normal and last year in all States except Idaho and Montana: harvest was 86% complete compared with 95% normally and up 8 points from last week. Rain held harvest at a standstill in South Dakota. Harvest increased 8 and 20 points from last week in North Dakota and Minnesota, respectively.

Winter wheat was 15% seeded, 3 points behind normal and 2 points behind last year. South Dakota and Colorado seeded the largest percentage of their wheat acreage, but both States lagged behind the normal pace. In Washington, 40% of the wheat was seeded, 16 points above normal. Seeding was underway in all major producing States except California and Missouri.

CORN: Corn was mostly good throughout the Corn Belt and Great Plains States and was mostly good to fair elsewhere. Cooler-than-normal temperatures slowed crop development especially in the Corn Belt and Great Plains. Corn was 39% mature and 5% harvested, compared with 43% mature and 5% harvested normally. In the 16 of the 17 major producing States, 87% reached the dent stage, 1 point ahead of average.

SOYBEANS: Soybeans were dropping leaves on 21% of the acreage, 3 points behind 1984 and 6 points below the 27% average. Progress lagged behind normal in 14 of the 19 major producing States. Only 3 of the major producing States were ahead of the normal progress. Harvest was underway in Illinois, Kansas, and Louisiana. Soybeans were mostly good to excellent in the Corn Belt, good in the Great Plains. Soybeans were good to fair in the Southeast and Delta, with moisture supplies diminishing.

COTTON: Cotton was mostly good and bolls were

opening on 56% of the acreage, compared with 48% normally. Last year, 45% reached the boll opening stage by this time. Harvest began in Alabama, Arizona, and Oklahoma. In Georgia cotton was 5% harvested, 4 points below average. Harvest was 4 and 8 points ahead of normal in Texas and Louisiana, respectively. Moisture shortage in the Texas High Plains caused small bolls to shed. Rain slowed harvest in the central areas but helped relieve stress in the Low Plains and Cross-Timbers.

SORGHUM: Sorghum was mostly good to fair. In 6 of the 7 major producing States, sorghum was coloring on 73% of the acreage and 35% was mature. Normally, 72% would be coloring and 38% mature. Sorghum was 23% harvested, 3 points below average. Harvest was underway in all States except Nebraska and South Dakota. In Kansas, sorghum coloring equalled the average, but sorghum mature was 5 points behind normal. Harvest lagged the normal by 4 points. Sorghum coloring and mature was ahead of normal in Missouri but harvest was 6 points behind normal.

OTHER CROPS: Flue-cured tobacco harvest neared completion in Georgia, but was 9 and 14 points behind normal in Virginia and North Carolina, respectively. Burley harvest progressed rapidly, ranging from 5 points ahead of normal in Tennessee to 27 points above the average in North Carolina. Excessive moisture and humidity caused houseburn in a few States.

Rice was 42% harvested, slightly ahead of normal. Texas rice harvest was 81% finished; normally the crop would be harvested by this time. Rice was 29% harvested in Arkansas and 31% harvested in Mississippi. Harvest finally began in California with 1% of the crop cut.

Southeastern peanut harvest continued gaining momentum. Alabama peanuts were 35% dug and 26% combined. Georgia peanuts were more than half dug, 20 points above normal, and 36% threshed, 14 points above average. Texas peanuts were 8% harvested, and digging continued in southern areas and spread into the Low Plains and Cross-Timbers.

VEGETABLES: Florida vegetable growers planted and transplanted vegetables and prepared land. Tomato transplanting neared completion in the Palmetto-Ruskin area. Early eggplant and peppers bloomed. In Texas, lettuce, celery, and cabbage planting should begin soon. Land preparation continued in the Rio Grande Valley and east Texas areas. California producers planted broccoli in the San Joaquin Valley, desert, and coastal areas. Vegetable harvest consisted of broccoli, cauliflowers, cantaloups, celery, carrots, lettuce, and processing tomatoes. Potato harvest gained momentum in most northern major producing areas.

FRUIT AND NUTS: Moisture was adequate in all of Florida's citrus areas. New crop fruit progressed well, with the 1985-86 harvest season progressing slowly. White and colored grapefruit were packed and shipped. Navels and K-Early citrus was picked. Lemons were picked in Arizona's Yuma County. Other citrus sized and developed well. Valencia oranges, summer grapefruit, and desert lemons were actively harvested in California. Drying raisin grapes were treated for mold and decay. Table and wine grape harvests continued. Pistachio and walnut growers prepared for harvest. Apple harvest continued in the northern producing areas.

(Continued to back page)

CROP PROGRESS FOR WEEK ENDING SEPT 15, 1985

SOYBEANS % DROPPING LEAVES		SOYBEANS % HARVESTED		RICE % HARVESTED		WINTER WHEAT % PLANTED		COTTON % BOLLS OPENING	
1985	1984	1985	1984	1985	1984	1985	1984	1985	1984
ALA	13	12	15	0	0	0	0	77	39
ARK	6	1	15	0	0	1	2	85	44
GA	15	16	19	0	0	0	0	80	70
ILL	38	36	39	3	1	76	40	68	61
IND	30	35	35	0	0	31	2	90	72
IOWA	34	37	33	0	0	81	15	56	64
KANS	25	40	20	1	5	42	1	89	55
KY	20	18	20	0	0	0	2	72	66
LA	12	15	16	0	0	0	0	36	84
MICH	35	40	37	0	0	0	10	50	70
MINN	16	30	39	0	0	0	2	90	84
MISS	10	7	16	0	0	0	2	45	15
MO	11	25	18	0	2	0	0	80	58
NEBR	10	10	20	0	0	0	1	70	30
N C	0	0	0	0	0	0	15	34	26
OHIO	25	20	30	0	0	0	3	56	48
S C	1	0	8	0	0	0	9	0	0
S DAK	34	33	56	0	0	0	1	0	0
TENN	13	6	12	0	0	0	40	0	0
19 STATES	21	24	27	1	1	0	15	17	18

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

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

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

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

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

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

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

SORGHUM % COLORING		SORGHUM % MATURE		SORGHUM % DENT		CORN % MATURE		CORN % HARVESTED	
1985	1984	1985	1984	1985	1984	1985	1984	1985	1984
ARK	90	NA	NA	78	89	74	23	37	22
KANS	55	60	55	100	100	100	100	99	99
MO	82	84	76	95	98	96	52	49	62
NEBR	75	70	75	99	96	89	55	45	40
OKLA	95	95	85	93	90	87	45	40	43
S DAK	52	77	77	90	90	80	55	55	45
TEX	89	86	85	100	100	96	67	51	55
7 STATES	74	NA	NA	75	85	84	25	25	33
EXCL. STATES WITH NA	73	74	72	86	93	89	10	30	26
				100	95	94	80	54	60
				85	92	80	10	20	20
				100	97	100	96	84	91
				95	90	85	35	40	45
				68	50	66	10	5	14
				53	67	81	27	29	45
				99	NA	NA	86	NA	NA
				59	67	62	18	27	31
				17 STATES	88	NA	40	NA	NA
				EXCL. STATES WITH NA	87	86	39	39	43
				7 STATES	23	24	26	5	5

NA - NOT AVAILABLE.

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

THESE 17 STATES PRODUCED 93% OF THE 1984 CORN 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 mostly western counties. Totals 1.11 in. Birmingham. Temperatures averaged 3° below normal.

Fieldwork 6.3 days. Soil moisture 36% short, 64% adequate. Corn harvest 75%, 56% 1984, 64% avg.; 13% poor, 36% fair, 40% good, 11% excellent. Soybeans setting pods virtually complete; turning color 27%, 26% 1984, 37% avg.; dropping leaves 13%, 12% 1984, 15% avg.; 33% fair, 59% good, 8% excellent. Cotton bolls open 77%, 39% 1984, 44% avg.; few fields harvested; 17% fair, 73% good, 10% excellent. Sorghum harvested 47%, 44% 1984; 24% fair, 70% good, 6% excellent. Peanuts dug 35%, 25% 1984, 19% avg.; combined 26%, 12% 1984, 11% avg.; 13% fair, 87% good. Pastures 20% fair, 74% good, 6% excellent. Livestock 10% fair, 84% good, 6% excellent. Primary activities: Harvesting corn, sorghum, peanuts, hay, commercial vegetables; fertilizing fall pastures; preparing land, planting winter grazing crops; weaning, marketing 1985 spring calf crop; defoliating cotton.

ALASKA: Cool, moist, stormy autumn weather covered most areas of Railbelt. Temperatures ranged from 7° below normal to 5° above normal. Precipitation ranged 0.33 in. Salcha to 1.58 in. Wasilla.

Up to 4.0 days available, some areas. Topsoil moisture 50% adequate, 50% surplus. Subsoil moisture 77% adequate, 23% surplus. Unfavorable weather conditions delaying grain and hay harvest most areas. Barley grain 80% ripe, very small percentage harvested. Some light lodging occurred, small grains. Vegetable harvest continued. Commercial potato harvest less than 40% harvested, 90% 1984.

ARIZONA: Mostly sunny, cool weather 8th, 9th. Showers, thunderstorms eastern two-thirds late 10th, 11th. Precipitation mostly 0.10 to 0.75 in. except locally over 1.50 in. Extreme west continued dry. Record and near-record minimums reported morning of 12th. Warming trend 13th, 14th with few isolated showers over White Mountains, southeast. Temperatures varied from 1° to 10° below normal.

Cotton 63% good, 37% excellent; open bolls 85%, 80% 1984, 70% avg. Defoliation spraying light in western and central areas. Limited harvesting in west. First fields in central area to be picked within ten days. Insect infestations normal with localized exceptions. Alfalfa harvest moderate, crop in good condition. Sales remained slow, prices holding steady. Seedbed preparation in west. Sorghum good to excellent. Much of crop turning color. Corn harvested southeast on limited scale, crop progressing nicely. Sesame harvest continued. Peanuts in good condition. Lemons picked Yuma County, first groves Maricopa County picked this week. Other citrus sizing and developing well. Groves in good condition. Apples picked Willcox area. Fall melons progressing well. Cantaloups harvested in central areas. Planting of fall and winter vegetable Yuma County. Movement of lettuce Willcox should begin October 1. Green onions shipped.

ARKANSAS: Temperatures 4° below normal to 10° above normal. Rainfall early in week. Temperature extremes 49°; 99°. Precipitation none to 3.18 in.

Days suitable for fieldwork 6.0. Soil moisture

48% short, 52% adequate. Cotton 68% bolls opening, 51% 1984, 61% avg. Cotton 21% fair, 53% good, 26% excellent. Winter wheat 1% planted, 2% 1984, 2% avg. Rice 29% harvested, 13% 1984, 18% avg. Rice 8% fair, 81% good, 11% excellent. Sorghum 90% coloring; 53% harvested, 32% 1984, 42% avg. Sorghum 77% mature; 35% fair, 61% good, 4% excellent. Soybeans 6% dropping leaves, 1% 1984, 13% avg.; none harvested, none 1984, none avg. Soybeans 30% fair, 70% good.

CALIFORNIA: Cool, wet conditions dominated State's weather first half of week. Weather pattern normally observed late fall, early winter lowered average temperatures by 10°, brought rain to most locations. Heaviest rainfall restricted to north.

Cooler-than-normal temperatures slowed crop maturation. Wheat none planted, none 1984, none avg. Rice 1% harvested, 10% 1984, 4% avg. Cotton 90% open bolls, 90% 1984, 72% avg. Sugarbeets, field corn, safflower harvests continued. Alfalfa being cut for hay. Apple harvest continued. Date harvest began Riverside County. Isolated areas Fresno County damage to figs from showers. Drying raisin grapes treated for mold, decay. Table, wine grape; olive, Valencia orange, summer grapefruit, desert lemon harvests active. Stonefruit picking winding down. Almond harvest slightly behind schedule from recent rains. Pistachio, walnut growers preparing for harvest. Broccoli, cauliflower light to moderate supply central coast. Planting San Joaquin Valley, desert, coastal areas. Cantaloup harvest slowing San Joaquin Valley. Carrot harvest moderate San Joaquin Valley, decreasing Salinas Valley. Celery supplies light to moderate central coast. Lettuce fairly heavy supply central coast. Some San Joaquin Valley fields worm problem. Potato harvest slow due market conditions. Processing tomato harvest still heavy. Recent rains, northern, central beneficial range conditions, reduced fire danger. Range feed, stockwater supplies continued decline most areas. Supplemental feeding increased. Cattle grazing harvested melon fields westside. Livestock marketings, movement winter pastures gained momentum.

COLORADO: Temperatures above normal southeast, below normal west, normal elsewhere. Scattered showers at midweek with 0.30 to 0.50 in. of rain in most River Basin areas.

Days suitable for fieldwork 5.2. Soil moisture 38% short, 60% adequate, 2% surplus. Winter wheat 47% seeded, 40% 1984, 52% avg.; 16% emerged, 15% 1984, 17% avg. Corn 26% good, 74% excellent; 78% dented, 53% 1984, 35% avg.; 23% mature, 37% 1984, 22% avg. Barley 91% harvested, 95% 1984, 89% avg. Sorghum 97% headed, 98% 1984, 97% avg.; 59% turning color, 75% 1984, 68% avg.; 4% mature, 12% 1984, 10% avg. Dry beans 65% cut, 86% 1984, 67% avg.; 33% threshed, 37% 1984, 27% avg. Range feed, livestock in good condition.

FLORIDA: Through evening of 12th, balmy temperatures, light winds, occasional afternoon showers dominated. First cold front of season perched on Florida-Georgia boarder, moved evening of 13th through south central, passed through State next day. Strong, gusty northeast winds to 40 to 50 mph covered entire State along with a few patches of light rain especially at weekend.

Soil moisture adequate except surplus in coastal areas. Dry weather provided ideal harvesting conditions. Soybeans good, insect counts increasing. Peanut harvest in full swing. Cotton good, opening rapidly. Haymaking very active, conditions good. Sugarcane good progress, cutting cane for seed increasing. Most pastures good to excellent condition except some low lying coastal fields under water as result of heavy rains, recent weeks. Cattle, calves mostly good to excellent condition. Most commercial citrus groves very good to excellent condition. Grove moisture adequate all areas. New crop fruit making excellent progress; 1985-86 harvest season progressing slowly; white and colored grapefruit packed and shipped. Navels, K-Early citrus picked but not yet packed. Heavy rains vegetable areas Dade County. Normal weather most other vegetable areas. Daytime highs 80's and 90's. Nighttime lows in 70's. Land preparation continued quite active. Planting, transplanting most crops underway. Planting expected to increase as season progresses. Tomato transplanting nearing completion Palmetto-Ruskin area. Crop progress good. Sweet corn making good progress. First harvest expected in two weeks. Early eggplant, peppers blooming.

GEORGIA: Rainfall under 0.50 in. most locations. Greatest 1.31 in. Waycross, 1.03 in. Tugalo Dam. Rain only one day except near coast 2 to 3 days. Temperature ranged 99° at Augusta on 9th to 34° at Clayton on 15th. Temperatures exceeded 90° 2 to 3 days. Temperatures 4 to 6° below normal north, 3 to 4° below normal across central counties, 1 to 2° below normal south.

Days suitable for fieldwork 6.1. Soil moisture 2% very short, 52% short, 45% adequate, 1% surplus. Main activities: Harvesting corn, peanuts, grain sorghum, hay and small grain field preparation. Corn 100% mature, 99% 1984, 99% avg.; 76% harvested, 76% 1984, 80% avg.; 4% poor, 38% fair, 52% good, 6% excellent. Cotton 56% bolls open, 48% 1984, 64% avg.; 5% harvested, 2% 1984, 9% avg.; 1% poor, 27% fair, 67% good, 2% excellent. Grain sorghum 1% poor, 27% fair, 67% good, 5% excellent. Peanuts 57% dug, 30% 1984, 37% avg.; 36% threshed, 18% 1984, 22% avg.; 13% fair, 80% good, 7% excellent. Soybeans 97% setting pods, 99% 1984, 96% avg.; 15% dropping leaves, 16% 1984, 19% avg.; 2% poor, 20% fair, 72% good, 6% excellent. Tobacco 98% harvested, 99% 1984, 99% avg.; 5% poor, 52% fair, 43% good. Wheat 1% planted, 2% 1984, 2% avg. Rye 2% planted, 3% 1984, 4% avg. Other small grains none planted, 1% 1984, 5% avg. Apples 56% harvested, 79% 1984, 80% avg.; 6% poor, 31% fair, 58% good, 5% excellent. Pecans 5% poor, 42% fair, 51% good, 2% excellent. Pastures 1% poor, 16% fair, 78% good, 5% excellent. Hay 1% poor, 22% fair, 71% good, 6% excellent. Cattle 1% poor, 16% fair, 80% good, 3% excellent. Hogs 19% fair, 77% good, 4% excellent.

HAWAII: Crops made fair to good progress under variable weather conditions. Low pressure systems north of islands resulted in light to variable winds much of week. Absence of usual trade winds brought afternoon cloudiness and showers to some crop growing areas. Range fire on boarder of North Kona and South Kohala on Hawaii island destroyed pasture and native forage. Bananas pass peak seasonal harvest. Head cabbage supplies expected to be steady. Diseases affecting some Head lettuce fields and production will be light to moderate. Papaya output low although orchards in fair to good condition.

IDAHO: Upper trough of lower pressure situated over central California produced clouds, periods of precipitation. Cool weather accompanied clouds and showers with most stations showing average

readings 3 to 4° below normal. Grangeville's precipitation total of slightly over 3.50 in., most in State. Some improvement in weather occurred by late week as low pressure areas finally moved east of State. End of week temperatures returned to more normal levels with conditions drying across State.

Days suitable for fieldwork 3.2. Winter wheat seeded 14% complete, 18% 1984, 15% avg. Spring wheat harvest 90% finished, 78% 1984, 85% avg. Barley harvested 91% complete, 72% 1984, 81% avg. Potato harvest 7% dug, 8% 1984, 6% avg. Oats 93% harvested. Third cutting alfalfa 30% baled. Dry beans 34% harvested, 24% avg. Onions 55% dug, 32% 1984, 38% avg. Silage corn 13% chopped, 15% 1984.

ILLINOIS: Temperatures 3 to 11° below normal, coolest northern third. No precipitation except for scattered sections of northeast, southeast.

Days suitable for fieldwork 6.3. Soil moisture 18% short, 78% adequate, 4% surplus. Corn dented 95%, 98% 1984, 96% avg.; mature 52%, 49% 1984, 62% avg.; harvested for grain 3%, 3% 1984, 3% avg.; 4% fair, 58% good, 38% excellent. Soybeans turning yellow 70%, 66% 1984, 68% avg.; shedding leaves 38%, 36% 1984, 39% avg.; harvested 1%, 3% 1984, 3% avg.; 3% fair, 67% good, 30% excellent. Winter wheat planted 1%, 2% 1984, 1% avg. Alfalfa third crop cut 94%, 98% 1984, 94% avg.; 1% poor, 9% fair, 65% good, 25% excellent. Sorghum 8% fair, 74% good, 18% excellent. Pasture 4% poor, 13% fair, 64% good, 19% excellent.

INDIANA: Temperatures averaged 4 to 6° below normal north, 2 to 4° below south. Highs in 90's, lows in upper 30's in north. Precipitation widespread, generally over 1.35 in. north to less than 0.50 in. south.

Fieldwork averaged 5.3 days. Topsoil moisture 15% short, 79% adequate, 6% surplus. Subsoil moisture 18% short, 79% adequate, 3% surplus. Corn 2% harvested, none 1984, none avg. Corn moisture 29%. Corn 55% mature, 45% 1984, 40% avg. Corn 99% dented, 96% 1984, 89% avg. Soybeans none harvested, none 1984, none avg. Soybeans 10% mature, 10% 1984, 10% avg. Soybeans 30% shedding leaves, 35% 1984, 35% avg. Soybeans 70% turning yellow, 70% 1984, 65% avg. Wheat 2% seeded, 2% 1984, none avg. Wheatland 27% plowed, 31% 1984, 38% avg. Rye 6% seeded, 6% 1984, 6% avg. Tobacco 70% harvested, 40% 1984, 50% avg. Silos 40% filled, 40% 1984, 40% avg.

IOWA: Cloudy, cool week, showers west early to midweek, little or none east. Precipitation to 2.31 in. Temperatures 30° subnormal. Low 34°, 13th. Cool 15th several lows into 30's.

Days suitable for fieldwork 5.7. Topsoil moisture 37% short, 52% adequate, 11% surplus. Subsoil moisture 48% short, 48% adequate, 4% surplus. Corn dented 93%, 90% 1984, 87% avg. Corn mature 45%, 40% 1984, 43% avg. Corn harvested 2%, 2% 1984, 2% avg. Corn 1% very poor, 2% poor, 16% fair, 63% good, 18% excellent. Soybeans dropping leaves 34%, 37% 1984, 33% avg. Soybeans harvested none, none 1984, none avg. Soybeans 1% very poor, 1% poor, 14% fair, 70% good, 14% excellent. Third crop alfalfa hay harvested 90%, 79% 1984, 86% avg. Hay 1% very poor, 4% poor, 25% fair, 59% good, 11% excellent. Pastures 2% very poor, 12% poor, 39% fair, 40% good, 7% excellent. Livestock good.

KANSAS: Cloudy, cool, wet weather with average precipitation 1.75 to 2.25 in. southwest, southeast and northeast, 0.50 to 1.25 in. elsewhere. Moisture variable, several stations southern three districts reported weekly totals of 4.00 to over 5.00 in. Temperatures averaged 66 to 70°; normal west, 2 to 4° below normal central and east.

Days suitable for fieldwork 5.0. Topsoil moisture 27% short, 60% adequate, 13% surplus. Wheat 10% seeded, 10% 1984, 10% avg. Sorghum 99% headed, 95% 1984, 95% avg. Sorghum 55% coloring, 60% 1984, 55% avg. Sorghum 10% mature, 15% 1984, 15% avg. Sorghum 1% harvested, 5% 1984, 5% avg. Corn 90% dented, 90% 1984, 80% avg. Corn 55% mature, 55% 1984, 45% avg. Corn 10% harvested, 10% 1984, 5% avg. Soybeans 25% dropping leaves, 40% 1984, 20% avg. Soybeans 1% harvested, 5% 1984, none avg. Range, pastures excellent, lush fall grazing.

KENTUCKY: Relatively dry. Front moved through on 10th triggering thundershowers with scattered amounts of 0.25 to near 1.00 in. central and southeast. Temperatures above normal first part of week; after front moved through fell to well below normal. Temperatures averaged 1 to 40 below normal. Soil temperatures at depth of 4 in. averaging in 70's.

Days suitable for fieldwork 5.6. Soil moisture 16% short, 78% adequate, 6% surplus. Corn 100% dented, 100% 1984, 96% avg.; 67% mature, 51% 1984, 55% avg.; 13% harvested for grain, 6% 1984, 8% avg. Early yields good. Soybeans 12% fair, 66% good, 22% excellent; 20% dropping leaves, 18% 1984, 20% avg. Harvest progress none, none 1984, none avg. Burley tobacco 81% cut, 70% 1984, 67% avg. Dark tobacco 77% cut, some houseburn. Pastures good to excellent. Some sorghum grain harvested, prospects good.

LOUISIANA: Temperatures averaged 2 to 30 above normal. Temperature extremes 600, 970. Rain totals averaged 0.29 to 1.60 in.

Days suitable for fieldwork 3.8. Soil moisture 12% short, 48% adequate, 40% surplus. Cotton 15% very poor, 51% fair, 34% good; 89% open bolls, 55% 1984, 64% avg. Cotton 12% harvested, 2% 1984, 4% avg. Rice 32% fair, 65% good, 3% excellent. Rice 93% ripe, 88% 1984, 91% avg.; 76% harvested, 81% 1984, 80% avg. Soybeans 6% poor, 35% fair, 49% good, 10% excellent. Soybeans 99% setting pods, 100% 1984, 97% avg.; 39% leaves turning, 34% 1984, 38% avg. Soybeans 12% shedding, 15% 1984, 16% avg.; 2% harvested, none 1984, 2% avg. Sorghum 8% poor, 53% fair, 28% good, 11% excellent. Sorghum 97% ripe, 94% 1984, 86% avg.; 83% harvested, 83% 1984, 72% avg. Corn fair to good; 96% harvested, 91% 1984, 86% avg. Sweetpotatoes fair to good; 54% harvested, 50% 1984, 50% avg. Hay final cutting 69% complete, 69% 1984, 58% avg. Sugarcane fair; 11% planted, 31% 1984, 38% avg. Wheat 5% planted, none 1984, 1% avg. Pastures, livestock fair to good; vegetables fair.

MARYLAND & DELAWARE: Maryland: Weather hot early in week, cool near week's end. Temperatures 3 to 60 above normal; highs mid 90's; lows recorded late in week, mid 40's to low 50's. Precipitation averaged 0.48 in., ranging from none to 2.29 in.

Fieldwork 6.1 days suitable. Topsoil, subsoil moisture short east and south, adequate north and west. Corn condition improved, mostly good throughout State. Corn 100% dough, 100% 1984, 100% avg. Corn 95% dented, 95% 1984, 90% avg. Corn 55% mature, 25% 1984, 50% avg. Corn silage 70% harvested, 65% 1984, 75% avg. Corn for grain 25% harvested, 10% 1984, 15% avg. Soybean condition improved, good over entire State. Soybeans 100% podded, 95% 1984, 95% avg. Soybeans 25% turned, 30% 1984, 35% avg. Soybeans 10% shedded, 5% 1984, 10% avg. Tobacco 100% topped. Tobacco 75% harvested, 80% 1984, 80% avg. Fourth cutting alfalfa hay 50% complete, 35% 1984, 50% avg. Fourth cutting of other hay 55% complete. Barley 15% planted, 15% 1984, 15% avg. Rye 20% planted, 10% 1984, 15% avg. Apples 45% harvested, 45% 1984, 35% avg.

Delaware: Weather warm early in week with scattered showers, cool and dry late in week. Temperatures 2 to 40 above normal; highs low to mid 90's; lows mid 40's to low 50's. Precipitation averaged 0.87 in., ranging from 0.59 to 1.63 in.

Fieldwork 7.0 days suitable. Topsoil moisture adequate; subsoil moisture short. Corn 90% dented, 95% 1984, 90% avg. Corn 70% mature, 60% 1984, 60% avg. Corn silage 65% cut, 55% 1984, 70% avg. Corn grain 25% harvested, 10% 1984, 15% avg. Soybeans 98% podded, 100% 1984, 98% avg. Soybeans 25% turned, 30% 1984, 35% avg.

MICHIGAN: Temperatures averaged 40 below normal.

Days suitable for fieldwork 3.3. Soil moisture supplies 34% adequate, 66% surplus. Wet fields hampered fieldwork. Corn 75% denting, 85% 1984, 84% avg.; 25% mature, 25% 1984, 33% avg.; 1% harvested, 1% 1984, 1% avg. Corn 5% poor, 20% fair, 50% good, 25% excellent. Winter wheat 1% planted, 2% 1984, 3% avg. Winter wheat 5% poor, 10% fair, 50% good, 35% excellent. Soybeans 35% dropping leaves, 44% 1984, 37% avg.; none harvested, none 1984, none avg. Soybeans 5% poor, 25% fair, 50% good, 20% excellent. Vegetable harvest slowed by excessive moisture. Cool nights and sunny days helping apple coloring. Plum, apple harvest continued.

MINNESOTA: Cool, heavy rainfall central portion beginning week. Temperatures averaged near normal to 30 below normal. Temperature extremes 300; 840. Precipitation averaged 0.61 in. below normal to 0.40 in. above normal. Greatest weekly total 1.92 in.

Days suitable for fieldwork 2.4. Topsoil moisture 47% adequate, 53% surplus. Corn 86% denting, 93% 1984, 89% avg.; 10% mature, 30% 1984, 26% avg.; 1% very poor, 4% poor, 39% fair, 47% good, 9% excellent. Soybeans 72% turning yellow, 85% 1984, 86% avg.; 16% dropping leaves, 30% 1984, 39% avg.; 2% mature, 6% 1984, 6% avg.; 1% very poor, 4% poor, 40% fair, 47% good, 8% excellent. Spring wheat 82% harvested, 99% 1984, 98% avg. Barley 91% harvested, 99% 1984, 99% avg. Sunflowers 77% dropping ray petals, 96% 1984, 96% avg.; 33% bracts turning yellow, 79% 1984, 79% avg.; 9% bracts turning brown, 29% 1984, 40% avg. Sugarbeets 6% harvested, 4% 1984, 2% avg. Potatoes 21% harvested, 32% 1984, 25% avg.

MISSISSIPPI: Temperatures seasonal. Extremes 520; 950. Greatest 24-hour rainfall 3.98 in. Bay St. Louis.

Fieldwork 5.0 days suitable, 5.9 1984, 5.3 avg. Soil moisture 17% short, 73% adequate, 10% surplus. Good weather aided crop harvest. Cotton 72% open bolls, 66% 1984, 78% avg.; 4% harvested, 1% 1984; 16% fair, 78% good, 6% excellent. Soybeans 98% podding, 97% 1984, 95% avg.; 10% shedding, 7% 1984, 16% avg.; none harvested, none 1984, 1% avg.; Soybeans 21% fair, 72% good, 7% excellent. Rice 31% harvested, 16% 1984, 24% avg.; 75% good, 25% excellent. Grain sorghum 95% ripe, 85% 1984; 41% harvested, 38% 1984, 37% avg.; 41% fair, 59% good. Corn 100% mature, 88% 1984, 90% avg.; 43% harvested, 40% 1984, 45% avg.; 15% poor, 19% fair, 62% good, 4% excellent. Corn silage 90% harvested, 86% 1984. Sorghum silage 85% harvested, 65% 1984. Peanuts 50% harvested, 37% 1984. Watermelons 99% harvested, 97% 1984. Sweetpotatoes 36% harvested, 31% 1984, 25% avg. Hay 83% harvested, 84% 1984, 88% avg. Pastures 24% fair, 56% good, 20% excellent. Wheat 1% planted, 4% 1984.

MISSOURI: Temperatures returned closer to normal, averaged 10 below normal. Precipitation generally less than 0.25 in. few isolated areas 1.50 to 2.00 in.

Days suitable for fieldwork 6.1. Topsoil moisture 26% short, 71% adequate, 3% surplus. Corn in dent stage 100%, 95% 1984, 94% avg.; mature 80%, 54% 1984, 60% avg.; harvested 11%, 11% 1984, 16% avg. Soybeans 18% fair, 66% good, 16% excellent; dropping leaves 11%, 25% 1984, 18% avg.; harvested none, 2% 1984, 1% avg. Grain sorghum 20% fair, 69% good, 11% excellent; coloring 82%, 84% 1984, 76% avg.; mature 55%, 58% 1984, 53% avg.; harvested 13%, 17% 1984, 19% avg. Cotton 42% fair, 58% good; bolls open 36%, 84% 1984, 75% avg. Winter wheat seedings none, 2% 1984, 2% avg. Fourth crop alfalfa 48% cut. Pastures 5% poor, 24% fair, 62% good, 9% excellent.

MONTANA: Moderate to heavy rain over west, southwest, north central and central areas with from 0.50 to more than 2.00 in. South central received 0.25 in. as did northeast; southeast mostly dry. Temperatures southeast averaged a few degrees above normal, rest of State temperatures few degrees below normal. Cool first week with temperatures rising into upper 80s, lower 90s by end of week extreme east.

Days suitable for fieldwork 2.5. Topsoil moisture 17% short, 61% adequate, 22% surplus. Subsoil moisture 42% short, 54% adequate, 4% surplus. Winter wheat planted 20%, 10% 1984, 20% avg. Crop progress: Spring wheat harvested 95%, 100% 1984, 90% avg. Barley harvested 95%, 100% 1984, 90% avg. Oats harvested 95%, 100% 1984, 90% avg. Corn silage 30%, 35% 1984, 30% avg. Dry beans 35% harvested, 50% 1984, 30% avg. Alfalfa hay second cutting 90%, 90% 1984, 85% avg. Potatoes 10% dug, 5% 1984, 5% avg. Cattle and sheep moved from summer ranges 55%. Fall grazing prospects 38% poor, 53% fair, 9% good. Stockwater supplies improved with recent moisture.

NEBRASKA: Wet, cool, cloudy. Temperatures near normal west, averaged 50 below normal central and east. Rainfall widespread averaged 1.00 in. to 2.00 in. most of State; up to 6.00 in. locally.

Days suitable fieldwork 3.8. Topsoil moisture 10% short, 49% adequate, 41% surplus. Subsoil moisture 18% short, 74% adequate, 8% surplus. Short soil moisture reported Panhandle, southwest. All corn 6% fair, 68% good, 26% excellent. Irrigated corn 6% fair, 69% good, 25% excellent. Non-irrigated corn 2% poor, 7% fair, 63% good, 28% excellent. Corn denting 85%, 92% 1984, 80% avg. Corn mature 10%, 20% 1984, 20% avg. Corn harvested none, none 1984, none avg. Soybeans 7% fair, 78% good, 15% excellent. Soybean leaves turning color 45%, 45% 1984, 50% avg. Leaves dropping 10%, 10% 1984, 20% avg. Soybeans harvested none, none 1984, none avg. Sorghum 8% fair, 71% good, 21% excellent. Sorghum coloring 75%, 70% 1984, 75% avg. Sorghum mature 8%, 10% 1984, 20% avg. Sorghum harvested none, none 1984, none avg. Cool, wet weather again slowed crop development. Winter wheat planted 30%, 45% 1984, 40% avg. Rains delayed seeding, but improved soil moisture for germination. Most seeding in west, just starting east. Alfalfa good to fair. Third cutting 90%, 85% 1984, 92% avg. Pasture, range feed supplies mostly adequate to short. Range short in Panhandle, southwest. Rains improved cool season grazing prospects. Depressed livestock prices caused ranchers to question buying replacement animals.

NEVADA: Winter like weather system dominated first half week. Temperatures dropped well below normal statewide. Precipitation abundant throughout northern and central areas. First snow of season fell in Sierras accumulating to over 6 in. by midweek. Gusty wind accompanying storms recorded all areas. Mostly sunny skies, moderating after midweek. High clouds, gusty wind common again end of period.

Potato digging operations full swing main producing areas. Alfalfa seed crop combining well along. More cattle drifting down from higher elevation ranges. Movement cattle to local auction slow to date, prices relatively low.

NEW ENGLAND: Rainfall averaged 0.50 in. across northern areas; southern areas averaged 0.75 to 1.50 in. Temperatures slightly above normal north; below normal south. Frost hit midweek.

Days suitable for fieldwork 4.0. Soil moisture 70% adequate, 30% surplus. Grazing availability 45% short, 55% adequate. Field corn 5% harvested, 15% 1984, 15% avg. Second crop hay 85% cut, 100% 1984, 90% avg. Third crop hay 50% cut, 65% 1984, 60% avg. Sweet corn harvested 85% picked. Maine potatoes 10% dug, 10% 1984, 10% normal. Oats 50% combined, 50% 1984. Apples 15% picked, good size and color. Crop condition generally good to excellent. Tobacco harvest complete.

NEW JERSEY: Temperatures averaged 50 below normal. Extremes 320; 940. Weekly rainfall averaged 0.85 in. north, 0.60 in. central, 0.46 in. south. Heaviest 24-hour total 0.96 in. on 9th, 10th. Estimated soil moisture, in percent of field capacity, averaged 79% north, 57% central, 53% south. Four inch soil temperatures averaged 650 north, 670 central, 690 south.

Drastic temperature change slowed crop growth rates, improved conditions for fall vegetable crops. Summer vegetables continued to move to market in limited volume. Irish, sweetpotato digging continued. Peach movement from storages declining. Apple harvest active. Cranberry harvest beginning. Silage making active. Hay harvest about complete. Soybeans, grain corn maturing.

NEW MEXICO: Average temperatures few degrees below normal extreme north, few degrees above normal remaining areas. Temperatures 300 northern mountains, to 970 southeastern Plains. Rain statewide with largest amounts over northeast. Precipitation 0.07 in., northwestern Plateau and western mountains, to 2.27 in. northern mountains.

Days suitable for fieldwork 6.2. Soil moisture 55% short, 45% adequate. Hail damage 83% none, 17% light. Alfalfa 29% fair, 71% good. Cotton 40% fair, 60% good; 50% open bolls, 70% 1984, 53% avg. Corn 60% good, 40% excellent. Barley 100% good. Irrigated wheat 50% good, 50% excellent. Dryland wheat 100% good. Irrigated grain sorghum 75% good, 25% excellent. Dryland grain sorghum 100% good. Pecans 100% good. Apples 67% fair, 33% good. Chile 67% good, 33% excellent. Lettuce 50% fair, 50% excellent. Cattle 100% good. Sheep 100% good. Range 20% poor, 30% fair, 50% good.

NEW YORK: Week began warm on 8th, then turned sharply cooler. Overnight lows in 30's common beginning on 11th, dipped into 20's through Adirondacks. Temperatures averaged near normal on Long Island. Rainfall averaged 0.50 to 1.25 in., local amounts variable. In Adirondacks, Boonville close to 4.00 in. Hudson Valley little better than 2.50 in. fell at Poughkeepsie. Isolated showers on 12th, rainfall concentrated in first half of week.

Days suitable for fieldwork 4.5. Soil moisture adequate. Small corn ears, good kernel development. Silage corn harvested 6% complete, 3% 1984, 11% avg. Oat harvest virtually complete 92% 1984. Third cutting alfalfa hay harvest 39% complete, 41% 1984, 51% avg. Apples good. McIntosh harvest underway. Harvest of potatoes, cabbage, cauliflower, sweet corn, tomatoes and onions continued. Pastures fair to good.

NORTH CAROLINA: Temperatures averaged near normal. Rainfall ranged from none to 2.70 in. across State.

Days suitable for fieldwork 6.2. Soil moisture 8% very short, 45% short, 47% adequate. Tobacco 1% poor, 20% fair, 76% good, 3% excellent; flue-cured 82% harvested, 94% 1984, 96% avg. Burley 75% harvested, 58% 1984, 52% avg. Corn 11% poor, 23% fair, 60% good, 6% excellent; mature 96%, 84% 1984, 91% avg.; harvested for silage 78%, 71% 1984, 77% avg.; harvested for grain 40%, 28% 1984, 41% avg. Cotton 29% fair, 71% good; open bolls 90%, 84% 1984, 77% avg. Peanuts 40% fair, 60% good. Soybeans 21% fair, 73% good, 6% excellent; pods set 92%, 89% 1984, 88% avg. Grain sorghum 2% poor, 17% fair, 81% good; harvested 22%, 14% 1984, 17% avg. Hay 27% fair, 69% good, 4% excellent. Sweetpotatoes 21% fair, 72% good, 7% excellent; harvested 20%, 7% 1984, 14% avg. Apples 27% poor, 40% fair, 33% good; harvested 45%, 34% 1984, 40% avg. Pastures 1% poor, 41% fair, 54% good, 4% excellent. Major farm activities: Harvesting and marketing tobacco; cutting silage; spraying soybeans, and peanuts; harvesting hay; harvesting apples; harvesting corn; digging sweetpotatoes; harvesting peanuts; mowing, plowing and discing tobacco stalks, land preparation for cover crops, and general farm maintenance.

NORTH DAKOTA: Cloudy, cool; all districts reported below normal temperatures. Widely scattered showers continued with precipitation from 0.11 in. east central to 1.13 in. south central. Average temperatures ranged from 10 below normal southwest to 40 below normal north central. Extremes 330 northeast to 820 south central.

Topsoil, subsoil moisture continued well above 1984, avg. Topsoil 10% short, 82% adequate, 8% surplus statewide. Subsoil 30% short or very short, 70% adequate. Spring, durum wheat harvest continued to lagging normal; barley and oats near normal. Spring wheat 83% combined, 100% 1984, 95% avg.; durum 64% combined, 100% 1984, 91% avg.; barley 96% combined, 100% 1984, 97% avg. Late season crop development slowed by continued rain, lack of sunshine. Sunflower 9% bracts brown and beyond, 32% 1984, 31% avg. Corn for grain 74% dented or beyond, 96% 1984, 88% avg. Soybeans 17% mature and beyond, 68% 1984, 43% avg. Potatoes 11% dug, 42% 1984, 25% avg. Flax 25% combined, 80% 1984, 55% avg. Dry edible beans 6% combined, 71% 1984, 34% avg. Late season crops continued mostly good. Winter wheat seeding 44% complete, rye seeding 48% complete.

OHIO: Temperatures averaged below seasonal levels. Reading north 4 to 70 cooler than usual; south 3 to 60 less than normal. Extremes wide; from highs at summerlike levels early to frosty lows on 13th. Precipitation widespread north, 0.25 to 0.50 in.; much of south rainfree.

Days suitable 6.0. Topsoil moisture 38% short, 52% adequate, 10% surplus. Corn 7% fair, 62% good, 31% excellent; dented 95%, 90% 1984, 85% avg.; 35% mature, 40% 1984, 45% avg.; 1% harvested, none 1984, none avg.; silage cut 25%, 15% 1984, 35% avg. Soybeans 5% fair, 75% good, 20% excellent; 25% dropping leaves, 20% 1984, 30% avg.; harvested none, none 1984, none avg. Winter wheat 3% planted, none 1984, 1% avg. All hay good. Alfalfa 3rd cut 90%, 90% 1984, 85% avg.; other hay 3rd cut 65%, 70% 1984. Tobacco fair to good; harvested 75%, 60% 1984, 60% avg.

OKLAHOMA: Temperatures averaged 20 above normal Panhandle, northwest to 40 above normal elsewhere. Precipitation averaged 0.28 in. west central, 2.16 in. Panhandle.

Days suitable for fieldwork 6.0. Topsoil moisture 80% short, 15% adequate. Subsoil

moisture 35% short, 65% adequate. Scattered weekend rains beneficial. Wheat 10% planted, 10% 1984, 15% avg. Early-sown wheat emerging. Sorghum 95% coloring, 95% 1984, 80% avg. Sorghum 30% mature, 30% 1984, 35% avg. Sorghum 10% harvested, 5% 1984, 5% avg. Cotton 45% bolls opening, 15% 1984, 15% avg. Cotton harvest starting. Pastures showing some improvement. Cattle marketings averaged statewide, heavier in dry southeast.

OREGON: Wet, cold week. Up to 2.30 in. of precipitation at coast and north Cascades; amounts ranging from 1.10 to 1.70 in. in western valleys and north central areas; rest of State up to 1.00 in. South central, northeastern areas averaged 8 to 120 below normal.

Soil moisture 41% short, 59% adequate; rain caused considerable improvement. Winter wheat 4% planted, 3% 1984, 9% avg. Most grain harvesting complete except in northeast, Klamath County. Silage corn harvest started at Hermiston; quality yields good. All types of grass seed being planted west. Late mint flaring continued. Some hay being cut. Winter pear harvest at Hood River, The Dalles, Medford; fruit quality and size good. Apple harvest Willamette Valley, The Dalles. Remaining peaches and prunes in west shown brown rot from rain. Berry harvest virtually complete; pruning, training, spraying caneberrries; weed control on strawberries. Cranberry color development good; need more size; crop prospects good. Processing potato digging continued at Hermiston-Boardman, Malheur County. Digging began in west, Klamath Basin. Sweet corn harvest continued between showers Willamette Valley, Malheur County, southwest. Onion harvest rain delayed Hermiston-Board, Malheur County, west. Curry County 1986 lily crop planted; 1985 commercial bulbs being dug. Livestock condition good. Range, pasture conditions fair to good. Ranges, pastures haven't greened up yet, except in northeast.

PENNSYLVANIA: Temperatures averaged 610, 10 below normal. Average rainfall 1.01 in., 0.17 in. above normal.

Days suitable 5.0. Soil moisture 41% short, 59% adequate. Corn 3% poor, 13% fair, 39% good, 45% excellent. Soybean 2% poor, 13% fair, 49% good, 36% excellent. Tobacco 86% harvested, 87% 1984. Potatoes 72% harvested, 52% 1984. Corn 68% in dent, 50% 1984; 10% mature, 5% 1984. Third cutting alfalfa 78% complete, 69% 1984. Second cutting clo-tim 94% harvested, 94% 1984. Quality of hay 7% poor, 57% fair, 36% good. Amount of feed being obtained from pastures 40% below average, 60% average. Activities for week included: Harvesting potatoes, tomatoes, pumpkins, sweet corn, apples, grapes, hay, corn silage, tobacco; fall plowing.

PUERTO RICO: Island averaged rainfall 2.70 in., 0.85 in. above normal. Highest weekly total 9.90 in. Highest 24-hour total 5.36 in. Temperatures averaged about 80 to 820 on coast and 74 to 780 interior divisions. Mean station temperatures ranged from 68 to 830. Extreme 590; 960. Total rainfall 3.37 in.; plus 1.97 in.

SOUTH CAROLINA: Weather hot, humid early week, abnormally cool mid to late week. Daily low records set over weekend through mid and upstate regions. Scattered rain midweek; isolated areas downpours.

Days available for field activities 5.5. Soil moisture 2% very short, 49% short, 47% adequate, 2% surplus. Soybeans setting pods 89%, 94% 1984, 92% avg.; 5% leaves turning, 10% 1984, 15% avg.;

1% shedding leaves, none 1984, 8% avg. Cotton 69% fair, 31% good. Cotton open bolls 80%, 58% 1984, 70% avg.; cotton harvested 2%, none 1984, none avg. Corn fair to good; 69% harvested, 66% 1984, 68% avg. Tobacco good; 98% harvested, 99% 1984, 96% avg.; 29% stalks destroyed, 57% 1984. Apples fair to good; 55% harvested, 62% 1984, 55% avg. Pastures and hay, winter grazing fair to good, livestock good.

SOUTH DAKOTA: Average temperatures ranged 1 to 80 below normal. Extremes 380; 940. Black Hills low 220. Precipitation above normal, widespread; heaviest central and east.

Days suitable for fieldwork 1.9. Topsoil moisture short and critically short western half, adequate and surplus east and south; 11% critically short, 13% short, 40% adequate, 36% surplus. Corn 2% very poor, 5% poor, 13% fair, 60% good, 20% excellent. Corn 53% dented, 67% 1984, 81% avg. Corn 27% mature, 29% 1984, 45% avg. Corn none harvested, none 1984, none avg. Winter wheat 7% poor, 15% fair, 65% good, 13% excellent. Winter wheat 42% planted, 51% 1984, 56% avg. Spring wheat 91% harvested, 100% 1984, 100% avg. Sorghum 3% very poor, 14% poor, 22% fair, 46% good, 15% excellent. Sorghum 52% coloring, 77% 1984, 77% avg. Sorghum 18% mature, 19% 1984, 25% avg. Sorghum none harvested, none 1984, none avg. Soybeans 10% fair, 69% good, 21% excellent. Soybeans 34% dropping leaves, 33% 1984, 56% avg. Soybeans none harvested, none 1984, 1% avg.

TENNESSEE: Precipitation scattered, amounts generally light. Temperatures averaged 2 to 50 below normal, coolest in east.

Farmers averaged 5.4 days suitable for fieldwork. Crops in mostly good condition. Soil moisture levels 28% short, 69% adequate, 3% surplus. Corn 80% mature, 65% 1984, 65% avg.; 17% harvested, 8% 1984, 12% avg.; 1% poor, 9% fair, 58% good, 32% excellent. Cotton 70% open bolls, 30% 1984, 45% avg.; 6% fair, 73% good, 21% excellent. Sorghum 95% colored, 74% 1984; 70% mature, 10% 1984; 25% harvested grain; 3% poor, 8% fair, 72% good, 17% excellent. Soybeans 98% setting pods, 100% 1984, 98% avg.; 13% shedding leaves, 6% 1984, 12% avg.; 12% fair, 76% good, 12% excellent. Tobacco burley 80% harvested, 70% 1984, 75% avg.; dark-fired 75% harvested, 65% 1984, 65% avg.; dark-air cured 75% harvested, 75% 1984, 70% avg.; 23% fair, 70% good, 7% excellent. Wheat 3% sown, 5% 1984, 7% avg. Pasture 2% very poor, 1% poor, 29% fair, 36% good, 12% excellent.

TEXAS: State in easterly flow from tropics. Tropical waves broke dry conditions many parts State. First wave north central triggered significant rains. Second wave brought some rain parts lower coast, including lower Rio Grande Valley. Stalled front triggered showers Panhandle through Edwards Plateau. Rains scattered, parts State still dry. Parts south still below normal rainfall. Average temperatures below normal.

Crops: Grain sorghum 99% headed, 100% 1984, 100% avg.; 89% turning color, 86% 1984, 85% avg.; 73% mature, 68% 1984, 70% avg.; 62% harvested for grain, 63% 1984, 66% avg. Sorghum 2% poor, 22% fair, 60% good, 16% excellent. Fields High Plains measurable rainfall last week; dryland fields continued stress for moisture. Harvesting increased Low Plains, Cross Timbers, good yields reported. Corn 100% doughing; 99% dented; 86% mature; 61% harvested, 65% 1984, 57% avg. Corn 1% poor, 18% fair, 55% good, 26% excellent. Fields continued dry down rapidly Plains, some harvesting underway. Harvesting continued east, Upper Coast, most fields already completed. Yields good to excellent. Cotton 34% open bolls, 26% 1984, 32% avg.; 17% harvested, 12% 1984, 13% avg. Cotton 1%

poor, 39% fair, 53% good, 7% excellent. Harvesting again good progress northern Blacklands, east. Harvesting slowed by rain some areas central. Rain Cross Timbers, Low Plains should help relieve stressed conditions dryland fields. High Plains, lack of moisture caused shedding small bolls. Good yields reported statewide. Bolls continued open rapidly Edwards Plateau northward into Plains. Rice 100% headed, 100% 1984, 100% avg.; 97% turning color, 100% 1984, 100% avg.; 81% harvested, 100% 1984, 100% avg. Rice 7% fair, 55% good, 38% excellent. First crop harvest Upper Coast nearly completed before rain stalled final field operations. Peanuts 8% harvested, 2% 1984, 9% avg. Digging continued southern areas, spread into Low Plains, Cross Timbers. Yields irrigated nuts good. Dryland fields could still use rain. Good growth High Plains. Soybeans 9% harvested, 6% 1984, 2% avg. Irrigated fields good growth High Plains. Late varieties Upper Coast could use additional moisture. An average pod set reported. Wheat 12% planted, 19% 1984, 15% avg.; none emerged, none 1984, 1% avg. Small grain planting underway many areas under dry conditions. Many producers dusted-in wheat. Planting should increase, last week's rain should improve soil moisture conditions. Other Field Crops: Sunflower 20% harvested, 1% 1984, 9% avg. Oats 11% planted, 6% 1984, 7% avg.

Commercial Vegetable: Rio Grande Valley, land preparation continued fall vegetable planting. Planting lettuce, celery, cabbage begin soon. Peppers, tomatoes good progress under moderate irrigation. High Plains, harvest continued cucumbers, carrots, peppers, watermelons, honeydews. East harvest sweetpotatoes about half completed. Land preparation fall planting continued. Trans-Pecos, chili harvest continued. No disease problems reported. Rainfall beneficial pecans, should slow down nut drop many areas. Natives opening some areas.

Range and Livestock: Ranges, pastures received needed boost from rain many areas. Additional hay crop may be made these areas. Supplemental feeding continued, be lessened by renewed pasture growth. Sheep, goat shearing completed. Marketing calves active. Prices cattle low, lamb price good.

UTAH: Temperatures below normal; ranging from 2 to 30 below north, to 4 to 60 below south. Precipitation heavy north and east part of State, light to moderate west and south.

Days suitable for fieldwork 5.5. Rains slowed harvest, improved soil moisture to almost adequate most areas. Most small grains, winter wheat seeding progressed to 55% complete, 82% 1984, 48% avg. Corn 90% dough or past, 43% dent-about average. Some silage cut. Potato, onion, dry bean harvests underway, good conditions reported. Thrid cut alfalfa over half done, some rain damage. Apple harvest still slow, all other fruit harvest nearly complete. Rain helped ranges, more rain needed for good winter feed.

VIRGINIA: Record setting heat during beginning period turning unseasonably cool 12th. Temperatures ranged from low 40's to upper 90's. Very little rain.

Days suitable for fieldwork 5.9. Topsoil moisture 69% short, 31% adequate. Clear weather increased harvest activities. Corn 92% in or beyond dent stage, 90% 1984, 94% avg. Corn 72% mature, 72% 1984, 82% avg. Grain corn 32% harvested, 24% 1984, 27% avg. Silage corn 50% harvested, 62% 1984, 64% avg. Grain yields vary widely, southeast yields up. Soybean good to excellent although lack of rain may have been factor in some areas. Soybean harvest just beginning. Peanuts good to excellent. Peanuts

dug 5%, 4% 1984, 4% avg. Peanuts combined 2%, 2% 1984, 1% avg. Tobacco harvest in full swing with flue-cured harvest 64% complete, 72% 1984, 73% avg. Fire-cured tobacco harvest 88% complete, 84% 1984, 84% avg. Sun-cured tobacco harvest 64% complete, 69% 1984, 78% avg. Burley tobacco harvest 74% complete, 66% 1984, 69% avg. Small grain seeding underway. Barley seeding 6% finished, 7% 1984, 5% avg. Oat seeding 6% complete, 7% 1984, 10% avg. Wheat seeding just beginning. Sweetpotato harvest 26% complete, 22% 1984, 16% avg. Hay, pasture in good condition; rain needed. Harvest of third, fourth hay cuttings active. Apple harvest active with cooler weather increasing coloration.

WASHINGTON: Cool, wet weather covered State through most of week. Rainfall amounts well above normal.

Days suitable 5.2. Soil moisture 36% poor, 64% fair. Rain, cooler temperatures delayed harvest but helped alleviate dry soil conditions. Winter wheat seeded 40%, 40% 1984, 36% avg. Range and pasture 70% short, 30% adequate; hay supplies 27% short, 73% adequate. Potato harvest continued slowly. Onion, dry bean, lima bean, and sweet corn harvests continued. Anjou pear harvest underway. Golden delicious apple harvest started and red delicious apple harvest to start soon. Wine grape picking just underway.

WEST VIRGINIA: Temperatures below normal. Low 24° at Greenbank; high 95° at Williamson. Average temperature 62°. Precipitation below normal. Most rainfall Williamson 0.35 in. Many stations recorded no precipitation. Weekly average 0.07 in.

Days worked 5.3. Soil moisture short to adequate. Harvesting hay, cutting corn, general farm maintenance.

WISCONSIN: Average temperatures 1 to 4° below normal. Precipitation trace to 0.10 in. north, 0.10 in. central, 0.20 to 0.80 in. south.

Days suitable for fieldwork 4.6. Soil moisture 3% short, 56% adequate, 41% surplus. General crop condition 2% very poor, 3% poor, 26% fair, 62% good, 7% excellent. Corn 3% very poor, 1% poor, 32% fair, 55% good, 9% excellent; dent 59%, 67% 1984, 62% avg.; mature 18%, 27% 1984, 31% avg. Third cutting hay 50% complete, 45% 1984, 45% avg. Soybeans turning 51%, 59% 1984, 52% avg.; shedding leaves 10%. Silo filling 5% complete, 15% 1984, 8% avg. Fall plowing 10%, none 1984, 3% avg. Pastures 89% normal, 81% 1984, 87% avg.

WYOMING: Temperatures mostly below normal. Highs 70's and 80's. Lows 30's and even some 20's far west. Precipitation above normal except northeast.

Days suitable for fieldwork 6.0. Topsoil moisture 61% short, 39% adequate. Barley 10% mature, 10% 1984; 90% harvested, 85% 1984, 85% avg. Spring wheat 5% mature, 5% 1984; 95% harvested, 95% 1984, 85% avg. Oats 5% turning color, 5% 1984; 15% mature, 15% 1984; 80% harvested, 80% 1984, 80% avg. Corn silage 20% harvested, 40% 1984, 20% avg. Potatoes 15% harvested, 35% 1984, 20% avg. Alfalfa second cut 95% complete, 85% 1984, 85% avg.; third cut 15% complete, 30% 1984, 20% avg. Other hays 95% cut, 90% 1984, 95% avg. Dry beans 45% windrowed, 50% 1984, 45% avg.; 30% combined, 40% 1984, 25% avg. Corn 10% milk, 10% 1984; 45% dough, 30% 1984, 30% avg.; 40% dent, 50% 1984, 45% avg.; 5% mature, 10% 1984, 10% avg. Winter wheat 55% planted, 70% 1984, 55% avg.; 25% emerged, 30% 1984, 20% avg. Winter hay supplies 60% short, 35% adequate, 5% surplus. Alfalfa hay quality 30% fair, 70% good; other hay quality 60% fair, 40% good. Early sugarbeet digging underway.

August Crop Production Highlights

CORN FOR GRAIN production is forecast at a record high 8.47 billion bushels, up 11 percent from last year and 3 percent higher than the previous record set in 1982. The 90 percent confidence interval for this production forecast is 7.74 to 9.20 billion bushels.

SORGHUM FOR GRAIN production is forecast at a record high 1.14 billion bushels, up 9 percent from August 1 and 32 percent above last year's crop.

FEED GRAIN production (corn, sorghum, oats, and barley) is expected to total 265 million metric tons, up 12 percent from 1984.

SOYBEAN production is forecast at 2.06 billion bushels, 11 percent above last year and 26 percent more than 1983. The 90 percent confidence interval for this production forecast is 1.89 to 2.23 billion bushels.

ALL WHEAT production is forecast at 2.40 billion bushels, 8 percent less than 1984. The 90 percent confidence interval for this production forecast is 2.35 to 2.46 billion bushels.

FOOD GRAIN production (wheat, rice, rye) is expected to total 71.5 million metric tons in 1985, down 8 percent from 1984.

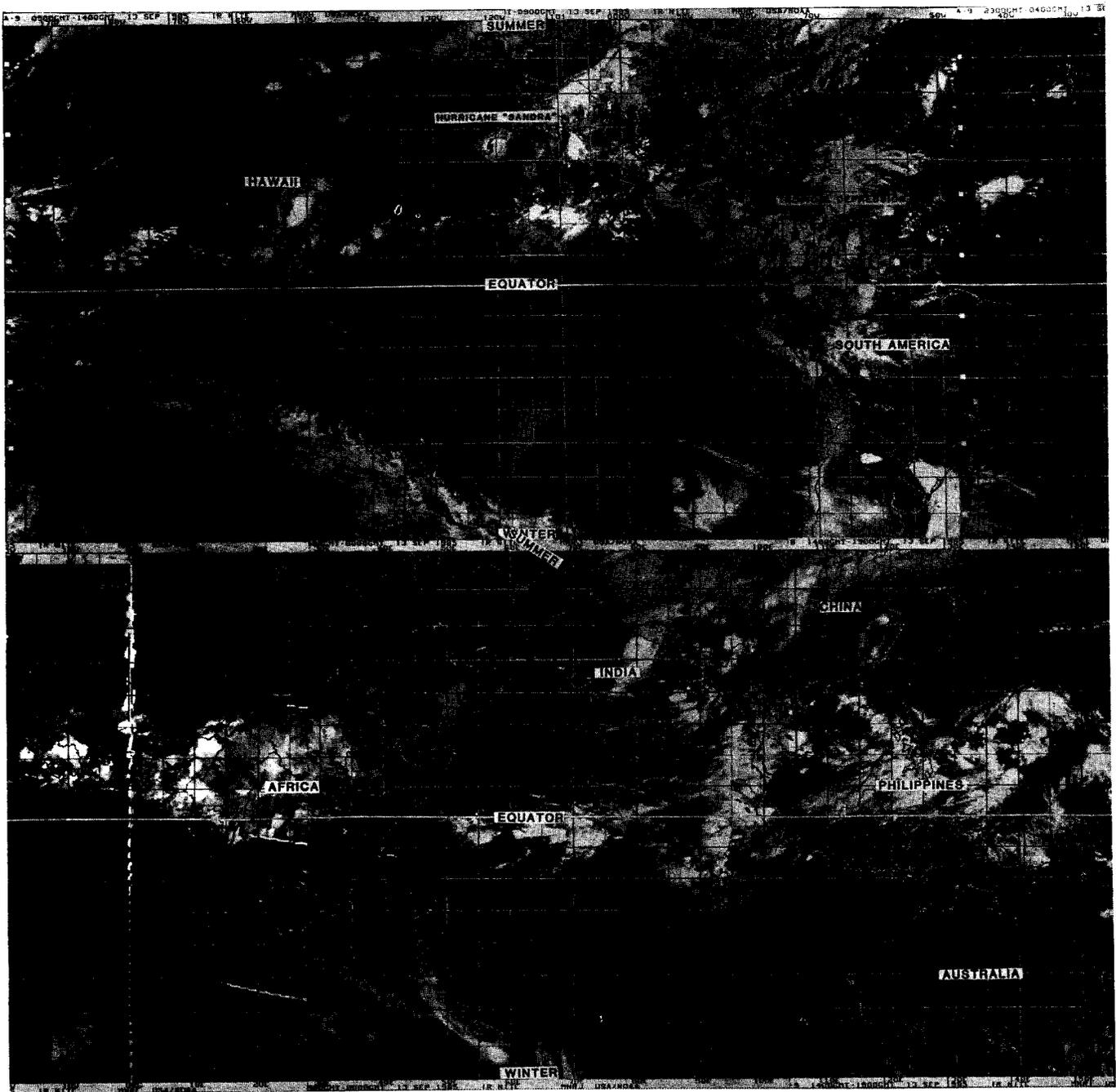
ALL COTTON production is forecast at 13.7 million bales, a decrease of 1 percent from August 1 but 5 percent above the 1984 crop. The 90 percent confidence interval for this production forecast is 12.0 to 15.3 million bales.

ALL TOBACCO production is forecast at 1.53 billion pounds, 12 percent below 1984 but 1 percent above the August 1 forecast.

PEANUT production is estimated at 4.24 billion pounds, down 4 percent from last year's record crop but 29 percent above 1983.

GLOBAL WEATHER SATELLITE PHOTO

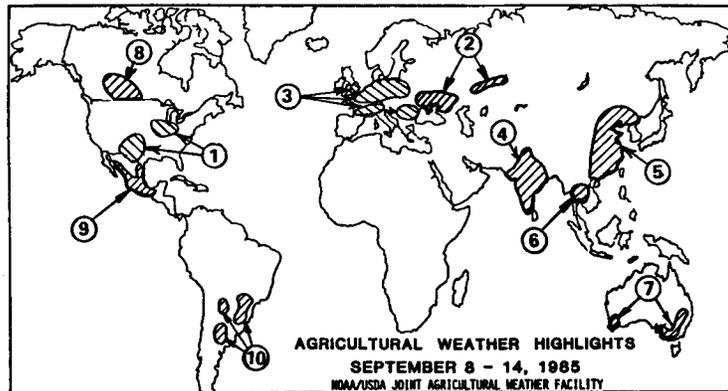
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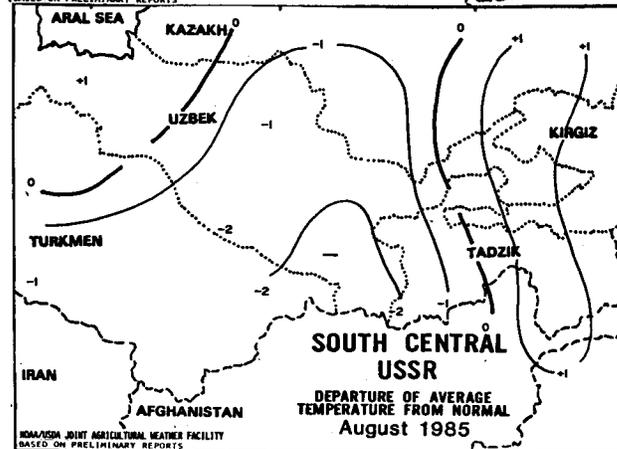
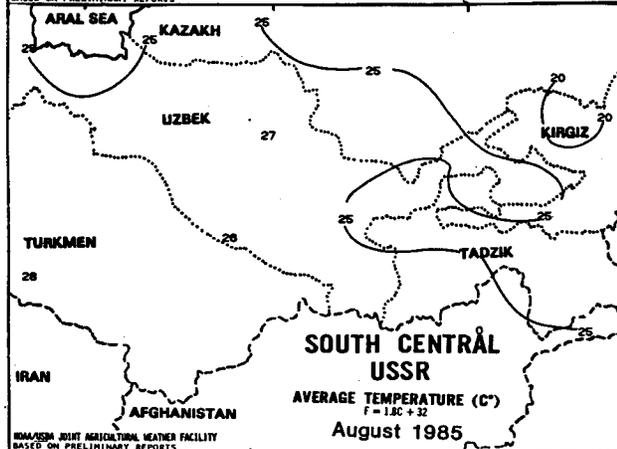
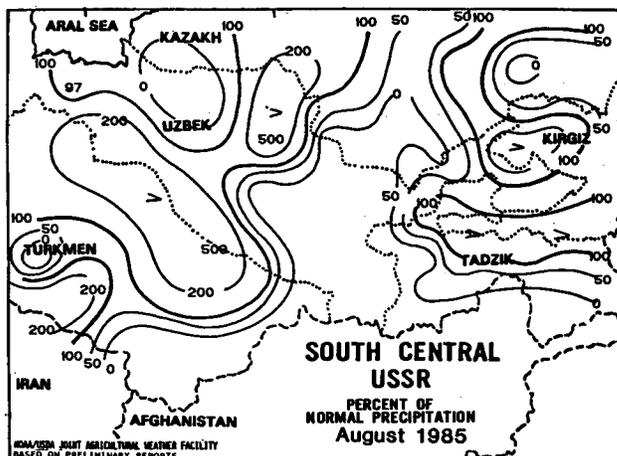
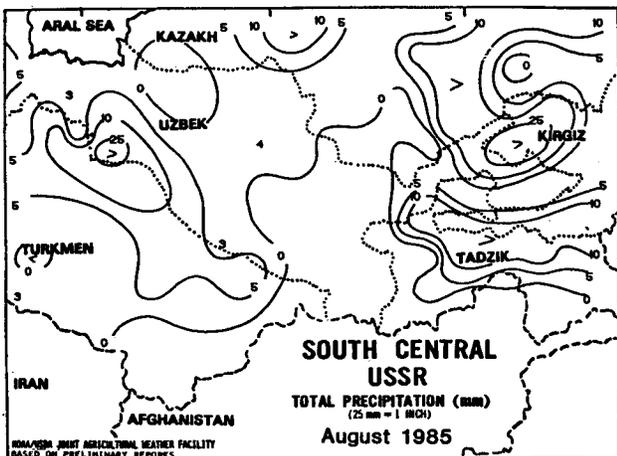
International Weather and Crop Summary September 8 - 14

HIGHLIGHTS:

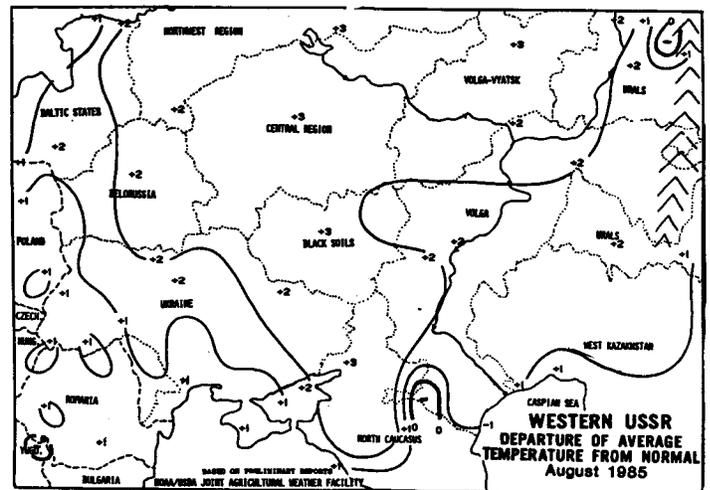
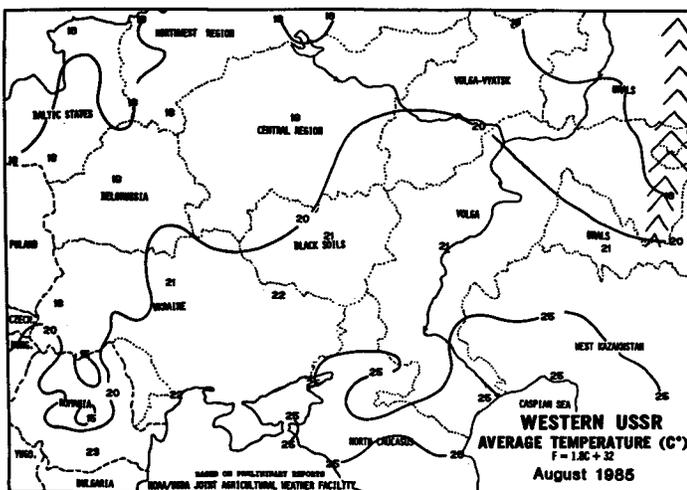
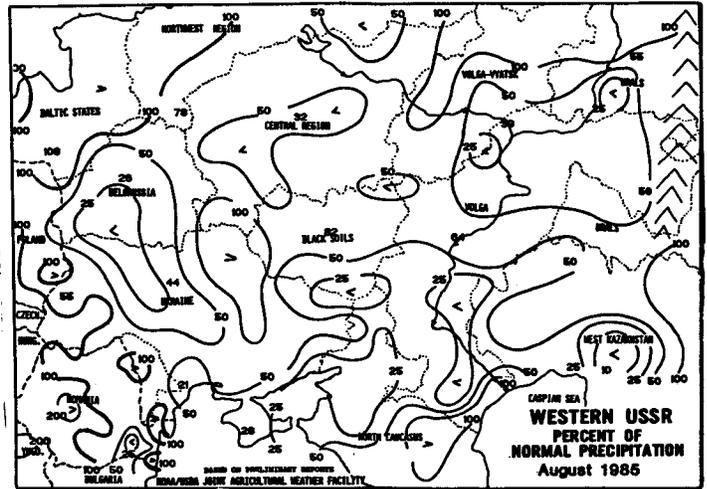
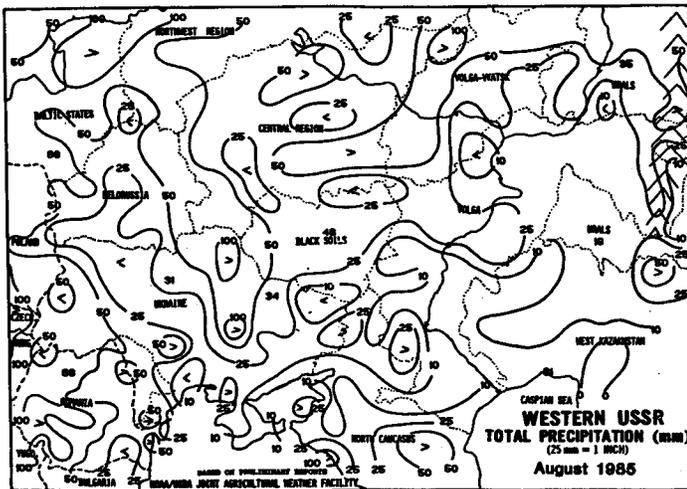
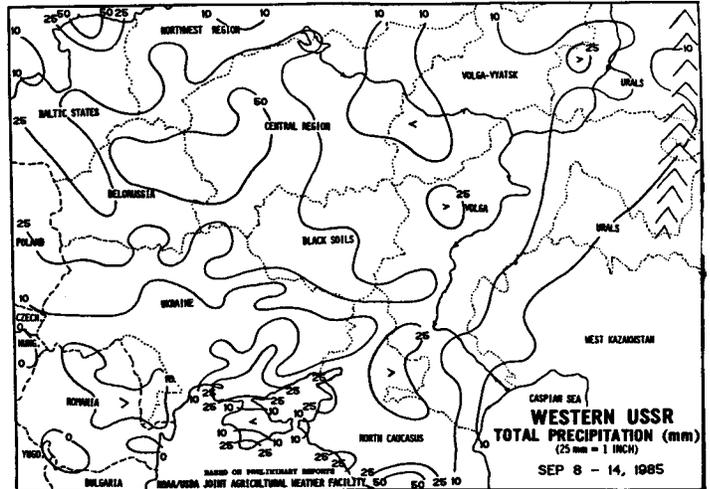
1. **UNITED STATES** ...Cool weather across the Corn Belt slows maturation of crops but clear skies over the southern parts aid early corn harvesting. Rain in the central and southern Plains benefits planting of winter grains.
2. **USSR** ... In Western USSR, showers in the Ukraine, North Caucasus, and Volga Valley slow corn harvesting, but increase topsoil moisture for winter wheat planting. In the New Lands, dry weather aids harvesting.
3. **EUROPE** ... Favorably dry weather covers northern Europe, aiding final wheat harvesting and winter grain planting. Dry weather in the south favors corn maturation and aids harvesting.
4. **SOUTH ASIA** ... Monsoon rain increases in the north, benefiting some autumn rice in the filling stage. Moisture remains limited for cotton and groundnuts.
5. **EASTERN ASIA** ... Moderate to heavy rain in the North China Plain was unfavorable for maturing summer crops. Drier weather in Manchuria benefits maturing corn and soybeans.
6. **SOUTHEAST ASIA** ... Recent rain relieves stress on rainfed Thai rice.
7. **AUSTRALIA** ... August rain improves wheat prospects, but recent drier weather has not kept pace with the crop's moisture demand.
8. **CANADA** ... Wet weather slows harvesting in the west; drier, but cool, weather allows some crop harvesting in the east.



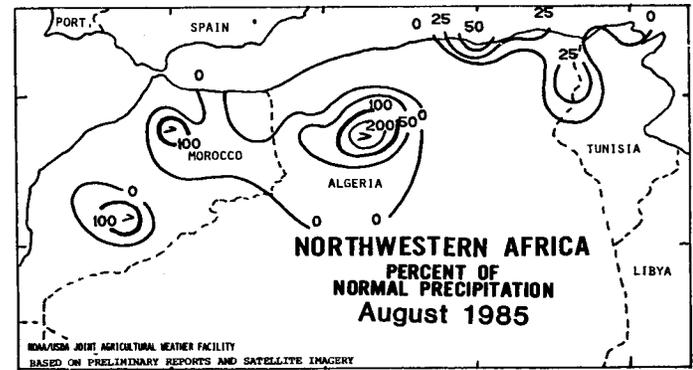
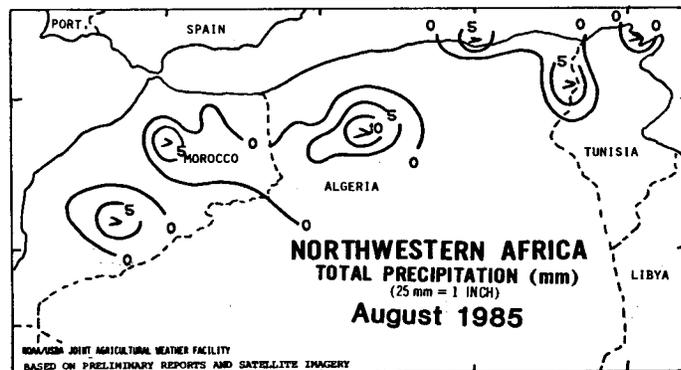
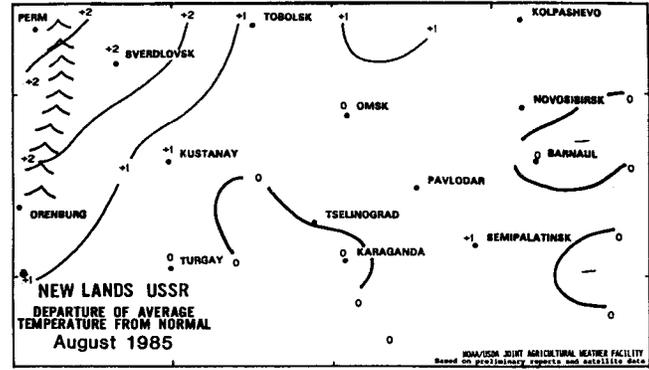
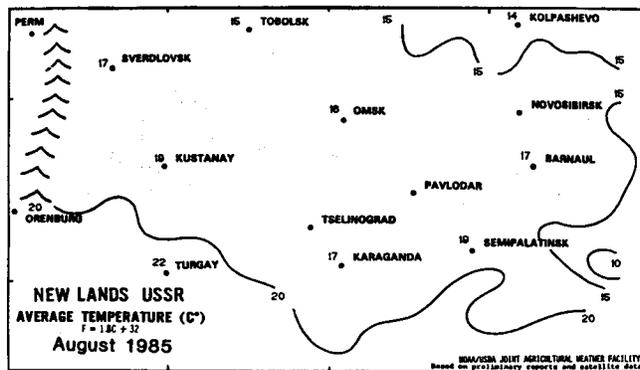
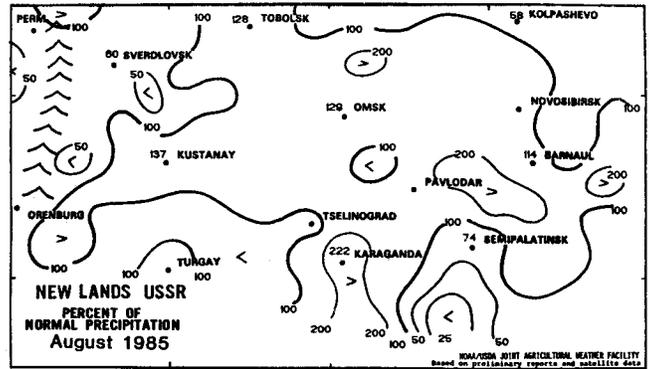
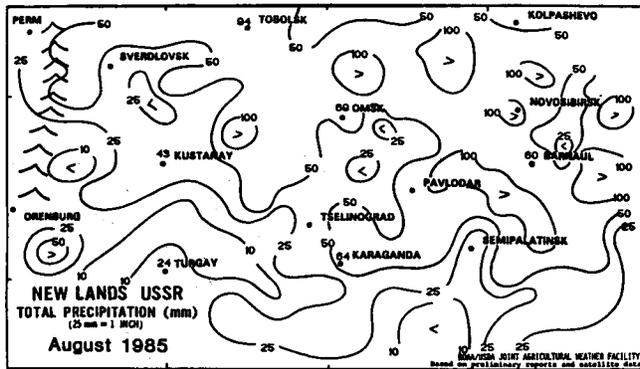
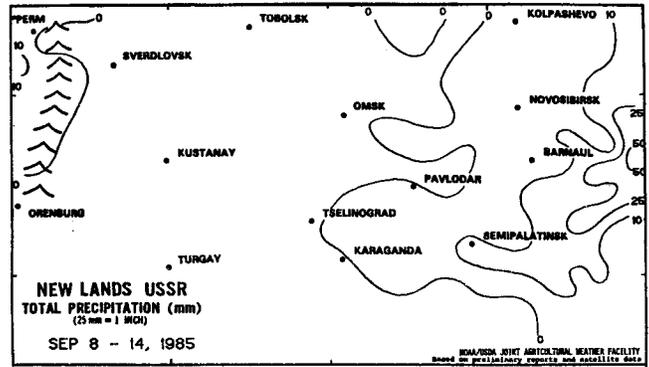
9. **MEXICO** ... Rain helps immature corn in eastern portions of the Corn Belt but only light showers fall in the west.
10. **SOUTH AMERICA** ... Showers benefit most of Argentina's wheat but moisture is limited in the southwest. Rain keeps Brazil's southern wheat moist during grain filling but dryness to the north limits moisture for summer crop planting.



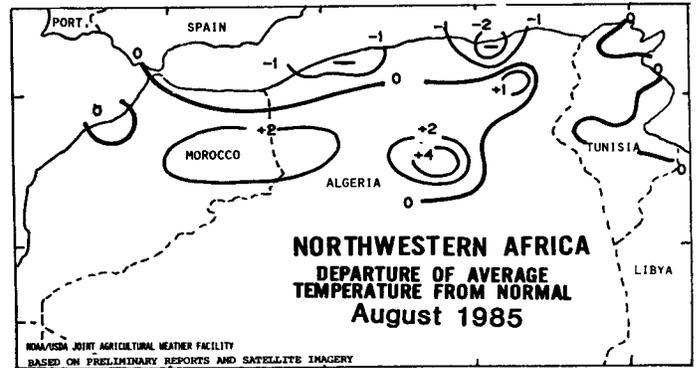
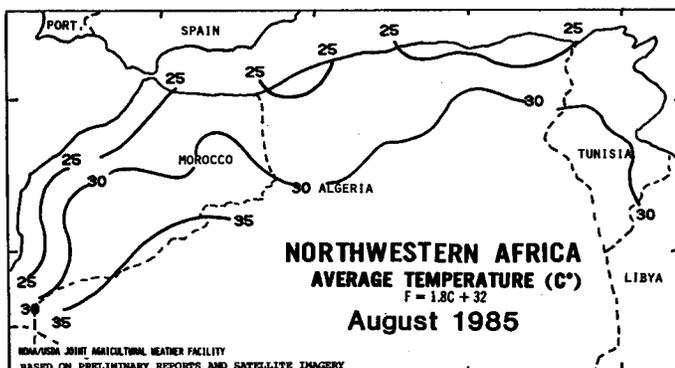
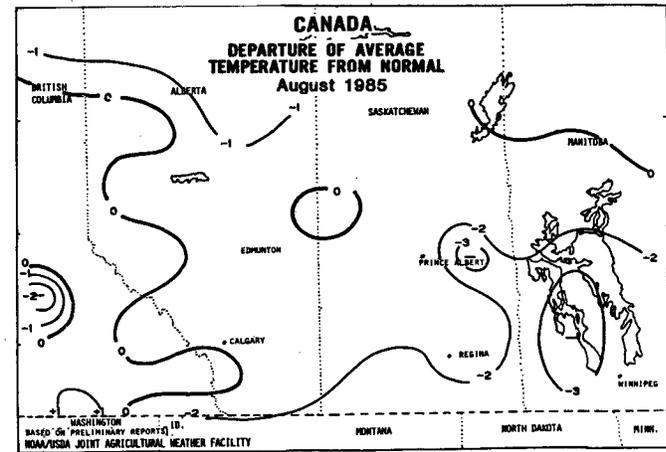
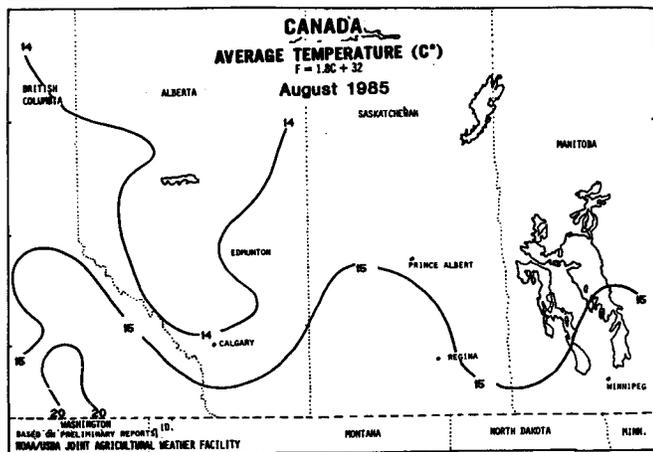
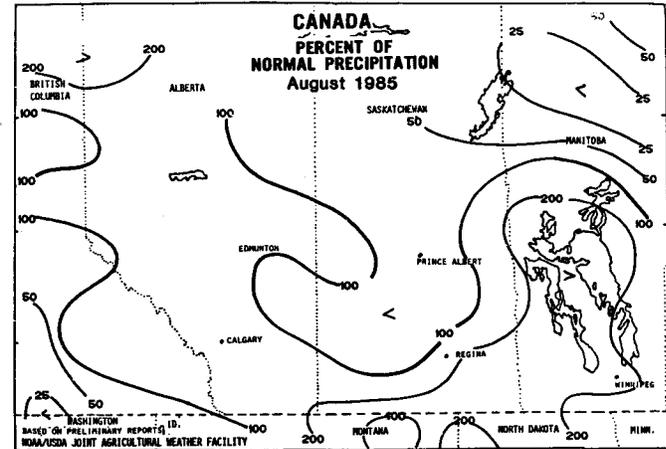
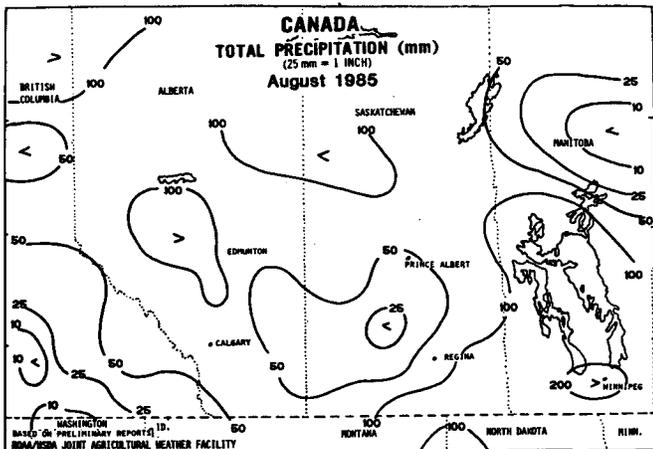
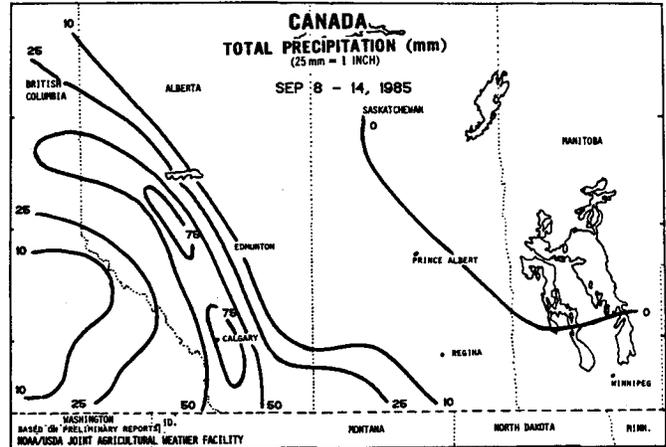
WESTERN USSR...Recent showers in southern crop areas created unfavorable conditions for corn maturation and harvesting, but increased topsoil moisture for winter wheat planting. Early August hot and dry weather covered corn areas in the North Caucasus, lower Volga Valley, eastern Ukraine, and the southeastern Black Soils Region. Moderate winds accompanied maximum temperatures of around 35C in these areas on August 9-13, which reduced the yield potential of corn in the filling stage. Corn historically represents about 5 percent of total grain production. Above-normal August temperatures enhanced crop maturity, and periods of dryness in most areas helped small grain harvesting. However, showers since early August persisted over the Baltic States and Belorussia, slowing harvesting. Recent showers in the Volga Vyatsk and the Volga Valley favored winter grain emergence. Weekly temperatures over the region were 2-4C below normal.



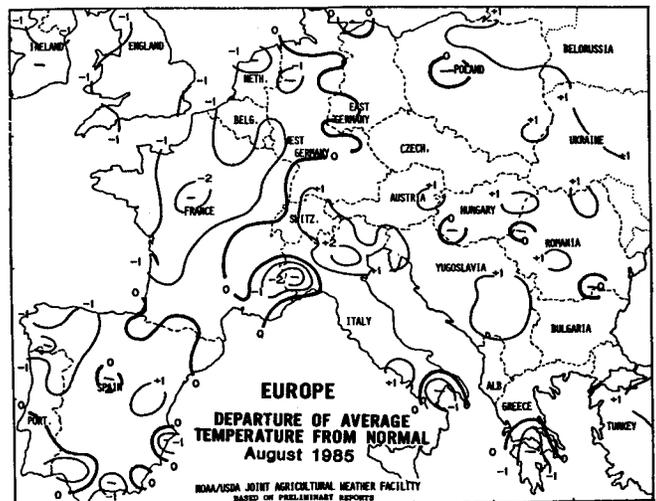
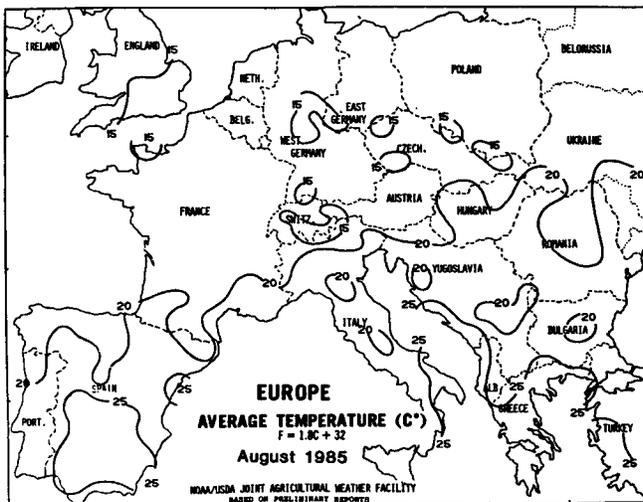
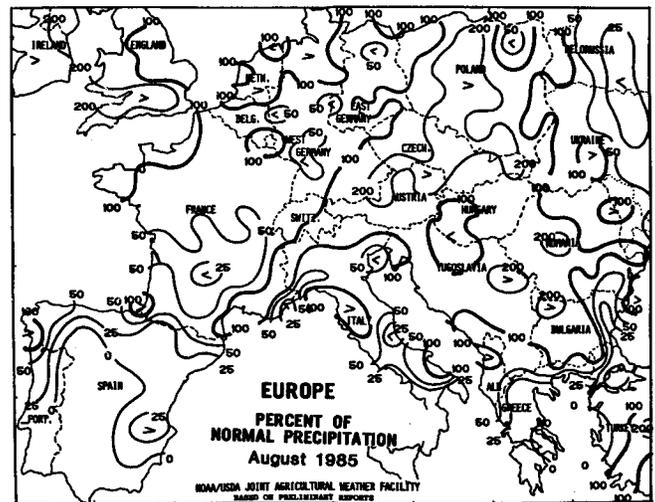
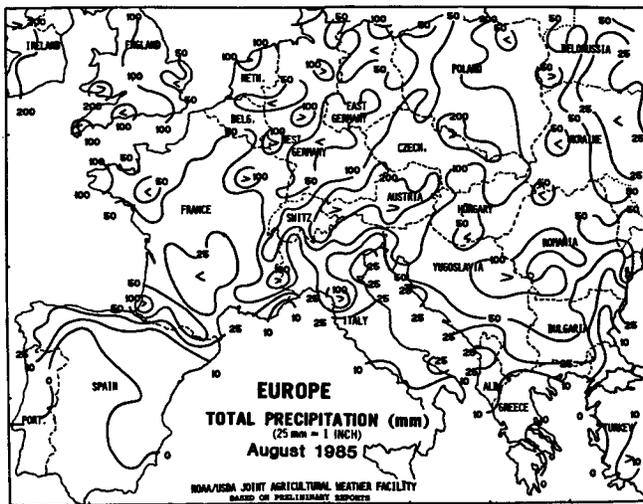
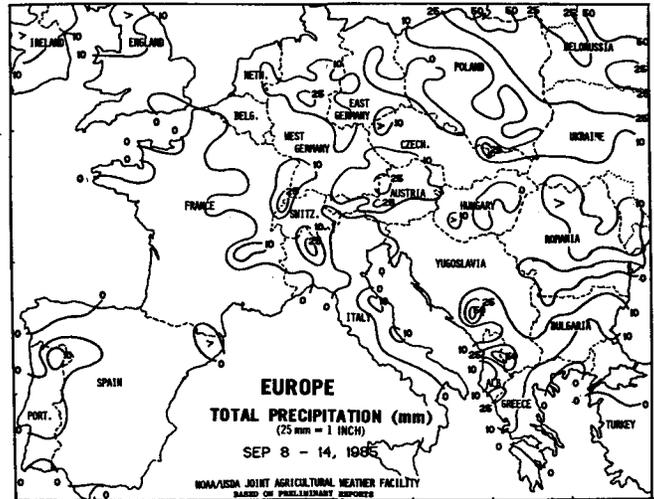
NEW LANDS... Dry weather covered most spring grain areas, aiding harvesting. August's above-normal precipitation in the north and east benefited spring grains which advanced through the filling stage. Temperatures in these areas since mid-August have been below normal, slowing crop maturation. In western spring grain areas, August's unseasonably warm, dry weather continued this past week, favoring crop maturation and aiding harvesting. Reports indicate that as of September 9, small grains and pulses, excluding corn, were about 77 percent harvested.



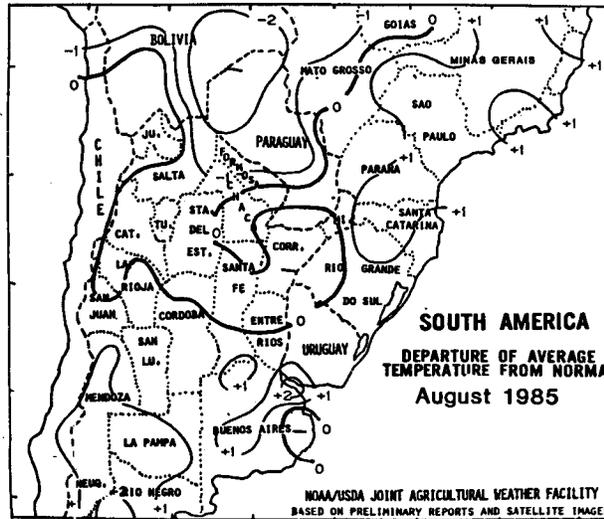
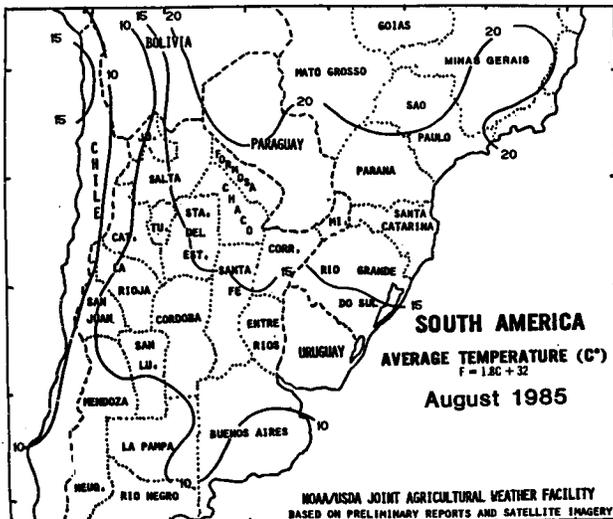
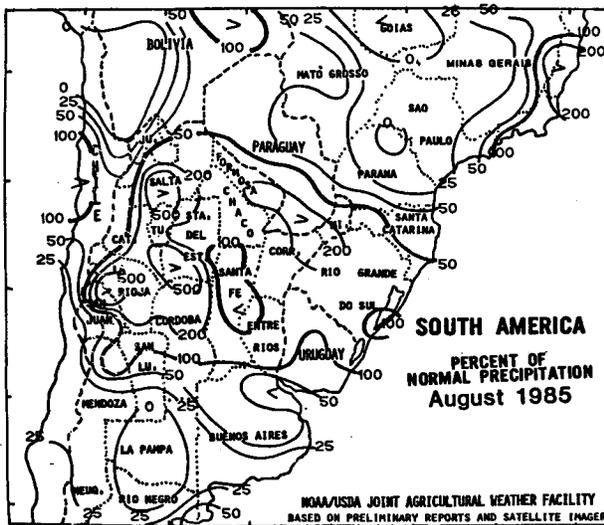
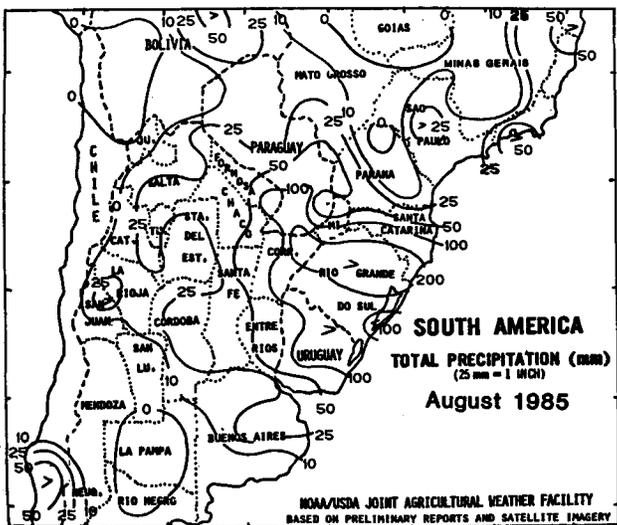
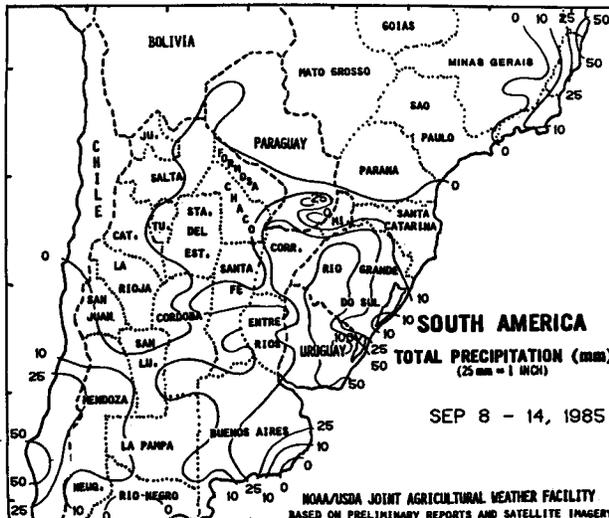
CANADA...Locally heavy showers fell in western spring grain areas of Alberta, delaying the harvest which is about 50 percent complete. Drier weather covered the remaining spring grain areas, but unseasonably cool weather continued to hamper drying in the east. Extremely wet August weather in Manitoba and southeastern Saskatchewan extensively delayed harvest and deteriorated the quality of mature grains. Below-average temperatures with some frost in late August and early September aggravated the unfavorable late growing-season conditions in the east. In Saskatchewan, monthly rainfall was generally near normal except for the wet southeast. The grain harvest is nearly complete in the southwest. Near-to above-average August rain in Alberta helped some late maturing crops but was untimely for the drought-affected maturing grain.



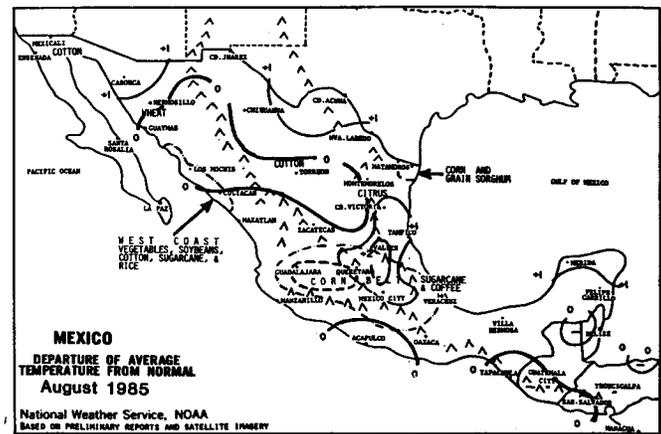
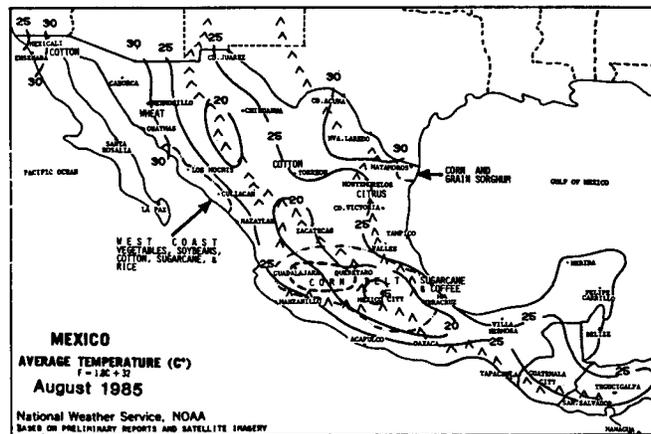
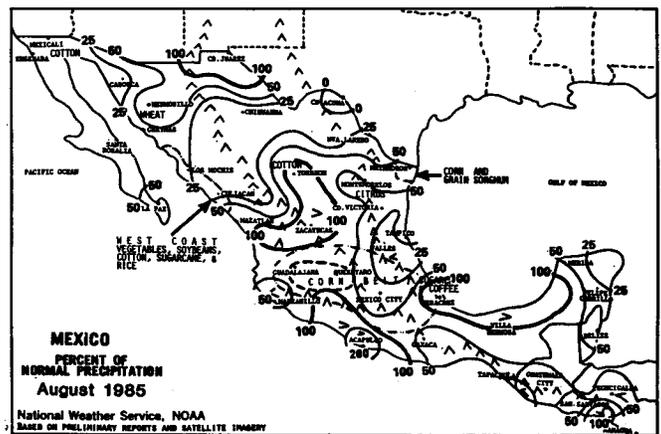
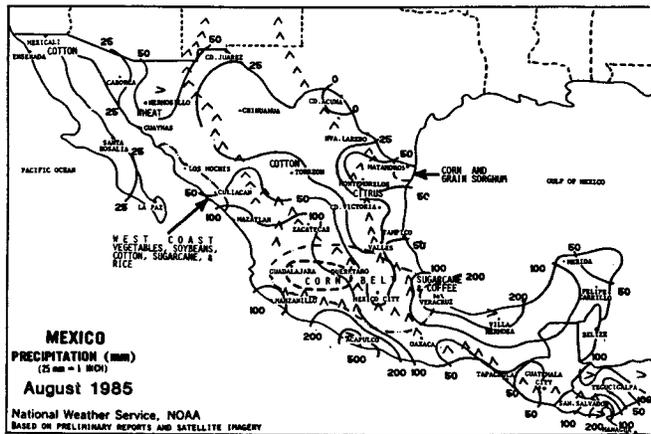
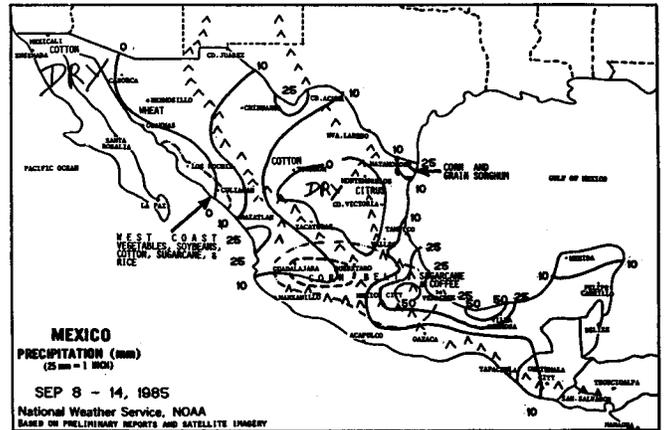
EUROPE...Favorably warm, dry weather covered crop areas in Ireland, England, France, the Netherlands, Belgium, and most of West Germany, reversing August's unseasonably cold, wet weather pattern. The dry weather in these areas aided late wheat harvesting and winter grain planting. Topsoil moisture across most of northern Europe is abundant for winter grain emergence and early growth. Dry weather in southern France and northern Italy continued August's below-normal precipitation pattern, favoring corn maturation and aiding harvesting. Mostly dry weather covered corn areas in eastern Yugoslavia, southwestern Romania, and northern Bulgaria, aiding harvesting. Heavy showers late in the month, following a prolonged period of unfavorable dryness contributed to August's above-normal precipitation in the southeast.



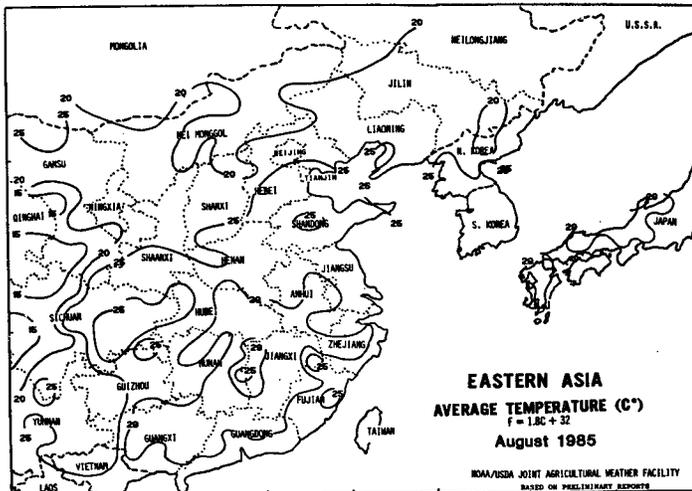
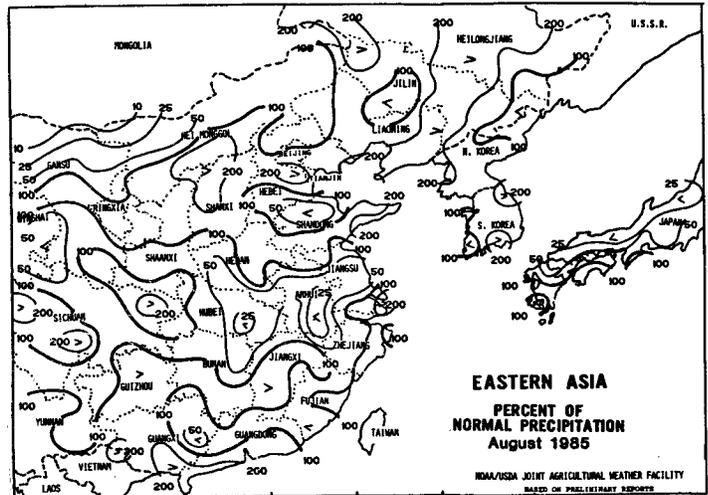
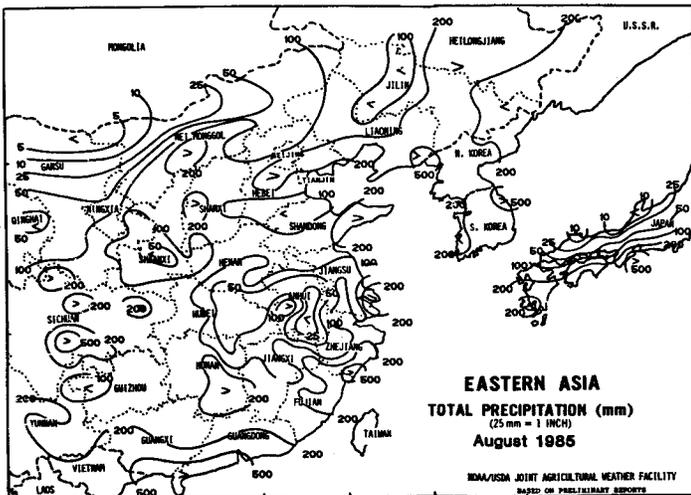
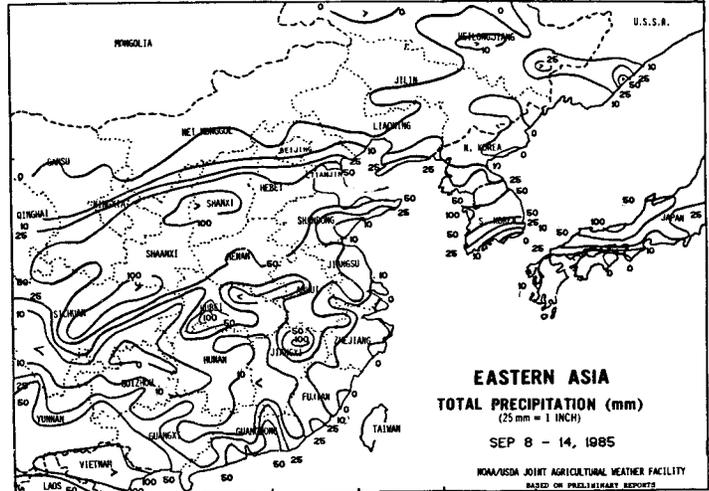
SOUTH AMERICA... In Argentina, beneficial showers fell over most wheat areas of Buenos Aires and southern Cordoba, helping early vegetative growth. August rainfall was generally below average over Buenos Aires, extreme southern Cordoba, and La Pampa. Topsoil moisture is very limited in southwestern wheat areas, with only light showers occurring again in extreme southwestern Buenos Aires and most of La Pampa. Early corn planting began in Santa Fe with mostly favorable moisture supplies extending into northern cotton areas. In Brazil, substantial showers in Rio Grande do Sul kept southern wheat moist during grain filling, following above-average August rainfall. Dry weather returned to Parana, Mato Grosso do Sul, Sao Paulo, Goias, and Minas Gerais following the previous week's beneficial rain. August dryness favored the wheat harvest in this region but moisture supplies are currently limited for summer crop planting.



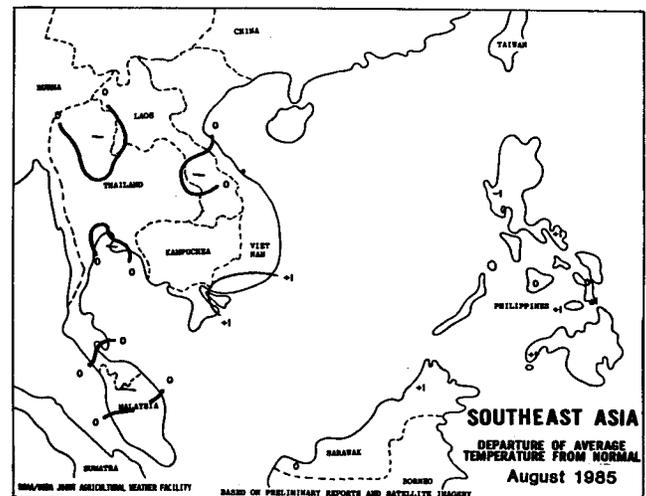
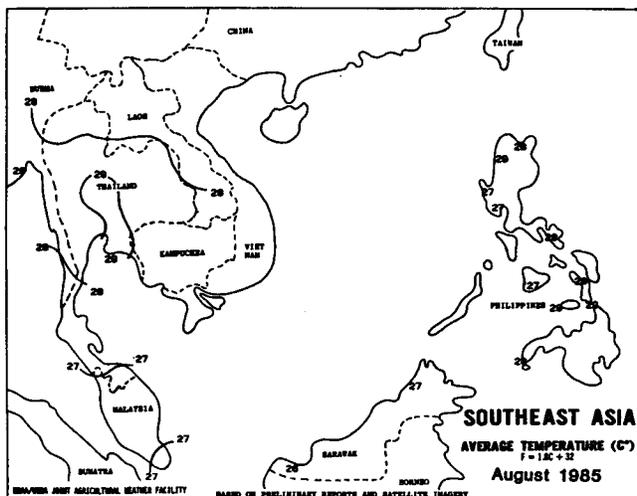
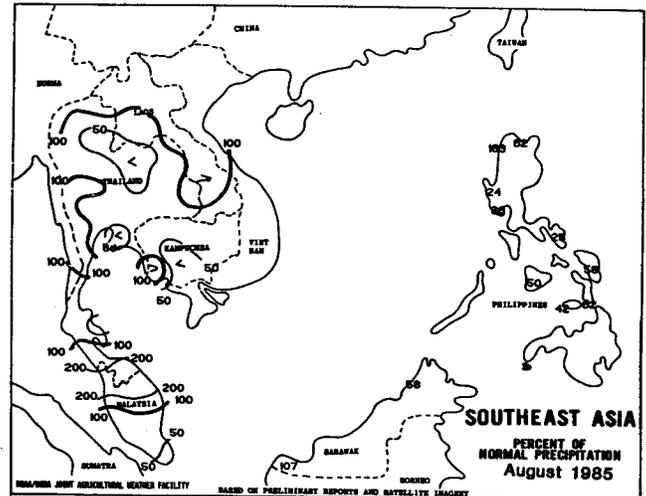
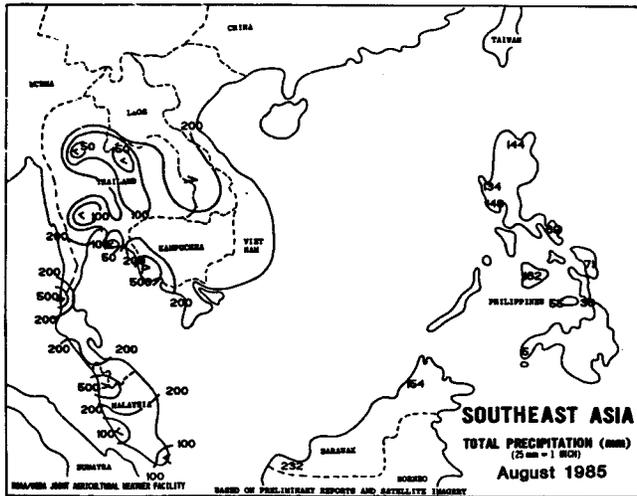
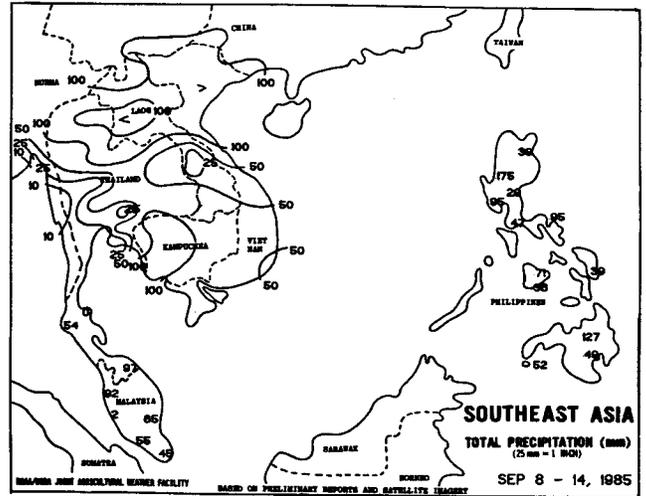
MEXICO... Rain fell over the eastern half of the southern Plateau corn belt, benefiting immature corn in the grain filling stage. Light, scattered showers fell in the western corn area. Showers helped crop development in southern portions of the west coast farming area, but dry weather extended into the northwest mountains and the northeast citrus and sorghum areas. A narrow band of showers extended into north-central rangelands. August rainfall averaged near to below normal over most crop areas, reversing the pattern of the previous 2 months. Moisture has been generally adequate for crops in the corn belt but late maturing corn and soybeans would benefit from additional September rain.



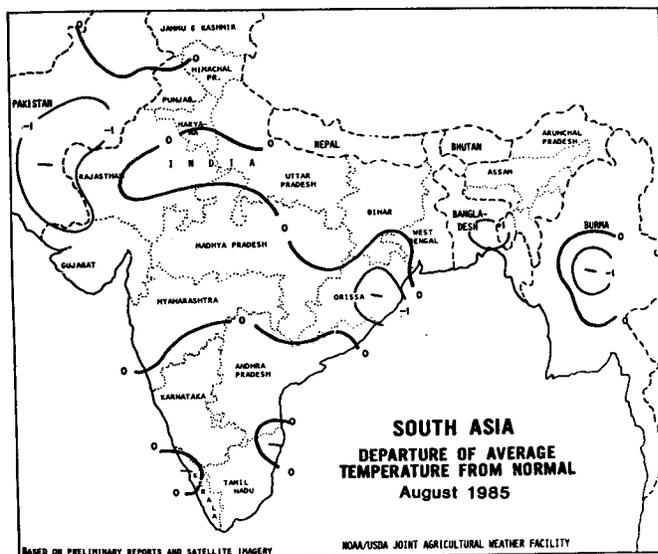
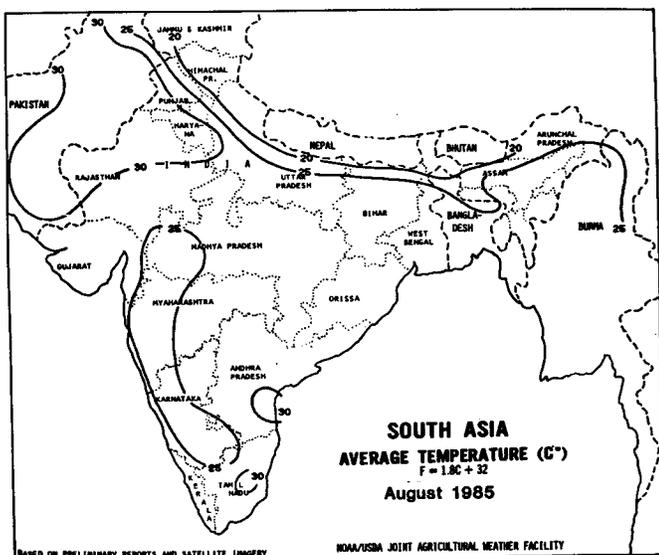
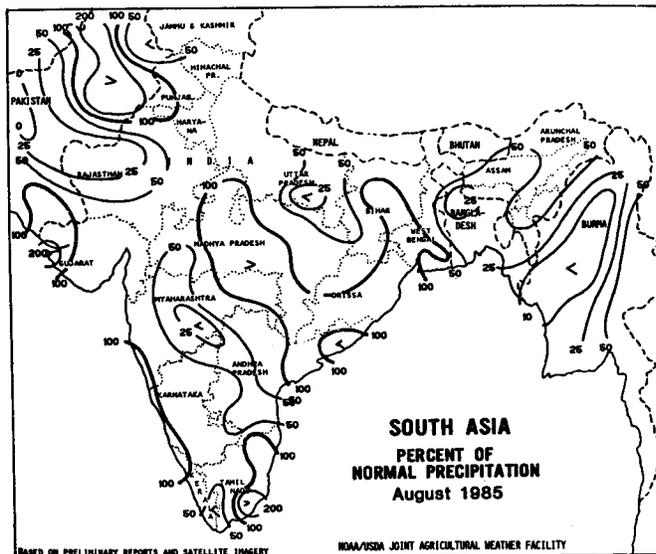
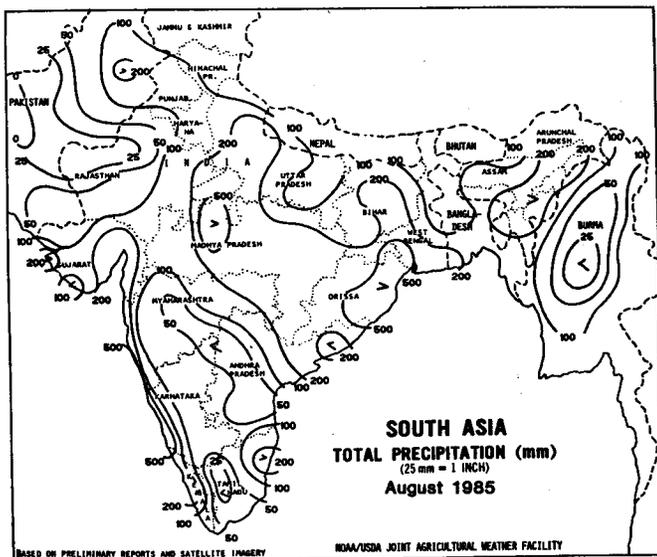
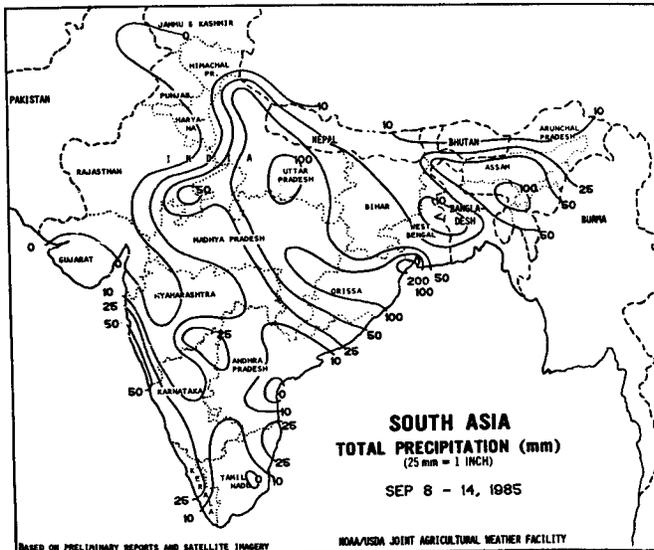
EASTERN ASIA... Above-normal rain during August benefited late rice in the filling stage following unfavorably dry early-season weather. Flooding damaged rice along the south coast. Relatively dry August weather along the upper Yangtze River favored cotton harvesting. Mostly above-normal rain fell in the North China Plain, excluding southern Hebei and northern Shandong, benefiting late corn and soybeans in the filling stage. Much-above-normal August rain in Manchuria was unfavorable for corn and soybeans in the late filling and maturing stages. This week, relatively dry weather covered much of the south. Moderate to heavy rain (50-100 mm) in the North China Plain was unfavorable for maturing corn and soybeans and open cotton bolls, but will benefit winter wheat planting. Drier weather favored northeastern maturing corn and soybeans.



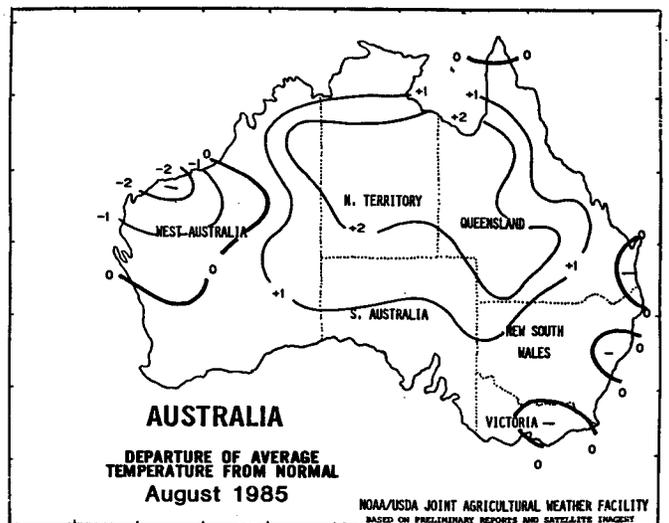
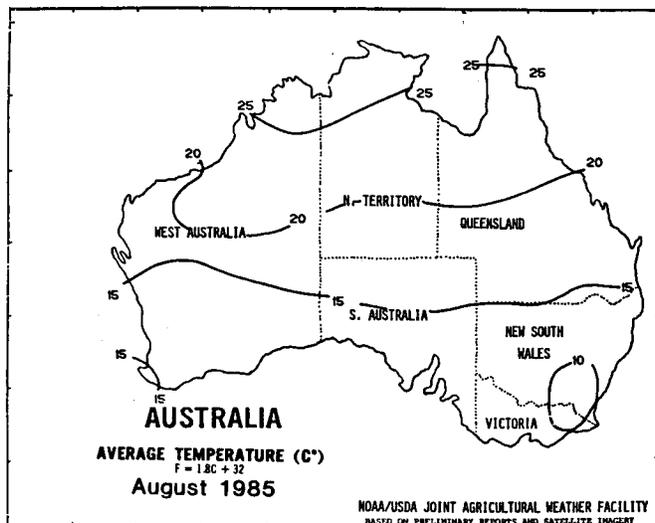
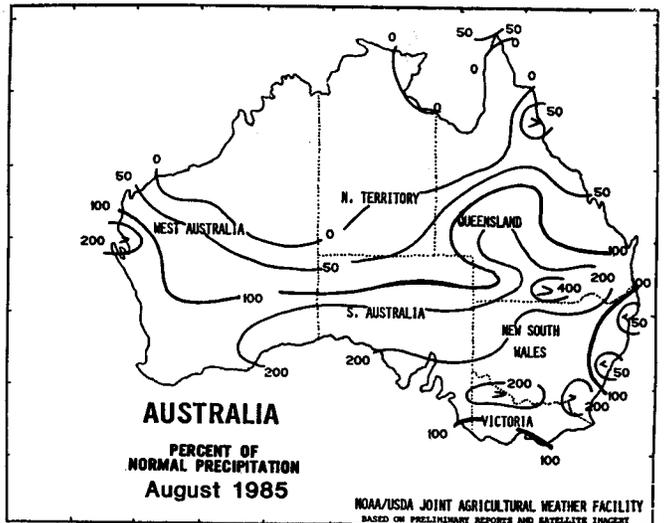
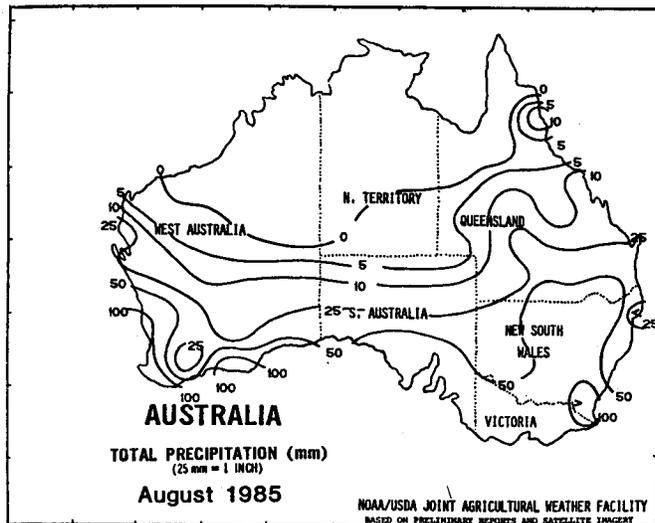
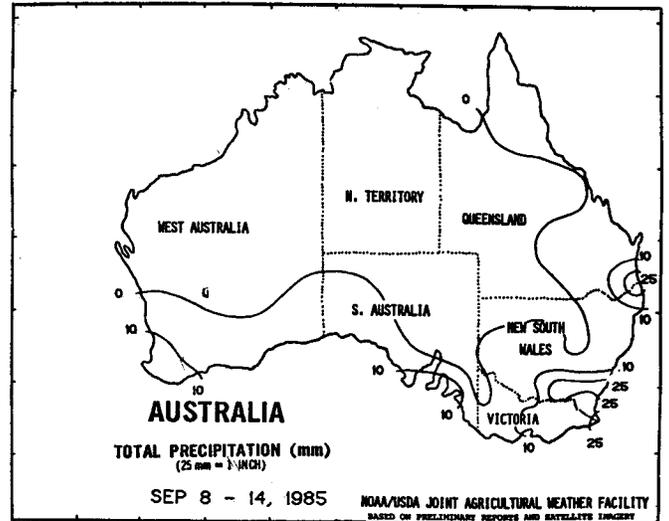
SOUTHEAST ASIA...Relatively dry weather covered much of Thailand during August. Parts of northern Thailand received less than half the normal monthly rainfall, stressing rainfed rice. However, dry weather in central Thailand benefited corn harvesting. Below-normal rain fell in the major south central rice area, but irrigation likely supplied adequate moisture for crop development. This week, rain increased substantially in much of Indochina. Fifty to 100mm of rain greatly benefited rainfed rice in eastern and northern Thailand. Moderate to heavy rain fell in the Philippines, benefiting lowland rice mostly in the vegetative stage.

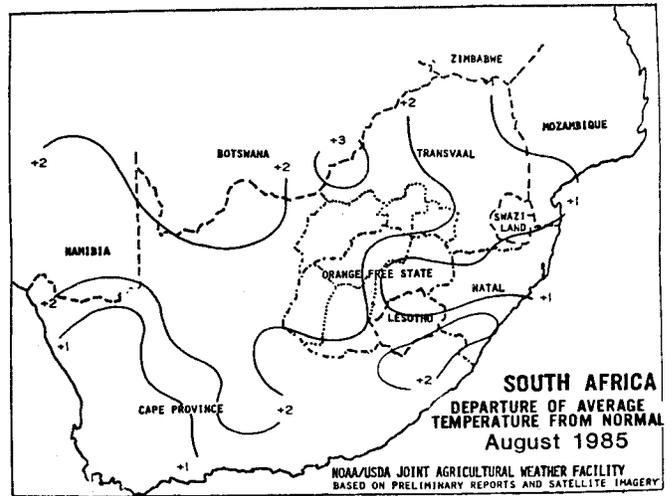
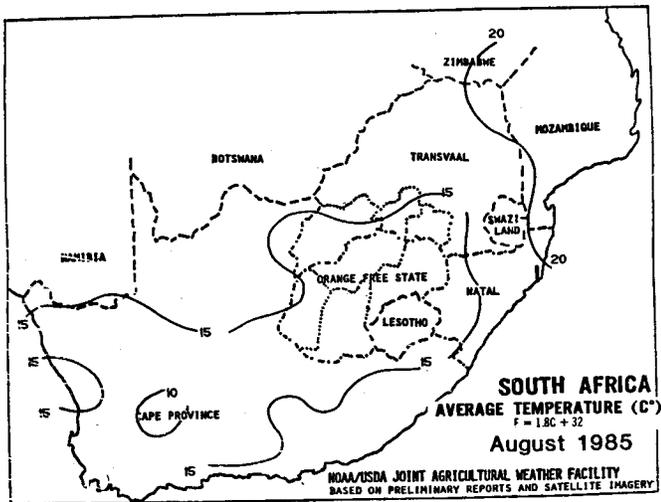
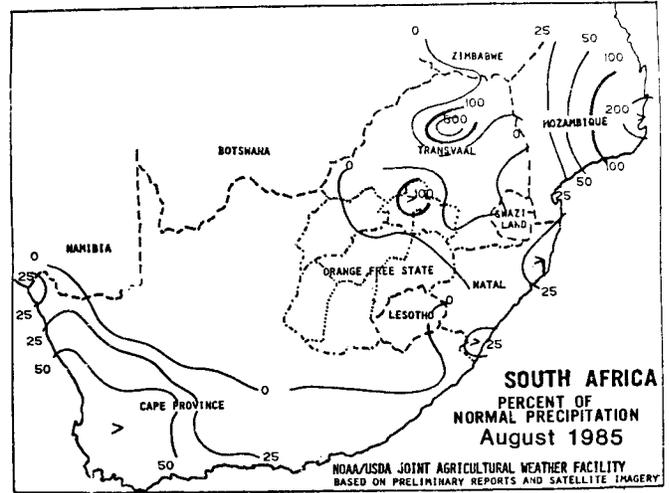
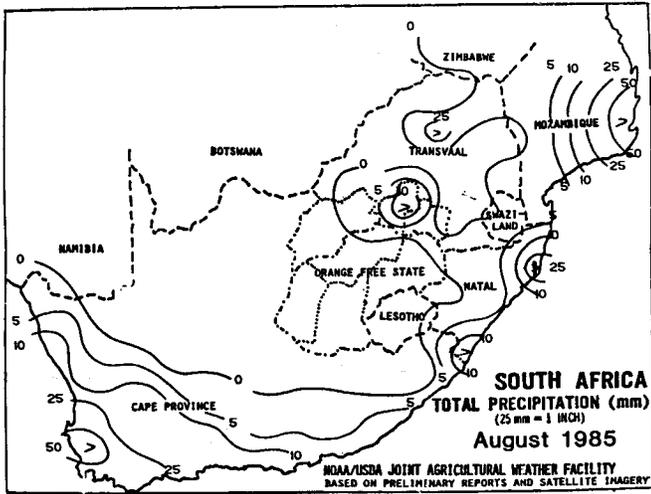


SOUTH ASIA... August rainfall was near to above-normal in much of the eastern rice region, especially benefiting rainfed autumn rice in the heading stage and winter rice in the vegetative stage. Monsoon rainfall progressively weakened in the northwest during August, straining irrigation supplies. A recent increase in rain (50-150mm in Uttar Pradesh) following unfavorably dry August weather possibly benefited rainfed autumn rice in the late filling stage. Below-normal rain in the west stressed cotton and groundnuts entering the reproductive stage. This week, moderate rain (10-25mm) in Karnataka, Andhra Pradesh, and southern Maharashtra partially relieved the dryness but moisture remains limited.



AUSTRALIA... Above-normal August rainfall improved nearly all wheat areas. Wheat is entering the heading stage in South Australia, New South Wales, and Victoria where 50-100mm of rain fell during August. Some Queensland wheat areas remained relatively drier. Near-normal August rainfall in Western Australia benefited wheat, but above-normal temperatures maintained greater-than-normal evaporation. During the last 2-3 weeks, drier weather prevailed across most of the wheat belt. This week, moderate rain (15-50mm) favored the southeast, but relatively dry weather covered most of the region. Soil moisture is being depleted as the crops' moisture requirements increase.





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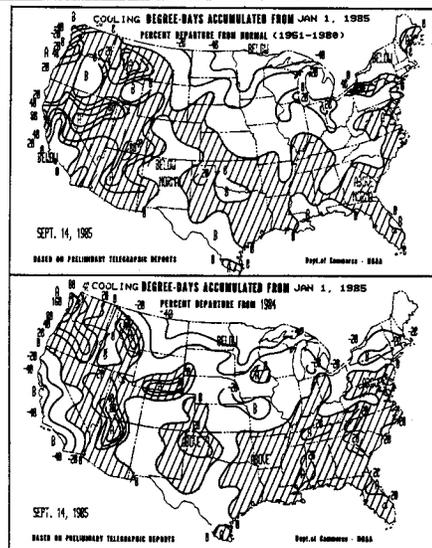
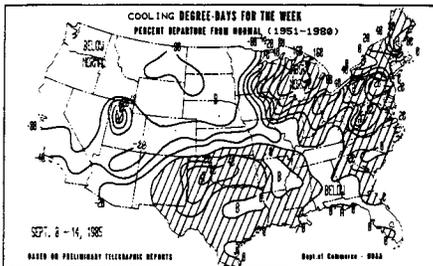
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Continued from p. 1

PASTURES AND LIVESTOCK: Moisture improved pastures, but the cool temperatures slowed growth in most areas. Livestock was mostly good and movement from summer pastures increased.



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