

# 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

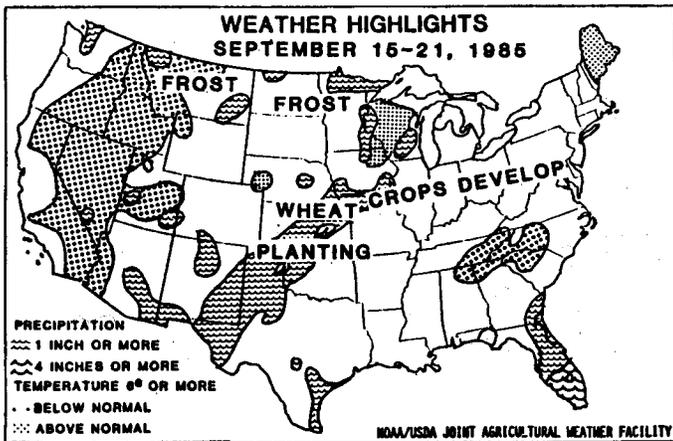
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Sept. 24, 1985

## National Weather Summary

September 15-21, 1985



**TUESDAY...** Showers and thunderstorms were generally light in the Great Lakes region but were heavy in nearly all of Florida. Thunderstorms were scattered over southern Texas and the Southwest. Rain and showers spread over the Northwest to northern California, the central Plateau, and into Montana.

**WEDNESDAY...** Showers and thunderstorms were widespread from southern California to western Texas and northward through Montana and the Dakotas. The showers and thunderstorms in the Great Lakes were confined to Michigan, to the east coast in Florida, and continued in southern Texas. Warm weather covered the Plains and was pushing eastward.

**THURSDAY...** Thunderstorms produced heavy showers in eastern New Mexico and in the western Texas cotton area, and lighter amounts northeastward to the western Great Lakes, into Canada, northward through the Plains and Rockies, and into Canada. Nights stayed cool in the East, but afternoon temperatures climbed into the eighties.

**FRIDAY...** Moderate to heavy showers and thunderstorms reached from west central Texas to southern Iowa, and lighter storms reached from New Mexico and Colorado to the central Great Lakes. A few showers fell in the Northwest, and heavier amounts covered much of Florida.

**SATURDAY...** Showers and thunderstorms covered the northern and central Rockies and from the central Plains to the central Great Lakes. Moderate showers were isolated from western Oklahoma to Wisconsin. Very light showers spread through the Southeast. Freezing temperatures pushed into the upper Mississippi Valley while readings in the thirties covered the northern Plains.

**HIGHLIGHTS:** Harbingers of winter were experienced in much of the East and West. Early in the week record cool temperatures reached from Michigan to New England and down the east coast into Florida. Cold weather spread through the Rockies and Plateau in the West, and parts of the northern High Plains had their first snow of the season. Showers and thunderstorms were heavy at times from western Texas to the upper Mississippi Valley, into Canada, and through Florida and southern Texas. Lighter showers covered most of the West, but the valleys of California were dry. Dry weather extended from central Texas northeastward through the Ohio Valley to New England, and through the East Coast States to the coasts of Georgia and South Carolina.

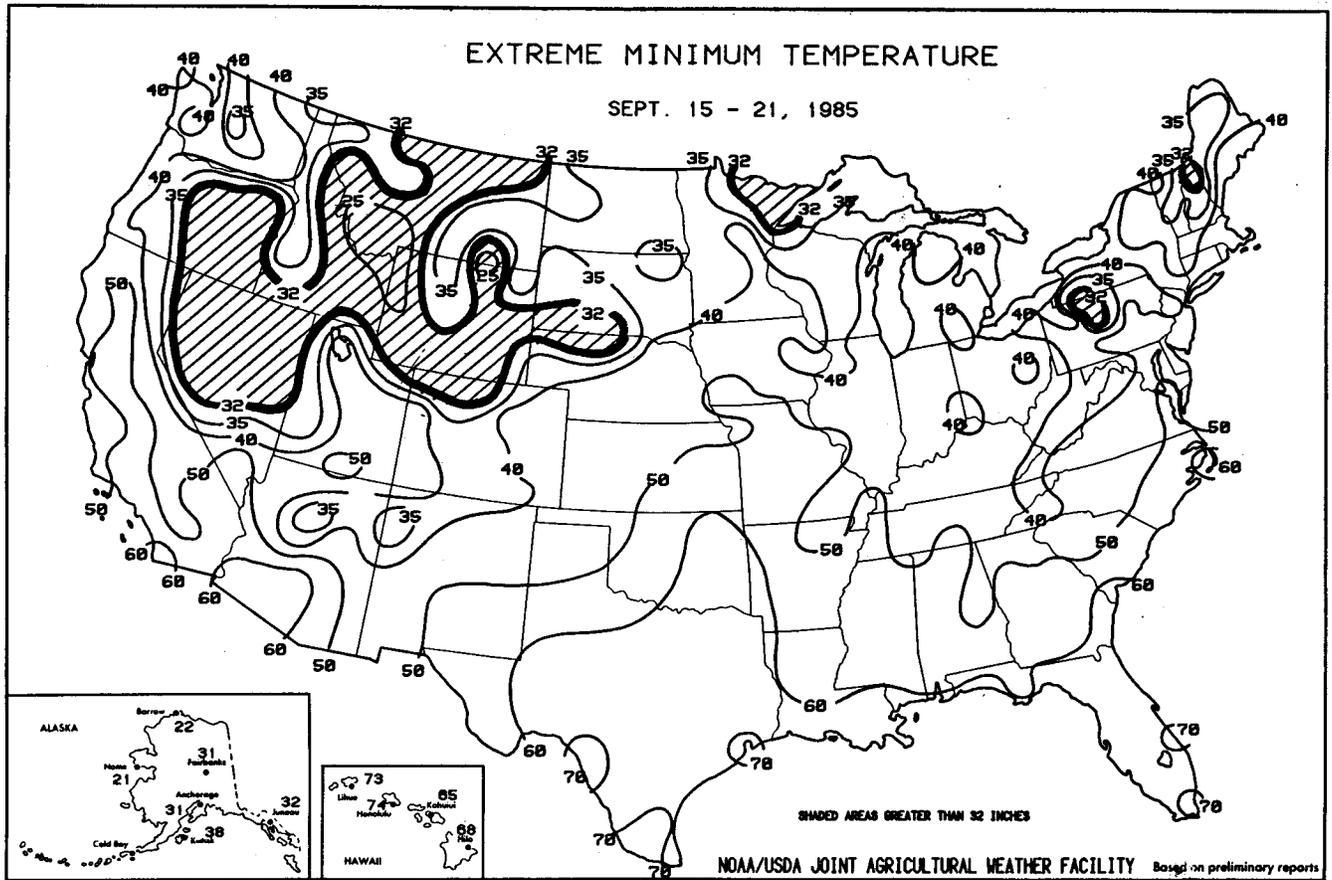
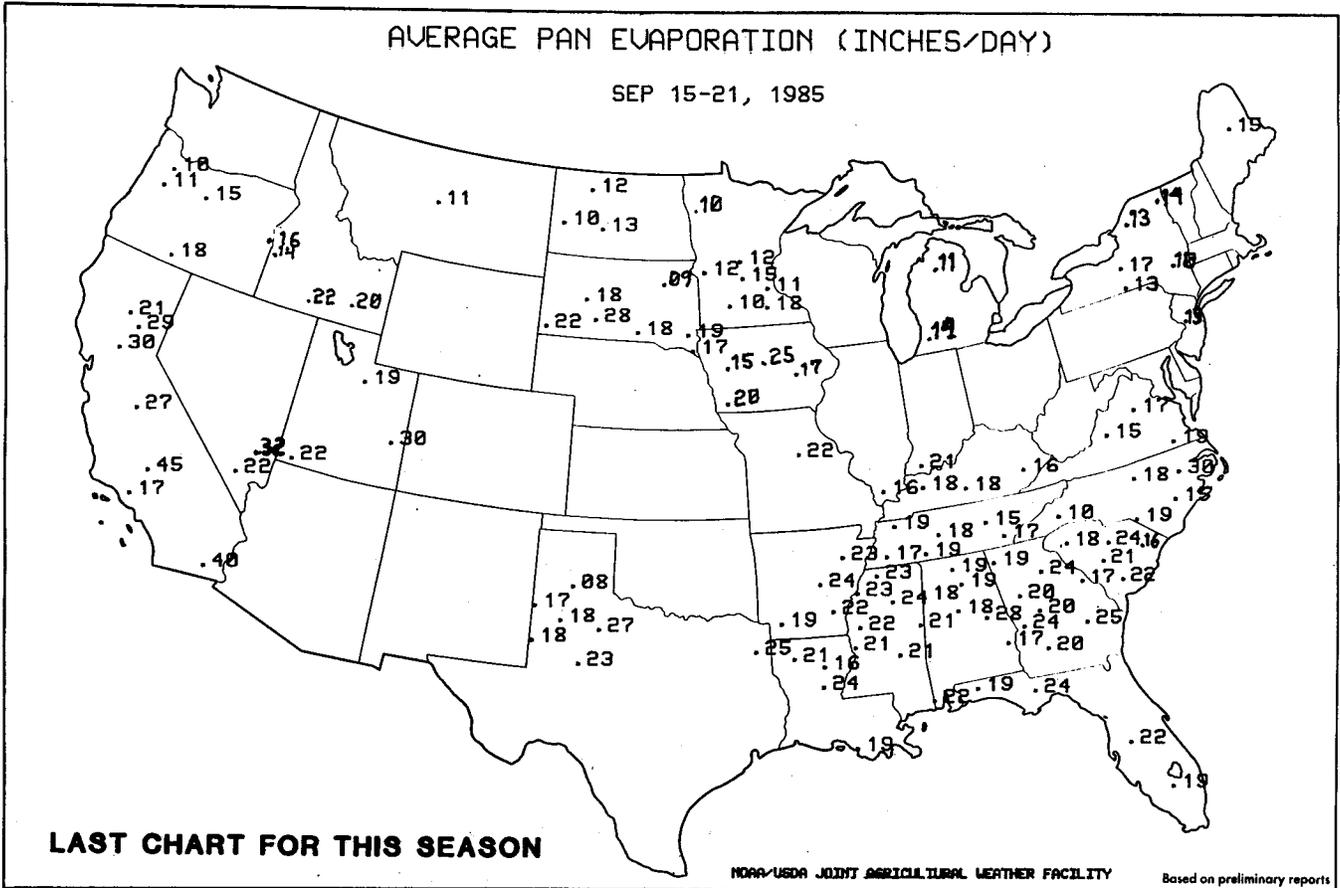
**SUNDAY...** A large high pressure system dominating the East brought record cold temperatures from Michigan to New England and as far south as Georgia. Warm weather reached northward through the High Plains. Light showers and thunderstorms spread through the Rockies and the Northwest. Thundershowers were also over Florida's east coast and in southern Texas.

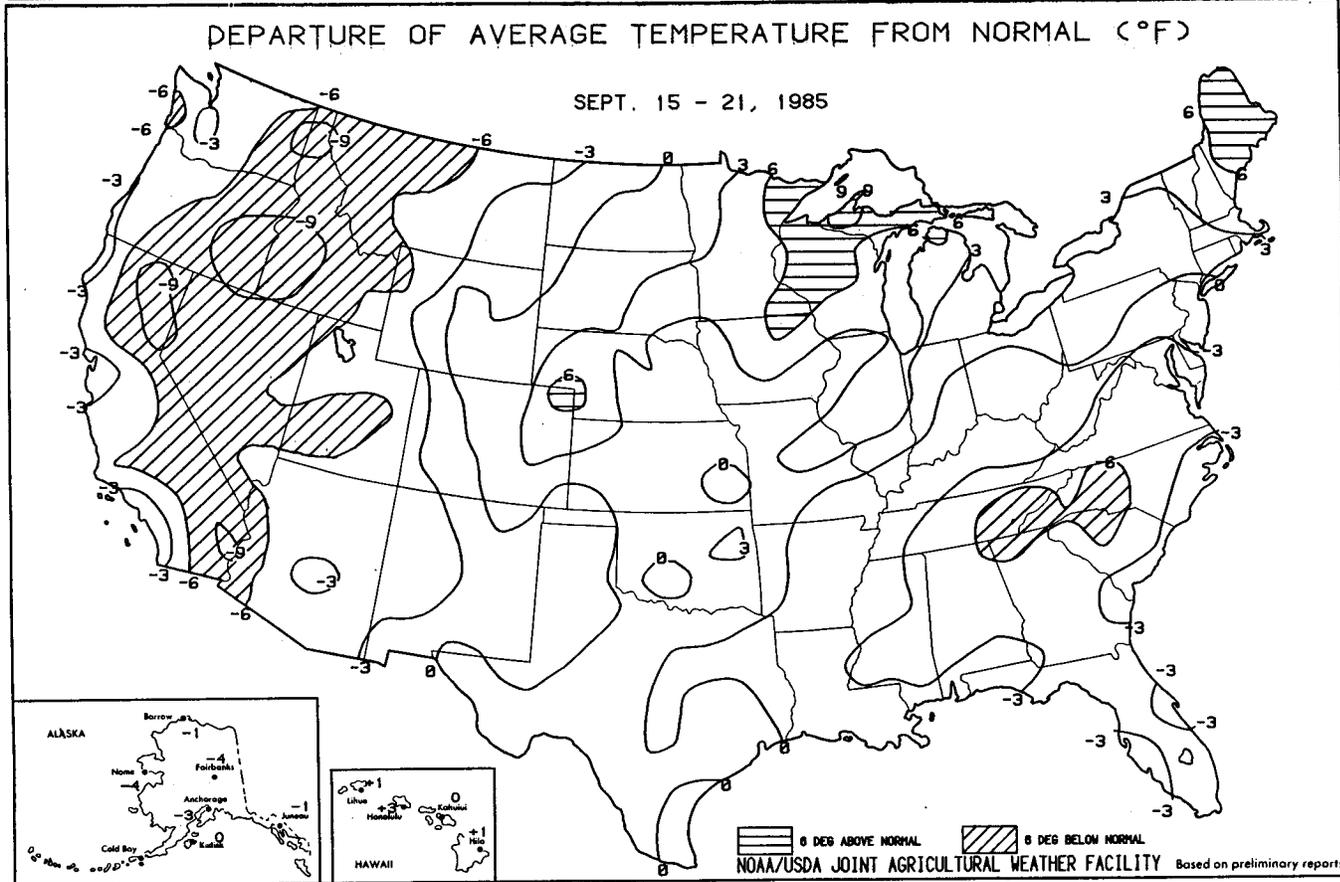
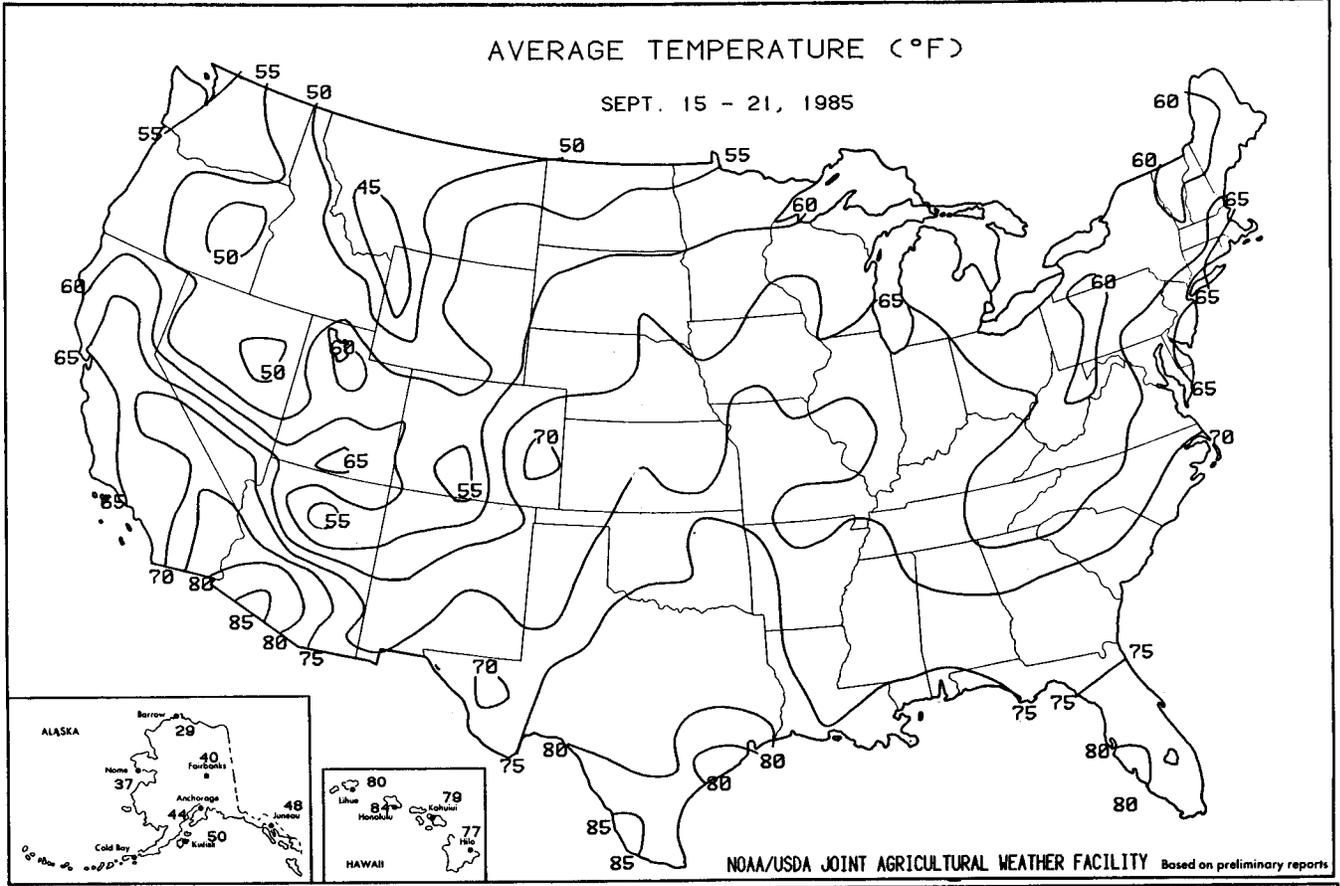
**MONDAY...** Cool weather continued to dominate the East and the West over the central and northern Plateau and northern Rockies. Cool nights and warm days were ideal for central California. Showers fell through the upper Mississippi and lower Missouri Valleys and in the Northwest. Thunderstorms continued in eastern Florida and southern Texas.

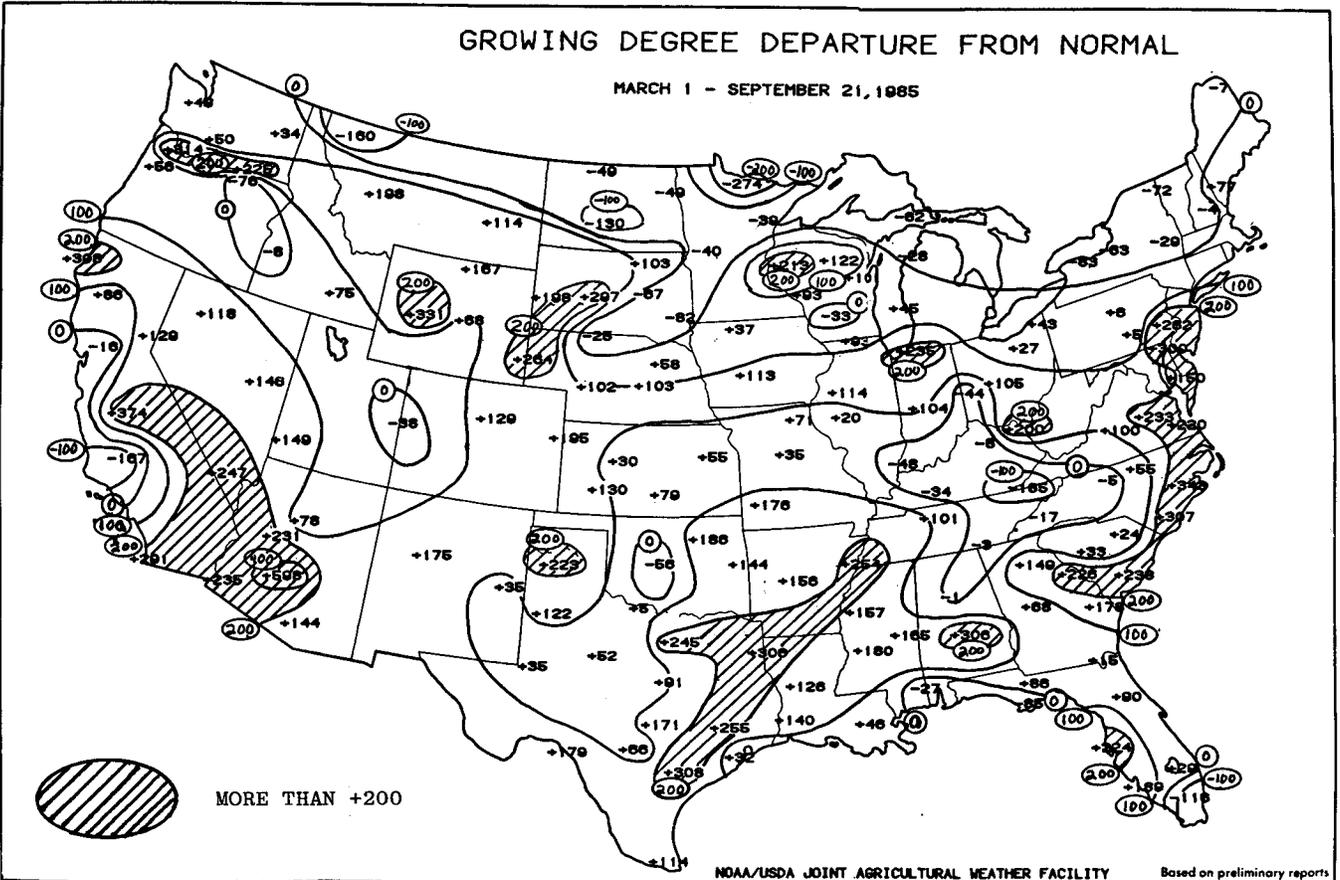
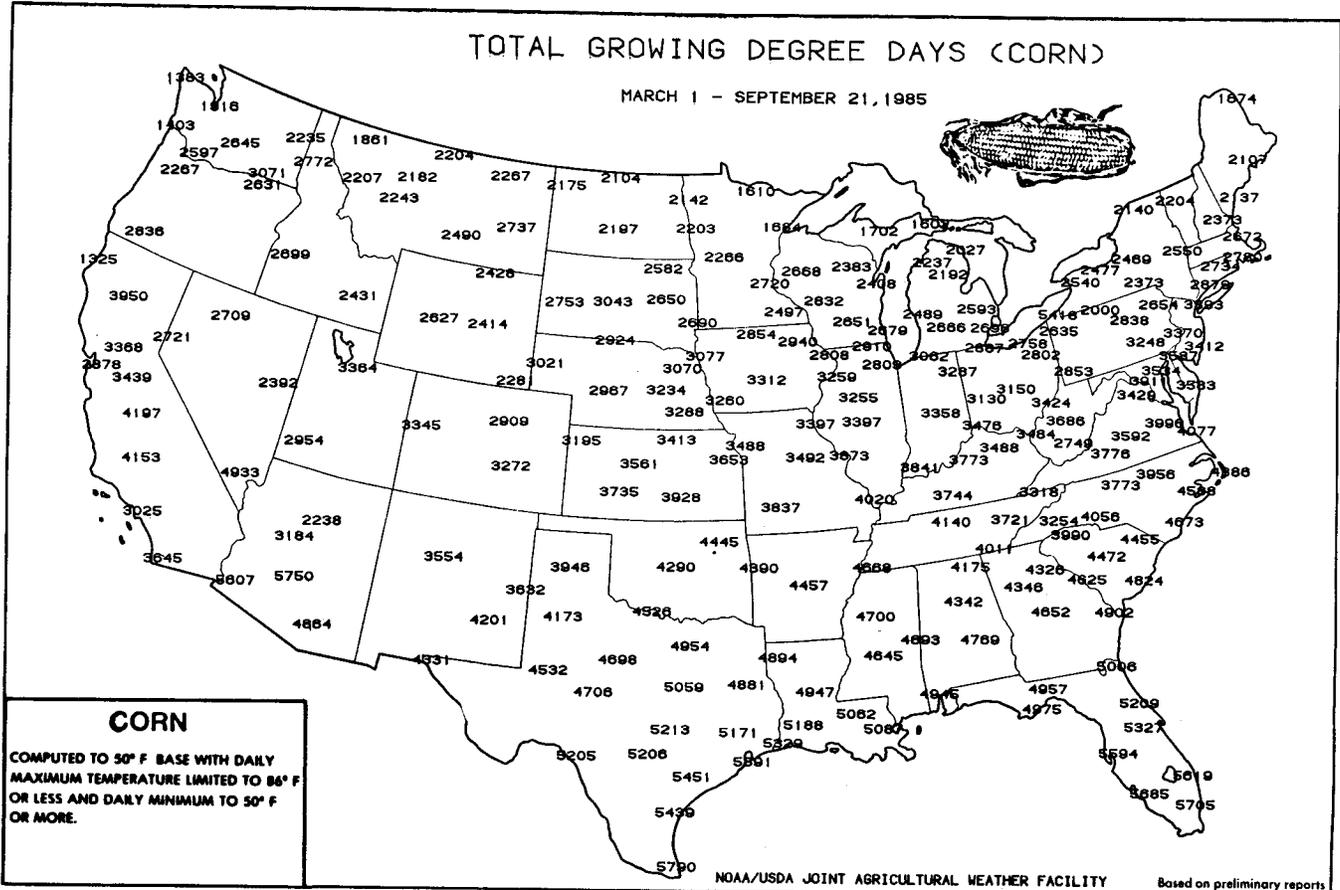
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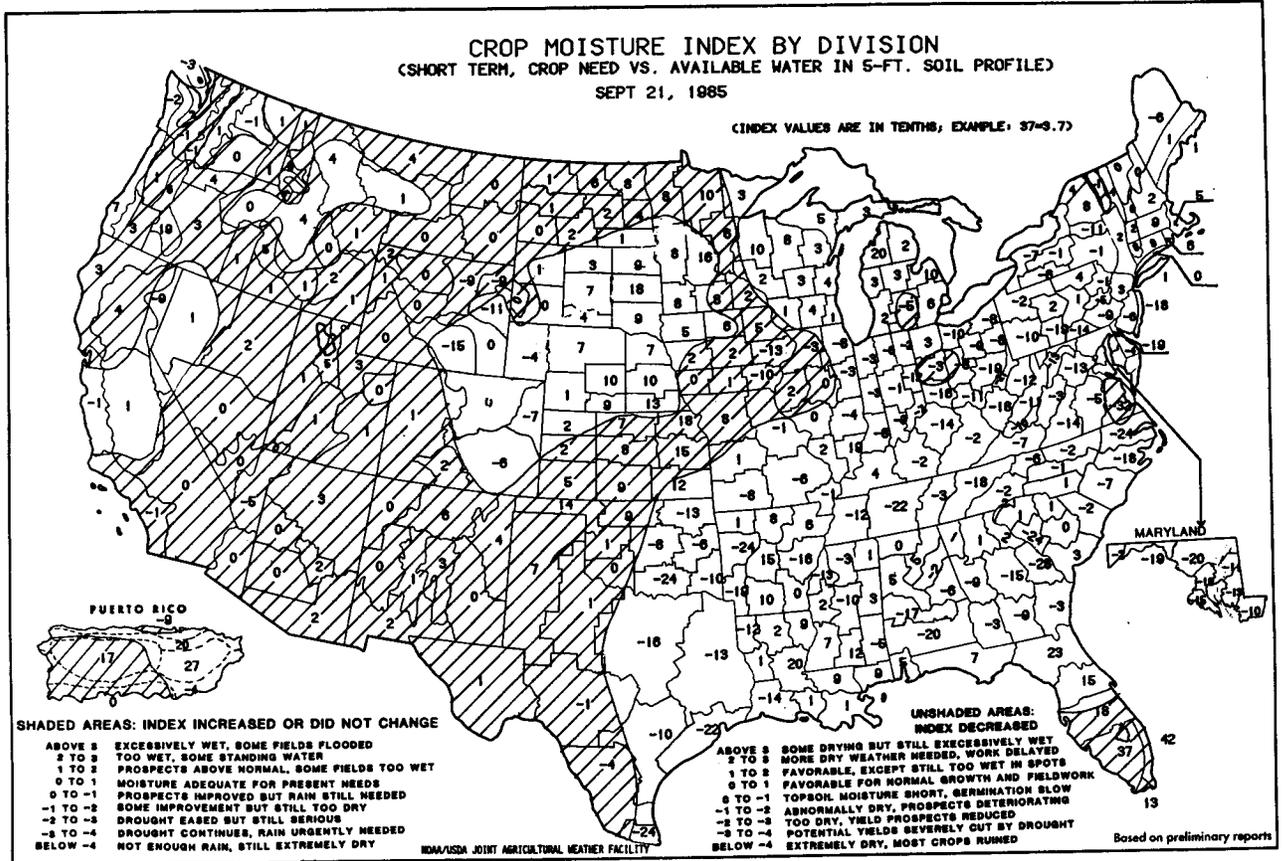
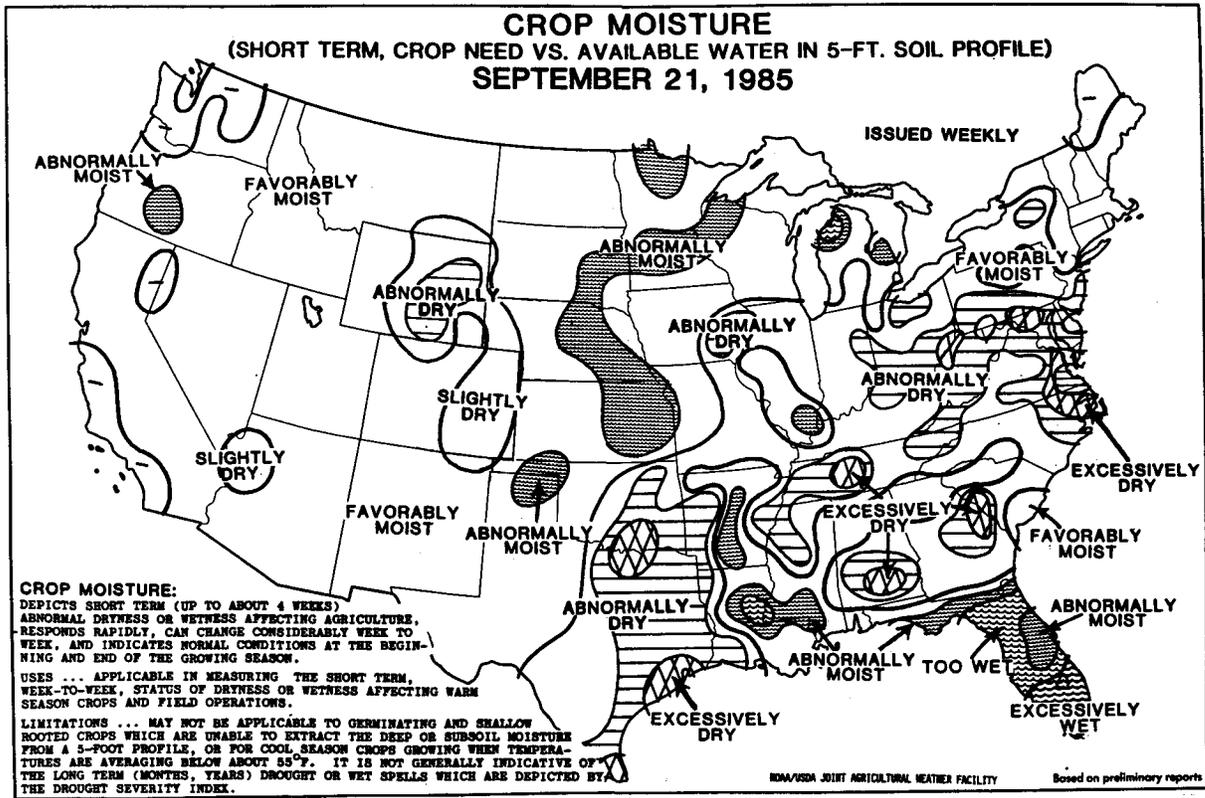
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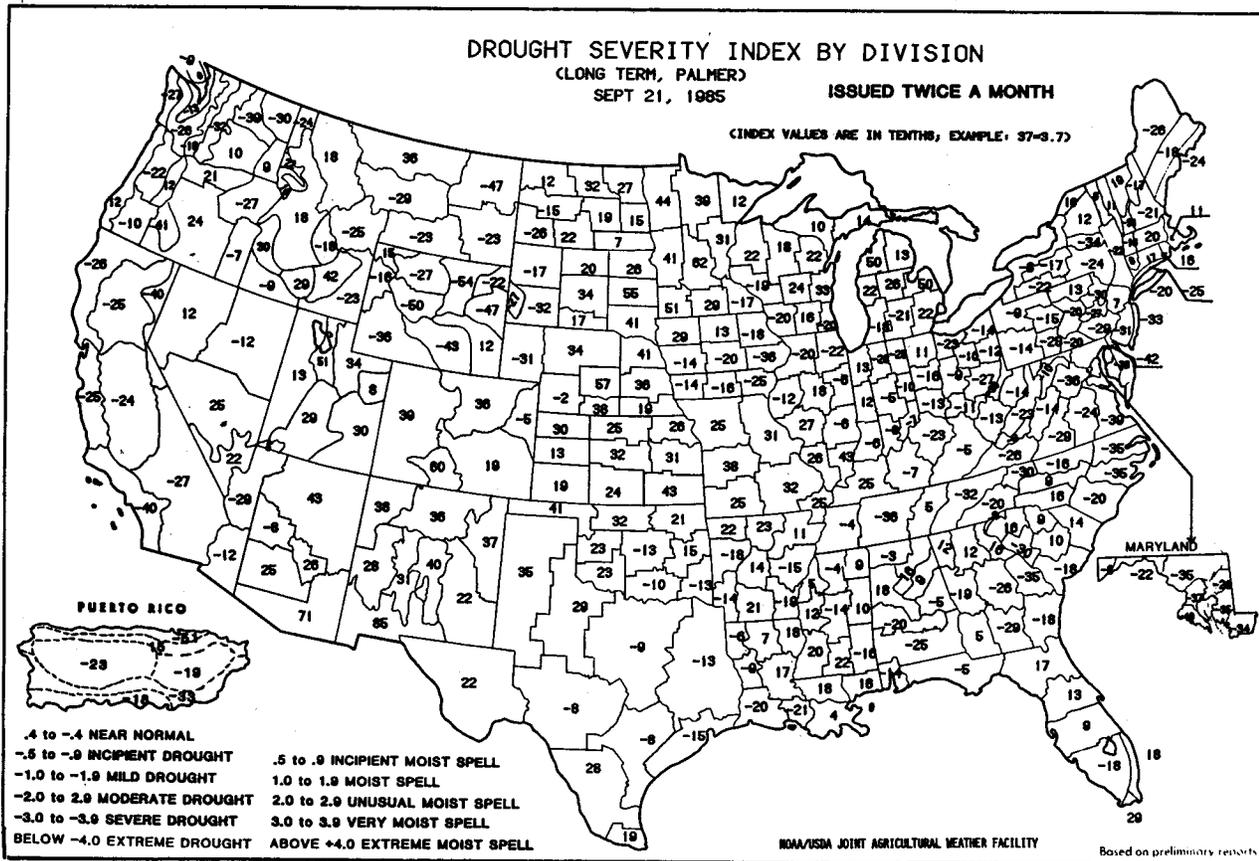
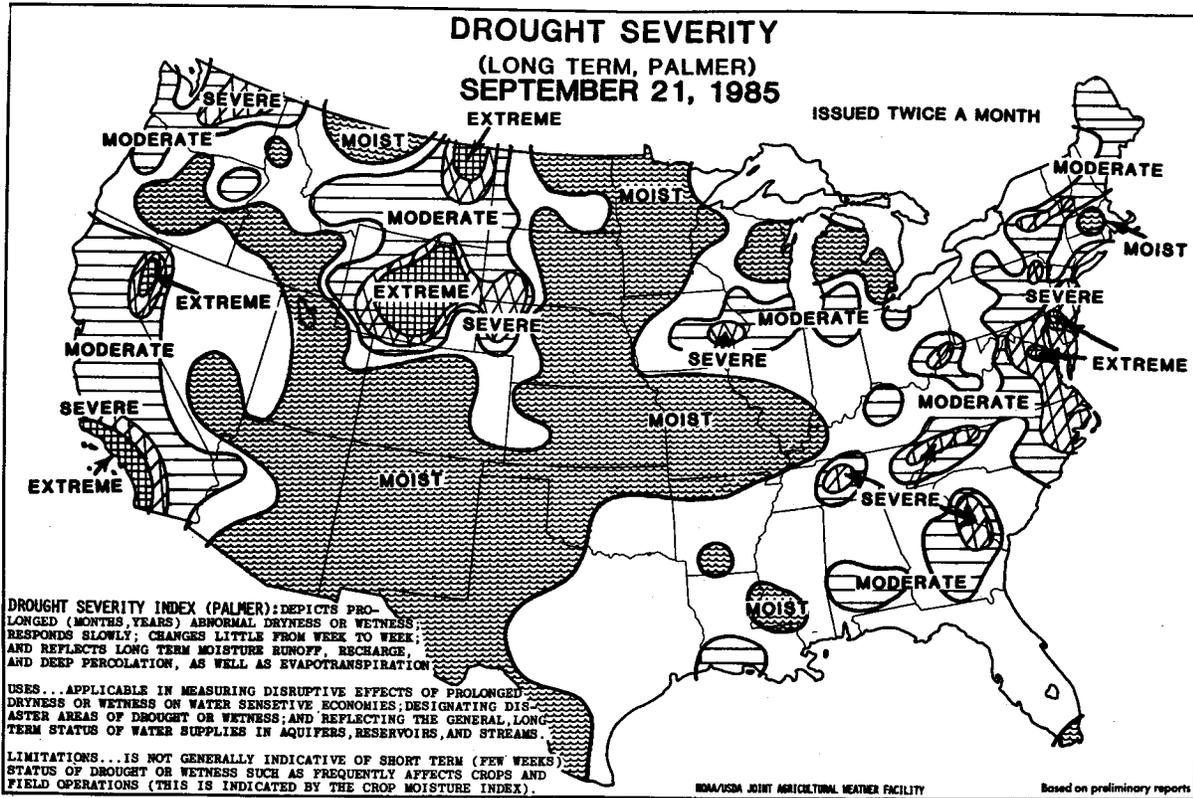


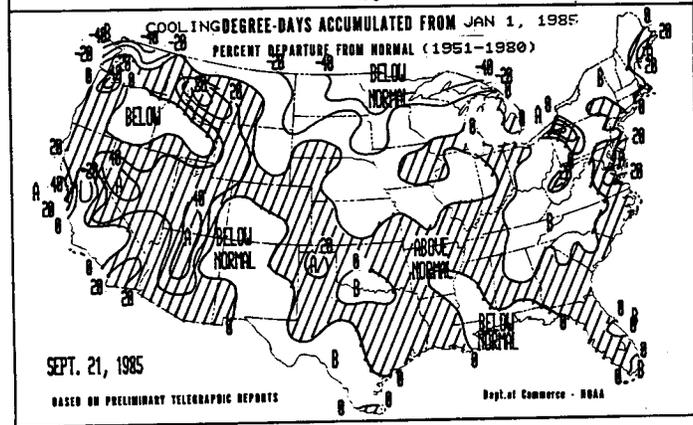
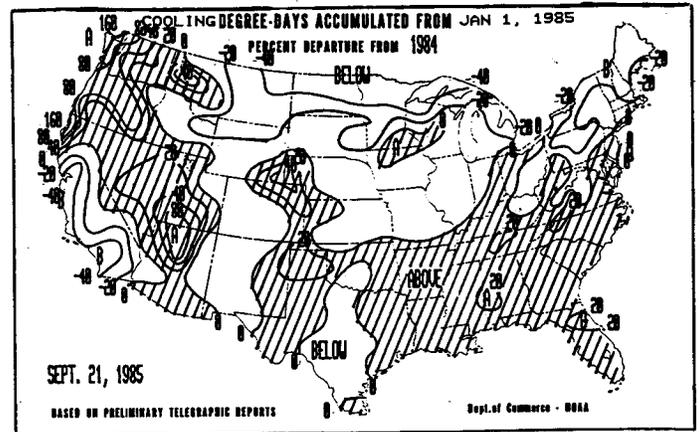
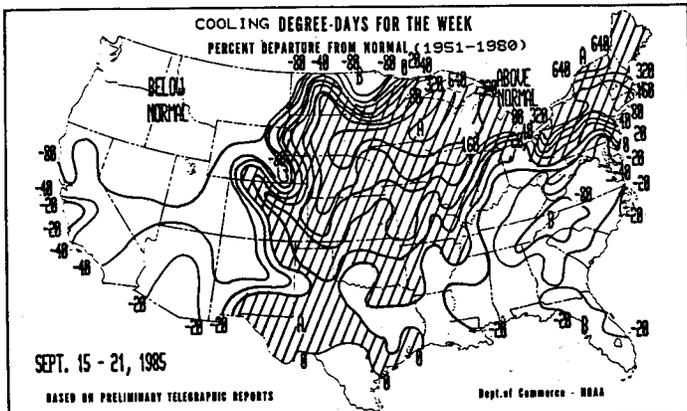
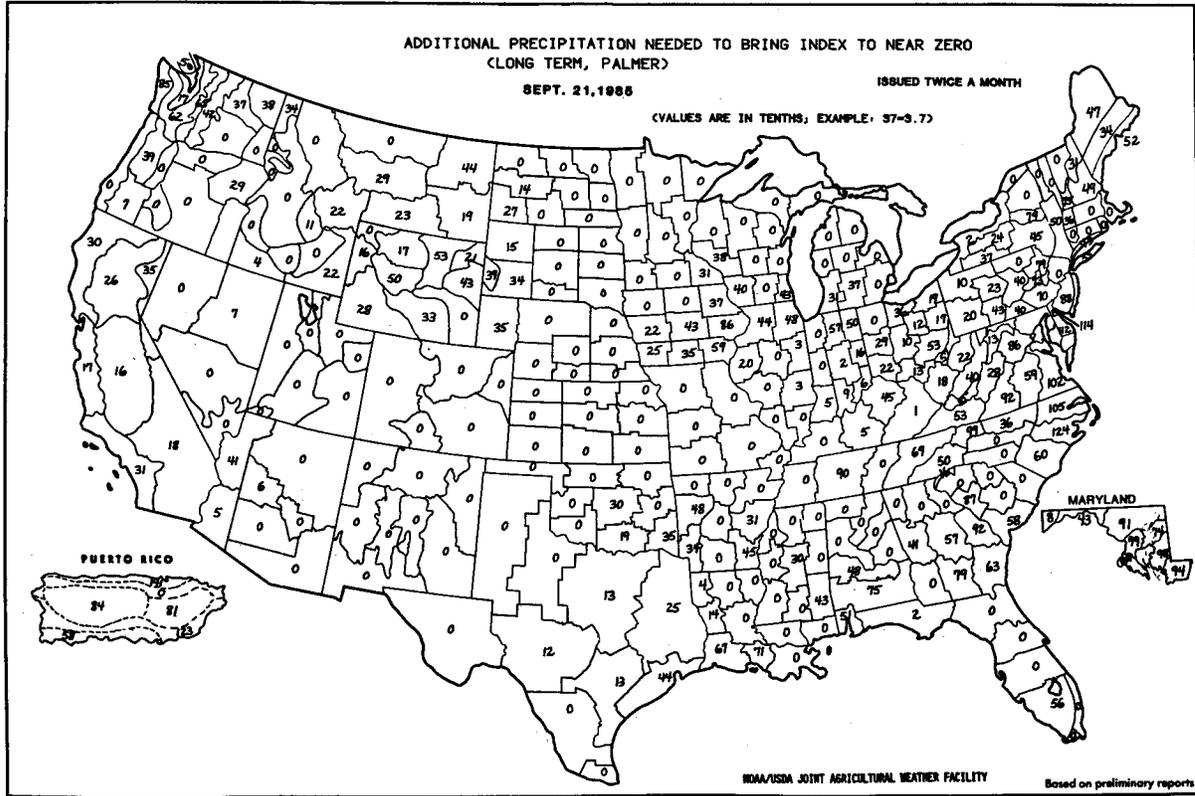












Weather Data for the Week Ending September 21, 1985

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					
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE		
AL BIRMINGHAM	82	58	86	52	70	-4	0	-1.1	0	.3	11	37.4	89	89	40	0	0	0	0		
MOBILE	85	63	88	54	74	-4	0	-1.6	0	4.3	87	44.7	87	40	0	0	0	0	0		
MONTGOMERY	86	58	90	50	72	-4	0	-1.2	0	.5	15	33.3	88	35	2	0	0	0	0		
AK ANCHORAGE	51	38	60	31	44	-3	0	.9	0	2.1	121	12.0	113	90	51	0	0	3	1		
BARROW	32	25	37	22	29	-1	0	.2	0	.4	86	2.7	75	98	78	0	0	7	4		
FAIRBANKS	46	34	53	31	40	-4	0	.4	0	2.1	260	9.2	115	94	56	0	0	4	4		
JUNEAU	52	42	55	32	47	-2	0	.8	0	2.0	48	23.0	71	96	60	0	0	1	6		
KODIAK	56	43	61	38	50	0	1.5	-.3	0	2.0	39	48.2	99	87	53	0	0	2	2		
NOME	43	31	46	21	37	-4	0	-.4	0	4.3	245	14.7	130	88	55	0	0	2	4		
AZ PHOENIX	93	70	102	62	81	-3	0	.6	0	1.6	339	4.5	92	62	21	4	0	1	1		
PRESCOTT	76	47	87	37	62	-3	0	.5	0	.5	40	10.1	71	76	29	0	0	1	0		
TUCSON	90	65	100	56	77	-3	0	.6	0	.3	72	9.3	112	65	23	3	0	3	1		
YUMA	94	67	105	61	81	-6	0	.5	0	.5	453	1.1	65	58	21	5	0	1	1		
AR FORT SMITH	87	63	90	61	75	2	0	0	0	1.0	45	31.5	107	84	40	2	0	0	0		
LITTLE ROCK	83	62	87	54	72	-1	0	-.8	0	7.4	272	34.1	99	86	50	0	0	1	0		
CA BAKERSFIELD	81	57	88	55	69	-8	0	0	0	.1	350	2.1	52	74	31	0	0	0	0		
EUREKA	63	51	66	48	57	0	0	-.2	0	1.0	191	13.2	57	93	73	0	0	1	0		
FRESNO	85	57	92	53	71	-3	0	-.1	0	0	614	3.8	53	73	26	1	0	0	0		
LOS ANGELES	73	61	78	59	67	-2	0	0	0	.3	173	3.8	44	77	47	0	0	0	0		
RED BLUFF	84	52	90	50	68	-7	0	-.1	0	1.1	404	6.6	49	74	21	1	0	0	0		
SACRAMENTO	83	54	90	53	69	-3	0	0	0	.2	261	4.9	45	88	28	1	0	2	0		
SAN DIEGO	75	63	79	60	69	-2	0	.1	0	.1	94	2.5	38	84	55	0	0	2	0		
SAN FRANCISCO	73	53	74	52	63	-1	0	.2	0	.1	225	7.1	56	91	51	0	0	0	0		
CO DENVER	78	51	85	42	64	3	0	-.2	0	1.2	136	12.6	100	69	22	0	0	3	0		
GRAND JUNCTION	72	51	83	44	62	-4	0	.8	0	1.6	324	8.0	140	85	32	0	0	4	1		
FUEBLO	82	50	90	41	66	1	0	.1	0	.2	29	11.1	122	82	21	1	0	1	0		
CT BRIDGEPORT	76	55	83	49	66	0	0	-.8	0	.4	17	26.3	89	83	46	0	0	0	0		
HARTFORD	79	47	87	39	63	0	0	-.9	0	2.0	69	25.4	80	89	38	0	0	0	0		
DC WASHINGTON	80	56	83	50	68	-3	0	-.7	0	2.3	99	22.5	77	90	40	0	0	0	0		
FL APALACHICOLA	84	65	86	59	75	-4	0	-.2	0	4.6	75	45.9	107	86	57	0	0	2	0		
DAYTONA BEACH	82	71	84	66	77	-3	0	3.3	0	2.0	8.2	36.4	98	92	65	0	0	6	3		
JACKSONVILLE	81	68	86	64	75	-4	0	7.1	0	5.3	2.9	282	42.7	100	93	67	0	0	5	4	
KEY WEST	85	75	88	69	80	-3	0	5.2	0	3.6	3.5	5.9	128	33.7	121	93	70	0	0	5	3
MIAMI	85	73	90	69	79	-3	0	5.2	0	3.3	2.4	8.1	143	45.7	105	93	61	1	0	6	3
ORLANDO	83	69	87	67	76	-5	0	2.5	0	1.2	2.2	5.2	126	40.1	101	95	63	0	0	4	1
TALLAHASSEE	85	66	88	61	76	-3	0	-.4	0	1.6	1.3	1.6	34	41.6	80	88	50	0	0	4	0
TAMPA	87	70	88	68	78	-3	0	-.9	0	1.6	1.5	8.1	170	36.8	95	92	55	0	0	4	0
WEST PALM BEACH	85	72	89	68	78	-3	0	5.2	0	3.0	1.9	6.4	100	40.0	92	95	64	0	0	6	4
CA ATLANTA	80	58	83	52	69	-3	0	0	0	1.7	13	35.4	94	70	36	0	0	1	0		
AUGUSTA	85	56	90	51	71	-3	0	-.8	0	.4	0	22.6	65	83	34	1	0	0	0	0	
MACON	84	57	89	51	70	-5	0	-.7	0	1.5	62	25.4	71	86	43	0	0	1	0		
SAVANNAH	83	64	86	57	74	-3	0	-.2	0	1.7	18	29.2	70	91	59	0	0	2	0		
HI HILO	82	71	84	68	77	1	3.3	1.8	1.3	5.0	108	91.3	103	96	68	0	0	6	3		
HONOLULU	91	76	93	74	84	3	0	-.1	0	1	2	41	8.6	59	79	49	4	0	2	0	
KAHULUI	88	69	91	65	79	0	0	-.1	0	1	0	6.4	46	88	52	2	0	0	0	0	
LIHUE	85	76	86	73	80	1	1.8	1.3	1.8	2.0	139	19.0	69	76	57	0	0	1	1		
ID BOISE	66	41	71	34	53	-9	0	.4	0	1.8	450	7.3	89	89	36	0	0	1	0		
LEWISTON	62	47	66	42	54	-8	0	.4	0	2	145	7.1	79	89	47	0	0	3	0		
POCATELLO	63	41	68	31	52	-6	0	-.1	0	1.4	338	7.7	99	81	31	0	1	2	0		
IL CHICAGO	78	54	87	40	66	2	0	-.8	0	1.2	50	24.8	95	85	46	0	0	1	0		
MOLINE	78	56	89	38	67	3	0	-.3	0	2	6	23.0	78	88	49	0	0	3	0		
PEORIA	80	56	88	44	68	3	0	-.5	0	1.6	63	27.5	100	90	49	0	0	3	0		
QUINCY	79	57	87	45	68	2	1.2	-.2	1.1	1.2	40	23.1	79	92	54	0	0	2	1		
ROCKFORD	76	54	86	42	65	3	0	-.3	0	3.1	116	25.1	88	92	52	0	0	2	0		
SPRINGFIELD	83	58	88	44	71	4	0	-.7	0	0	0	25.8	98	82	37	0	0	0	0		
IN EVANSVILLE	84	52	87	47	68	-1	0	-.6	0	1.5	83	24.3	93	93	41	0	0	0	0		
FORT WAYNE	79	51	83	42	65	1	0	-.6	0	.8	42	31.5	106	94	41	0	0	0	0		
INDIANAPOLIS	80	52	83	45	66	0	0	-.7	0	1.4	59	26.1	92	87	47	0	0	1	0		
SOUTH BEND	78	55	85	43	67	3	0	-.1	0	3	32	17.1	68	87	54	2	0	2	0		
IA DES MOINES	79	58	90	46	69	4	0	-.3	0	2	3.0	166	19.2	90	94	64	0	0	3	0	
STOUC CITY	73	57	87	48	65	1	0	-.3	0	1.5	60	20.2	75	86	52	2	0	2	0		
WATERLOO	78	58	90	40	68	7	0	-.2	0	1.4	65	20.8	92	88	64	1	0	2	1		
KS CONCORDIA	78	61	92	48	69	3	0	-.2	0	2.9	212	18.1	103	90	51	2	0	3	2		
DODGE CITY	79	59	92	45	69	1	1.4	1.0	0	1.1	9	19.2	137	88	34	2	0	1	0		
GOODLAND	80	53	93	41	67	4	0	-.3	0	2.0	4.9	33.4	126	89	62	0	0	4	2		
TOPEKA	78	61	88	50	69	1	3.6	2.8	2.0	4.9	200	23.8	105	99	65	0	0	2	1		
WICHITA	78	62	88	52	70	0	1.4	-.5	1.1	4.0	163	23.8	105	99	65	0	0	2	1		
KY BOWLING GREEN	82	51	87	47	67	-3	0	-.8	0	0	3	12	27.4	74	97	33	0	0	0	0	
LEXINGTON	81	51	84	43	66	-3	0	-.8	0	0	3	14	25.8	73	89	35	0	0	0	0	
LOUISVILLE	82	54	85	48	68	-1	0	-.8	0	0	0	26.6	81	92	37	0	0	0	0		
LA ALEXANDRIA	88	61	90	56	74	-3	0	-.6	0	3.7	210	39.9	99	89	47	2	0	0	0		
BATON ROUGE	86	64	89	60	75	-3	0	-.1	0	2.3	69	41.0	95	89	46	0	0	0	0		
LAKE CHARLES	87	65	90	61	76	-1	0	-.2	0	1.0	26	32.3	82	96	49	1	0	0	0		
NEW ORLEANS	84	68	86	66	76	-2	0	-.4	0	4.0	90	46.1	100	81	43	0	0	0	0		

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending September 21, 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	89	64	93	61	76	0	0	-1.8	0	1.5	65	31.0	95	92	38	3	0	0	0
ME CARIBOU	75	47	87	38	61	9	0	-1.8	0	1.0	41	20.7	79	91	39	0	0	0	0
PORTLAND	77	48	87	41	63	5	0	-1.8	0	1.3	56	19.5	66	90	45	0	0	0	0
MD BALTIMORE	80	50	86	43	65	-3	0	-1.8	0	T	0	22.5	72	88	36	0	0	0	0
SALISBURY	78	47	83	40	63	-5	0	-1.9	0	.5	16	24.4	73	99	43	0	0	0	0
MA BOSTON	78	57	88	50	68	4	0	-1.8	0	2.5	103	26.8	87	88	48	0	0	0	0
CHATHAM	73	57	76	50	65	3	0	-1.8	0	2.3	88	34.5	106	—	—	0	0	0	0
MI ALPENA	74	48	85	36	61	5	.4	-1.3	.3	2.7	124	24.7	113	97	56	0	0	2	0
DETROIT	75	52	83	42	64	1	T	-1.5	T	1.7	104	28.3	121	81	45	0	0	0	0
FLINT	74	52	83	41	63	3	.6	-1.1	.6	7.1	415	31.4	141	96	54	0	0	1	1
GRAND RAPIDS	75	55	83	43	65	4	.4	-1.3	.4	3.5	157	28.1	112	90	53	0	0	1	0
HOUGHTON LAKE	71	52	81	39	61	5	.8	-1.2	.8	5.2	259	25.4	123	92	57	0	0	1	1
LANSING	74	55	82	40	64	3	T	-1.6	T	1.0	54	24.0	108	89	55	0	0	1	0
MARQUETTE	71	50	84	39	61	8	T	-1.9	T	3.0	110	33.7	123	92	55	0	0	1	0
MUSKEGON	73	56	80	41	64	4	T	-1.5	.1	2.0	96	26.3	117	88	55	0	0	3	0
SAULT STE. MARIE	71	51	84	37	61	7	T	-1.9	T	1.8	63	27.8	117	94	62	0	0	1	0
MN ALEXANDRIA	70	51	84	35	60	4	.9	-1.4	.7	3.6	214	20.8	103	95	63	0	0	4	1
DULUTH	68	50	82	31	59	6	4	-1.3	.4	3.5	148	24.6	104	96	63	0	1	4	0
INT'L FALLS	66	46	78	31	56	4	2.1	1.3	1.3	2.5	110	25.8	132	99	63	0	1	4	2
MINNEAPOLIS	73	54	88	41	64	4	.9	-1.3	.5	2.2	119	23.0	106	84	52	0	0	3	0
ROCHESTER	72	55	85	44	63	5	.9	-1.2	.6	3.2	140	19.3	84	93	60	0	0	4	1
MS GREENWOOD	85	62	90	58	74	-2	0	-1.8	0	1.7	71	24.1	61	80	38	1	0	0	0
JACKSON	87	58	90	56	72	-4	0	-1.8	0	1.3	52	33.5	84	92	35	1	0	0	0
MERIDIAN	86	57	89	54	72	-4	0	-1.9	0	T	2	34.2	84	94	36	0	0	0	0
MO CAPE GIRARDEAU	83	57	87	50	70	—	0	-1.9	0	1.1	39	35.5	105	95	44	0	0	0	0
COLUMBIA	82	60	88	52	71	3	T	-1.8	T	.2	6	37.3	135	91	52	0	0	2	0
KANSAS CITY	78	60	88	48	69	1	2.4	1.5	1.3	4.6	157	35.4	127	86	62	0	0	3	2
SAINT LOUIS	85	62	89	54	73	4	0	-1.6	0	T	0	34.7	133	82	40	0	0	0	0
SPRINGFIELD	83	61	88	55	72	3	0	-1.1	0	.1	3	34.6	117	86	47	0	0	0	0
MT BILLINGS	65	45	77	38	55	-3	.7	-1.4	.6	1.2	132	9.6	81	78	38	0	0	2	1
GLASGOW	62	43	71	30	52	-4	-1	-1.2	.0	.7	101	10.8	107	83	46	0	1	3	0
GREAT FALLS	58	40	63	33	49	-8	-5	-1.2	.3	2.7	361	13.8	110	93	51	0	0	4	0
HAVRE	58	40	65	31	49	-7	.6	-1.4	.5	2.4	363	8.6	91	89	50	0	1	3	1
HELENA	60	40	65	32	50	-5	.3	-1.1	.1	1.7	264	6.8	72	87	39	0	1	4	0
KALISPELL	53	39	60	35	46	-7	1.6	1.3	.8	4.0	473	11.4	97	93	61	0	0	6	1
MILES CITY	68	45	82	39	57	-2	1.2	1.0	1.0	1.2	152	10.3	89	82	39	0	0	2	1
MISSOULA	57	40	60	30	49	-6	.4	-1.2	.2	3.5	460	10.6	105	97	55	0	1	5	0
NE GRAND ISLAND	75	57	92	47	66	3	.3	-1.3	.2	4.8	256	24.9	124	94	61	1	0	3	0
LINCOLN	75	57	90	49	66	2	.9	-1.2	.5	2.9	134	27.0	118	93	64	1	0	3	1
NORFOLK	74	56	89	46	65	3	.3	-1.2	.2	3.5	226	22.3	109	93	61	0	0	2	0
NORTH PLATTE	77	51	93	43	64	3	.5	-1.1	.4	2.7	223	15.8	92	82	38	2	0	2	0
OMAHA	73	57	88	48	65	2	.5	-1.3	.2	1.1	44	17.3	69	89	68	0	0	3	0
SCOTTSBLUFF	81	45	91	36	63	2	-1	-1.2	.1	.7	99	6.7	54	89	22	2	0	2	0
VALENTINE	77	48	95	30	63	2	T	-1.3	T	1.4	126	11.9	78	84	37	3	1	0	0
NV ELY	67	34	76	27	51	-6	.5	-1.3	.5	1.5	296	6.1	88	85	27	0	3	1	0
LAS VEGAS	85	62	96	53	73	-6	-1	0	.1	.1	35	.8	26	50	16	3	0	1	0
RENO	71	36	81	31	54	-6	-2	.2	.2	.6	305	2.7	51	85	22	0	2	2	0
WINNEMUCCA	70	35	77	26	53	-6	T	-1.1	T	.5	236	3.5	63	74	17	0	2	0	0
NH CONCORD	79	45	88	33	62	4	0	-1.7	0	2.6	118	20.0	79	99	42	0	0	0	0
NJ ATLANTIC CITY	80	50	86	44	65	-1	0	-1.6	0	.2	8	22.2	72	97	39	0	0	0	0
NM ALBUQUERQUE	75	53	84	46	64	-4	1.3	1.1	.4	1.5	241	8.2	134	95	45	0	0	5	1
CLOVIS	76	57	87	48	67	-2	2.1	1.7	1.1	2.8	210	22.7	167	95	56	0	0	5	1
ROSWELL	82	61	89	52	71	0	1.5	1.1	.8	1.7	137	11.2	145	96	47	0	0	0	0
NY ALBANY	78	48	86	39	63	2	0	-1.8	0	1.3	56	19.1	74	100	47	0	0	0	0
BINGHAMTON	74	49	82	39	61	2	0	-1.8	0	.9	37	20.4	76	93	45	0	0	0	0
BUFFALO	74	53	80	43	64	2	T	-1.8	T	1.0	41	27.4	103	89	47	0	0	0	0
NEW YORK	80	60	88	53	70	3	0	-1.8	0	1.0	40	24.9	80	81	40	0	C	0	0
ROCHESTER	77	51	84	41	64	2	T	-1.6	T	1.6	81	18.3	80	95	43	0	0	0	0
SYRACUSE	77	50	86	43	63	2	0	-1.8	0	1.9	78	20.0	70	96	46	0	0	0	0
NC ASHEVILLE	75	42	79	36	59	-8	0	-1.9	0	.7	25	26.6	73	100	42	0	0	0	0
CHARLOTTE	79	52	82	46	66	-6	0	-1.8	0	.7	28	34.6	104	89	38	0	0	0	0
GREENSBORO	76	48	80	41	62	-7	0	-1.8	0	0	0	25.5	79	93	40	0	0	0	0
HATTERAS	79	66	83	63	73	-1	T	-1.3	T	.6	15	31.8	80	90	56	0	0	1	0
NEW BERN	82	61	86	55	72	-2	0	-1.4	0	.2	5	30.0	72	94	42	0	0	0	0
RALEIGH	78	52	81	44	65	-6	T	-1.7	T	T	1	27.8	87	87	38	0	0	0	0
WILMINGTON	83	60	85	52	72	-3	0	-1.3	0	.8	18	31.4	74	91	44	0	0	0	0
ND BISMARCK	69	45	80	37	57	1	.5	-1.2	.5	1.3	123	15.2	115	91	44	0	0	1	0
FARGO	66	49	78	36	57	1	.4	-1.1	.3	1.4	103	16.4	100	93	57	0	0	3	0
GRAND FORKS	66	46	80	33	56	1	.3	-1.2	.3	.9	58	13.8	91	93	54	0	0	2	1
WILLISTON	61	43	73	34	52	-3	.6	-1.3	.6	1.0	103	9.5	81	91	52	0	0	2	1
OH AKRON-CANTON	78	52	84	45	65	2	0	-1.7	0	.1	2	24.5	89	92	37	0	0	0	0
CINCINNATI	81	50	85	35	65	-2	0	-1.7	0	0	0	28.5	93	87	31	0	0	0	0
CLEVELAND	76	51	81	40	63	0	0	-1.7	0	1.4	65	25.7	97	90	46	0	0	0	0
COLUMBUS	80	50	84	42	65	0	0	-1.6	0	T	0	23.0	79	86	34	0	0	0	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

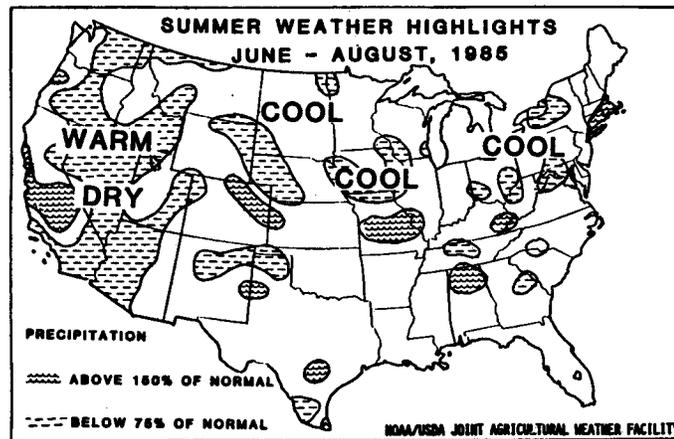
Weather Data for the Week Ending September 21, 1985

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 °F		PRECIPITATION		
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
DAYTON	80	51	84	42	66	-1	0	-0.6	0	T	1	22.1	82	76	31	0	0	0	0	
TOLEDO	78	49	85	39	63	1	0	-0.6	0	1.3	72	26.5	110	94	44	0	0	0	0	
YOUNGSTOWN	78	49	83	39	63	1	0	-0.7	0	1.4	61	25.9	92	95	40	0	0	0	0	
OK OKLAHOMA CITY	81	64	87	55	73	0	0	-0.2	0	2.2	94	32.6	134	90	56	0	0	2	1	
TULSA	84	68	90	62	76	3	0	-1.0	0	1.2	40	35.3	119	81	49	1	0	0	0	
OR ASTORIA	62	46	64	40	54	-4	0	-0.4	0	3.2	163	24.8	61	99	73	0	0	2	2	
BURNS	63	32	70	26	47	-11	T	-0.4	T	1.1	252	4.6	92	92	1	0	5	1		
MEDFORD	74	45	82	40	59	-5	0	-0.1	0	1.5	328	6.3	55	93	31	0	0	1	1	
PENDLETON	65	47	69	42	56	-7	0	-0.2	0	2.1	528	7.1	90	78	40	0	0	2	2	
PORTLAND	67	50	74	45	58	-4	0	-0.3	0	2.7	261	13.6	61	93	54	0	0	3	3	
SALEM	69	45	74	39	57	-5	0	-0.3	0	1.0	101	12.9	55	96	49	0	0	3	3	
PA ALLENTOWN	78	48	84	40	63	-1	0	-0.9	0	0.8	26	27.4	84	95	42	0	0	2	2	
ERIE	76	56	82	44	66	4	0	-0.9	0	1.4	51	26.3	94	81	47	0	0	0	0	
HARRISBURG	81	55	86	41	68	2	0	-0.8	0	1.0	39	22.6	78	90	40	0	0	0	0	
PHILADELPHIA	78	53	83	39	65	-2	0	-0.8	0	1.1	44	21.9	71	89	42	0	0	0	0	
PITTSBURGH	78	49	84	41	64	0	0	-0.6	0	T	1	22.6	80	84	36	0	0	0	0	
SCRANTON	76	49	83	38	62	0	0	-0.8	0	1.1	47	25.2	98	95	45	0	0	0	0	
RI PROVIDENCE	78	53	86	45	65	3	0	-0.8	0	1.1	42	30.9	97	94	43	0	0	0	0	
SC CHARLESTON	81	64	84	58	73	-3	0	-0.9	0	1.3	35	37.9	90	92	49	0	0	1	1	
COLUMBIA	83	51	88	46	67	-7	0	-1.0	0	T	0	32.5	82	99	34	0	0	0	0	
FLORENCE	82	57	86	51	70	-5	0	-0.9	0	1.2	42	24.9	71	89	42	0	0	0	0	
GREENVILLE	79	50	82	45	65	-7	0	-1.1	0	1.5	50	31.4	81	93	39	0	0	0	0	
SD ABERDEEN	71	50	80	34	61	2	0	-0.3	0	2.7	244	15.0	98	97	63	0	0	1	1	
HURON	74	53	85	36	64	4	0	-0.1	0	3.3	333	20.8	132	94	61	0	0	1	1	
RAPID CITY	78	45	89	32	61	1	0	-0.2	0	1.2	159	9.3	65	88	30	0	0	1	1	
SIOUX FALLS	71	54	83	38	63	3	0	-0.4	0	2.4	117	23.0	114	93	66	0	0	4	4	
TN CHATTANOOGA	80	50	83	46	65	-7	0	-1.1	0	0.5	16	28.5	73	96	38	0	0	0	0	
KNOXVILLE	82	46	85	41	64	-7	0	-0.7	0	0.2	7	25.4	72	98	33	0	0	0	0	
MEMPHIS	84	63	88	56	74	0	0	-0.9	0	1.7	63	34.8	89	80	40	0	0	0	0	
NASHVILLE	84	54	87	49	69	-3	0	-0.9	0	0.4	16	22.4	61	92	34	0	0	0	0	
TX ABILENE	84	68	87	60	76	0	0	-0.1	0	0.3	13	17.2	96	89	52	0	0	2	2	
AMARILLO	77	60	91	47	69	0	0	1.8	1.4	0.8	4.0	318	17.7	109	87	56	1	4	1	
AUSTIN	89	69	92	67	79	0	0	-0.9	0	2.5	102	19.4	85	94	47	3	0	0	0	
BEAUMONT	88	70	89	64	79	0	0	-1.5	0	5.6	125	49.2	127	97	54	0	0	0	0	
BROWNSVILLE	87	73	89	69	80	-1	0	0.5	0.9	3.1	85	24.5	138	98	68	0	0	5	2	
CORPUS CHRISTI	87	74	90	70	80	-1	0	2.0	0.9	2.3	52	24.0	108	94	59	1	0	4	2	
DEL RIO	88	71	91	70	80	0	0	-0.1	0.1	0.8	42	13.7	108	89	46	2	0	1	0	
EL PASO	85	62	90	56	74	0	0	0.8	0.5	1.3	121	6.0	100	94	34	1	0	5	0	
FORT WORTH	87	69	92	64	78	0	0	-0.8	0.4	1.9	82	21.6	96	83	46	3	0	1	0	
GALVESTON	84	77	86	74	81	1	0	-1.3	0.2	1.9	45	32.0	109	73	52	0	0	1	0	
HOUSTON	91	70	92	67	80	2	0	-1.2	0	0.4	13	29.7	91	93	44	6	0	0	0	
LUBBOCK	77	62	91	52	69	-1	0	3.5	3.0	1.9	3.7	253	18.1	127	96	66	1	4	2	
MIDLAND	82	66	89	63	74	1	0	0.5	0.3	2.5	174	9.7	92	93	58	0	0	3	0	
SAN ANGELO	85	69	88	64	77	1	0	-0.8	0	1.2	54	14.1	104	88	51	0	0	0	0	
SAN ANTONIO	87	70	89	65	78	0	0	-0.3	0.7	2.0	74	29.4	137	91	51	0	0	1	1	
VICTORIA	89	71	92	68	80	0	0	-0.9	0.6	1.5	33	32.1	117	96	53	3	0	3	1	
WACO	87	67	92	62	77	-2	0	-0.8	0	3.1	141	20.3	89	95	49	2	0	0	0	
WICHITA FALLS	84	66	91	59	75	0	0	-0.7	0.1	0.2	8	24.4	120	83	51	3	0	2	0	
UT BLANDING	69	47	78	43	58	-4	0	2.1	1.9	1.0	3.2	535	12.0	156	93	48	0	0	3	3
CEDAR CITY	72	42	82	35	57	-6	0	0.6	0.4	0.7	111	7.2	95	68	25	0	0	1	1	
SALT LAKE CITY	70	50	85	43	60	-4	0	0.9	0.7	0.5	2.0	319	11.4	101	82	34	0	0	2	0
VT BURLINGTON	75	48	84	41	61	3	0	-0.7	0	1.6	69	23.0	93	90	45	0	0	0	0	
VA NORFOLK	77	56	83	51	67	-5	0	-1.0	0	T	0	28.0	81	88	45	0	0	0	0	
RICHMOND	80	50	85	44	65	-5	0	-0.8	0	T	0	31.6	97	77	37	0	0	0	0	
ROANOKE	80	49	82	42	64	0	0	-0.7	0	1.3	57	32.8	112	92	37	0	0	0	0	
WA COLVILLE	60	45	64	35	52	-5	0	0.6	0.4	0.3	2.4	400	9.5	82	90	63	0	0	4	0
QUILLAYUTE	62	45	65	39	53	-3	0	1.0	0.9	0.9	4.9	150	34.0	55	99	67	0	0	3	1
SEATTLE-TACOMA	62	49	64	46	56	-4	0	0.6	0.1	0.4	2.0	149	13.4	59	94	58	0	0	2	0
SPOKANE	58	43	63	38	50	-8	0	0.7	0.4	1.6	335	6.9	63	96	50	0	0	5	0	
YAKIMA	70	40	74	36	55	-5	0	-0.1	0.1	0.8	350	3.2	62	83	36	0	0	0	0	
WV BECKLEY	75	46	79	39	61	-2	0	-0.8	0	0.1	3	26.1	80	90	37	0	0	0	0	
CHARLESTON	84	49	89	40	66	-1	0	-0.7	0	0.3	14	25.8	79	88	28	0	0	0	0	
HUNTINGTON	80	49	84	43	65	-3	0	-0.7	0	T	2	29.7	94	97	35	0	0	0	0	
PARKERSBURG	81	49	85	41	65	-2	0	-0.6	0	T	1	20.3	62	99	29	0	0	0	0	
WI GREEN BAY	73	55	84	44	64	6	0	0.9	0.1	0.5	2.1	91	27.4	125	89	55	0	0	2	1
LA CROSSE	77	58	90	45	68	7	0	-0.5	0.2	2.4	96	19.6	79	87	54	1	0	2	0	
MADISON	73	54	84	37	64	4	0	1.2	0.9	3.4	153	25.2	103	91	56	0	0	3	1	
MILWAUKEE	75	56	85	45	66	5	0	0.4	0.3	3.1	150	21.8	91	94	56	0	0	2	0	
WAUSAU	72	53	85	38	63	6	0	0.3	0.6	1.9	65	22.1	87	92	56	0	0	3	0	
WY CASPER	71	43	82	25	57	-1	0	-0.2	0	0.1	0.5	106	8.0	88	76	26	0	2	4	0
CHEYENNE	72	43	80	34	57	0	0	-0.2	0.2	1.3	165	16.7	145	83	22	0	0	1	0	
LANDER	66	44	80	34	55	-2	0	0.6	0.4	0.5	0.9	171	6.5	63	72	30	0	0	2	1
SHERIDAN	68	39	82	24	54	-3	0	0.7	0.5	0.7	0.8	99	8.0	67	79	33	0	2	2	1
PR SAN JUAN	90	76	92	74	83	1	0	-0.3	-1.1	0.2	3.9	25.2	69	93	56	5	0	2	2	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

## SUMMER WEATHER REVIEW

JUNE - AUGUST 1985



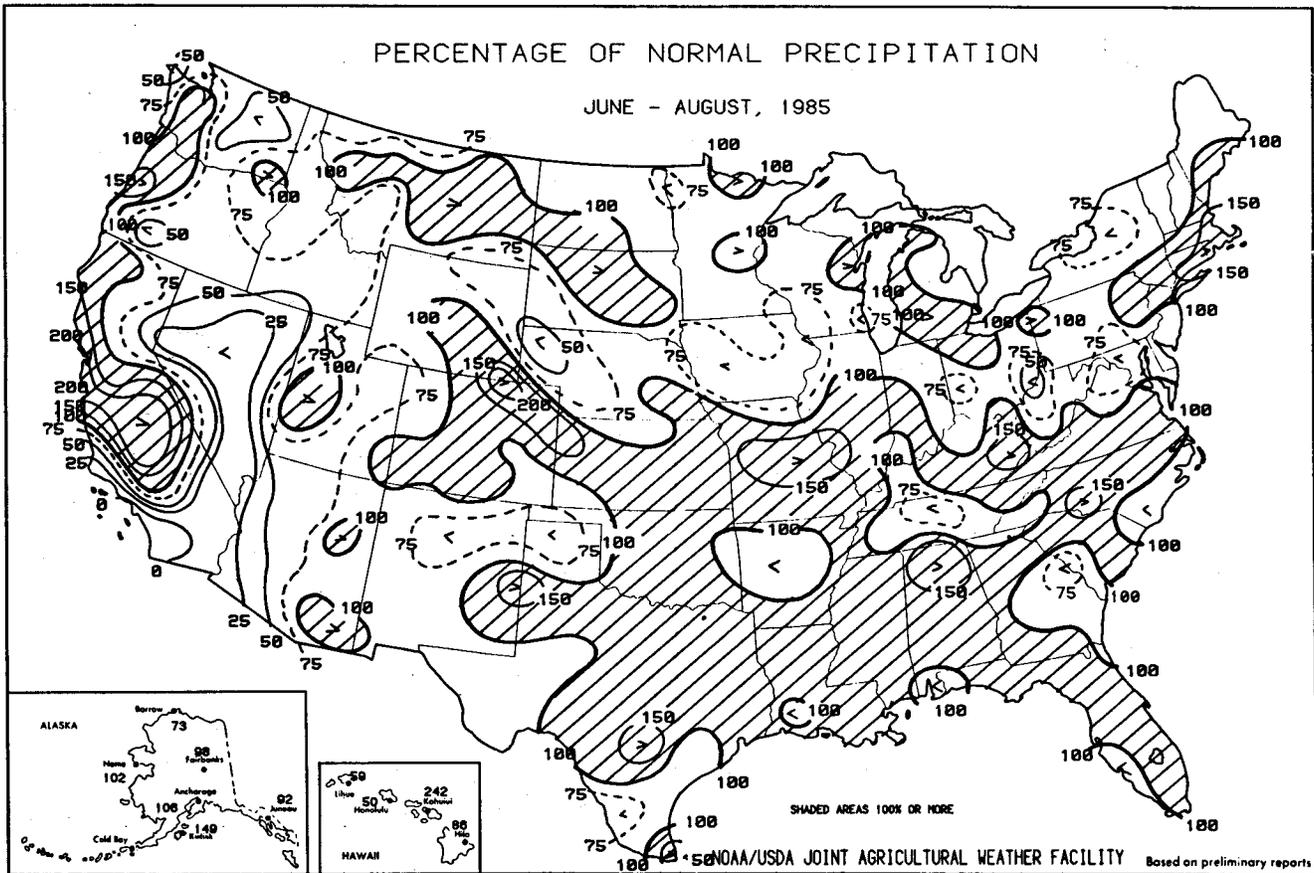
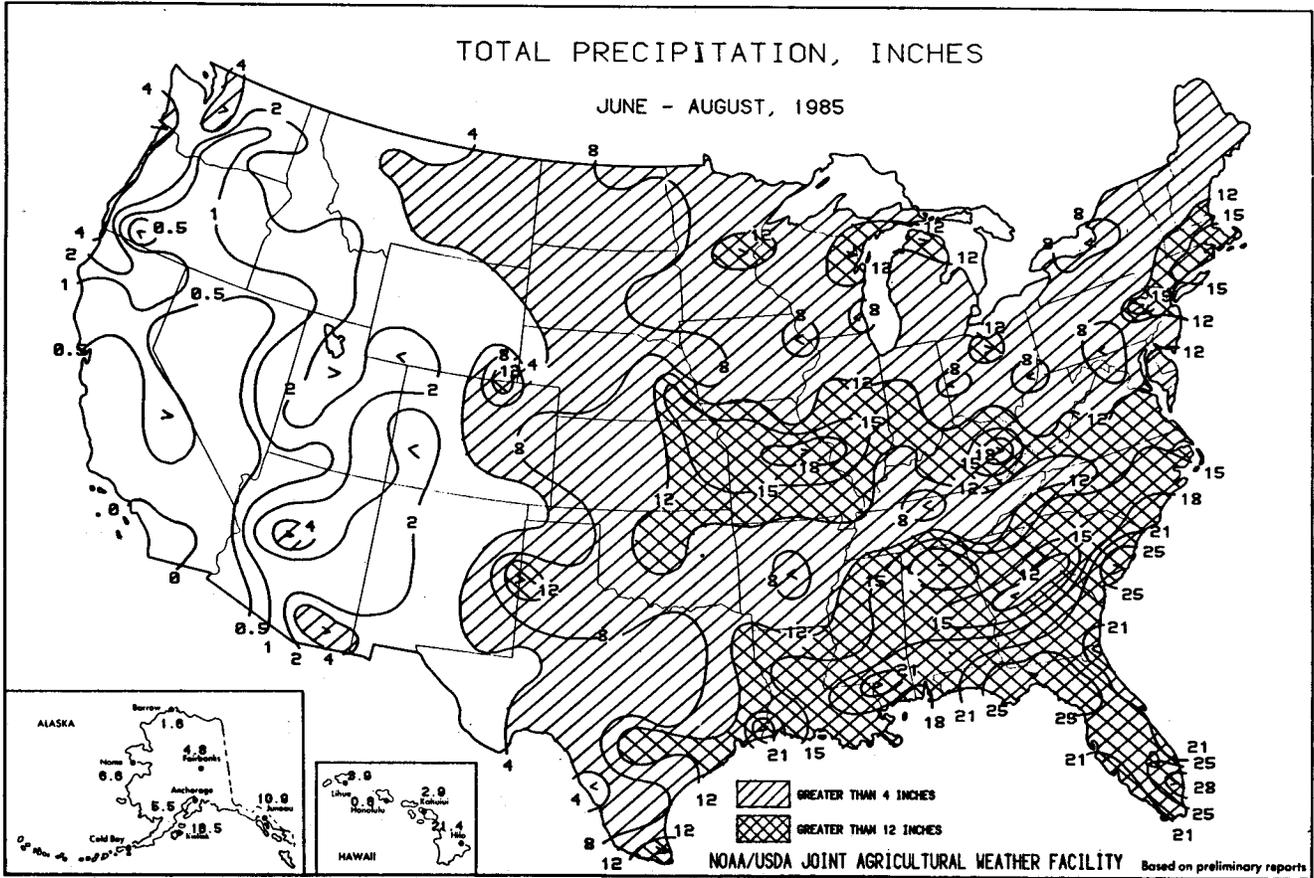
**HIGHLIGHTS:** The season was generally cooler than normal in the eastern two thirds of the Nation. After a warm Spring in which crops got off to a good start and development was ahead of normal, the weather turned cool and slowed crop progress to levels behind normal. The cooler weather along with adequate rain over the Corn Belt was good for the propagation of Corn and soybeans, and by the end of the season most crops were in good condition although a little late. Tropical moisture caused showers and thunderstorms in the West, especially in the latter part of the season, but precipitation was generally less than normal. Periodic rain began in Montana late in the season. The rain was too late for this year's crops but helped replenish water supplies. Parts of the Ohio Valley and the mid-Atlantic States had well below normal rain. Three hurricanes effected the Nation. Hurricane Bob crossed southern Florida from the Gulf of Mexico and briefly became a hurricane before making landfall in South Carolina. Hurricane Danny formed in the Gulf and triggered torrential rain in parts of the Delta and, as the season ended Hurricane Elena was causing heavy rain, high wind, and a few tornadoes along Florida's upper gulf coast.

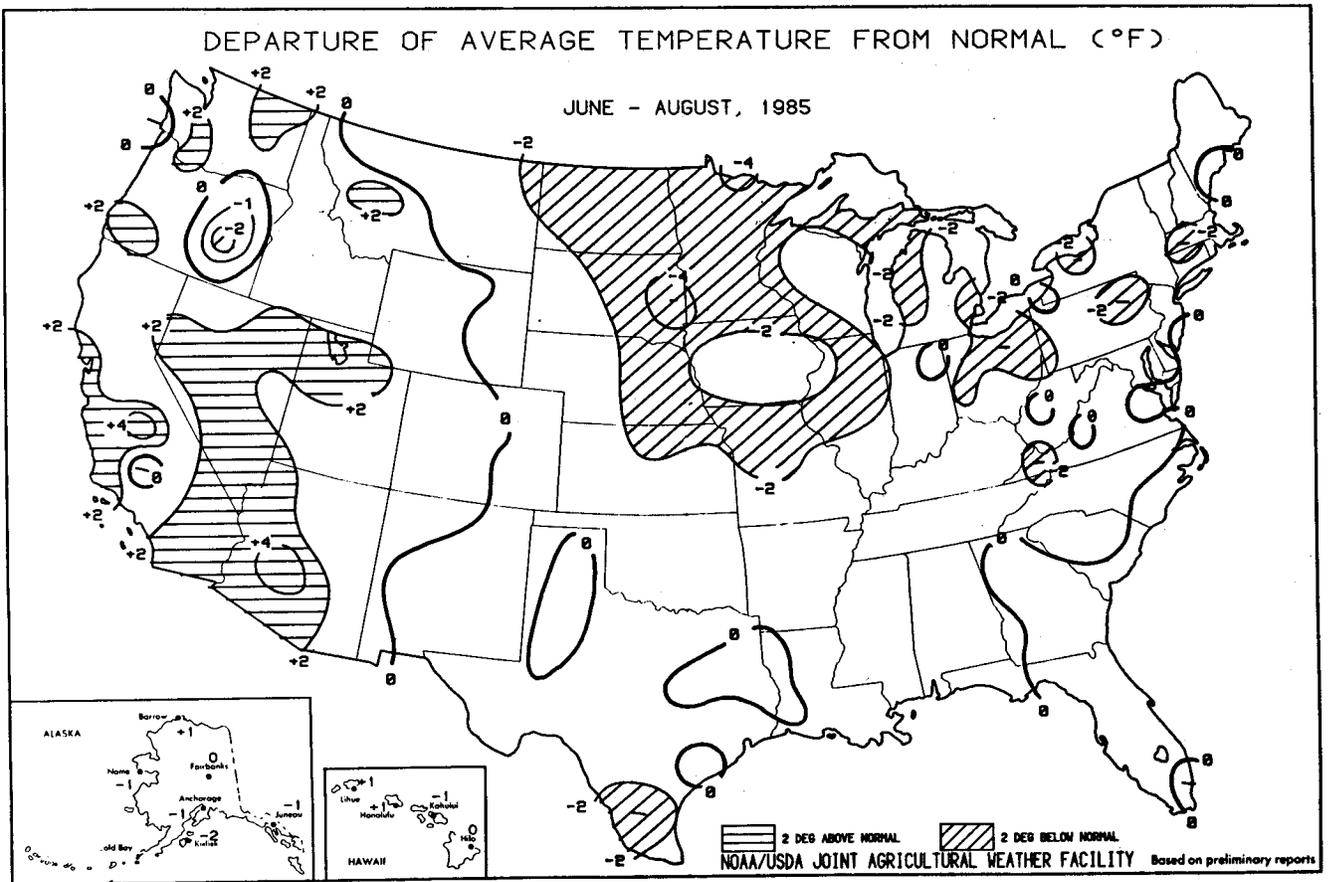
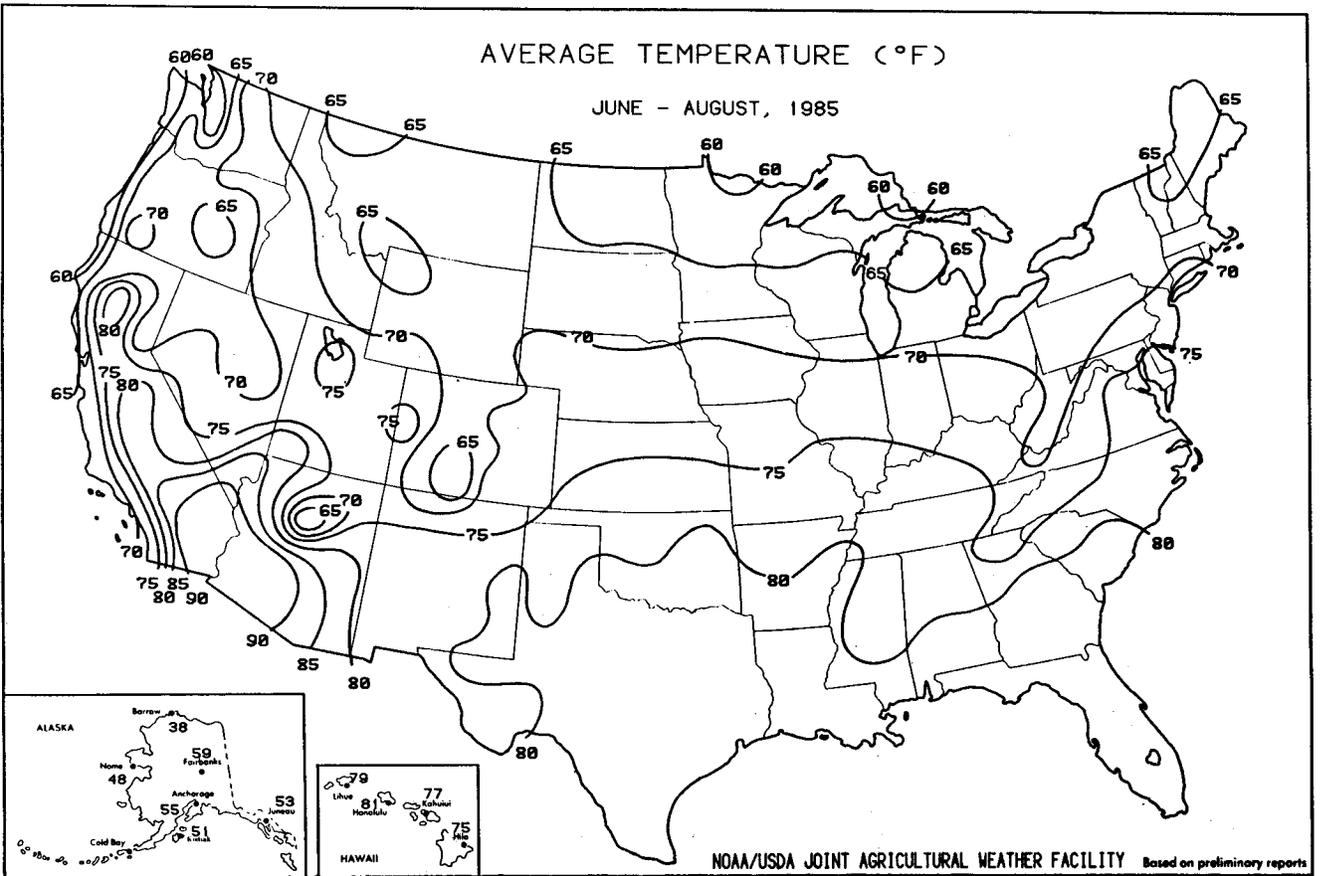
**JUNE...**Thunderstorms rumbled through the Plains and the Southeast almost daily and less frequently through the rest of the East. Early in the month light rain fell in central California and Nevada while heavy snow covered the Sierras. Very beneficial moderate rain covered much of the Northwest early in the month, but the month ended with less than normal rain for that area. Normal or better rain accumulated in most of the southern Plains, the lower Missouri Valley, and parts of the East Coast States. However, many areas in the East and Southeast need more rain. Most of the northern Plains and Great Lakes region had less than normal rain, but the upper Mississippi Valley and western Lakes region received adequate

amounts. Hot weather dominated the West and many warm days kept temperatures in the Southeast normal or slightly above. Most of the Plains and the Northeast was cooler than normal.

**JULY...**Showers and thunderstorms covered nearly all of the Nation. Tropical moisture moved into the Southwest and spread over most of the West triggering widespread showers. Late in the month, beneficial rain moved over the Northwest through Montana. The Corn Belt had a little less than normal rain fall but it was adequate for propagation of corn and soybeans and temperatures were reasonably cool. Some isolated areas were short of moisture. Rain was adequate in all of the East Coast States, but parts of the mid-Atlantic States got very dry before the rains came. After midmonth, Tropical Storm Bob crossed southern Florida from the Gulf of Mexico and then briefly became a hurricane before making landfall in South Carolina. The storm weakened rapidly as it moved northward spreading heavy rain to southern New England.

**AUGUST...**Rain fell in the very dry areas of Montana early in the month. The rain was generally too late for this year's crops, but the replenished soil moisture will help fall planting. Thunderstorms triggered rain in most of the Nation, but some areas remained too dry. An area from eastern Kentucky and southern Ohio into New England needed rain badly. Much of Texas was also dry. Temperatures were cooler than normal in the Northwest, the northern Rockies and Plains, and through most of the Corn Belt. Cool weather slowed crop development. Early in the month, Hurricane Danny formed in the Gulf of Mexico and triggered torrential rain in parts of the Mississippi Delta and then through the lower Appalachians. As the month ended, Hurricane Elena formed in the Gulf and lashed the upper coast of the Florida peninsula with gale winds, heavy rain, and a few tornadoes.





## National Agricultural Summary

September 16 to 22, 1985

**HIGHLIGHTS:** Above normal temperatures in most of the Midwest helped crops develop at near normal levels, but crop progress in the upper Midwest was still behind normal from previous cool, wet weather. Temperatures over the rest of the Nation were generally below normal, except in the Northeast. Fieldwork averaged about 5 days in the Midwest and 6 days in the South and East. Soil moisture was short to mostly adequate with mostly short supplies reported along the east coast and southern States. Spring wheat harvest lagged behind normal. Winter wheat was at 29 percent (%) seeded, 2 points above last year but 1 point below the average. Corn was mostly good but crop development was slightly behind normal. Corn was 8% harvested compared to the 9% 5-year average. Soybean development was 1 point behind the average. The crop was fair to mostly good. Cotton bolls were open on 63% of the acreage, compared to 55% last year and the 59% average. The crop was in fair to mostly good condition. Cotton was 13% harvested, 6 points better than last year and 3 points better than the average. Sorghum was fair to mostly good. Harvest was 27% complete compared to 29% last year and the average. Rice was 56% harvested compared to 50% in 1984 and 48% average. Peanuts were mostly good with digging ahead of normal. Flue-cured tobacco harvest was behind normal in North Carolina and Virginia. Burley tobacco harvest was ahead of normal in all States. Pastures were mostly fair to good.

**SMALL GRAINS:** Spring wheat was 91% harvested compared to 99% last year and the 97% average. Harvest activities were limited to about 3 days with harvest progressing 2 to 6 percentage points from last week in most States. Minnesota, North Dakota, and South Dakota were behind both last year and the average in harvest progress. Winter wheat was 29% seeded compared with 27% in 1984 and the 30% average. Colorado, Kansas, Montana, Ohio, and Washington were the only States where plantings were ahead of normal. Nebraska and South Dakota lagged 15 and 13 percentage points behind the average, respectively.

**CORN:** Corn was mostly good throughout the Corn Belt and Great Plains. Corn was at least 90% dented in all States except Pennsylvania, South Dakota, and Wisconsin. Corn was mature on 63% of the acreage, compared to 63% last year and the 65% average. Harvesting was underway in all States except Minnesota, South Dakota, and Wisconsin. Corn was 8% harvested, equalling to 1984 but 1 percentage point behind the average.

**SOYBEANS:** Soybeans dropped leaves on 42% of the acreage, 4 points behind 1984 and 5 points lower than the average. Harvest became more widespread totaling 3%, 1 percentage point below last year and the average. The soybean crop is mostly good in the Midwest and fair to good along the Atlantic Coast.

**COTTON:** Cotton was fair to mostly good as the crop continued developing ahead of normal. Bolls were opening on 63% of the acreage compared with 55% last year and the 59% average. Only 5 of the 14 cotton producing States were behind normal in bolls opening. Harvest was 13% complete, 6 percentage points above last year and 3 points better than the average. Louisiana and Mississippi were well ahead of the normal harvest progress at 28% and 20% complete, respectively.

**SORGHUM:** Sorghum was fair to mostly good across the Nation. The crop was ahead of normal coloring in all States except South Dakota where cool, wet weather delayed crop progress considerably. Sorghum was 45 percent mature compared with 49% last year and the 48% average. Only the Texas and Missouri crop was maturing faster than normal. Harvest was complete on 27% of the acreage, 2 percentage points below a year ago and the average.

**OTHER CROPS:** Rice was 56% harvested, compared with 50% in 1984 and the 48% average. Harvest in Mississippi was 75% complete, 36 percentage points ahead of normal. Arkansas was 22 points ahead of their average harvest progress but California, Louisiana, and Texas were behind in harvest activities.

Peanuts were mostly good condition. Peanut harvest was generally ahead of the average in most areas. Virginia peanuts were 18% dug compared with 12% in 1984 and 9% normally. Alabama had 61% dug compared with 50% last year and the 34% average.

Flue-cured tobacco harvest was behind normal in Virginia and North Carolina. Burley tobacco harvest was generally ahead of the average in all areas. North Carolina was 87% harvested compared with 84% last year and an average of 72%. Virginia's burley harvest is 2 percentage points ahead of normal, and Kentucky's harvest is 10 percentage points ahead of the average.

**VEGETABLES:** In California, lettuce harvest was active along the central coast. Lettuce in the San Joaquin Valley was good, but rain damaged new plantings in the Imperial Valley. Moderate supplies of broccoli and carrots were reported with artichoke and cauliflower harvests being light. Bell pepper harvest increased along the central coast, while market tomato harvest was also active. In Texas, planting of fall vegetables in the Rio Grande Valley was active. Heavy irrigation was necessary for tomatoes, peppers, cabbage, and carrots with most vegetables making good progress. Light to heavy rains in Florida caused some seedbed washing and leaching of fertilizer. Some replanting will be necessary as seeding and transplanting continued increasing. Potato harvest continued progressing at a good pace.

**FRUIT AND NUTS:** California's stone fruit harvest was nearing completion but apple, Coachella Valley date, grape, grapefruit, desert lemon, Valencia orange, almond, pistachio, and walnut harvests were active. In the Northwest, winter pear harvest continued along with picking apples. Filbert harvest was just starting in Oregon. Small amounts of citrus were harvested in Texas, and some honeydew melons were being harvested in the High Plains. In Florida, grapefruit harvest was increasing and a few Navel groves and K-citrus were picked. Citrus areas received heavy rains and some growers pumped-out excessive water. Cranberry harvest was at various stages across the Nation. Apples were picked in the northern producing areas.

**PASTURES AND LIVESTOCK:** Pastures were variable but generally fair to good as livestock continue to move off summer pastures. Livestock were fair to mostly good.

**CROP PROGRESS**

WEEK ENDING SEPT 22, 1985

SOYBEANS % HARVESTED				SOYBEANS % DROPPING LEAVES				COTTON % BOLLS OPENING				COTTON % HARVESTED			
	1985	1984	AVG.		1985	1984	AVG.		1985	1984	AVG.		1985	1984	AVG.
ALA	2	1	3	ALA	20	21	23	ALA	87	56	61	ALA	10	3	6
ARK	1	0	1	ARK	12	8	17	ARIZ	90	90	80	ARIZ	0	0	0
GA	2	1	1	GA	25	32	29	ARK	83	70	78	ARK	16	5	9
ILL	7	10	10	ILL	64	60	61	CALIF	95	98	81	CALIF	0	0	0
IND	7	3	7	IND	60	65	60	GA	72	58	73	GA	7	5	16
IOWA	3	7	5	IOWA	66	71	62	LA	92	66	75	LA	28	6	9
KANS	2	5	2	KANS	45	55	40	MISS	84	82	89	MISS	20	2	7
KY	2	1	2	KY	28	28	31	MO	56	98	89	MO	0	4	14
LA	4	3	4	LA	25	26	29	N MEX	55	85	71	N MEX	0	0	0
MICH	0	1	1	MICH	60	70	64	N C	95	88	89	N C	3	0	9
MINN	0	5	2	MINN	44	87	73	OKLA	60	20	25	OKLA	2	1	0
MISS	2	0	4	MISS	25	11	38	S C	88	64	78	S C	11	2	8
MO	2	4	4	MO	26	36	34	TENN	90	60	65	TENN	5	0	8
NEBR	1	1	2	NEBR	30	25	40	TEX	39	33	41	TEX	17	13	15
N C	2	0	0	N C	9	5	6								
OHIO	5	5	0	OHIO	55	45	60	14 STATES	63	55	59	14 STATES	13	7	10
S C	0	0	0	S C	4	3	11								
S DAK	0	2	6	S DAK	49	56	78								
TENN	0	0	0	TENN	20	12	20								
19 STATES	3	4	4	19 STATES	42	46	47								

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

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RICE % HARVESTED			
	1985	1984	AVG.
ARK	49	29	27
CALIF	5	20	9
LA	82	88	86
MISS	75	35	39
TEX	89	100	100
5 STATES	56	50	48

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

SPRING WHEAT % HARVESTED			
	1985	1984	AVG.
IDAHO	96	86	92
MINN	87	99	98
MONT	97	100	95
N D	89	100	97
S DAK	95	100	100
5 STATES	91	99	97

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

CORN % MATURE				CORN % DENT				CORN % HARVESTED				WINTER WHEAT % PLANTED			
	1985	1984	AVG.		1985	1984	AVG.		1985	1984	AVG.		1985	1984	AVG.
COLO	43	46	39	COLO	92	93	89	COLO	1	2	1	ARK	4	3	5
GA	100	99	100	GA	100	100	100	GA	86	84	86	CALIF	0	1	0
ILL	82	78	83	ILL	98	100	99	ILL	6	6	8	COLO	79	69	76
IND	75	65	60	IND	100	100	96	IND	4	3	4	GA	2	3	3
IOWA	76	67	67	IOWA	98	95	96	IOWA	5	5	6	IDAHO	24	33	29
KANS	75	75	60	KANS	98	97	90	KANS	15	20	15	ILL	3	5	4
KY	78	66	74	KY	100	100	100	KY	20	8	16	IND	6	9	7
MICH	60	67	62	MICH	95	97	96	MICH	2	2	2	KANS	30	20	25
MINN	27	49	53	MINN	96	99	98	MINN	0	1	1	MICH	5	10	9
MO	92	84	77	MO	100	99	98	MO	20	23	24	MO	6	7	7
NEBR	50	50	50	NEBR	96	100	94	NEBR	1	2	2	MONT	40	25	30
N C	98	96	96	N C	100	100	100	N C	53	44	57	NEBR	55	70	70
OHIO	60	50	60	OHIO	100	100	95	OHIO	5	5	1	OHIO	8	2	5
PA	18	8	24	PA	80	67	80	PA	1	0	1	OKLA	15	10	20
S DAK	50	61	74	S DAK	74	80	87	S DAK	0	1	1	OREG	7	10	20
TEX	90	NA	NA	TEX	100	NA	NA	TEX	62	73	64	S DAK	68	76	81
WIS	30	55	53	WIS	73	90	79	WIS	0	0	0	TEX	20	31	26
17 STATES	64	NA	NA	17 STATES	95	NA	NA	17 STATES	8	8	9	WASH	52	56	48
EXCL. STATES WITH NA	63	63	65	EXCL. STATES WITH NA	95	96	95								

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

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

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

18 STATES 29 27 30

NA - NOT AVAILABLE

NA - NOT AVAILABLE

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

SORGHUM % COLORING				SORGHUM % MATURE				SORGHUM % HARVESTED			
	1985	1984	AVG.		1985	1984	AVG.		1985	1984	AVG.
ARK	94	NA	NA	ARK	85	NA	NA	ARK	68	50	68
KANS	75	80	70	KANS	20	30	25	KANS	3	10	5
MO	88	87	83	MO	67	72	66	MO	21	28	28
NEBR	90	85	85	NEBR	35	40	40	NEBR	1	2	2
OKLA	95	95	90	OKLA	30	35	45	OKLA	15	10	10
S DAK	67	82	89	S DAK	25	32	47	S DAK	1	3	3
TEX	91	92	90	TEX	75	71	73	TEX	64	65	67
7 STATES	85	NA	NA	7 STATES	47	NA	NA	7 STATES	27	29	29
EXCL. STATES WITH NA	84	86	81	EXCL. STATES WITH NA	45	49	48	THESE 7 STATES PRODUCED 83% OF THE 1984 SORGHUM CROP.			
THESE 7 STATES PRODUCED 83% OF THE 1984 SORGHUM CROP.				THESE 7 STATES PRODUCED 83% OF THE 1984 SORGHUM CROP.							
NA - NOT AVAILABLE				NA - NOT AVAILABLE							

### 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:** Precipitation below normal. Rainfall 1.00 to 3.00 in. over southwest. Temperatures averaged 1 to 3° below normal.

Days suitable for fieldwork 6.5. Soil moisture 87% short, 13% adequate. Corn harvested 82%, 66% 1984, 71% avg.; 15% poor, 33% fair, 42% good, 10% excellent. Soybeans turning color 44%, 42% 1984, 50% avg.; dropping leaves 20%, 21% 1984, 23% avg.; mature 9%, 9% 1984, 14% avg.; harvested 2%, 1% 1984, 3% avg.; 48% fair, 50% good, 2% excellent. Cotton bolls open 87%, 56% 1984, 61% avg.; harvested 10%, 3% 1984, 6% avg.; 18% fair, 77% good, 5% excellent. Sorghum harvested 63%, 51% 1984; 37% fair, 61% good, 2% excellent. Peanuts dug 61%, 50% 1984, 34% avg.; combined 44%, 35% 1984, 21% avg.; 21% fair, 79% good. Pastures 6% poor, 48% fair, 44% good, 2% excellent. Livestock 20% fair, 78% good, 2% excellent. Primary activities: Harvesting corn, grain sorghum, hay, cotton, peanuts; defoliating cotton; fall garden preparations; planting winter grazing crops; routine care of livestock poultry.

**ALASKA:** Winter continued to move across State past week. Railbelt temperatures ranged from 9° below normal to 1° above normal. Precipitation ranged 0.19 in. at Fairbanks to 0.75 in. Palmer area. Seasonal totals continued wetter than normal.

Days suitable for fieldwork 4.0. Topsoil moisture supplies 26% adequate, 74% surplus. Subsoil supplies 52% adequate, 48% surplus. Wet, cold weather conditions slowing harvest progress, grain maturity, most areas. Barley grain harvest 20% complete. Some light lodging occurred, small grains. Hardy vegetable harvest continued. Commercial potato harvest over 70% complete.

**ARIZONA:** Heavy showers, thunderstorms over much State 17th, 19th. Lingering activity over extreme east 20th. Precipitation amounts 1.00 to 2.00 in. over eastern two-thirds. Locally over 4.00 in. in White Mountains, 0.25 to 0.50 in. over western

third. Localized flash flooding southeast. Average temperatures for week varied from 3 to 9° below normal.

Cotton 63% good, 37% excellent; open bolls 90%, 90% 1984, 80% avg.; harvested none, none 1984, 2% avg. Growers defoliated west, central areas until rains on 17th. Damage light. Field activities were slowed. Harvest west continued as weather permitted. Picking spread central areas on a very small scale. Insect infestations generally moderate. Heavy spraying for pink bollworms southeast. Alfalfa harvest slowed by rain. Damage was light west, moderate to heavy southeast. New stands considered normal. Weed, insect problems light to moderate. Hay quality very good west. Sorghum continued good to excellent condition. Much of crop turned color, very little harvested. Corn good condition. Sesame harvest advanced, peanuts good condition.

**ARKANSAS:** Temperatures 3° below normal to 2° above normal. Temperatures extremes 45°; 92°. Most State received no rainfall. Precipitation none to 0.14 in.

Days suitable for fieldwork 7.0. Soil moisture 77% short, 23% adequate. Cotton 83% bolls opening, 70% 1984, 78% avg.; 16% harvested, 5% 1984, 9% avg.; 14% fair, 61% good, 25% excellent. Winter wheat 4% planted, 3% 1984, 5% avg. Rice 49% harvested, 29% 1984, 27% avg.; 5% poor, 6% fair, 89% good. Sorghum 94% coloring; 68% harvested, 50% 1984, 68% avg.; 85% mature; 6% poor, 30% fair, 60% good, 4% excellent. Soybeans 12% dropping leaves, 8% 1984, 17% avg.; 1% harvested, none 1984, 1% avg.; 2% poor, 31% fair, 67% good.

**CALIFORNIA:** Temperatures for week continued well below normal many areas, rainfall spotty. Few locations along coast near normal temperatures. Some interior stations as much as 10° below normal. Rainfall non-existent many stations; some larger weekly totals included Imperial at 1.02 in., Huntington Lake at 0.80 in.

Farmers prepared small grain fields. Cotton 95% bolls opening, 98% 1984, 81% avg.; none harvested, none 1984, none avg. Rice 5% harvested, 20% 1984, 9% avg. Wheat none planted, 1% 1984, none avg. Alfalfa hay, corn, sugarbeets, safflower, dry beans continued to be harvested throughout State. Apple, Coachella Valley date, raisin, table, wine grape, summer grapefruit, desert lemon, Valencia orange, almond, pistachio, and walnut harvests active. Stone fruit harvest near completion. Rain damage to almonds insignificant. Splitting reported in 1985-86 Navel oranges. Artichoke supplies light but increasing. Broccoli moderate supply central coast. Carrot harvest moderate. Cauliflower fairly light supply. Lettuce fairly heavy supply central coast. San Joaquin Valley fields good condition. Rain damage new plantings Imperial Valley. Bell pepper harvest increased central coast, continued San Joaquin Valley. Potato harvest increased Tulelake-Butte Valley. Sweetpotato harvest increased San Joaquin Valley. Market tomato harvest active coastal areas, northern San Joaquin Valley. Processing tomato harvest expected to decrease sharply. Considerable mold problems from recent rains. Recent rains germinated range grasses some locations. More rain needed to sustain growth. Supplemental feeding continued heavy most districts. Livestock marketing, movement winter pastures increased.

**COLORADO:** Temperatures 2 to 50 above normal east, 1 to 30 below normal west. Rainfall 0.10 to 0.30 in.

Days suitable for fieldwork 5.7. Soil moisture 52% short, 44% adequate, 4% surplus. Winter wheat 79% seeded, 69% 1984, 76% avg.; 37% emerged, 44% 1984, 39% avg. Corn 23% good, 77% excellent; 92% dented, 93% 1984, 89% avg.; 43% mature, 46% 1984, 39% avg.; 1% harvested for grain, 2% 1984, 1% avg. Barley 92% harvested, 96% 1984, 93% avg. Sorghum 85% turning color, 79% 1984, 76% avg.; 10% mature, 21% 1984, 27% avg.; 27% harvested for forage. Dry beans 86% cut, 88% 1984, 73% avg.; 57% threshed, 52% 1984, 43% avg. Range feed and livestock good condition.

**FLORIDA:** Upper air disturbance produced widespread cloudiness, very strong winds with clusters of heavy thunderstorms, strong winds over all but Panhandle area through evening of 20th. Rivers flooded as well as some localized urban areas. By weekend, winds diminished, rains stopped, sunny, fall-like weather arrived.

Soil moisture adequate northern, western areas; surplus south, coastal areas. Peanut harvest active, quality fair to good. Cotton harvest got underway, quality reduced by heavy rains earlier. Soybean generally good, early beans maturing. Haymaking interrupted by rain south, active elsewhere. Sugarcane progress continues good. Pastures generally good to excellent condition except for some low lying coastal areas which received very heavy rains. Cooler temperatures, especially at nighttime, slowed growth of grass somewhat, but grazing remains plentiful. Most cattle continue in good to excellent condition. Citrus areas received hard rains several days this week; some growers pumped out excessive water. New growth continued all areas. New crop grapefruit harvest increasing. Few Navel groves picked and fruit shipped. Some K-Early citrus fruit moving to markets. Caretakers cutting in cover crops. Light to heavy rains vegetable areas. Some seedbed washing, leaching fertilizer. Some replanting will be necessary. Seeding, transplanting continued to increase, weather permitting. Land preparation continues. Harvest of sweet corn expected Zellwood area next week. Tomato harvest getting underway in Gadsen

County. Harvest most other crops expected to start mid to late October.

**GEORGIA:** Rain totals mostly less than 0.25 in., much State reporting no rain. Brunswick reported rain 6 days with total of almost 3.00 in. Temperatures averaged 2 to 40 below normal over extreme north. Low temperatures upper 30s reported higher mountain areas 17th, 18th. Most remainder State lows in 50s except 60s across extreme southeast.

Days suitable for fieldwork 6.3. Soil moisture 27% very short, 62% short, 10% adequate, 1% surplus. Main activities: Haying; harvesting, corn, cotton, peanuts; spraying for insects and disease; planting small grains as weather permits. Corn 86% harvested, 84% 1984, 86% avg.; 1% very poor, 5% poor, 44% fair, 46% good, 4% excellent. Cotton 72% bolls open, 58% 1984, 73% avg.; 7% harvested, 5% 1983, 16% avg.; 35% fair, 63% good, 2% excellent. Grain sorghum 3% poor, 33% fair, 61% good, 3% excellent. Peanuts 77% dug, 52% 1984, 57% avg.; 57% threshed, 34% 1984, 39% avg.; 18% fair, 80% good, 2% excellent. Soybeans 99% setting pods, 99% 1984, 98% avg.; 25% dropping leaves, 32% 1984, 29% avg.; 2% harvested, 1% 1984, 1% avg.; 4% poor, 40% fair, 52% good, 4% excellent. Tobacco 100% harvested, 100% 1984, 100% avg. Wheat 2% planted, 3% 1984, 3% avg. Rye 4% planted, 7% 1984, 9% avg. Other small grains 1% planted, 5% 1984, 8% avg. Apples 73% harvested, 83% 1984, 86% avg.; 3% poor, 50% fair, 40% good, 7% excellent. Pecans 6% poor, 44% fair, 49% good, 1% excellent. Pastures 4% poor, 51% fair, 42% good, 3% excellent. Hay 3% poor, 34% fair, 59% good, 4% excellent. Cattle 2% poor, 24% fair, 72% good, 2% excellent. Hogs 1% poor, 24% fair, 72% good, 3% excellent.

**HAWAII:** Crops continued to make fair to good progress under variable weather conditions. Light rainfall over windward, mountain areas of most islands. Weak trade winds early period resulted in high temperatures. Banana production to continue near last week's level. Head cabbage supplies moderate. Head lettuce output anticipated light. Papaya production to continue at low level.

**IDAHO:** Temperatures averaged well below normal as high pressure in Pacific and lower pressure system east of divide caused northwesterly air flow over region. Air from Canada cold, embedded in it minor weather disturbances that caused precipitation midweek. Rain in valleys and snow over some of high terrain brought weekly precipitation total to above normal. Some freezing temperatures as few overnight lows dropped into 20s.

Days suitable for fieldwork 3.0. Spring wheat 96% harvested, 86% 1984, 92% avg. Barley 95% harvested, 80% 1984, 89% avg. Potatoes 13% harvested, 14% 1984, 12% avg. Winter wheat 24% planted, 33% 1984, 29% avg. Hops 83% cut, 82% 1984. Alfalfa third cutting 39% harvested, 32% 1984, 40% avg. Dry beans 46% cut, 34% 1984, 42% avg. Onions 60% dug, 53% 1984, 53% avg. Silage corn 24% chopped, 23% 1984, 33% avg. Processing sweet corn 88% picked. Alfalfa seed 50% harvested, 22% 1984, 40% avg. Red clover seed 18% harvested, 20% 1984, 34% avg. Apples 8% picked, 6% 1984, 18% avg. Potatoes 15% fair, 77% good, 8% excellent. Sugarbeets 18% fair, 64% good, 18% excellent. Corn 11% fair, 78% good, 11% excellent. Livestock good. Range and pasture improved due to rain.

**ILLINOIS:** Temperatures 2 to 70 above normal. Precipitation general northern third; spotty central; none southern third. Precipitation ranged from none to 1.50 in. northwest areas.

Days suitable for fieldwork 6.5. Soil moisture 37% short, 63% adequate. Corn dented 98%, 100% 1984, 99% avg.; mature 82%, 78% 1984, 83% avg.; harvested for grain 6%, 6% 1984, 8% avg. Soybeans turning yellow 85%, 83% 1984, 84% avg.; shedding leaves 64%, 60% 1984, 61% avg.; harvested 7%, 10% 1984, 10% avg. Winter wheat planted 3%, 5% 1984, 4% avg. Sorghum harvested for grain 4%, 5% 1984, 6% avg. Pasture 5% poor, 37% fair, 52% good, 6% excellent.

**INDIANA:** Temperatures 60 above normal north, 2 to 40 above south. Lows 40s north to 50s south; highs in 80s. Rainfall limited to northwestern State with amounts 0.10 to 0.80 in.

Fieldwork averaged 6.7 days. Topsoil moisture 50% short, 50% adequate. Subsoil moisture 27% short, 73% adequate. Corn 4% harvested, 3% 1984, 4% avg. Corn moisture 27%, 30% 1984. Corn 75% mature, 65% 1984, 60% avg. Corn 100% dented, 100% 1984, 96% avg. Soybeans 7% combined, 3% 1984, 7% avg. Soybeans 60% dropping leaves, 65% 1984, 60% avg. Soybeans 93% turning yellow, 93% 1984, 85% avg. Wheat 6% seeded, 9% 1984, 7% avg. Wheat land 35% plowed, 43% 1984, 45% avg. Tobacco 85% harvested, 65% 1984, 70% avg. Silos 55% filled, 60% 1984, 55% avg.

**IOWA:** Warm early week becoming hot midweek to 92°. Cooler late week low 40s. Precipitation from 1.00 in. northwest to over 2.00 in. south central, southeast, southwest, central, east central.

Days suitable for fieldwork 6.1. Topsoil moisture 44% short, 53% adequate, 3% surplus. Subsoil moisture 49% short, 48% adequate, 3% surplus. Corn dented 98%, 95% 1984, 96% avg. Corn mature 76%, 67% 1984, 67% avg. Corn harvested 5%, 5% 1984, 6% avg. Corn 3% poor, 15% fair, 63% good, 19% excellent. Soybeans dropping leaves 66%, 71% 1984, 62% avg. Soybeans harvested 3%, 7% 1984, 5% avg. Soybeans 3% poor, 16% fair, 64% good, 17% excellent. Third crop alfalfa hay harvested 96%, 89% 1984, 93% avg. Hay 1% very poor, 3% poor, 28% fair, 58% good, 10% excellent. Pastures 3% very poor, 19% poor, 32% fair, 36% good, 10% excellent. Livestock good condition.

**KANSAS:** Precipitation averaged less than 0.10 in. southeast and northwest, 2.25 in. south central and northeast, 1.00 to 2.00 in. elsewhere. Temperatures averaged 67 to 68° west and north central, 69 to 71° elsewhere. Temperature normal southwest to 50 below normal northeast.

Days suitable for fieldwork 4.5. Topsoil moisture 17% short, 74% adequate, 9% surplus. Wheat 30% seeded, 20% 1984, 25% avg. Sorghum 75% coloring, 80% 1984, 70% avg.; 20% mature, 30% 1984, 25% avg.; 3% harvested, 10% 1984, 5% avg. Corn 98% dent, 97% 1984, 90% avg.; 75% mature, 75% 1984, 60% average. Corn 15% harvested, 20% 1984, 15% avg. Soybeans 45% dropping leaves, 55% 1984, 40% avg.; 2% harvested, 5% 1984, 2% avg. Range and pastures excellent. Alfalfa fourth cutting, over 50% complete.

**KENTUCKY:** Fair skies and temperatures few degrees above normal. High temperatures in 80s and lows in 50s. No precipitation, normal precipitation averages between 0.50 to 0.75 in.

Days suitable for fieldwork 6.0. Soil moisture 68% short, 31% adequate, 1% surplus. Corn 100% dented, 100% 1984, 100% avg.; 78% mature, 66% 1984, 74% avg.; 20% harvested for grain, 8% 1984, 16% avg. Early yields good. Soybeans 18% fair, 71% good, 11% excellent; 28% shedding leaves, 28% 1984, 31% avg.; 2% harvested, 1% 1984, 2% avg. Burley tobacco 92% cut, 86% 1984, 82% avg. Dark tobacco 90% cut, 78% 1984, 80% avg. Minimal but frequent houseburn reported. Good quality crop. May start to strip some early cut tobacco in one

week. Grain sorghum harvest continued. Crop rated 74% good. Hay harvest continued with excellent quality. Pastures fair to good condition. Continue to sow cover crops on tobacco fields.

**LOUISIANA:** Temperatures averaged 10 below normal to 30 above normal. Temperature extremes 56°; 95°. Rain totals averaged none to 0.42 in.

Days suitable for fieldwork 6.1. Soil moisture 21% short, 75% adequate, 4% surplus. Cotton 15% poor, 77% fair, 8% good; 92% open bolls, 66% 1984, 75% avg.; 28% harvested, 6% 1984, 9% avg. Rice 37% fair, 60% good, 3% excellent; 95% ripe, 92% 1984, 96% avg.; 82% harvested, 88% 1984, 86% avg. Soybeans 1% poor, 52% fair, 39% good, 8% excellent; 55% leaves turning, 51% 1984, 56% avg. Soybeans 25% shedding, 26% 1984, 29% avg.; 4% harvested, 3% 1984, 4% avg. Sorghum 2% poor, 74% fair, 18% good, 6% excellent; 98% ripe, 97% 1984, 91% avg.; 89% harvested, 92% 1984, 80% avg. Corn 98% harvested, 95% 1984, 91% avg. Sweetpotatoes fair to good; 62% harvested, 61% 1984, 59% avg. Hay final cutting 77% complete, 80% 1984, 71% avg. Sugarcane fair to good; 39% planted, 47% 1984, 53% avg. Wheat 1% planted, 1% 1984, 2% avg. Pastures, livestock fair to good; vegetables fair.

**MARYLAND & DELAWARE:** **Maryland:** Temperatures mostly 3 to 7° below normal; lows in mid 40s to near 50s, highs in low to mid 80s. Precipitation none.

Days suitable for fieldwork 7.0. Topsoil moisture adequate. Subsoil moisture short except lower shore adequate. Corn good. Corn 100% dented, 100% 1984, 95% avg. Corn 80% mature, 45% 1984, 65% avg. Corn silage 85% harvested, 75% 1984, 80% avg. Corn for grain 35% harvested, 15% 1984, 20% avg. Soybeans good condition. Soybeans 50% turned, 50% 1984, 55% avg. Soybeans 20% shedding, 20% 1984, 20% avg. Tobacco good condition. Tobacco 90% harvested, 90% 1984, 85% avg. Fourth cutting alfalfa hay 70% complete, 65% 1984, 65% avg. Fourth cutting hay 60% complete. Barley 25% seeded, 25% 1984, 25% avg. Wheat 20% seeded, 5% 1984, 10% avg. Rye 25% seeded, 20% 1984, 25% avg. Fall oats 10% seeded, 4% 1984, 2% avg. Apples 55% harvested, 55% 1984, 45% avg.

**Delaware:** Temperatures mostly 4 to 8° below normal; lows in low to mid 40s, highs in low to mid 80s. Precipitation none.

Days suitable for fieldwork 7.0. Topsoil, subsoil moisture short. Corn 95% dented, 95% 1984, 95% avg. Corn 90% mature, 80% 1984, 80% avg. Corn silage 80% cut, 90% 1984, 85% avg. Corn for grain 30% harvested, 20% 1984, 25% avg. Soybeans 50% turning, 75% 1984, 55% avg. Soybeans 25% shedding leaves, 30% 1984, 25% avg.

**MICHIGAN:** Temperatures averaged 60 above normal. Excellent weather enhanced fieldwork activities. Soil moisture conditions varied from short to adequate southwest to surplus in many eastern counties lower Peninsula.

Days suitable for fieldwork 4.8. Soil moisture supplies 11% short, 51% adequate, 38% surplus. Corn 95% denting, 97% 1984, 96% avg.; 60% mature, 67% 1984, 62% avg.; 2% harvested, 2% 1984, 2% avg.; 5% poor, 20% fair, 50% good, 25% excellent. Winter wheat 5% planted, 10% 1984, 9% avg.; 100% good. Soybeans 60% dropping leaves, 70% 1984, 64% avg.; none harvested, 1% 1984, 1% avg.; 5% poor, 20% fair, 50% good, 25% excellent. Vegetable, fruit harvest normal pace. Apple color, size continue excellent. Grape harvest full gear.

**MINNESOTA:** Temperatures rose well above normal midweek; dropped below normal weekend. Temperatures averaged near normal northwest, 3 to

70 above normal elsewhere. Temperature extremes 260; 890. Precipitation averaged 0.02 to 0.72 in. above normal. Greatest weekly total 2.11 in.

Days suitable for fieldwork 3.8. Topsoil moisture 57% adequate, 43% surplus. Corn 96% denting, 99% 1984, 98% avg.; 27% mature, 49% 1984, 53% avg.; 8% poor, 33% fair, 47% good, 12% excellent. Soybeans 91% turning yellow, 94% 1984, 96% avg.; 44% dropping leaves, 87% 1984, 73% avg.; 8% mature, 37% 1984, 30% avg.; 2% very poor, 4% poor, 35% fair, 50% good, 9% excellent. Spring wheat 87% harvested, 99% 1984, 98% avg. Sunflowers 93% dropping ray petals, 99% 1984, 98% avg.; 60% bracts turning yellow, 98% 1984, 93% avg.; 16% bracts turning brown, 63% 1984, 59% avg. Sugarbeets 8% harvested, 8% 1984, 6% avg. Potatoes 33% harvested, 53% 1984, 41% avg.

**MISSISSIPPI:** Average temperature slightly below normal, extremes 470; 920. Greatest weekly rainfall 0.50 in.

Fieldwork 6.5 days suitable, 6.5 1984, 5.5 avg. Soil moisture 3% very short, 45% short, 52% adequate. Fall harvest in full swing. Cotton 12% fair, 88% good; 84% open bolls, 82% 1984, 89% avg.; 20% harvested, 2% 1984, 7% avg. Soybean 9% fair, 91% good; 25% dropping leaves, 11% 1984, 38% avg.; 2% harvested, none 1984, 4% avg. Rice 100% good; 75% harvested, 35% 1984, 39% avg. Grain sorghum 3% poor, 36% fair, 61% good; 75% harvested, 49% 1984, 48% avg. Corn harvest 72% completed, 49% 1984, 59% avg. Sweetpotatoes 39% harvested; peanuts 52%; hay 88%. Wheat 10% planted, 5% 1984, 5% avg.

**MISSOURI:** Temperatures averaged 20 above normal. Precipitation almost non-existent southern half. Northwest received up to 2.50 in., northeast up to 1.50 in.

Days suitable for fieldwork 6.3. Topsoil moisture 43% short, 55% adequate, 2% surplus. Corn in dent stage 100%, 99% 1984, 96% avg.; mature 92%, 84% 1984, 77% avg.; harvested 20%, 23% 1984, 24% avg. Soybeans 20% fair, 68% good, 12% excellent; dropping leaves 26%, 36% 1984, 35% avg.; harvested 2%, 4% 1984, 4% avg. Grain sorghum 22% fair, 67% good, 11% excellent; coloring 88%, 87% 1984, 83% avg.; mature 67%, 72% 1984, 66% avg.; harvested 21%, 28% 1984, 28% avg. Cotton 22% fair, 78% good; bolls open 56%, 98% 1984, 89% avg. Winter wheat seedings 6%, 7% 1984, 7% avg. Fourth crop alfalfa 65% cut. Pasture condition 7% poor, 39% fair, 51% good, 3% excellent.

**MONTANA:** Wet week over all State with many areas receiving moderate to heavy rain. Parts of southwest and northeast received less than 0.10 in., rest of State measured from 0.20 to over 1.50 in. Snow in all high mountains. Temperatures warm first of week, cool midweek, then generally mild at end of week. Temperatures averaged 6 to 70 below normal west and north central, normal to 40 below normal elsewhere. Many areas of State first frost of year. Southwest hard freeze late week.

Days suitable for fieldwork 2.4. Topsoil moisture 17% short, 59% adequate, 24% surplus. Subsoil moisture 45% short, 46% adequate, 9% surplus. Corn silage harvested 60%, 60% 1984, 55% avg. Dry beans harvested 45%, 65% 1984, 50% avg. Potatoes harvested 20%, 20% 1984, 15% avg. Alfalfa hay second cutting 90%, 95% 1984, 90% avg. Winter wheat planted 40%, 25% 1984, 30% avg. Winter wheat emerged 15%. Livestock moved from summer ranges 60%. Supplies of hay and forage for feed during coming winter 85% short, 15% adequate.

**NEBRASKA:** Beginning week hot, dry ending wet, cool. Rainfall ranged 0.50 west to 2.00 in.

east. Temperatures averaged near normal.

Days suitable for fieldwork 4.5. Topsoil moisture 18% short, 71% adequate, 11% surplus. Subsoil 21% short, 77% adequate, 2% surplus. Winter wheat sown 55%, 70% 1984, 70% avg. Wheat emerged 30%, 30% 1984, 35% avg. Recent moisture aided emergence. All corn 5% fair, 71% good, 24% excellent. Irrigated corn 4% fair, 73% good, 23% excellent. Non-irrigated corn 8% fair, 67% good, 25% excellent. Corn denting 96%, 100% 1984, 94% avg.; 50% mature, 50% 1984, 50% avg.; 1% harvested, 2% 1984, 2% avg. Cool weather slowed maturing process, few cases of stalk rot, mold on ears and leaf disease. Soybeans 4% fair, 68% good, 28% excellent; 80% leaves turning color, 70% 1984, 65% avg.; 30% leaves dropping, 25% 1984, 40% avg.; 1% harvested, 1% 1984, 2% avg. Sorghum 1% poor, 4% fair, 75% good, 20% excellent; 90% coloring, 85% 1984, 85% avg.; 35% mature, 40% 1984, 40% avg.; 1% harvested, 2% 1984, 2% avg. Sorghum needs time to develop before frost. Alfalfa mostly good to fair. Third cutting 98%, 100% 1984, 100% avg. Pasture and range supplies mostly adequate to short. Fall grazing prospects good but depressed prices discouraged buyers.

**NEVADA:** Sunny and dry conditions prevailed early, late week. Cold front midweek brought rainfall most areas. Light snow fell as low as 6,000 feet northern sections. Temperatures much below normal midweek, otherwise slightly below normal. Several northern locations recorded below freezing minimums.

Potato digging slowed temporarily by freezing morning temperatures. Alfalfa seed combining nearing completion. Cattle movement to lower elevation ranges continued.

**NEW ENGLAND:** Precipitation free week, all areas. Temperatures ranged from 60° north to upper 60s along south coast; well above normal.

Days suitable for fieldwork 7.0. Soil moisture 18% short, 79% adequate, 3% surplus. Grazing availability 27% short, 73% adequate. Field corn 15% harvested, 30% 1984, 30% avg.; 75% good, 25% excellent. Maine potatoes 15% dug, condition good. Maine oats 75% combined, 85% 1984. Sweet corn 90% picked. Second crop hay 90% cut. Third crop hay 70% cut, 75% 1984, 65% avg. Apples 25% picked; size and color good. Tobacco curing conditions excellent. Cranberry dry harvest underway.

**NEW JERSEY:** Temperatures averaged 20 above normal. Extremes 380; 880. Weekly rainfall averaged none north, none central, 0.02 in. south. Heaviest 24-hour total 0.10 in. on 22nd, 23rd. Estimated soil moisture, in percent of field capacity, averaged 74% north, 66% central, 48% south. Four inch soil temperatures averaged 56° north, 62° central, 63° south.

Fieldwork very active. Harvest of fall vegetables increasing. Light movement of summer vegetables continues to be available. Peach marketing from storage declining. Good supplies of fall variety apples continued. Cranberry harvest began. Corn silage making continued active. Harvest corn for grain getting underway. Soybeans continued to color. Preparations and planting of cover crops, fall sown grains continued to increase.

**NEW MEXICO:** Temperatures slightly above normal, eastern Plains, slightly below normal elsewhere. Temperatures 20° northern mountains to 910 northeastern Plains. Precipitation fell over entire State. Precipitation 0.46 in. northwestern plateau and western mountains, to 3.16 in. southern desert.

Days suitable for fieldwork 5.8. Soil moisture 35% short, 65% adequate. Hail damage 72% none,

21% light, 7% moderate. Alfalfa 13% poor, 33% fair, 54% good. Cotton 43% fair, 57% good; 55% open bolls, 85% 1984, 71% avg.; none harvested, none 1984, none avg. Corn 18% fair, 82% good; barley 50% fair, 50% good. Irrigated wheat 66% fair, 17% good, 17% excellent. Dryland wheat 75% fair, 25% good. Irrigated grain sorghum 25% fair, 75% good. Dryland grain sorghum 25% poor, 25% fair, 50% good; pecans 25% fair, 75% good. Apples 20% poor, 20% fair, 60% good. Chile 13% fair, 87% good. Lettuce 50% fair, 50% good. Cattle 19% fair, 75% good, 6% excellent. Sheep 21% fair, 72% good, 7% excellent. Range 13% poor, 49% fair, 38% good.

**NEW YORK:** Week began near normal temperatures, above normal midweek on. Lows in mid 20s in cooler mountain valleys. Temperatures moderated to mid 50s and mid 60s across State by 21st. Readings averaged in upper 50s and 60s, 5 to 100 above normal. No reported precipitation for week. Monthly deficit 0.50 to 1.50 in.

Days suitable for fieldwork 7.0. Soil moisture short to adequate. Weather good for haying, drying corn. Silage corn harvest 12% complete, 10% 1984, 18% avg. Third cutting alfalfa for hay 58% complete, 50% 1984, 59% avg. Dry bean harvest, wheat planting began. McIntosh, Cortland apples harvested. Bosc pear harvest about half done. Grape harvest continued. Cabbage, cauliflower, winter squash, onion harvest underway. Pastures fair to good.

**NORTH CAROLINA:** Temperatures 6 to 80 below normal mountain, Piedmont regions, 30 below normal coast. Rainfall ranged from none to 0.02 in.

Days suitable for fieldwork 6.4. Soil moisture 26% very short, 66% short, 8% adequate. Flue-cured tobacco harvested 90%, 96% 1984, 98% avg. Burley harvested 87%, 81% 1984, 72% avg. Corn mature 98%, 96% 1984, 96% avg.; harvested for silage 87%, 82% 1984, 85% avg.; harvested for grain 53%, 44% 1984, 57% avg. Cotton 33% fair, 67% good; open bolls 95%, 88% 1984, 89% avg.; harvested 3%, none 1984, 9% avg. Peanuts 48% fair, 52% good. Peanuts dug 18%, 8% avg.; threshed 11%, 3% 1984, 4% avg. Soybeans 3% poor, 44% fair, 50% good, 3% excellent; pods set 98%, 96% 1984, 94% avg.; leaves dropped 9%, 5% 1984, 6% avg. Grain sorghum 2% poor, 31% fair, 65% good, 2% excellent; harvested 32%, 18% 1984, 23% avg. Sweetpotatoes 34% fair, 60% good, 6% excellent; harvested 24%, 15% 1984, 21% avg. Apples 8% poor, 46% fair, 46% good; harvested 53%, 56% 1984, 52% avg. Pasture 12% poor, 60% fair, 27% good, 1% excellent. Major farm activities: Harvesting and marketing tobacco; cutting silage; harvesting soybeans, hay, apples, corn, sorghum; digging sweetpotatoes; harvesting peanuts; mowing, plowing and discing tobacco and corn stalks, land preparation for cover crops, fall seeding and general farm maintenance.

**NORTH DAKOTA:** Generally seasonable week. Temperatures averaged 20 above normal south, east to 10 below normal northwest, north central. First part of week mild with highs in 80s. Cooler air late week with several lows near or below freezing mark. Extremes from 870 southwest to 300 west central, east central. Moderate amounts of precipitation over almost all State with most districts averaging over 0.50 in. Extremes from 0.16 in. west central to 1.13 in. east central.

Topsoil, subsoil moisture continued well above last year, average. Topsoil 9% short, 81% adequate, 10% surplus statewide. Subsoil 24% short or very short, 74% adequate, 2% surplus. Spring, durum wheat harvest as well as row crop development and harvest continued to lag well

behind normal as result of continued rain, lack of sunshine. Frost some areas. Spring wheat 89% combined, 100% 1984, 97% avg.; durum 75% combined, 100% 1984, 94% avg. Sunflower 15% bracts brown & beyond, 52% 1984, 49% avg.; corn for grain 7% ripe, 55% 1984, 41% avg.; soybeans 37% mature and beyond, 90% 1984, 64% avg.; potatoes 30% dug, 70% 1984, 45% avg.; flax 35% combined, 89% 1984, 67% avg.; dry edible beans 14% combined, 89% 1984, 50% avg. Winter wheat seeding 74% complete, rye seeding 75% complete.

**OHIO:** Lows 4 to 60 above normal; highs 5 to 80. Precipitation zero; 0.55 to 0.66 in. below normal.

Days suitable 7.0. Topsoil moisture 57% short, 43% adequate. Corn 7% fair, 65% good, 28% excellent; dented 100%, 100% 1984, 95% avg.; mature 60%, 50% 1984, 60% avg.; harvested 5%, 5% 1984, 1% avg.; silage cut 45%, 25% 1984, 45% avg. Soybeans 10% fair, 74% good, 16% excellent; dropping leaves 55%, 45% 1984, 60% avg.; harvested 5%, 5% 1984, none avg. Winter wheat planted 8%, 2% 1984, 5% avg. All hay good; alfalfa 3rd cut 95%, 100% 1984, 90% avg.; other hay 3rd cut 80%, none 1984, none avg. Tobacco good; harvested 90%, 85% 1984, 80% avg.

**OKLAHOMA:** Temperatures averaged normal Panhandle to 50 above normal east. Precipitation averaged none east central to 2.91 in. Panhandle.

Days suitable for fieldwork 5.9. Topsoil moisture 55% short, 45% adequate. Subsoil moisture 40% short, 60% adequate. Weekend rains caused flooding north central. Wheat 15% planted, 10% 1984, 20% avg. Seeding should accelerate after weekend moisture. Sorghum 95% coloring, 95% 1984, 90% avg.; 30% mature, 35% 1984, 45% avg.; 15% harvested, 10% 1984, 10% avg. Cotton 60% open bolls, 20% 1984, 25% avg.; 2% harvested, 1% 1984, none avg. Needed moisture relieved dryland crop stress. Rain beneficial to pastures. Cattle marketings average, prices rebounded from previous week's two-month low.

**OREGON:** Temperatures well below normal except extreme south coast 40 above normal; rest of coast 1 to 30 below normal. Western interior 3 to 60 below normal. North central, northeast and south central 7 to 100 below normal. Entire State received rainfall third straight week. Amounts 0.20 to 0.80 in. along coast, 0.10 to 0.60 in. western interior areas east of Cascades. All of State well above normal precipitation for September.

Soil moisture 5% short, 73% adequate, 22% surplus. Winter wheat 7% planted, 10% 1984, 20% avg. Fall seedbed preparations continued, seeding slowed due to showers. Some spring grains remain to be harvested east. Third, fourth cutting alfalfa. Grass seed planting continued Willamette Valley. Some red clover seed still to harvest. Silage corn harvest continued west. Winter pear harvest continued at Hood River, Medford, large crop with good size. Apple picking began Wasco, Hood River counties. Filberts dropping, some early harvest started. Peach harvest finished. Also, blueberry and blackberry harvests near completion. Fresh cranberry harvest began, good quality. Processing potato digging continued at Hermiston, Malheur. Between frost and spraying all potato vines killed central area, harvest set to begin. Norgold harvest underway Klamath Basin. Snap bean harvest complete. Sweet corn, broccoli harvest continued. Onions curing, few harvested. Central area carrot and lettuce seed harvested; garlic planting began. Commercial bulb harvest Curry County. Livestock condition good. Cattle coming off high elevation ranges; many animals being marketed. Eastern grass growth started; western pasture regrowth ahead of normal.

**PENNSYLVANIA:** Temperatures averaged 64°, 40 below normal. Average rainfall trace to 0.81 in. below normal.

Days suitable for fieldwork 6.0. Soil moisture 74% short, 26% adequate. Corn 1% very poor, 5% poor, 12% fair, 43% good, 39% excellent. Soybeans 2% very poor, 11% poor, 10% fair, 41% good, 36% excellent. Tobacco harvest virtually complete same as 1984. Potatoes 76% harvested, 56% 1984. Corn 80% dent, 67% 1984, 80% avg.; 18% mature, 8% 1984, 24% avg.; 1% harvested, none 1984, 1% avg. Third cutting alfalfa 83% complete, 74% 1984. Second cutting clo-tim 95% harvested, 95% 1984. Quality of hay 18% fair, 82% good. Amount of feed being obtained from pastures 48% below average, 52% average. Activities for week included: Harvesting potatoes, tobacco, hay, fall cabbage, broccoli, squash, peppers, apples, grapes, and corn silage; fall plowing; seeding small grains.

**PUERTO RICO:** Island averaged rainfall 1.67 in. 0.18 in. below normal. Highest weekly total rainfall 5.32 in. Negro Corozal followed by 4.29 in. at Corozal Aes, 3.95 in. at Canovanas. Accumulated total rainfall for Puerto Rico since January 41.25 in. 4% below normal. Divisional temperature averaged about 80 to 82° on coasts, 75 to 78° interior. Extremes 62°; 97°.

**SOUTH CAROLINA:** Weather hot, dry with seasonably cool nights. Temperatures ranged slightly below normal. Rainfall minimal, some thundershowers along coast.

Days available for field activities 6.0. Soil moisture 20% very short, 60% short, 20% adequate. Soybeans 3% poor, 37% fair, 54% good, 6% excellent; setting pods 97%, 100% 1984, 100% avg.; 15% leaves turning, 21% 1984, 25% avg.; 4% shedding leaves, 3% 1984, 11% avg. Cotton 57% fair, 43% good; open bolls 88%, 64% 1984, 78% avg.; harvested 11%, 2% 1984, 8% avg. Corn fair to good; 80% harvested, 77% 1984, 79% avg. Tobacco good; 100% harvested, 100% 1984; 45% stalks destroyed, 69% 1984. Apples fair to good; 80% harvested, 69% 1984, 67% avg. Pastures and hay, winter grazing fair to good; livestock good.

**SOUTH DAKOTA:** Average temperatures normal to 80° above normal. Extremes 29°; 97°. Black Hills low 16°. Precipitation light, widespread. Light frost central, southwest.

Days suitable for fieldwork 3.5. Topsoil moisture mostly adequate; scattered surplus east, short and critically short extreme west; 8% critically short, 23% short, 51% adequate, 18% surplus. Corn 1% very poor, 2% poor, 6% fair, 66% good, 25% excellent. Corn 74% dented, 80% 1984, 87% avg.; 50% mature, 61% 1984, 74% avg.; none harvested, 1% 1984, 1% avg. Winter wheat 2% poor, 11% fair, 67% good, 20% excellent; 68% planted, 76% 1984, 81% avg. Spring wheat 95% harvested, 100% 1984, 100% avg. Sorghum 5% poor, 24% fair, 58% good, 13% excellent; 67% coloring, 82% 1984, 89% avg.; 25% mature, 32% 1984, 47% avg.; 1% harvested, 3% 1984, 3% avg. Soybeans 6% fair, 73% good, 21% excellent; 49% dropping leaves, 56% 1984, 78% avg. Soybeans none harvested, 2% 1984, 6% avg.

**TENNESSEE:** Daytime temperatures averaged near normal east to 3° above normal west. Nighttime temperatures ranged 5 to 10° below normal across State. No significant rainfall.

Days suitable for fieldwork 6.0. Soil moisture levels 63% short, 37% adequate. Warm dry weather promoted harvest. Corn 90% mature, 80% 1984, 80% avg.; 30% harvested, 15% 1984, 20% avg.; 1% poor, 7% fair, 59% good, 33% excellent. Cotton 90% open bolls, 60% 1984, 65% avg.; 5% harvested, 8% avg.; 19% fair, 66% good, 15% excellent. Sorghum 85% mature, 25% 1984; 40% harvested grain, 8% 1984; 5%

fair, 79% good, 16% excellent. Soybeans 20% dropping leaves, 12% 1984, 20% avg.; 9% mature, 1% 1984, 3% avg.; 13% fair, 83% good, 4% excellent. Tobacco burley 90% harvested, 85% 1984, 85% avg.; dark-fired 90% harvested, 80% 1984, 80% avg.; dark-air cured 90% harvested, 85% 1984, 80% avg.; 18% fair, 71% good, 11% excellent. Wheat 5% sown, 6% 1984, 10% avg. Pasture conditions 2% very poor, 6% poor, 44% fair, 44% good, 4% excellent.

**TEXAS:** Showers west, High Plains increased midweek, tropical moisture streamed northeastward to join cool front. High pressure capped east, central, another dry week. Isolated afternoon evening showers Rio Grande Valley, south. Drier, cooler conditions weekend. Temperatures below normal west, south, normal readings elsewhere. Soaking rains High Plains, Trans-Pecos. Showers spotty south; moisture deficits central, east upper coast.

**Crops:** Grain sorghum 100% headed, 100% 1984, 100% avg.; 91% turning color, 92% 1984, 90% avg.; 75% mature, 71% 1984, 73% avg.; 64% harvested for grain, 65% 1984, 67% avg. Sorghum 1% poor, 20% fair, 63% good, 16% excellent. Harvest interrupted by wet fields, operations resume as ground dries. Some good yields irrigated, dryland fields. Corn 100% dented; 90% mature; 62% harvested, 73% 1984, 64% avg. Corn 1% poor, 21% fair, 55% good, 23% excellent. Harvest High Plains interrupted by rainfall. Producers report excellent yields across State, recent rainfall help late maturing acreage. Some lodging mature fields. Cotton 39% open bolls, 33% 1984, 41% avg.; 17% harvested, 13% 1984, 15% avg. Cotton 2% poor, 40% fair, 53% good, 5% excellent. Harvest interrupted scattered rainfall, but operations resume fields dry. Plains rainfall helped dryland acreage, cooler temperatures slowed maturity. Cotton areas missed by rainfall; continued open rapidly, some defoliation completed lower Plains. Rice 99% turning color, 100% 1984, 100% avg.; 89% harvested, 100% 1984, 100% avg. Rice 7% fair, 54% good, 39% excellent. Harvest continues lag behind previous years, but nearing completion. Producers continued to report excellent yields from first cutting. Because lateness of crop, producers may reduce acreage for second cut. Peanuts 12% harvested, 8% 1984, 13% avg. Digging continued south areas missed by rainfall. Recent rains helped peanuts most areas. Soybeans 10% harvested, 13% 1984, 4% avg. Fields continue look good High Plains. Rain helped crop northeast. Wheat 20% planted, 31% 1984, 26% avg.; 3% emerged, 6% 1984, 4% avg. Small grain seeding expanded statewide, preparation for early grazing. Dry-planted fields benefitted recent moisture, germination good. Land preparation, planting resume statewide as fields dry. Some greenbugs reported early emerged wheat fields High Plains. Sunflowers 24% harvested, 12% 1984, 13% avg. Oats 16% planted, 15% 1984, 16% avg.

**Commercial Vegetables:** Rio Grande Valley, land preparation, planting fall vegetables active. Heavy irrigation necessary tomatoes, peppers, cabbage, carrots. Most vegetables making good progress; limited supplies cucumbers available. Small amount citrus harvested. High Plains, limited supplies cucumbers, carrots, peppers, tomatoes, honeydew melons available. Rain delayed, interrupted most harvest activity. Small amount spinach planted. East sweetpotato harvest full swing. Some fall vegetable planting completed. Pecans beginning mature across State. Nut droppage continued, growers hoping recent rainfall help reduce future droppage. Evidence insect damage continued.

**Range and Livestock:** Slightly cooler temperatures, recent rainfall benefitted range, pasture growth. Generally adequate forage available for grazing; some supplemental feeding

continued. Final cuttings hay in progress. Although prices low, early fall marketings cattle, calves started. Fall calving underway. Early seeding small grains continued.

**UTAH:** Average temperatures for State ranged from normal in Uinta Basin to 4° below normal Dixie. Precipitation ranged from 0.42 in south central to 0.91 in north central. All areas above normal for water year.

Average days suitable for fieldwork 5.4. Wet weather slowed harvest, damaged hay, some onions. Winter wheat seedings 60% complete, corn silage harvest 36% complete, 3rd cutting hay 72% complete. Onion, potato, dry bean harvests underway. Frost killed potato vines in time for harvest. Potato yields expected average with dry weather, onion harvest to be excellent. Dry bean yields average. Apple harvest underway. Livestock good, movement to winter range beginning. Western winter range feed poor.

**VIRGINIA:** Cool, very dry until 22nd. Rain 22nd eased dry conditions slightly. Precipitation ranged from 0.10 west to 1.25 in. southeast. Temperatures averaged 7° below normal.

Days suitable for fieldwork averaged 6.4. Topsoil moisture 95% short, 5% adequate. Corn 93% in or beyond dent stage, 93% 1984, 97% avg.; 84% mature, 80% 1984, 90% avg. Grain corn 44% harvested, 31% 1984, 36% avg. Silage corn 70% harvested, 74% 1984, 77% avg. Soybeans fair to mostly good. Dry weather causing pods to drop in some areas. Peanuts good to excellent. Some defoliation due to dry conditions. Rain needed to soften ground for harvest. Peanut 18% dug, 12% 1984, 9% avg.; 12% combined, 8% 1984, 4% avg. Flue-cured tobacco harvest 80% complete, 80% 1984, 86% avg. Fire-cured tobacco harvest 93% complete, 93% 1984, 93% avg. Burley tobacco harvest 89% complete, 87% 1984, 87% avg. Sun-cured harvest 84% complete. Rain needed to improve soil conditions for small grain planting, germination. Wheat 2% seeded, 3% 1984, 4% avg. Burley 12% seeded, 12% 1984, 11% avg. Oats 13% seeded, 17% 1984, 19% avg. Pastures mostly fair, declining with dry weather. Dry weather reducing apple size, causing premature drop. Cattle marketing very active.

**WASHINGTON:** Unsettled weather pattern statewide dropped considerable rain on both sides of Cascades through 18th. High pressure from Gulf of Alaska moved a drying trend into State after that.

Days suitable for fieldwork 4.7. Soil moisture 27% short, 45% fair, 28% adequate. Rains delayed seeding and harvesting. Winter wheat harvested

52%, 56% 1984, 48% avg. Winter wheat over one-third emerged. Potatoes harvested 30%, 39% 1984. Range and pasture 45% short, 55% adequate. Hay supplies 12% short, 88% adequate. Golden Delicious apple harvest full swing. Red Delicious harvest just underway. Vegetable harvest continued.

**WEST VIRGINIA:** Temperatures near normal. Low 28° at Greenbank, high 89° at Charleston, Wheeling, Ripley. Average temperature 64°. Precipitation below normal. Most rainfall Greenbank 0.09 in. Many stations recorded no precipitation.

Days worked 5.9. Soil moisture short to very short. Harvesting hay, cutting corn, general farm maintenance.

**WISCONSIN:** Average temperatures 4 to 8° above normal. Precipitation 0.40 to 1.00 in. north, 0.60 to 1.40 in. central, 0.80 to 0.90 in. south.

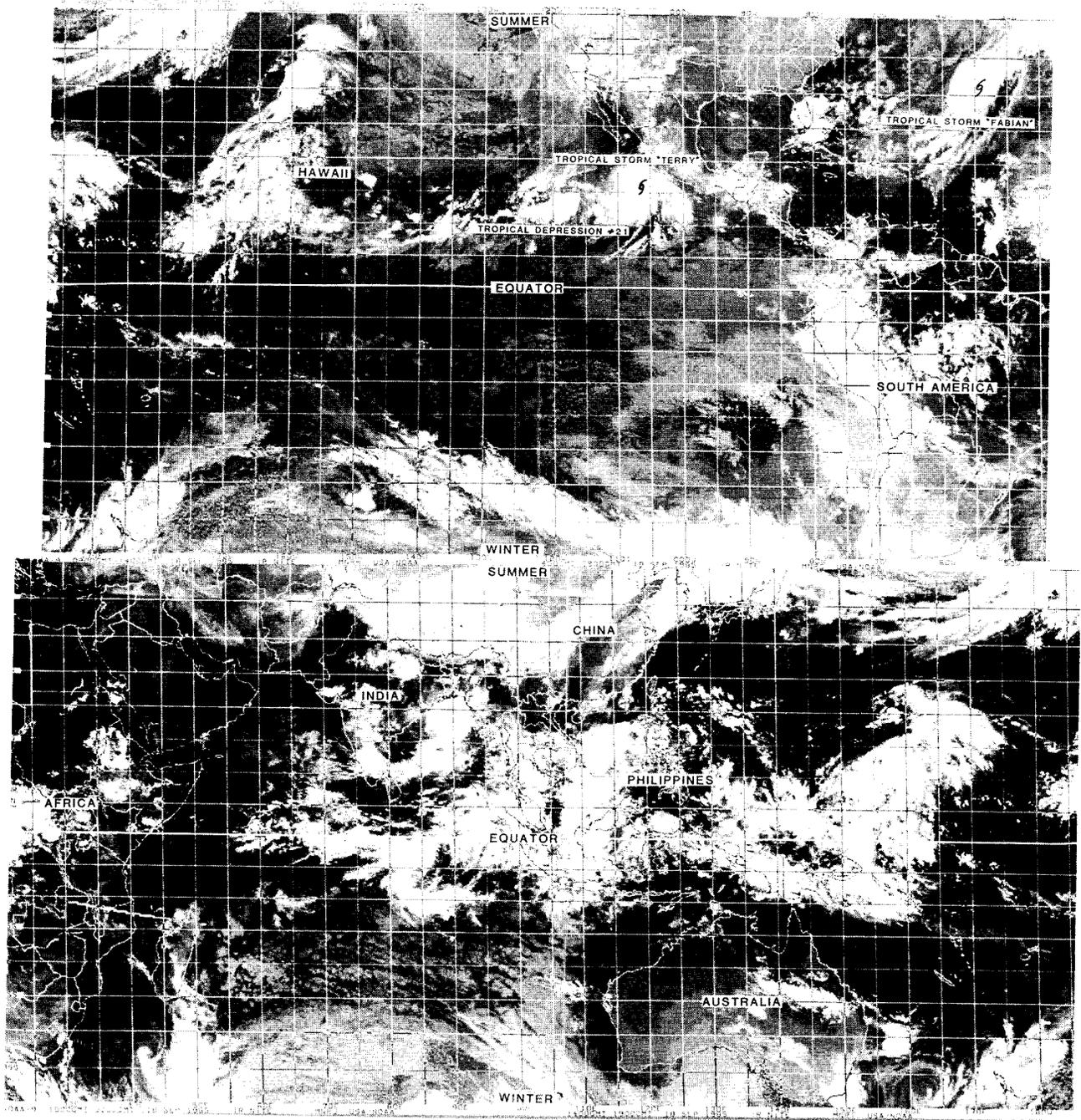
Days suitable for fieldwork 4.5. Soil moisture 5% short, 73% adequate, 22% surplus. General crop condition 2% very poor, 5% poor, 13% fair, 75% good, 5% excellent. Corn 4% very poor, 6% poor, 18% fair, 70% good, 2% excellent; dent 73%, 90% 1984, 79% avg.; mature 30%, 55% 1984, 53% avg. Soybeans turning 64%, 80% 1984, 72% avg; shedding leaves 25%, 39% 1984, 39% avg. Third cutting hay 60% complete, 57% 1984, 58% avg. Silo filling 14% complete, 22% 1984, 16% avg. Fall plowing 11% complete, none 1984, 4% avg. Potato harvest full swing, fall variety apple harvest started, tobacco harvest winding down, vegetable harvest slowed due to muddy conditions. Pasture condition 88% of normal, 81% 1984, 87% avg.

**WYOMING:** Average temperatures below normal northwest half, above normal elsewhere. Lows 20s and 30s, highs 70s and 80s. Precipitation above normal northwest, below normal southeast.

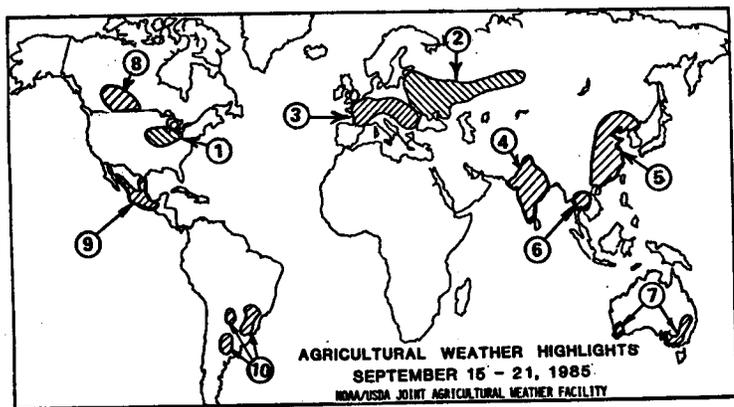
Days suitable for fieldwork 6.0. Topsoil moisture 70% short, 30% adequate. Winter wheat 75% seeded, 80% 1984, 75% avg.; 40% emerged, 50% 1984, 40% avg.; 25% poor, 55% fair, 20% good. Barley 10% mature, 10% 1984; 90% harvested, 90% 1984. Spring wheat harvest nearly complete, 95% 1984. Oats 10% mature, 10% 1984; 90% harvested, 90% 1984. Corn silage 55% harvested, 65% 1984, 40% avg. Potatoes 55% dug, 55% 1984, 35% avg. Dry beans 75% windrowed, 60% 1984, 65% avg.; 60% combined, 60% 1984, 50% avg. Corn 25% dough, 15% 1984; 60% dented, 45% 1984; 10% mature, 20% 1984; 5% harvested, 20% 1984. Sugarbeets 15% dug, 5% 1984. Livestock moving from summer ranges, 60% lambs lighter, 50% calves lighter compared with last year. Winter grazing prospects 60% poor, 30% fair, 10% good.

# GLOBAL WEATHER SATELLITE PHOTO

September 18, 1985



## International Weather and Crop Summary September 15-21, 1985

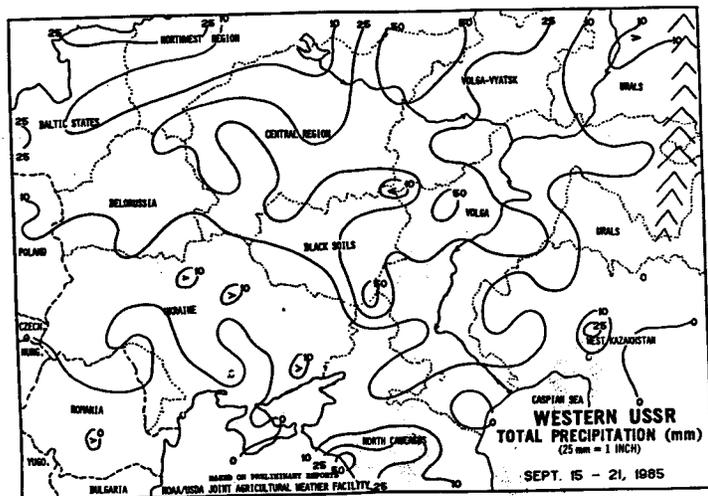
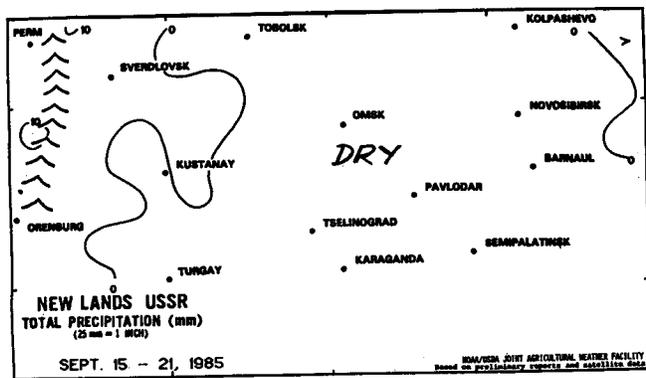


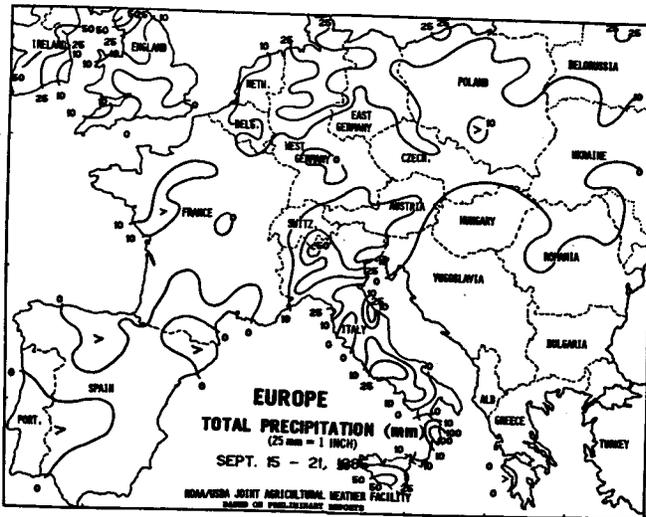
**HIGHLIGHTS:**

1. **UNITED STATES** ... Above-normal temperatures in most of the Midwest help crops develop at near-normal rates, but crop progress in the upper Midwest is still behind normal from previous cool, wet weather.
2. **USSR** ... In Western USSR, showers in the north favor winter grain establishment while dry weather in the south helps corn maturation and winter wheat planting. In the New Lands, continued unseasonably warm, dry weather benefits spring grain harvesting.
3. **EUROPE** ... Dry weather helps fieldwork over much of the region.
4. **SOUTH ASIA** ... Rain benefits most rice, but possibly damages maturing autumn rice in the north. Chronic dryness continues stressing cotton and groundnuts.
5. **EASTERN ASIA** ... Heavy rain is detrimental for maturing cotton, corn, and soybeans. Dry weather continues to benefit northeastern corn and soybeans.
6. **SOUTHEAST ASIA** ... Beneficial rain continues in Thailand's rainfed rice region.
7. **AUSTRALIA** ... Below-normal rain continues in most of the wheat belt while wheat's moisture requirements increase.
8. **CANADA** ... Wet, cold weather continues to hamper crop harvesting, falling well-behind schedule.
9. **MEXICO** ... Showers in the northwest benefit mountain reservoirs and early wheat planting. Mostly light rain fell in the Southern Plateau corn belt.
10. **SOUTH AMERICA** ... Heavy rain saturates Brazil's southern wheat again, while light showers moisten topsoils for summer crop planting in most other crop areas.

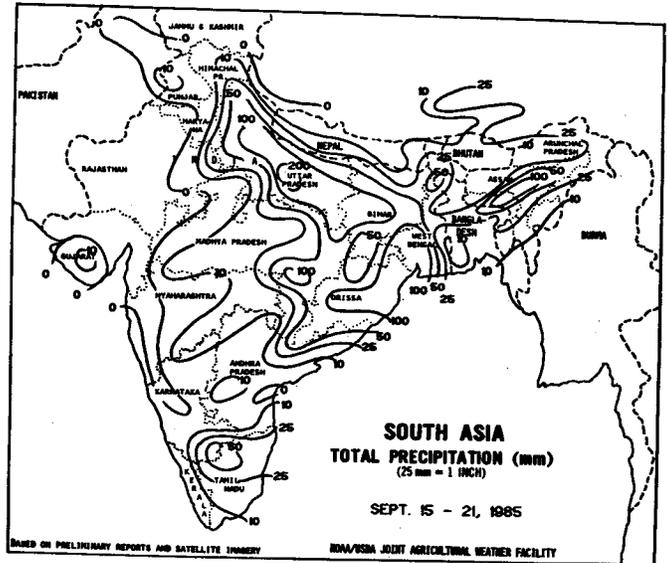
**USSR...** In Western USSR, widespread showers covered the north slowing late harvesting but favoring winter grain establishment. Highest amounts of rain (25-50mm) fell over crop areas in the eastern Black Soils Region, upper Volga Valley, and parts of the Central and Volga Vyatsk Regions. Mostly dry weather covered the Ukraine and parts of the North Caucasus, aiding corn maturation. Soil moisture in these areas remained adequate for winter wheat planting. Weekly temperatures were mostly seasonable, except for below-normal temperatures in the southeast.

In the New Lands, continued mostly dry weather and above-normal temperatures favored spring grain maturation and harvesting. Reports indicate that as of September 16, small grains and pulses, excluding corn, were about 85 percent harvested.

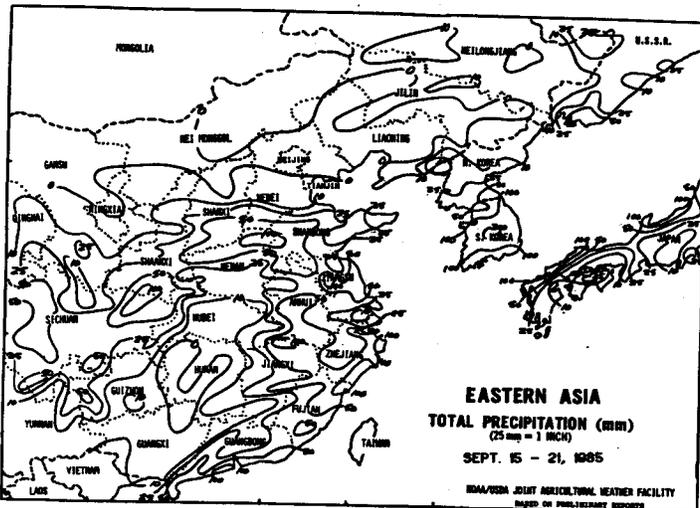




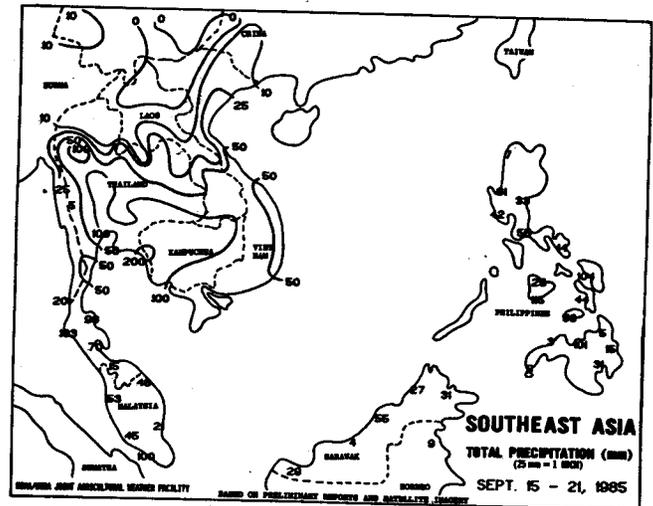
**EUROPE...**The main storm track continued across extreme northern Europe spreading showers over Ireland, and northern crop areas in England, West Germany, East Germany and Poland. Mostly dry weather covered the remainder of northern Europe, aiding fieldwork. Warm, dry weather in southwestern France favored corn maturation and early harvesting. An early-week storm system in the central Mediterranean spread significant showers over crop areas in Italy, increasing soil moisture for winter grain planting. Unseasonably warm, dry weather in southeastern Europe aided summer crop harvesting.



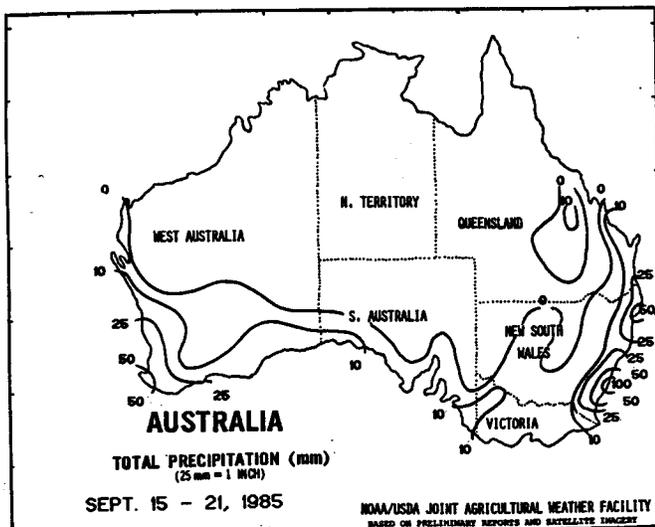
**SOUTH ASIA...**Monsoon rain continued to cover northeastern India. Generous rain (50-100mm) benefited winter rice in the heading stage in Orissa, Bihar, and eastern Uttar Pradesh. Heavy rain (100-200mm) fell in central and northern Uttar Pradesh, with flooding possibly damaging maturing autumn rice. However, the moisture will benefit wheat planting which normally begins in October. A tropical low pressure area drifted across the Bay of Bengal into Orissa, but winds remained relatively light and little or no damage is suspected. Light rain in the west continued to stress cotton and groundnuts in the boll and pod formation stages, respectively. Monsoon rain normally begins to withdraw from Gujarat and western Madhya Pradesh at this time in the season, while rain continues into October in the south.



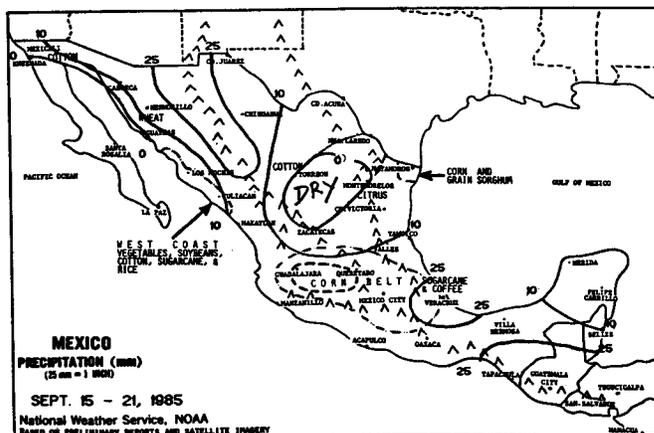
**EASTERN ASIA...**Unfavorable heavy rain continued in the North China Plain. Frontal systems moving into the North China Plain became stationary, producing heavy rain (50-100mm) from Sichuan through Henan and into Shandong. Heavy rain during the past 2 weeks has been unfavorable for maturing cotton, corn, and soybeans. Heavy rain in South Korea was unfavorable for maturing rice. Tropical Storm Val reached the coast of Guangdong with relatively weak winds. The remnants of Val spread moderate to heavy rain along the east coast with little or no damage likely to late rice in the filling stage. Heavy rain in Jiangsu was unfavorable for maturing cotton. Light showers fell in Heilongjiang, but dry weather benefited maturing corn and soybeans in Liaoning.



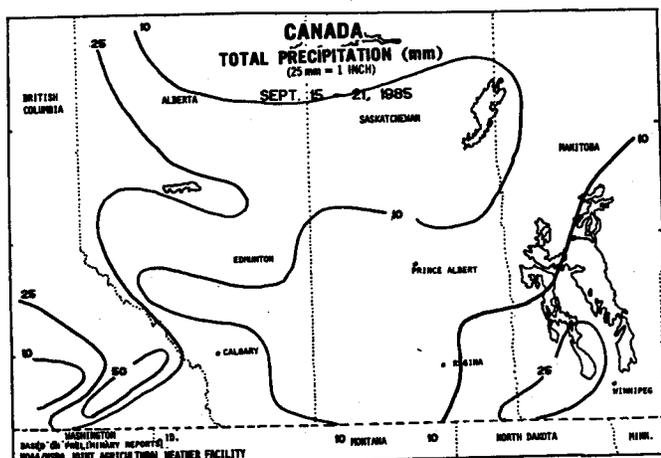
**SOUTHEAST ASIA...**Tropical activity was moderate early in the week and beneficial rain covered much of the region. Heavy rain (greater than 100mm) covered much of south central Thailand benefiting irrigated and rainfed rice. Rain decreased in northern Thailand but northeastern Thailand benefited from 25-50mm of rain. Moderate to heavy rain also favored rice in Kampuchea, southern Laos, and Vietnam. Moderate rain covered much of the Philippines, benefiting lowland rice in the heading stage.



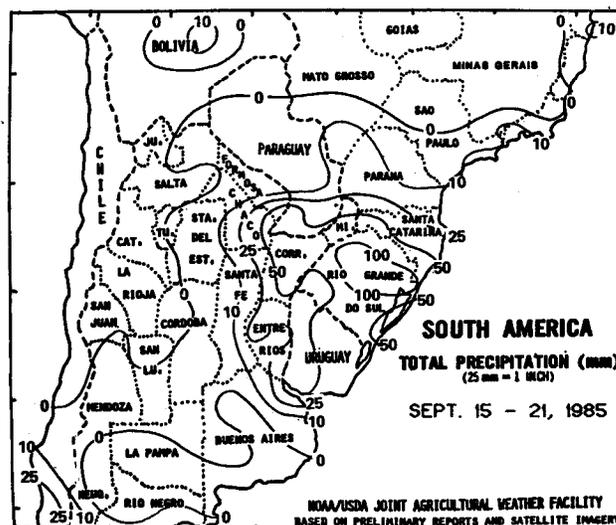
**AUSTRALIA...**Below-normal rain has fallen across most of the wheat belt during the last 3 to 4 weeks. Light, widely scattered showers (1-5mm) fell in parts of northern New South Wales and Queensland, but above-normal temperatures increased evaporation. Moderate to heavy rain fell along the east coast but did not extend into the major wheat areas. Relatively dry weather covered South Australia and southern New South Wales where cool temperatures eased the crop's moisture demand. Moderate rain (10-15mm) benefited heading wheat in Victoria. Moderate rain spread over Western Australia's wheat but only light rain reached the eastern area. Timely rain is needed in much of the wheat belt to prevent stressful conditions as the crop progresses through the reproductive stage.



**MEXICO...**Rainfall was generally light (less than 10mm) in the Southern Plateau corn belt, except in extreme southeastern portions near Veracruz where about 25mm of rain fell. The moisture benefited immature corn as well as sugarcane. Substantial showers (15-23mm) fell in the northwest, helping the mountain reservoirs and moistening topsoils for early wheat planting. Generally dry weather helped cotton harvesting in most areas. Light showers benefited west coast winter vegetable planting. Very light rain in the Yucatan was too insignificant to benefit early corn growth.



**CANADA...**Rain, snow, and cold weather hampered crop harvesting again in the Prairie Provinces. Frequent intervals of cloudy, showery weather were unfavorable for drying mature grains and oilseeds. Crop quality deterioration has been widespread across the grain belt. Weekly precipitation averaged 10-25mm over crop areas of eastern Saskatchewan, Manitoba, and northwestern Alberta. Precipitation averaged less than 10mm over the remainder of the grain belt, but cold weather and frost late in the week continued to slow harvest efforts. In Saskatchewan, the major spring wheat province, reports indicated that only about 35 percent of the total crop harvest is complete compared with the recent 5-year average of 85 percent by the third week in September.



**SOUTH AMERICA...** Wet weather continued over Brazil's southernmost state of Rio Grande do Sul and extreme northeastern Argentina. Heavy rain (50-129mm) saturated Brazil's southern wheat, likely promoting excessive weed growth and fungus. These problems have occurred frequently in past years for Rio Grande do Sul's immature wheat. Light showers (2-12mm) fell in Parana and southern Mato Grosso do Sul while dry weather covered more northern crop areas. Moisture is limited for cotton and corn planting in these areas. Light rain also fell over most of Argentina's wheat and summer crop areas. Weekly rainfall was less than 10mm except in the extreme east where heavier showers fell, extending into Uruguay. Mostly dry weather occurred over southern wheat areas of Buenos Aires and La Pampa. Moisture is generally adequate for early summer crop planting but southern wheat, advancing into heading in a few weeks, needs additional rain.

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