

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

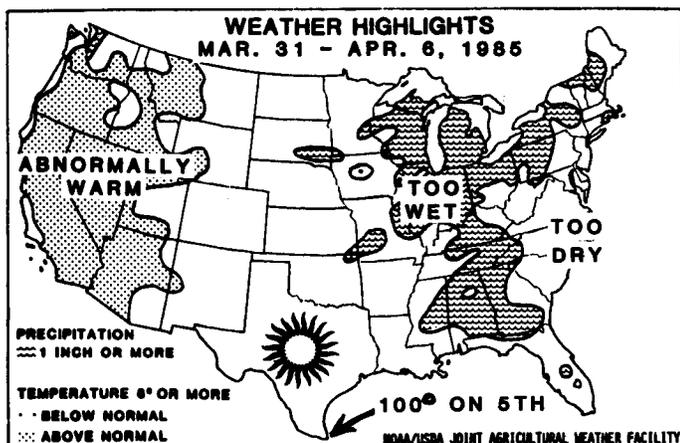
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Apr. 9, 1985

National Weather Summary

March 31 to April 6, 1985



with some stations reaching record-high temperatures in the low nineties.

WEDNESDAY...Freezing temperatures reached southward to the southern Appalachians and through most of North Carolina. Record-low temperatures were recorded as far south as Florida. In contrast, the Southwest recorded high readings in the nineties. Rainshowers scattered from Iowa through the lower Great Lakes States and the Northeast. A few rain or snowshowers fell in the northern Rockies.

THURSDAY...Snow fell in the early morning from Iowa into the Great Lakes. Later in the day, thunderstorms rumbled across the States bordering the lower Lakes and rainshowers spread through the Northeast. Rainshowers and gusty wind created problems through the central Plains, while snow accompanied the high wind in the northern and central Rockies and parts of the northern Plains. Unseasonably warm weather continued across the South and throughout California.

FRIDAY...Showers and thunderstorms developed ahead of a cold front moving through the middle and lower Mississippi Valley. Severe storms triggered violent winds, hail, and tornadoes through the lower Mississippi Valley, the Tennessee Valley, and into Georgia. Less violent storms moved through the Ohio Valley and the lower Great Lakes. Showers and gusty winds were reported in all the East Coast States. It was somewhat cooler in the Southeast, but the unseasonably warm weather continued in the West.

SATURDAY...Showers accompanied gusty winds from the lower Great Lakes and Ohio Valley through the Northeast. Showers and thunderstorms also developed in Florida and the central Plains, while light snow fell in the northern Plains and Lakes. Unusually warm weather spread over all of the West Coast States.

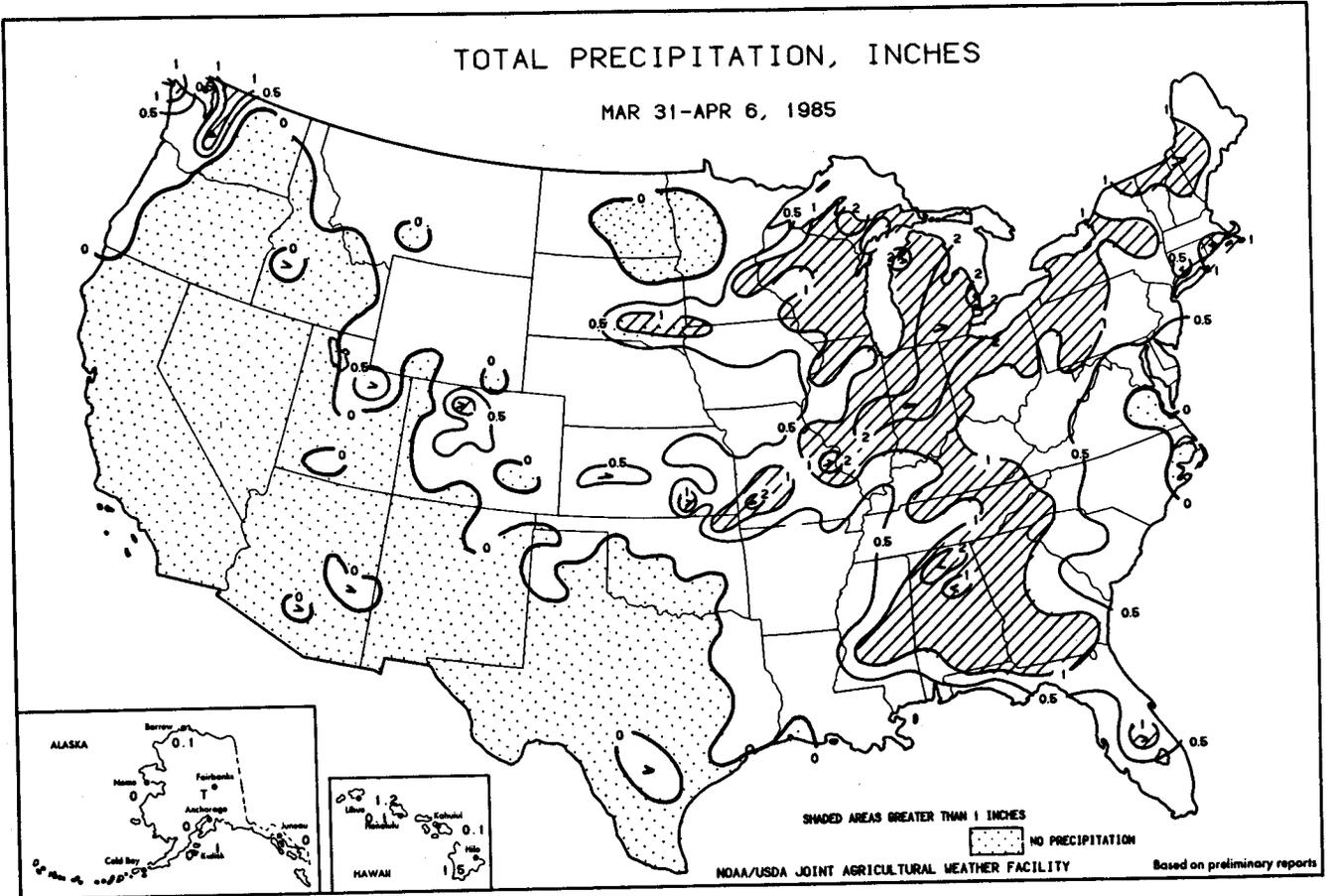
HIGHLIGHTS: It was wet and windy in the East and dry and warm in the West. High wind accompanied light showers and plagued the Rockies and Plains. Early in the week, a late-winter storm spread snow from Nebraska and northern Kansas to the Great Lakes and the Northeast. With the same storm, thunderstorms rumbled across the lower Great Lakes States. Later, thunderstorms developed along and ahead of a cold front that moved from the middle and lower Mississippi Valley to the Appalachians. Severe weather from the lower Mississippi Valley into the Southeast included tornadoes, hail, and high winds. The Southeast and the West had record-high temperatures and the East had record-low temperatures later in the week. This week's average temperatures were unusually high in the West--as much as 10-15 degrees above normal in northern California.

SUNDAY...A winter storm moving northeastward spread snow from northern Kansas and Nebraska to the upper Great Lakes and western New York. Showers, thunderstorms, and a few tornadoes swept the lower Lakes region. Showers or rain covered the east coast and Appalachians from the Florida Panhandle to New England. Cooler weather pushed into the upper Mississippi Valley, but summerlike weather prevailed in the Southeast and Southwest.

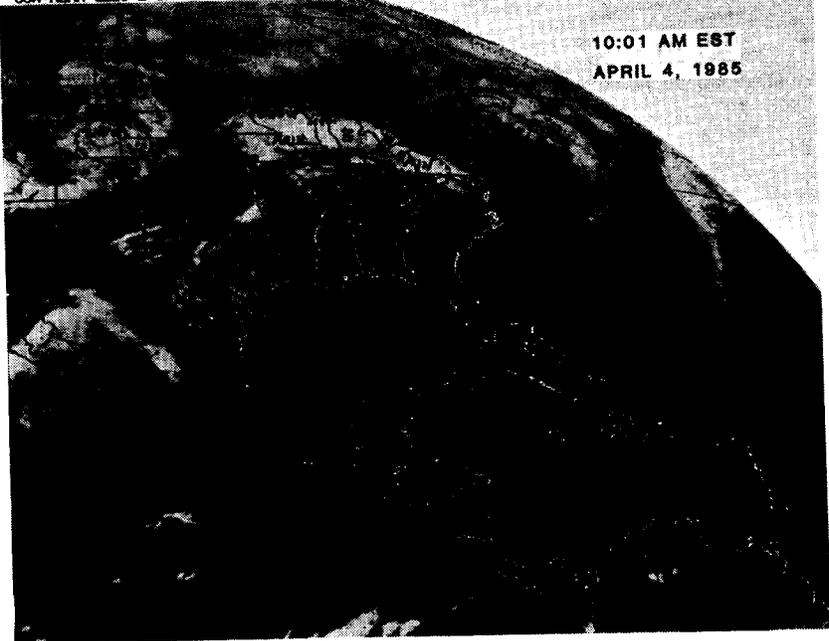
MONDAY...Snow was confined to the upper Lakes, New York, and New England. A few showers fell from the lower Lakes region to the east coast. A few showers and thunderstorms fell in Florida and the central gulf coast region. Afternoon temperatures in the eighties covered much of California and southern Arizona.

TUESDAY...Snowshowers persisted through the Great Lakes region and the Northeast. Cool weather with some frost reached into the lower Appalachians. Light showers fell in southern Florida and unusually warm weather continued in Arizona and California,

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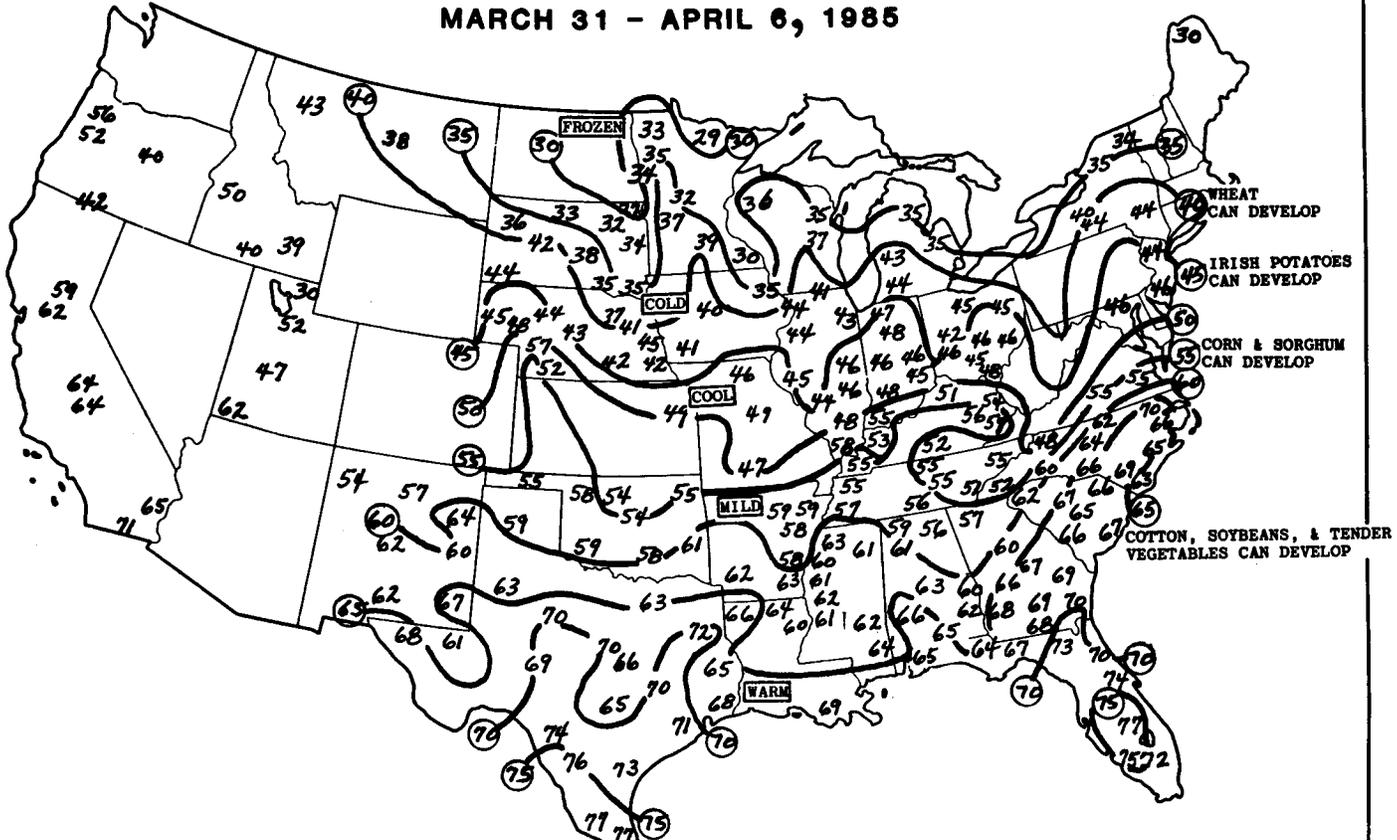


A SPRING STORM SPREADS RAIN AND A FEW THUNDERSTORMS FROM IOWA THROUGH THE LOWER GREAT LAKES TO PENNSYLVANIA. MIXED SNOW AND RAIN FELL IN THE UPPER LAKES REGION.

A TROUGH OF LOW PRESSURE, EXTENDING NORTHWARD THROUGH THE NORTHERN HIGH PLAINS, TRIGGERS LIGHT SNOW THROUGH THE UPSLOPE AREAS.

CLEAR WEATHER IN THE SOUTHEAST ALLOWED FIELDWORK TO PROGRESS RAPIDLY.

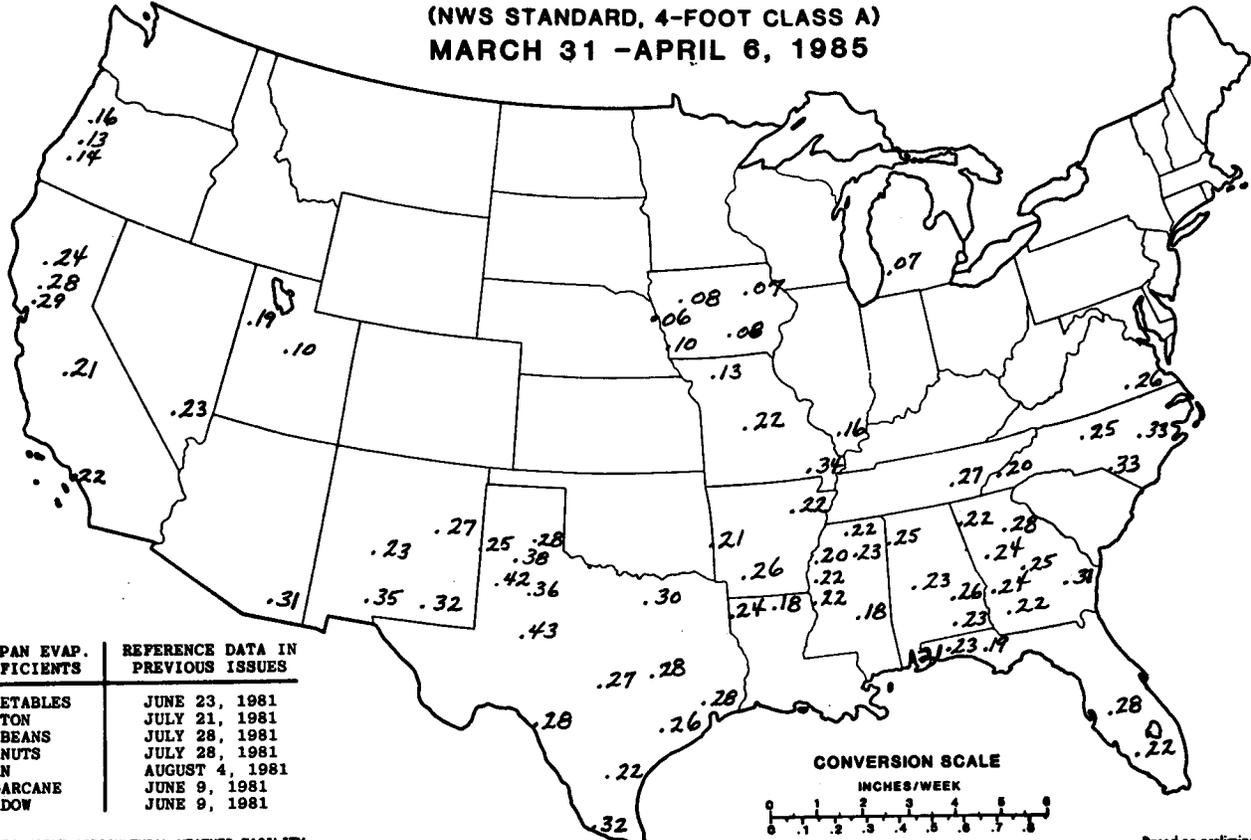
AVERAGE SOIL TEMPERATURE (4-INCH BARE)
MARCH 31 - APRIL 6, 1985



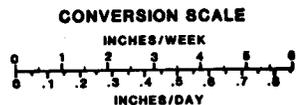
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

Based on preliminary reports

AVERAGE PAN EVAPORATION (INCHES/DAY)
(NWS STANDARD, 4-FOOT CLASS A)
MARCH 31 - APRIL 6, 1985

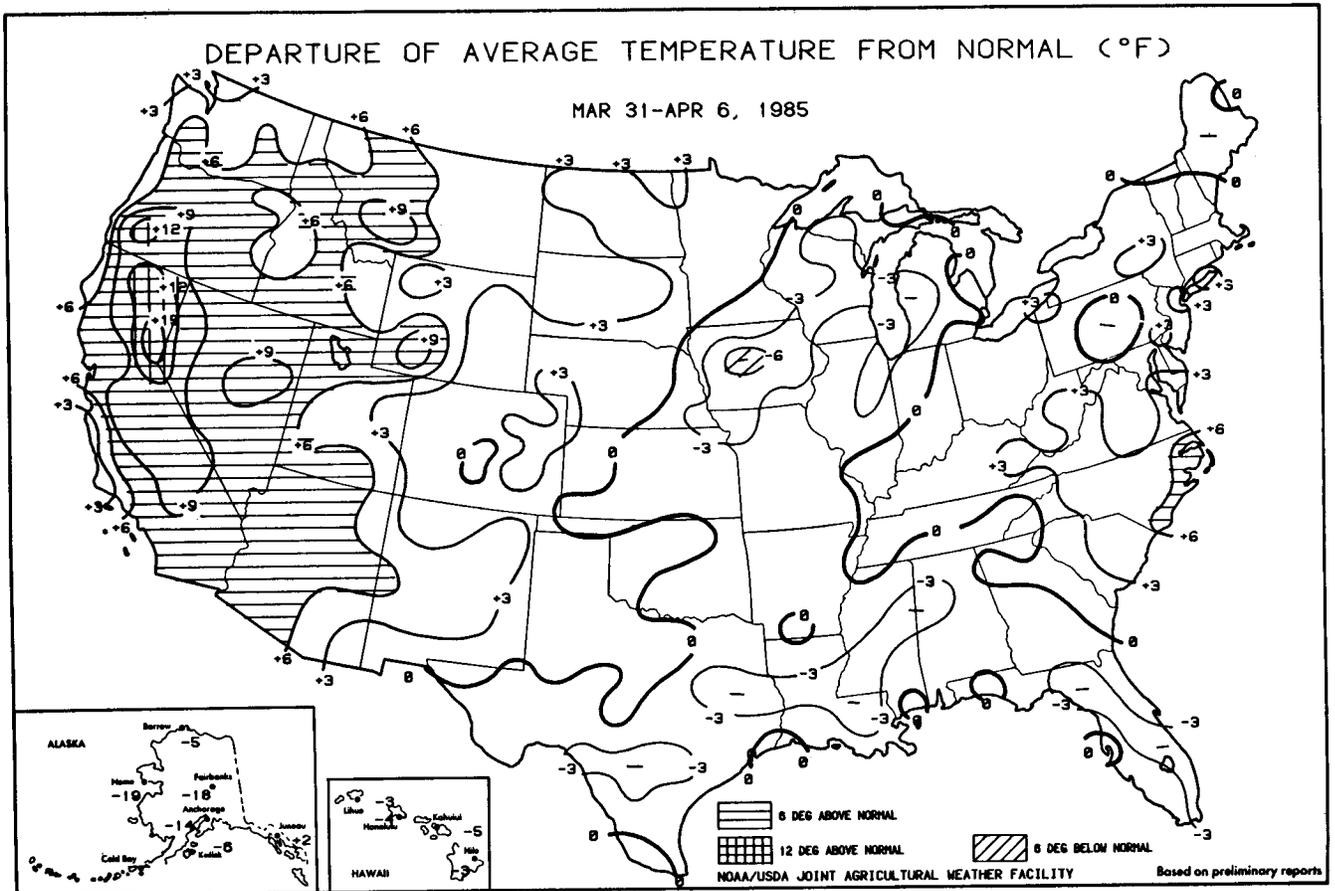
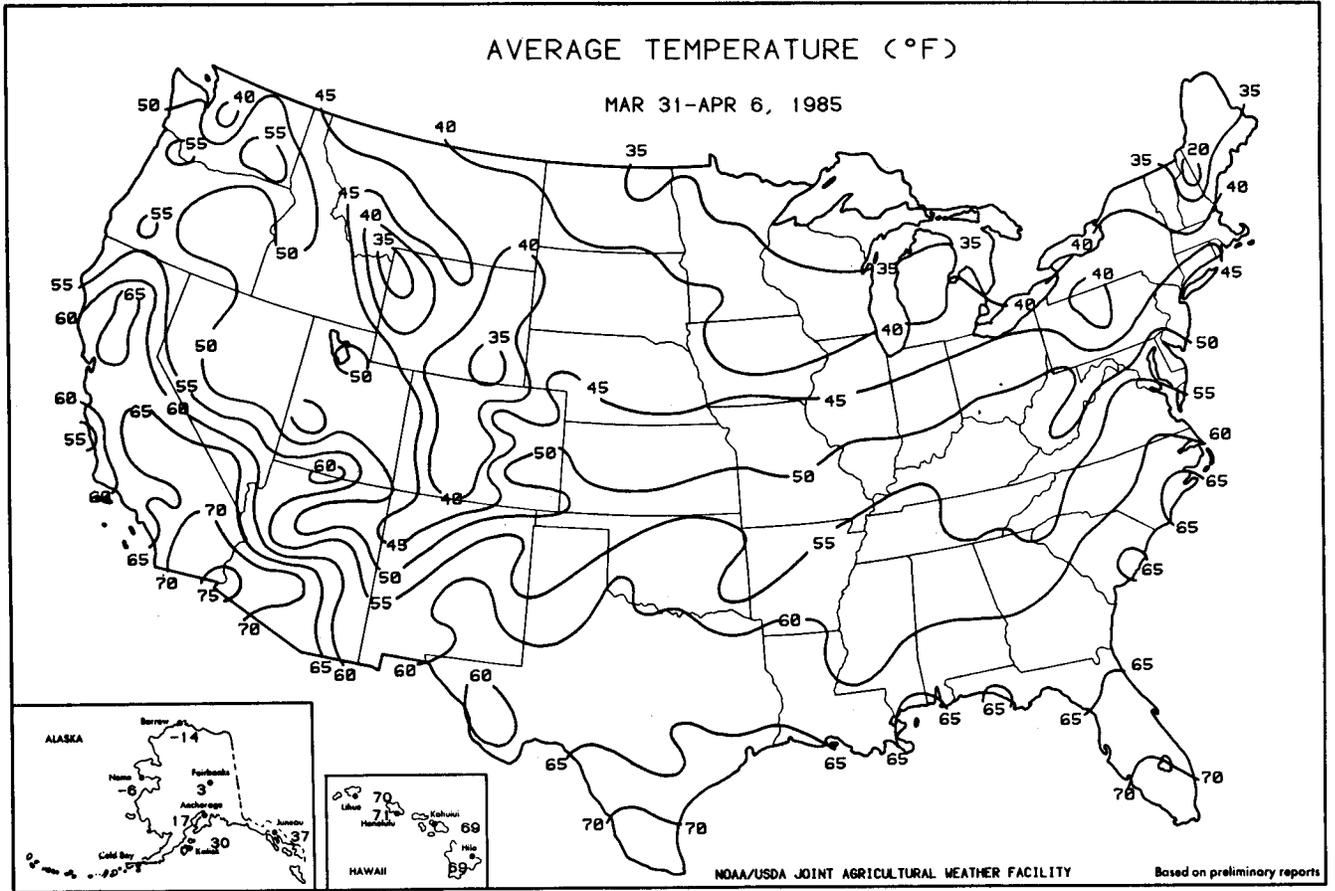


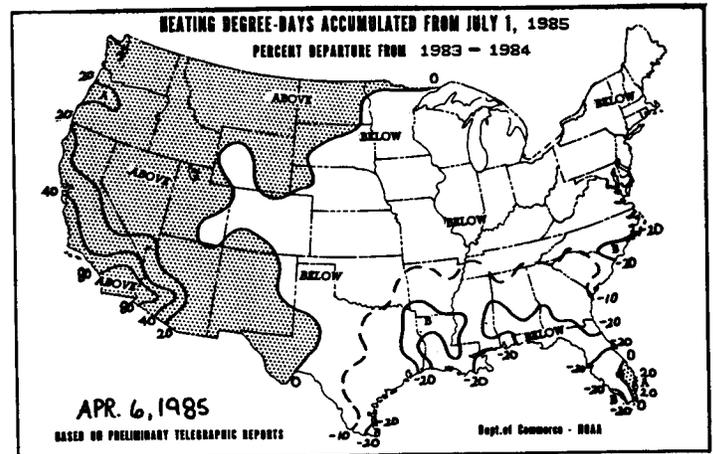
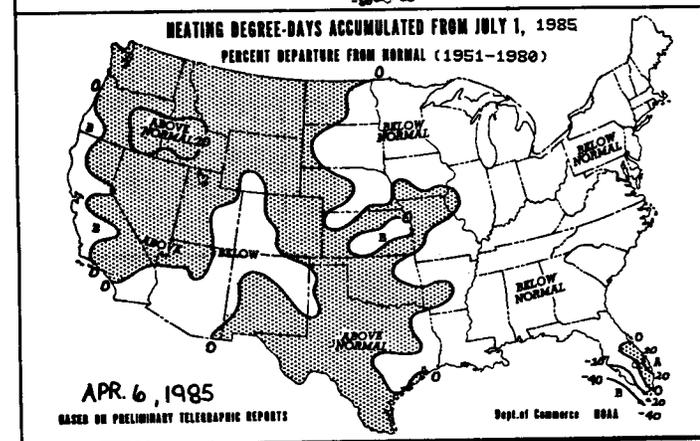
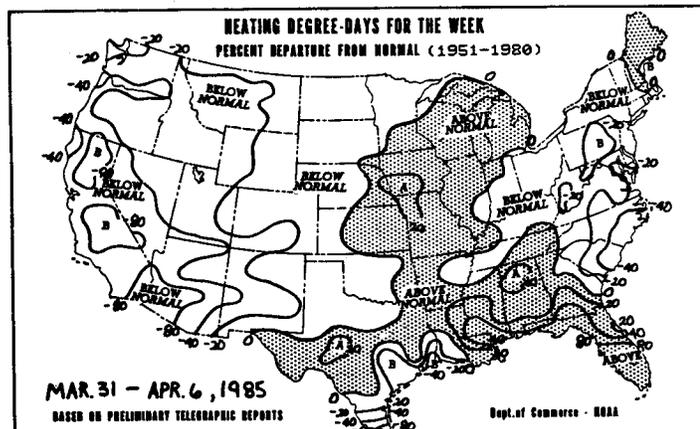
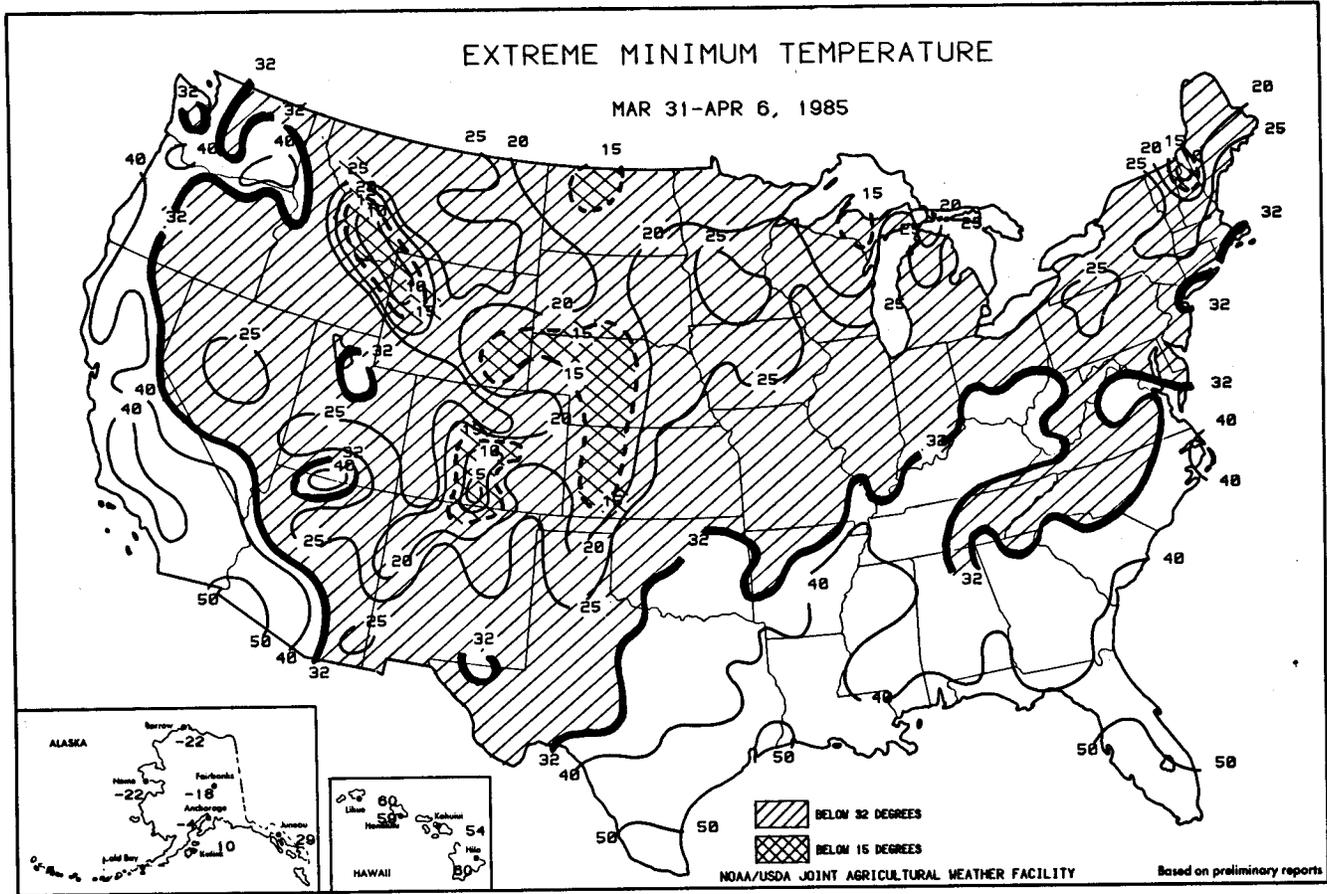
CROP-PAN EVAP. COEFFICIENTS	REFERENCE DATA IN PREVIOUS ISSUES
VEGETABLES	JUNE 23, 1981
COTTON	JULY 21, 1981
SOYBEANS	JULY 28, 1981
PEANUTS	JULY 28, 1981
CORN	AUGUST 4, 1981
SUGARCANE	JUNE 9, 1981
MEADOW	JUNE 9, 1981



NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

Based on preliminary reports





Weather Data for the Week Ending April 6, 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 MAR. 1	PCT. NORMAL SINCE MAR. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE		PRECIPITATION		
																90 AND ABOVE	52 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
AL BIRMINGHAM	71	42	80	35	56	-3	.9	-.5	.5	2.4	31	12.3	69	83	32	0	0	2	1	
MOBILE	75	49	79	41	62	-3	.4	-1.0	.2	5.7	75	17.2	101	83	37	0	0	3	0	
MONTGOMERY	75	46	84	39	61	-1	1.3	.2	1.0	3.0	43	15.3	98	90	37	0	0	3	1	
AK ANCHORAGE	25	8	34	-4	17	-14	T	-.1	T	.9	106	2.4	96	83	47	0	7	0	0	
BARROW	-10	-19	-6	-22	-14	-5	.1	0	0	.2	78	.3	50	69	52	0	7	2	0	
FAIRBANKS	17	-11	32	-18	3	-18	T	-.1	T	.6	128	1.5	107	78	42	0	7	1	0	
JUNEAU	40	33	44	29	37	2	T	-.6	T	.3	7	1.2	11	96	64	0	3	3	0	
KODIAK	36	23	43	10	30	-6	T	-.2	T	.8	6.6	138	22.4	115	79	47	0	3	0	
NOME	4	-16	10	-22	-6	-19	T	-.1	T	1.5	216	2.6	130	81	60	0	7	0	0	
AZ PHOENIX	88	58	93	47	73	8	0	-.1	0	.5	51	1.6	73	43	10	4	0	0	0	
PRESCOTT	71	37	75	28	54	8	0	-.2	0	1.7	97	4.4	88	65	21	0	2	0	0	
TUCSON	83	49	90	36	66	4	0	-.1	0	.2	26	3.0	136	44	10	1	0	0	0	
YUMA	91	58	97	52	75	7	0	-.1	0	T	17	.3	33	43	14	5	0	0	0	
AR FORT SMITH	70	42	82	34	56	-1	.1	-.8	.1	7.6	163	15.0	165	81	33	0	0	1	0	
LITTLE ROCK	70	47	84	40	58	0	.2	-1.0	.2	5.5	92	11.8	89	75	36	0	0	1	0	
CA BAKERSFIELD	86	50	91	40	68	8	0	-.2	0	.5	49	1.4	45	73	23	2	0	0	0	
EUREKA	59	46	69	44	52	3	0	-.9	0	4.7	81	9.0	50	98	77	0	0	0	0	
FRESNO	84	51	90	43	68	11	0	-.4	0	1.7	91	2.9	50	83	31	1	0	0	0	
LOS ANGELES	72	55	90	49	64	5	T	-.3	T	.7	36	3.3	43	75	40	1	0	0	0	
RED BLUFF	83	53	86	48	68	12	0	-.4	0	3.1	111	4.6	43	70	28	0	0	0	0	
SACRAMENTO	80	50	83	43	65	9	0	-.4	0	2.0	84	4.2	45	97	44	0	0	0	0	
SAN DIEGO	73	58	88	51	66	6	T	-.3	T	.6	31	1.8	33	73	44	0	0	0	0	
SAN FRANCISCO	75	50	82	45	63	9	0	-.5	0	3.3	107	6.4	59	91	48	0	0	0	0	
CO DENVER	59	32	74	26	46	3	T	-.3	T	.7	48	2.0	74	68	24	0	4	1	0	
GRAND JUNCTION	63	34	72	30	49	1	T	-.2	T	.9	101	1.7	81	71	28	0	2	1	0	
PUEBLO	71	31	91	23	51	4	T	-.2	T	.5	63	1.5	107	74	16	1	4	0	0	
CT BRIDGEPORT	53	40	66	32	46	2	.4	-.5	.2	2.2	46	5.2	47	87	43	0	1	3	0	
HARTFORD	54	35	75	24	44	0	.7	-.3	.4	2.4	48	4.8	41	81	39	0	5	3	0	
DC WASHINGTON	65	45	82	36	55	3	.1	-.6	.1	1.8	44	7.0	74	73	33	0	0	1	0	
FL APALACHICOLA	74	53	79	41	63	-2	.4	-.4	.3	2.6	54	10.0	84	86	46	0	0	2	0	
DAYTONA BEACH	79	54	89	44	66	-1	.6	.1	.5	2.1	61	3.5	39	84	38	0	0	2	1	
JACKSONVILLE	78	49	86	40	64	-2	.7	-.1	.7	2.0	47	4.5	41	90	34	0	0	2	1	
KEY WEST	79	68	83	56	74	-3	T	-.3	T	2.2	139	2.8	54	67	49	0	0	1	0	
MIAMI	80	62	89	53	71	-3	.1	-.4	.1	1.5	64	1.9	29	89	46	0	0	1	0	
ORLANDO	79	55	86	46	67	-2	.6	.1	.6	5.2	142	7.4	86	93	41	0	0	3	1	
TALLAHASSEE	77	45	82	34	61	-4	1.6	.5	1.4	4.7	73	9.3	57	94	37	0	0	2	1	
TAMPA	79	58	86	47	69	-1	.3	-.2	.3	2.1	54	6.3	69	85	43	0	0	3	0	
WEST PALM BEACH	79	59	90	48	69	-3	.3	-.4	.3	3.8	116	5.1	59	90	47	1	0	0	0	
GA ATLANTA	70	45	81	38	58	-1	1.2	0	.7	2.6	32	11.7	72	75	30	0	0	2	1	
AUGUSTA	77	46	85	34	61	2	.5	-.5	.3	1.7	30	11.5	84	84	28	0	0	3	0	
MACON	75	46	82	36	60	-2	.8	-.2	.7	1.9	32	9.8	66	88	36	0	0	3	1	
SAVANNAH	78	51	87	39	64	1	.5	-.3	.4	2.1	47	4.0	37	80	26	0	0	2	0	
HI HILO	74	63	77	60	69	-3	1.5	-1.6	.7	23.1	142	41.4	106	88	63	0	0	3	2	
HONOLULU	80	63	84	59	71	-4	.1	-.5	.1	1.3	33	6.6	63	87	51	0	0	1	0	
KAHULUI	77	62	79	54	69	-5	.1	-.4	.1	2.2	64	4.6	43	92	55	0	0	1	0	
LIHUE	76	64	78	60	70	-3	1.2	.3	.5	2.2	42	12.2	80	83	55	0	0	5	0	
ID BOISE	64	36	71	31	50	5	.1	-.2	.1	1.0	79	1.8	45	77	31	0	1	1	0	
LEWISTON	66	43	72	37	54	7	T	-.2	T	.7	57	1.6	46	68	30	0	0	0	0	
POCATELLO	58	33	66	29	46	5	0	-.2	0	1.5	132	3.1	100	78	38	0	2	0	0	
IL CHICAGO	48	33	60	25	41	-3	.9	.1	.5	5.3	162	10.3	166	96	55	0	3	5	0	
MOLINE	52	35	62	27	43	-1	1.2	.4	.9	5.6	160	9.3	145	84	51	0	2	3	1	
PEORIA	55	35	76	26	45	-1	.8	-.1	.6	6.4	178	10.0	152	90	49	0	2	3	1	
QUINCY	56	35	77	25	45	-2	.6	-.3	.4	3.6	92	7.8	116	90	48	0	2	3	0	
ROCKFORD	48	32	59	22	40	-2	1.2	.3	.5	4.3	129	7.2	120	94	56	0	3	4	0	
SPRINGFIELD	56	37	76	26	47	-2	1.0	.1	.9	5.1	129	8.7	119	90	48	0	2	4	1	
IN EVANSVILLE	63	43	78	32	53	1	.8	-.2	.6	6.8	125	12.8	112	89	39	0	1	3	1	
FORT WAYNE	57	35	76	28	46	2	2.2	1.4	1.1	5.1	140	10.7	139	83	52	0	2	6	2	
INDIANAPOLIS	58	38	75	31	48	0	2.6	1.6	1.1	7.4	168	12.4	131	83	47	0	2	4	2	
SOUTH BEND	51	35	67	28	43	-1	1.8	.9	1.3	5.4	140	12.3	148	83	51	0	2	6	1	
IA DES MOINES	49	31	67	23	40	-4	.5	-.2	.4	3.4	124	6.1	124	89	51	0	4	3	0	
SIOUX CITY	50	29	71	17	40	-3	.3	-.2	.2	2.3	109	2.7	73	80	48	0	5	3	0	
WATERLOO	45	31	60	24	38	-3	.7	-.1	.4	3.1	108	4.9	104	79	54	0	4	3	0	
KS CONCORDIA	57	34	74	27	46	-2	.1	-.3	.1	1.1	47	3.0	81	90	48	0	2	1	0	
DODGE CITY	63	35	79	15	49	0	.5	.1	.4	1.5	86	3.8	136	80	33	0	2	2	0	
GOODLAND	60	32	78	16	46	2	T	-.2	T	.3	28	1.0	50	79	30	0	3	2	0	
TOPEKA	60	35	75	29	48	-2	.6	-.1	.3	2.9	105	5.6	119	86	42	0	3	4	0	
WICHITA	64	37	79	29	51	-1	.3	-.2	.2	2.0	81	4.3	108	93	38	0	2	3	0	
KY BOWLING GREEN	64	42	79	35	53	0	.9	-.2	.5	3.1	48	7.4	50	84	40	0	0	2	1	
LEXINGTON	63	41	79	33	52	1	.9	-.2	.4	4.3	75	7.3	58	76	34	0	0	4	0	
LOUISVILLE	65	43	80	34	54	2	1.1	.1	.6	5.1	90	9.4	77	72	31	0	0	1	0	
LA ALEXANDRIA	74	48	80	43	61	-3	.4	-.8	.4	3.6	58	15.6	95	88	37	0	0	1	0	
BATON ROUGE	74	49	80	42	62	-4	.3	-.9	.3	4.3	76	14.7	97	88	35	0	0	1	0	
LAKE CHARLES	77	52	85	44	64	-1	T	-.8	T	3.6	95	13.8	116	90	35	0	0	0	0	
NEW ORLEANS	73	54	76	47	63	-3	.2	-.8	.1	7.2	129	21.2	134	74	40	0	0	2	0	

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending April 6, 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 MAR. 1	PCT. NORMAL SINCE MAR. 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
ME SHREVEPORT	75	46	82	40	60	-2	T	-1.0	T	4.3	93	11.1	92	91	33	0	0	1	0
ME CARIBOU	36	24	46	16	30	-2	.7	.1	.3	2.5	86	6.2	84	88	64	0	7	5	0
ME PORTLAND	45	32	56	28	38	0	.9	-.1	.5	3.9	83	6.5	54	95	55	0	4	5	0
MD BALTIMORE	62	39	82	27	51	1	.4	-.4	.4	2.4	55	7.4	71	67	31	0	2	2	0
MD SALISBURY	65	40	80	26	53	2	T	-.8	T	2.3	48	8.1	70	94	42	0	3	1	0
MA BOSTON	51	37	68	32	44	-1	.7	-.3	.3	2.7	55	5.6	44	98	48	0	2	4	0
MA CHATHAM	49	37	55	32	43	2	.9	0	.6	5.0	104	8.6	65	--	--	0	1	6	1
MI ALPENA	39	29	45	26	34	-1	1.7	1.1	.7	4.3	180	8.8	163	99	63	0	6	7	2
MI DETROIT	49	31	64	29	40	-2	2.1	1.4	1.0	5.9	187	12.4	185	93	53	0	6	7	2
MI FLINT	47	34	53	31	41	0	3.0	2.3	1.4	6.7	249	11.7	202	94	61	0	3	6	2
MI GRAND RAPIDS	44	32	51	29	38	-3	1.9	1.1	.7	6.0	188	11.1	168	98	62	0	5	6	2
MI HOUGHTON LAKE	39	28	48	24	33	-3	1.5	.9	.6	4.9	208	8.5	163	96	59	0	7	7	2
MI LANSING	45	31	51	28	38	-3	2.2	1.6	1.3	5.6	195	10.6	171	97	66	0	5	4	2
MI MARQUETTE	36	21	42	6	28	-3	3.4	2.6	1.9	6.2	177	12.0	162	96	56	0	7	6	2
MI MUSKEGON	43	31	50	29	37	-3	1.1	.4	.3	5.0	157	10.3	143	86	61	0	5	6	0
MI SAULT STE. MARIE	38	27	42	18	33	0	1.3	.8	.4	3.7	151	9.2	144	95	57	0	6	7	0
MN ALEXANDRIA	48	29	59	25	38	4	0	-.4	0	2.0	128	2.9	94	84	34	0	5	0	0
MN DULUTH	42	25	51	23	33	1	.2	-.3	.2	1.8	84	2.9	67	81	46	0	7	2	0
MN INT'L FALLS	41	24	53	18	33	1	T	-.3	T	.7	53	1.8	60	82	46	0	7	1	0
MN MINNEAPOLIS	47	30	56	26	39	0	1.3	.8	1.3	4.5	215	5.8	157	71	39	0	5	1	1
MN ROCHESTER	41	30	52	21	36	-2	.7	.2	.4	2.7	126	4.0	111	82	58	0	5	2	0
MS GREENWOOD	70	47	81	41	58	-2	.5	-.9	.5	3.3	44	10.1	59	89	41	0	0	1	0
MS JACKSON	73	44	82	38	58	-3	1.3	-.1	.8	4.3	61	15.8	96	94	37	0	0	3	1
MS MERIDIAN	76	43	82	38	60	-2	1.6	.2	1.0	3.7	48	13.0	75	96	34	0	0	3	1
MO CAPE GIRARDEAU	66	44	75	35	55	--	.6	-.4	.6	7.8	131	13.9	117	86	44	0	0	2	1
MO COLUMBIA	59	37	78	29	48	-2	.6	-.2	.6	3.8	96	11.0	151	85	43	0	2	2	1
MO KANSAS CITY	58	34	71	27	46	-4	.3	-.3	.2	2.3	78	6.0	113	87	40	0	4	3	0
MO SAINT LOUIS	61	39	79	29	50	-1	1.5	.7	1.3	6.6	166	10.9	140	88	45	0	1	4	1
MO SPRINGFIELD	61	38	78	28	50	-2	1.4	.5	1.0	9.0	213	14.8	185	82	42	0	2	4	1
MT BILLINGS	55	35	67	31	45	6	.3	-.1	.1	2.3	167	3.0	97	82	31	0	2	3	0
MT GLASGOW	50	32	65	25	41	5	.2	0	.1	.5	87	.6	43	91	45	0	4	4	0
MT GREAT FALLS	54	37	67	30	45	8	.2	-.1	.1	1.2	102	1.8	62	77	32	0	3	3	0
MT HAVRE	51	33	64	25	42	5	.4	-.2	.4	1.4	199	1.8	106	86	42	0	4	1	0
MT HELENA	54	36	69	28	45	8	.1	-.2	0	.4	47	1.0	50	69	28	0	2	2	0
MT KALISPELL	51	32	57	29	42	4	.1	-.1	.1	.9	83	2.4	65	77	42	0	5	2	0
MT MILES CITY	54	32	68	26	43	4	.1	-.1	.1	1.1	135	1.3	68	90	44	0	4	1	0
MT MISSOULA	56	35	65	28	45	6	.1	-.1	.1	.5	52	1.4	44	90	35	0	2	3	0
NE GRAND ISLAND	57	32	76	24	44	0	.1	-.4	.1	1.2	50	1.7	52	75	38	0	4	2	0
NE LINCOLN	55	30	74	20	42	-3	.1	-.5	.1	1.4	57	2.2	54	89	48	0	5	2	0
NE NORFOLK	53	32	73	23	42	0	.3	-.1	.1	1.6	85	2.0	63	88	44	0	4	4	0
NE NORTH PLATTE	60	27	76	13	43	1	.1	-.3	.1	.5	38	1.2	50	87	28	0	6	1	0
NE OMAHA	52	32	71	23	42	-3	.3	-.3	.3	1.7	68	2.8	68	81	52	0	4	3	0
NE SCOTTSBLUFF	59	25	77	17	42	1	.2	-.1	.1	.5	43	1.3	65	77	25	0	7	3	0
NE VALENTINE	55	27	72	12	41	1	.4	-.1	.2	1.0	86	1.6	84	81	35	0	4	4	0
NV ELY	64	30	69	25	47	9	0	-.2	0	1.1	98	2.0	80	84	27	0	6	0	0
NV LAS VEGAS	82	50	86	40	66	6	0	-.1	0	.1	13	.3	21	42	14	0	0	0	0
NV RENO	73	34	79	29	53	10	0	-.1	0	1.1	124	2.0	67	80	19	0	2	0	0
NV WINNEMUCCA	70	30	77	26	50	8	0	-.2	0	.7	92	2.2	92	92	23	0	6	0	0
NH CONCORD	47	30	60	21	39	-1	.7	0	.3	3.6	101	6.5	74	99	41	0	5	5	0
NJ ATLANTIC CITY	60	38	78	25	49	2	.1	-.7	.1	2.3	49	6.0	52	88	39	0	2	1	0
NM ALBUQUERQUE	70	37	76	28	54	3	0	-.1	0	.7	109	1.7	113	50	11	0	2	0	0
NM CLOVIS	70	38	79	26	54	2	0	-.1	0	2.4	324	3.9	217	63	16	0	1	0	0
NM ROSWELL	78	44	85	31	61	3	0	-.1	0	.7	206	1.0	111	52	15	0	1	0	0
NY ALBANY	52	36	80	24	44	3	1.5	.8	.8	4.6	126	6.6	80	92	46	0	3	5	2
NY BINGHAMTON	50	33	75	26	42	2	.9	-.2	.7	3.9	109	6.4	76	84	45	0	5	6	1
NY BUFFALO	50	34	75	30	42	1	1.6	-.9	1.0	5.0	140	12.6	140	92	51	0	4	6	1
NY NEW YORK	56	42	71	36	49	2	.8	-.2	.5	2.9	60	5.5	50	85	39	0	0	3	0
NY ROCHESTER	52	34	77	30	43	3	1.6	1.0	1.1	4.0	131	8.3	108	89	56	0	3	5	1
NY SYRACUSE	49	34	72	26	42	1	1.0	.2	.5	3.0	80	7.0	78	98	55	0	2	6	1
NC ASHEVILLE	66	38	77	25	52	0	1.2	-.2	1.1	1.9	31	9.6	73	84	27	0	2	2	1
NC CHARLOTTE	73	45	82	30	59	2	.4	-.5	.4	1.0	17	10.3	78	86	25	0	1	2	0
NC GREENSBORO	72	42	83	30	57	3	.1	-.7	.1	.8	17	8.9	78	82	24	0	1	2	0
NC HATTERAS	71	56	76	49	64	8	0	-.8	0	2.4	51	12.3	91	87	51	0	0	0	0
NC NEW BERN	78	51	85	35	65	6	T	-.7	T	2.7	64	10.2	84	68	27	0	0	1	0
NC RALEIGH	74	45	85	31	59	4	.1	-.6	.1	1.1	25	10.3	91	73	25	0	1	1	0
NC WILMINGTON	78	54	85	39	66	7	.1	-.7	.1	1.7	37	8.8	75	77	24	0	0	1	0
ND BISMARCK	49	26	60	18	37	1	T	-.3	T	.8	85	1.1	58	87	33	0	6	0	0
ND FARGO	46	26	58	21	36	1	T	-.4	T	1.3	115	1.7	81	83	44	0	6	0	0
ND GRAND FORKS	44	28	55	16	36	3	T	-.3	T	1.3	125	1.9	83	82	53	0	6	0	0
ND WILLISTON	47	27	56	17	37	2	.2	-.1	.1	1.2	159	1.6	89	83	46	0	6	2	0
OH AKRON-CANTON	55	35	75	30	45	1	1.4	.6	.9	5.2	128	8.3	94	82	44	0	3	6	1
OH CINCINNATI	61	39	77	32	50	1	1.0	.1	.7	7.8	166	11.7	113	82	39	0	1	4	1
OH CLEVELAND	56	35	75	30	45	2	1.6	.8	.9	5.7	156	10.1	122	81	44	0	2	6	1
OH COLUMBUS	59	37	76	32	48	1	.7	-.1	.3	4.1	106	7.1	81	73	35	0	1	5	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending April 6, 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 MAR. 1	PCT. NORMAL SINCE MAR. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE		PRECIPITATION	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	58	37	75	32	47	0	1.0	.2	.5	5.6	148	9.4	112	71	39	0	1	5	0
TOLEDO	54	34	70	31	44	2	2.2	1.5	1.1	6.7	208	12.0	171	90	50	0	2	5	2
YOUNGSTOWN	53	35	75	28	44	2	1.1	.3	.9	6.0	149	8.0	90	88	50	0	3	4	1
OK OKLAHOMA CITY	69	43	80	31	56	0	T	-.5	T	6.6	264	11.3	235	77	30	0	1	0	0
TULSA	69	42	82	35	56	-1	.3	-.5	.3	5.7	147	12.7	181	82	28	0	0	2	0
OR ASTORIA	57	43	70	38	50	4	.4	-1.0	.3	7.1	84	11.8	43	98	68	0	0	4	0
BURNS	62	30	71	27	46	7	0	-.1	0	1.0	200	1.7	121	--	--	0	5	0	0
MEDFORD	75	40	83	38	58	10	T	-.3	T	1.2	58	3.0	39	93	33	0	0	0	0
PENDLETON	65	44	70	40	55	7	0	-.2	0	1.1	85	2.8	68	73	34	0	0	0	0
PORTLAND	66	46	77	41	56	8	.1	-.6	0	3.1	74	4.9	34	89	49	0	0	2	0
SALEM	66	42	76	36	54	7	T	-.7	T	3.7	76	7.4	45	94	51	0	0	1	0
PA ALLENTOWN	57	36	81	26	47	1	.6	-.4	.4	1.7	36	4.8	44	80	37	0	2	3	0
ERIE	55	35	78	31	45	5	1.5	.8	1.0	5.5	154	10.8	132	92	52	0	2	5	1
HARRISBURG	57	39	79	33	48	0	.8	0	.6	3.2	76	7.1	72	81	36	0	0	4	1
PHILADELPHIA	59	38	78	31	49	0	.7	-.2	.6	2.2	49	6.3	59	87	36	0	1	1	1
PITTSBURGH	58	38	80	31	48	3	.5	-.2	.3	3.6	85	6.5	68	88	45	0	4	5	0
SCRANTON	52	35	79	28	44	0	.9	-.3	.6	2.6	80	4.7	62	86	42	0	2	5	1
RI PROVIDENCE	54	38	72	31	46	2	1.0	.1	.5	3.9	76	6.8	53	90	40	0	2	4	1
SC CHARLESTON	78	54	84	40	66	5	T	-.7	T	1.6	31	5.1	44	71	27	0	0	1	0
COLUMBIA	78	48	86	34	63	3	.8	-.2	.5	1.3	22	11.7	81	84	26	0	0	3	0
FLORENCE	77	49	86	34	63	3	.1	-.7	.1	.7	15	7.7	66	84	20	0	0	1	0
GREENVILLE	71	44	80	33	58	1	.7	-.5	.5	1.7	24	10.9	70	79	29	0	0	2	1
SD ABERDEEN	52	30	66	23	41	3	T	-.4	T	1.8	139	2.1	88	86	36	0	4	0	0
HURON	53	31	67	24	42	3	.2	-.2	.2	4.0	258	4.5	161	79	32	0	4	1	0
RAPID CITY	54	31	71	23	43	3	.5	.1	.3	1.7	124	2.2	92	78	31	0	5	3	0
SIoux FALLS	53	29	72	23	41	1	1.5	1.0	1.0	3.7	183	4.2	124	88	40	0	5	5	1
TN CHATTANOOGA	69	41	82	33	55	-1	1.3	.1	.9	3.1	42	11.5	66	80	31	0	0	2	1
KNOXVILLE	69	39	80	27	54	-2	1.4	.3	1.0	3.0	46	10.3	68	86	36	0	2	2	1
MEMPHIS	67	49	79	41	58	0	.4	-.9	.4	5.4	82	13.3	86	80	42	0	0	1	0
NASHVILLE	69	43	82	33	56	0	1.1	0	.6	3.3	50	9.7	64	81	29	0	0	2	2
TX ABILENE	75	48	86	32	62	0	0	-.4	0	2.9	200	4.9	144	68	24	0	1	0	0
AMARILLO	71	36	83	21	54	1	T	-.2	T	1.5	141	3.2	152	69	19	0	0	0	0
AUSTIN	78	51	83	42	65	-1	0	-.5	0	1.9	87	5.3	85	87	32	0	0	0	0
BEAUMONT	79	55	87	51	67	1	.2	-.7	.1	5.9	163	16.2	141	89	40	0	0	2	0
BROWNSVILLE	85	59	100	53	72	0	0	-.2	0	.4	56	2.4	69	87	33	1	0	0	0
CORPUS CHRISTI	80	55	86	47	68	-3	T	-.3	T	1.8	163	7.4	172	90	39	0	0	0	0
DEL RIO	81	50	87	40	66	-3	0	-.3	0	.8	90	2.5	109	67	22	0	0	0	0
EL PASO	77	43	83	32	60	0	0	-.1	0	.6	155	1.7	142	44	11	0	2	0	0
FORT WORTH	75	48	84	37	61	-1	0	-.7	0	3.7	122	7.2	109	81	32	0	0	0	0
GALVESTON	72	60	81	51	66	0	0	-.5	0	5.6	220	13.9	176	85	49	0	0	0	0
HOUSTON	76	51	79	44	64	-2	.1	-.8	.1	4.6	136	12.0	122	88	35	0	0	1	0
LUBBOCK	75	39	85	26	57	1	0	-.2	0	1.2	107	1.8	90	69	16	0	0	0	0
MIDLAND	79	43	88	28	61	1	0	-.1	0	.6	103	2.1	131	52	12	0	1	0	0
SAN ANGELO	80	44	90	29	62	-1	0	-.3	0	1.7	161	2.8	112	69	16	1	1	1	0
SAN ANTONIO	79	47	84	39	63	-4	T	-.4	T	2.9	165	7.4	145	88	30	0	0	1	0
VICTORIA	78	53	81	45	66	-2	0	-.4	0	5.5	324	10.9	188	91	40	0	0	0	0
WACO	75	47	82	35	61	-3	0	-.7	0	2.6	100	5.2	83	82	38	0	0	0	0
WICHITA FALLS	73	45	81	32	59	-1	0	-.6	0	3.7	162	7.4	176	79	32	0	1	0	0
UT BLANDING	62	33	69	21	48	4	0	-.2	0	1.9	193	3.5	109	72	29	0	3	0	0
CEDAR CITY	66	33	73	24	49	6	0	-.3	0	2.4	185	3.4	126	83	28	0	4	0	0
SALT LAKE CITY	63	41	70	37	52	7	.1	-.4	.1	1.8	85	3.6	75	74	36	0	0	1	0
VT BURLINGTON	42	33	56	25	38	0	1.1	.5	.4	3.3	122	6.0	95	89	53	0	3	7	0
VA NORFOLK	70	48	83	35	59	5	T	-.7	T	2.1	46	9.6	83	80	31	0	0	0	0
RICHMOND	69	42	83	30	55	2	T	-.7	T	1.8	43	8.6	82	83	30	0	2	0	0
ROANOKE	67	43	83	29	55	3	.3	-.5	.2	1.9	43	8.0	77	75	32	0	1	2	0
WA COLVILLE	58	34	64	28	46	4	.1	-.1	.1	.8	60	3.2	63	80	48	0	3	1	0
QUILLAYUTE	53	39	66	34	46	2	1.4	-.6	.6	10.1	78	18.2	45	99	72	0	0	6	1
SEATTLE-TACOMA	57	43	65	39	50	4	.2	-.5	.2	2.6	63	5.8	40	93	58	0	0	2	0
SPOKANE	59	36	63	31	47	5	T	-.3	T	1.4	87	2.7	47	86	34	0	2	0	0
YAKIMA	68	35	72	29	51	6	0	-.1	0	.6	81	1.4	47	84	27	0	2	0	0
WV BECKLEY	61	38	79	30	49	2	.6	-.3	.4	2.3	48	6.6	57	81	35	0	2	6	0
CHARLESTON	66	43	84	37	55	4	.7	-.2	.4	4.5	95	9.8	87	69	29	0	0	3	0
HUNTINGTON	64	43	82	38	54	2	.6	-.3	.4	3.6	75	9.6	88	75	33	0	0	3	0
PARKERSBURG	62	40	80	34	51	2	.7	-.1	.5	4.9	106	8.4	74	74	36	0	0	4	0
WI GREEN BAY	40	29	52	18	35	-3	1.4	.9	.5	3.5	146	6.9	150	90	57	0	5	6	0
LA CROSSE	44	32	58	27	38	-3	1.0	.4	.5	3.3	132	5.5	128	88	52	0	3	3	1
MADISON	45	31	58	25	38	-1	1.7	1.1	.7	4.2	153	7.5	156	94	55	0	4	5	2
MILWAUKEE	46	32	57	25	39	0	1.4	.6	.5	5.1	156	9.3	150	83	50	0	3	5	1
WAUSAU	42	28	50	20	35	-1	1.0	.5	.7	3.4	142	4.6	107	88	47	0	5	4	1
WY CASPER	51	27	67	16	39	2	.1	-.2	.1	.6	50	2.0	87	87	36	0	6	5	0
CHEYENNE	50	26	65	17	38	1	.1	-.1	0	.4	32	1.2	60	89	37	0	5	4	0
LANDER	57	31	71	24	44	6	.2	-.2	.2	.7	47	1.4	54	62	26	0	4	1	0
SHERIDAN	53	31	71	25	42	4	.2	-.1	.2	.8	56	1.9	66	79	32	0	4	1	0
PR SAN JUAN	84	71	88	68	78	0	.1	-.6	.1	1.8	63	7.0	89	79	50	0	0	2	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

March Weather and Crop Summary

MARCH WEATHER SUMMARY

HIGHLIGHTS: Nearly twice the normal amount of heavy rain fell from south central Texas through most of Oklahoma, southeastern Kansas, and southern Missouri leaving many fields too wet. Moderate to heavy rain through the Corn Belt and heavy snow over the upper Great Lakes region swelled rivers and flooded areas south of the Lakes. Florida remained dry until beneficial rains fell during the third week, but more rain is needed. In contrast, very dry weather covered the Southeast and along the east coast through New England. Inland areas of the Northeast had above-normal precipitation. Some helpful precipitation fell on some of the dry areas in the northern High Plains, but amounts were light and more is needed. Precipitation was less than half of normal from northwestern Kansas and southwestern Nebraska to central Wyoming.

The first 2 days of March brought record-high temperatures to the east coast and a new outbreak of cold air into the northern Rockies and Plains.

FIRST WEEK...Heavy snow from eastern South Dakota through Minnesota paralyzed activity early in the week. An intense storm moved from Nebraska northeastward, and deposited snow from the northern Plains through the Great Lakes to New England. Snow on the ground, in the wake of the storm, ranged from 3-25 inches. Later, warm weather melted much of the snow and added to the flooding south of the Great Lakes. Only light rain fell across the South and over the eastern slopes of the Appalachians to Pennsylvania; little or no rain fell in most of the Southeast. Rain covered the west coast, and heavy snow piled up in the Sierras. The eastern two-thirds of the Nation averaged warmer than normal, and the western third was cooler than normal.

SECOND WEEK...Windy, warm, and showery describes the weather across the South. Showers and thunderstorms spread from south central Texas through eastern Kansas, southern Missouri, and into Arkansas. Showers and thunderstorms later developed across the Gulf of Mexico to Florida and along the southeastern coast. Rain covered the Ohio Valley, the Great Lakes, and the Northeast. Snow fell at the higher elevations in Arizona, New Mexico, the northern Plains, and the upper Lakes region. Most of the Nation had warmer-than-normal average temperatures. Parts of the west coast were near normal, and an isolated area in the north central Rockies had well-below-normal average temperatures.

THIRD WEEK...Showers and thunderstorms produced moderate to heavy rain from the Texas Panhandle and southeastern Texas, across Oklahoma, and through the Mississippi Delta. Showers or steady rain fell throughout the Southeast and to the mid-Atlantic States. Moderate to heavy showers over most of Florida gave a respite from the very dry conditions. Rain and high wind plagued the coasts of Washington and Oregon. Rain in the valleys and snow at higher elevations covered the Intermountain region to the northern Rockies. Average temperatures were warmer than normal in the central and northern Plains--much warmer in the northern Plains. Most other areas were cooler than normal. Temperatures reached the freezing mark in northern Florida.

FOURTH WEEK...A powerful Pacific storm battered the west coast with high winds, tides, and heavy rain. As the storm moved inland, it became a major winter storm and spread snow throughout the western mountains. Meanwhile, showers and thunderstorms accompanied hail, high winds, and tornadoes, and

spread through most of Texas to the central and lower Mississippi Valley, the Ohio Valley, and across the lower Great Lakes. Rain covered the mid-Atlantic States and New England. At the week's end, snow moved into the central Plains. Average temperatures were cool in the West and warm in the East. The east coast and the central Mississippi Valley recorded some record-hot afternoon temperatures.

MARCH FIELDWORK

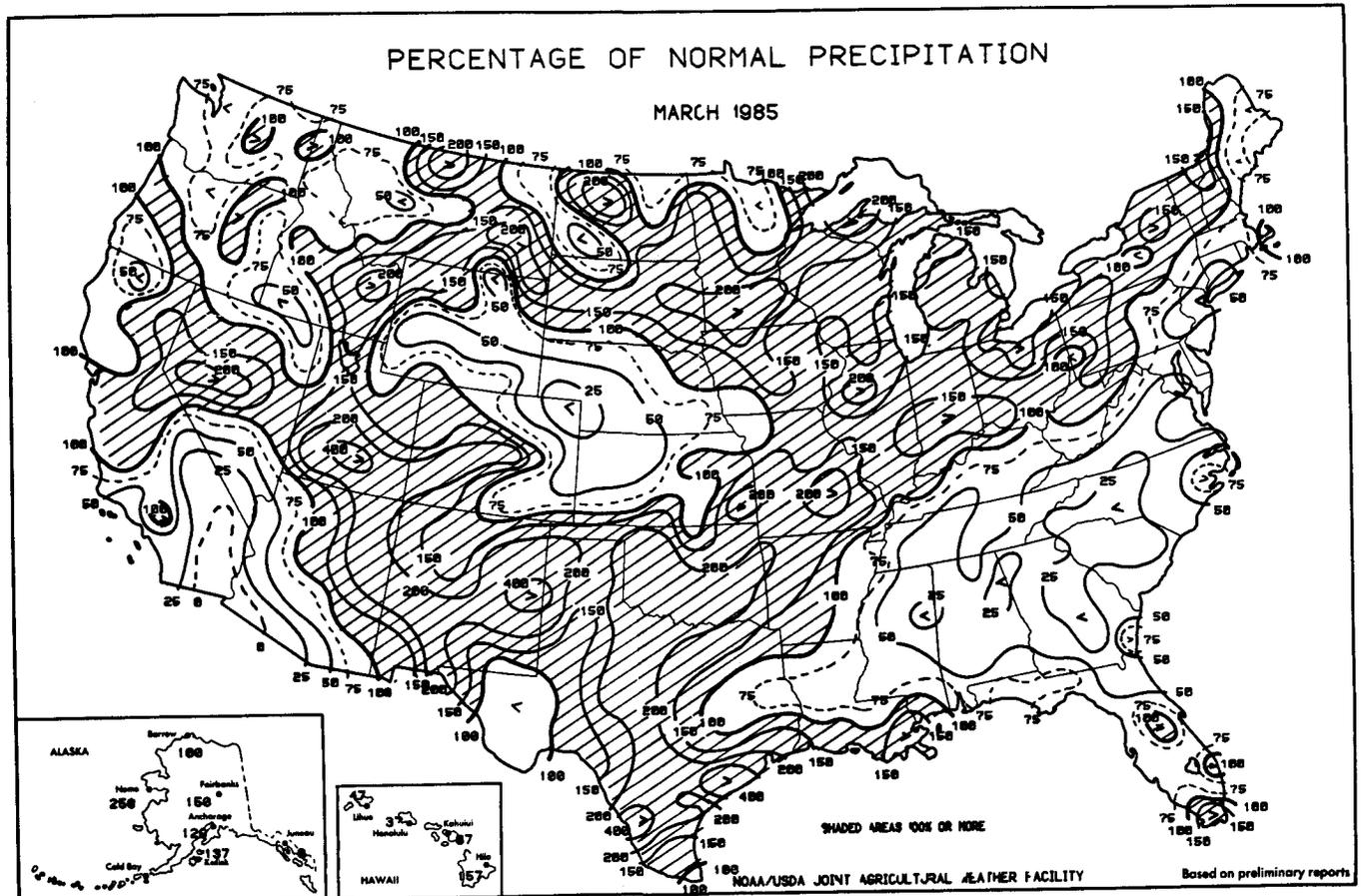
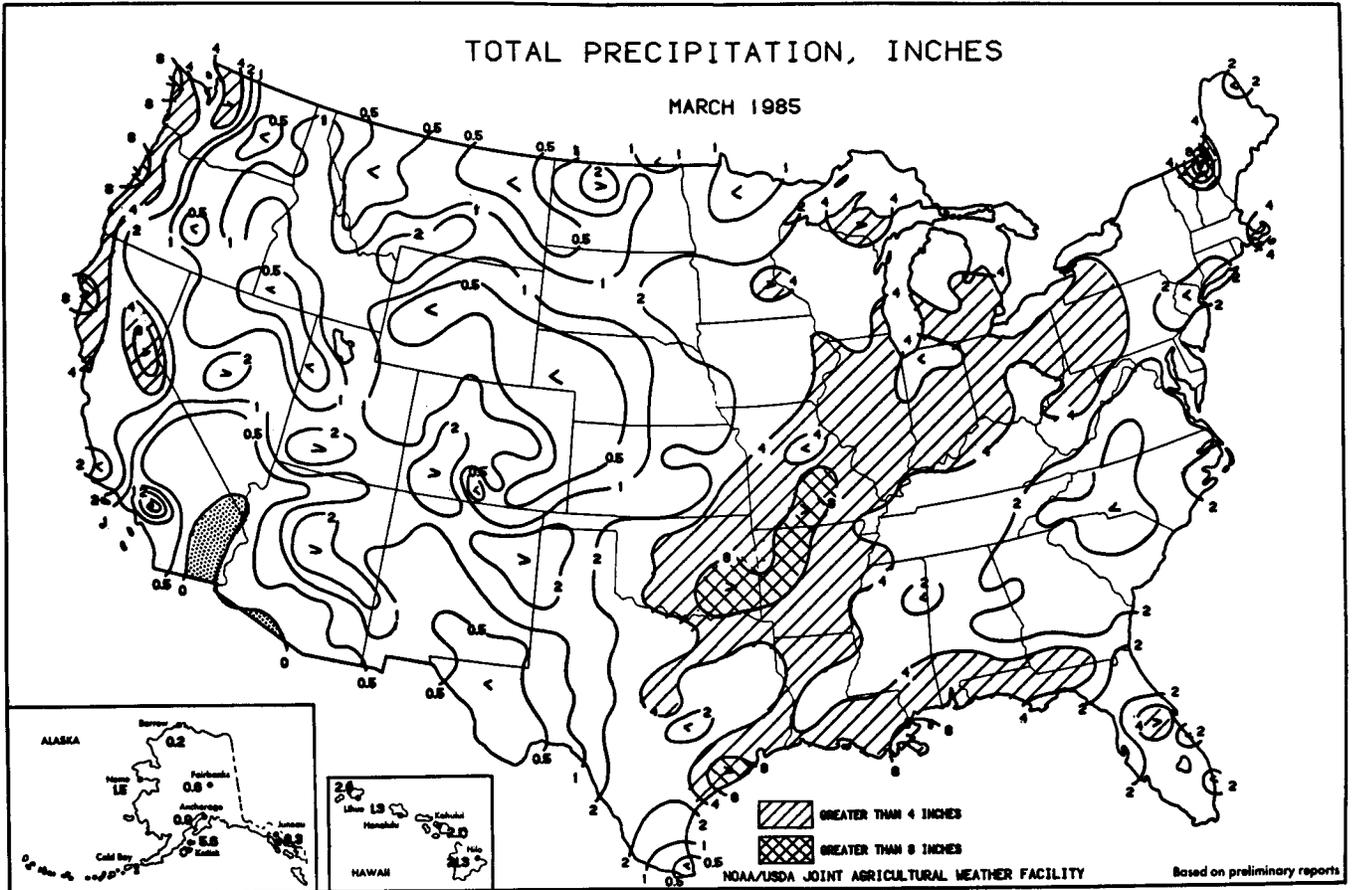
Rain and wet fields delayed spring fieldwork from the Plains into the Corn Belt and Delta, especially during the last half of March. Soils were adequately moist throughout the month, but soil moisture was short in the Southeastern Atlantic Coast States. Wetness hampered topdressing of small grains, and delayed land preparation and seeding in most areas. Pastures responded well to the moisture and warmer-than-normal temperatures.

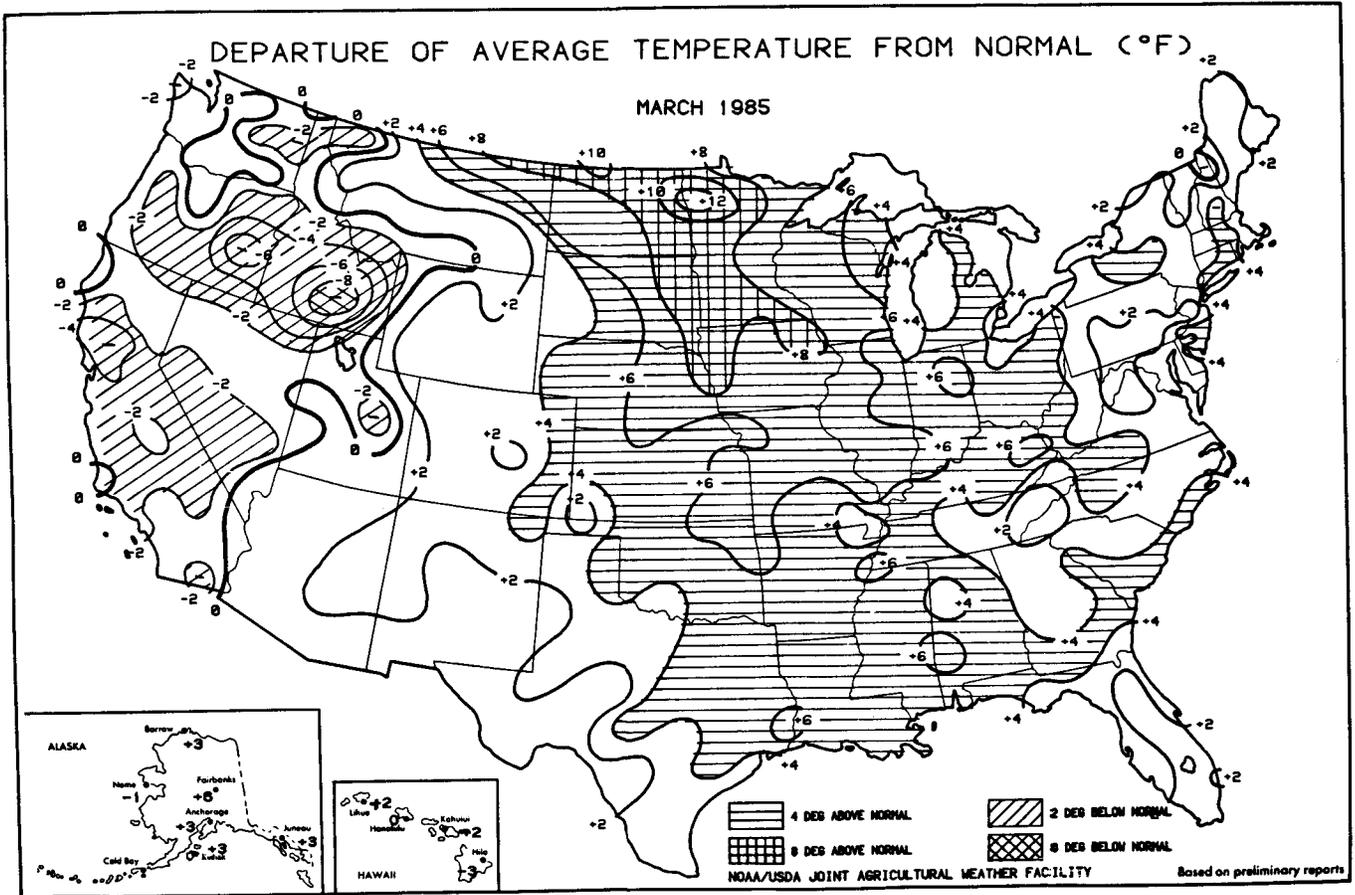
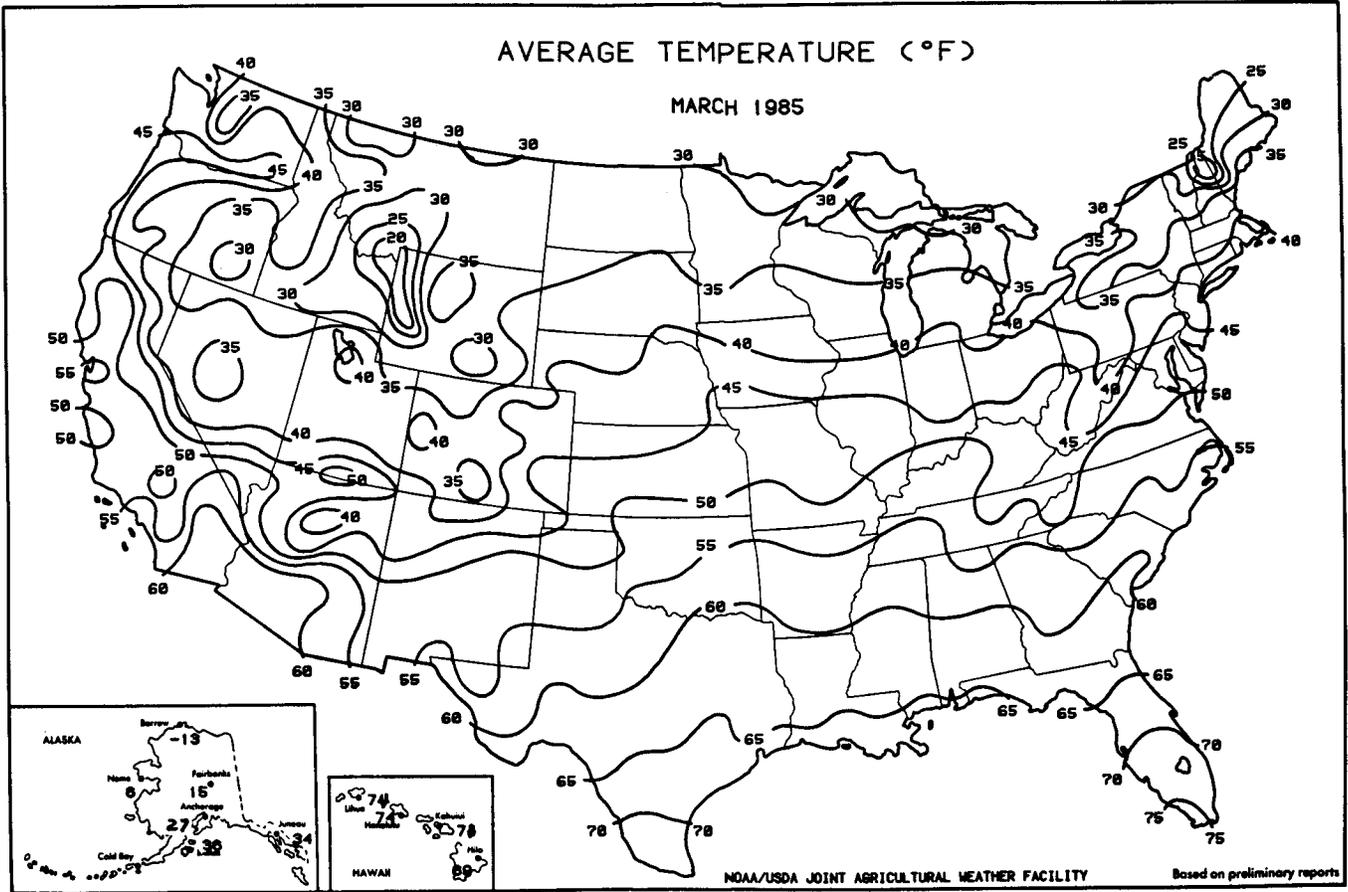
March began with corn planting underway from Texas to Georgia. Wetness interfered with planting corn in Texas, but most other Southern States managed to keep progress ahead of schedule. By the end of March, corn planting was more than half completed in Georgia, South Carolina, and Louisiana at 73, 55, and 57 percent completion, respectively. Sorghum in Texas ended the month at 34 percent seeded, far behind the 44 percent seeded in 1984 and the 51 percent average. Standing water may cause Texas sorghum to be replanted. In Louisiana sorghum planting was just underway. At the end of March, rice was 16 percent seeded in Louisiana and 4 percent seeded in Texas; normally, about 20 percent of the rice is seeded in Louisiana and 27 percent seeded in Texas. Rain continually delayed cotton planting in Texas during March, but ended the month only 2 percentage points behind the average. Planting was nearly complete in the south Texas Valley. Cotton planting progressed rapidly in Arizona. Early seeded fields were up to good stand and plant condition was good. California growers began planting cotton in the San Joaquin Valley. Tobacco transplanting advanced to 46 percent complete in Georgia and 2 percent complete in South Carolina. Producers from Virginia to Kentucky seeded and prepared tobacco beds. Vegetable planting and harvesting continued active in the West and South. Florida vegetable harvest continued to gain momentum as the month progressed.

WINTER WHEAT

Winter wheat was in mostly good condition by the end of March. Moisture and warmer-than-normal temperatures promoted growth in most areas during the month. However, disease became problematic in Nebraska, Kansas, Oklahoma, and Texas as the month closed. Wheat development ranged from greening in Montana, jointing and heading across the South, and heading in the Southwest.

Kansas wheat grew rapidly, but experienced light to moderate wind damage in the southwestern part of the State. Spindle-streak and soil-borne Mosaic disease showed in southeastern and central Kansas. Texas wheat progressed well despite rust, mildew, and some lodging. Wetness stalled producers' efforts to treat diseases. Nebraska's wheat was mostly good. Weeds and diseases concerned farmers, but damage and winterkill was slight. Winter wheat in North Dakota was still mostly dormant and generally fair at the end of the month. Wheat continued prospering in most southern States; growth and development was slightly ahead of normal. Wheat in the West was good.





Temperature and Precipitation Data for March 1985

States and Stations	Temperature °F		Precipitation Inches		States and Stations	Temperature °F		Precipitation Inches		States and Stations	Temperature °F		Precipitation Inches	
	Average	Departure	Total	Departure		Average	Departure	Total	Departure		Average	Departure	Total	Departure
AL BIRMINGHAM	57	4	2.1	-4.5	BATON ROUGE	65	4	4.3	-0.3	COLUMBUS	43	3	3.7	0.5
AL MOBILE	65	4	5.5	-1.0	LAKE CHARLES	65	4	3.6	0.5	DAYTON	43	4	4.9	1.9
AL MONTGOMERY	62	6	1.9	-4.0	NEW ORLEANS	65	4	7.1	2.3	TOLEDO	39	4	5.7	3.1
AK ANCHORAGE	27	3	0.9	0.2	SHREVEPORT	61	4	4.3	0.5	OK YOUNGSTOWN	39	4	5.8	2.5
AK BARRON	-13	3	0.2	0.0	ME CARIBOU	23	0	1.9	-0.6	OK OKLAHOMA CITY	53	4	6.6	4.5
AK FAIRBANKS	15	6	0.6	0.2	MD PORTLAND	35	2	3.2	-0.8	OR TULSA	55	5	5.4	2.3
AK JUNEAU	34	3	0.3	-3.0	MD BALTIMORE	46	3	2.4	-1.3	OR ASTORIA	43	-2	7.0	-0.3
AK KODIAK	36	3	5.6	1.5	MA SALLISBURY	47	3	2.3	-1.8	BURNS	31	-6	1.0	0.5
AK NOME	6	-1	1.5	0.9	MA BOSTON	40	2	2.3	-1.8	MEDFORD	44	-1	1.2	-0.6
AZ FLAGSTAFF	35	0	2.6	0.5	MA CHATHAM	39	2	4.3	0.3	PENDLETON	43	-1	1.1	0.0
AZ PHOENIX	63	2	0.5	-0.4	MI ALPENA	30	3	2.8	0.8	PORTLAND	46	0	3.1	-0.6
AZ PRESCOTT	44	1	1.7	0.2	MI DETROIT	38	3	4.4	1.9	PA SALEM	43	-2	3.7	-0.6
AZ TUCSON	59	1	0.2	-0.5	MI FLINT	37	5	4.0	1.9	PA ALLENTOWN	42	4	1.5	-2.4
AZ WINSLOW	47	2	1.0	0.5	MI GRAND RAPIDS	36	3	4.2	1.7	PA ERIE	37	3	5.0	2.1
AZ YUMA	64	0	T	-0.2	MI HOUGHTON LAKE	31	3	3.6	1.7	HARRISBURG	45	4	2.8	-0.7
AR FORT SMITH	57	6	7.5	3.6	MI LANSING	36	3	3.5	1.2	PHILADELPHIA	44	3	2.0	-1.9
AR LITTLE ROCK	57	5	5.3	0.4	MI MARQUETTE	26	3	4.7	1.9	PITTSBURGH	42	3	3.4	-0.2
CA BAKERSFIELD	54	-3	0.5	-0.4	MI MUSKEGON	35	2	4.0	1.5	SCRANTON	39	3	2.3	-0.4
CA EUREKA	48	0	4.7	-0.4	MI SAULT STE. MARI	26	2	2.8	0.8	RI PROVIDENCE	41	3	3.1	-1.2
CA FRESNO	53	-1	1.7	0.1	MN ALEXANDRIA	32	8	2.0	0.8	SC CHARLESTON	60	4	1.5	-2.9
CA LOS ANGELES	55	-2	0.7	-1.0	MN DULUTH	30	7	1.8	0.1	SC COLUMBIA	57	3	0.6	-4.6
CA RED BLUFF	52	-1	3.1	0.7	MN INT'L FALLS	27	6	0.7	-0.4	SC FLORENCE	57	3	0.6	-3.5
CA SACRAMENTO	51	-2	2.0	-0.1	MN MINNEAPOLIS	36	6	4.5	2.8	SC GREENVILLE	54	3	1.1	-4.7
CA SAN DIEGO	59	0	0.6	-1.0	MN ROCHESTER	36	8	2.4	0.7	SD ABERDEEN	36	8	1.8	0.8
CA SAN FRANCISCO	51	-1	3.3	0.6	MN ST. CLOUD	33	7	1.7	0.3	SD HURON	37	8	3.9	2.6
CO DENVER	41	3	0.7	-0.5	MS GREENWOOD	60	5	2.8	-3.5	SD RAPID CITY	36	3	1.5	0.5
CO GRAND JUNCTION	44	2	0.9	0.2	MS JACKSON	61	5	3.3	-2.6	SD SIOUX FALLS	38	7	2.4	0.8
CO PUEBLO	43	2	0.7	0.0	MS MERIDIAN	62	6	3.1	-3.6	TN CHATTANOOGA	53	3	2.3	-4.0
CT BRIDGEPORT	42	4	2.0	-1.9	MO COLUMBIA	48	7	3.1	0.0	TN KNOXVILLE	50	0	2.0	-3.5
CT HARTFORD	39	3	2.1	-2.0	MO KANSAS CITY	47	6	2.0	-0.4	TN MEMPHIS	58	6	5.0	-0.5
DC WASHINGTON	48	2	1.8	-1.7	MO SAINT LOUIS	50	6	5.2	1.9	TN NASHVILLE	53	4	2.7	-2.9
FL APALACHICOLA	64	3	2.5	-1.5	MO SPRINGFIELD	50	5	6.3	2.9	TX ABILENE	57	2	2.9	1.8
FL DAYTONA BEACH	67	2	1.5	-1.5	MT BILLINGS	34	0	2.0	1.0	TX AMARILLO	50	3	1.5	0.6
FL JACKSONVILLE	64	3	1.4	-2.4	MT GLASGOW	34	8	0.3	-0.1	TX AUSTIN	64	4	1.9	0.2
FL KEY WEST	75	1	2.1	0.8	MT GREAT FALLS	34	2	1.0	0.1	TX BEAUMONT	67	5	4.7	1.7
FL MIAMI	73	1	1.4	-0.5	MT HAVRE	34	5	1.0	0.5	TX BROWNSVILLE	72	3	0.4	-0.1
FL ORLANDO	68	2	4.6	1.4	MT HELENA	33	2	0.4	-0.3	TX CORPUS CHRISTI	68	2	1.8	1.0
FL TALLAHASSEE	64	4	4.6	-1.0	MT KALISPELL	28	-4	0.7	-0.1	TX DEL RIO	63	1	0.8	0.2
FL TAMPA	69	3	1.8	-1.7	MT MILES CITY	34	2	0.9	0.4	TX EL PASO	55	0	0.6	0.3
FL WEST PALM BEACH	71	1	3.5	0.8	MT MISSOULA	36	2	0.4	-0.4	TX FORT WORTH	61	5	3.7	1.3
GA ATLANTA	56	4	1.9	-4.0	NE GRAND ISLAND	43	7	1.2	-0.4	TX GALVESTON	63	2	5.6	3.5
GA AUGUSTA	59	4	1.3	-3.6	NE LINCOLN	43	6	1.4	-0.5	TX HOUSTON	65	4	4.5	1.9
GA MACON	58	2	1.2	-4.0	NE NORFOLK	41	8	1.5	0.0	TX LUBBOCK	52	2	1.2	0.3
GA SAVANNAH	61	3	1.7	-2.2	NE NORTH PLATTE	41	6	0.4	-0.7	TX MIDLAND	57	2	0.6	0.1
HI HILO	69	-3	21.3	7.7	NE OMAHA	44	8	1.7	-0.3	TX SAN ANGELO	59	2	1.7	0.9
HI HONOLULU	74	0	1.3	-2.2	NE SCOTTSBLUFF	40	4	0.4	-0.6	TX SAN ANTONIO	64	2	2.8	1.5
HI KAHULUI	71	-2	2.0	-1.0	NE VALENTINE	38	6	0.6	-0.2	TX VICTORIA	67	3	5.5	4.2
HI LIHUE	74	2	2.1	-2.4	NV ELKO	35	-1	1.1	0.2	TX WACO	61	3	2.6	0.6
ID BOISE	36	-5	1.0	0.0	NV ELY	33	-1	1.1	0.2	TX WICHITA FALLS	56	3	3.7	1.9
ID LEWISTON	42	-1	0.7	-0.3	NV LAS VEGAS	55	0	0.1	-0.4	UT BLANDING	40	1	1.9	1.1
ID POCATELLO	28	-8	1.5	0.6	NV RENO	39	-2	1.1	0.3	UT CEDAR CITY	40	1	2.4	1.4
IL CAIRO	54	6	4.8	-0.2	NV WINNEMUCCA	37	-2	0.7	0.1	UT MILFORD	37	-1	1.8	0.8
IL CHICAGO	39	3	4.7	2.1	NH CONCORD	36	3	3.1	0.0	UT SALT LAKE CITY	41	0	1.8	0.1
IL MOLINE	43	7	4.7	1.9	NJ ATLANTIC CITY	45	4	2.3	-1.7	VT BURLINGTON	31	2	2.5	0.3
IL PEORIA	44	6	5.7	2.9	NM ALBUQUERQUE	48	1	0.7	0.2	VA NORFOLK	52	3	2.1	-1.8
IL QUINCY	46	7	3.1	0.0	NM CLOVIS	48	2	2.4	1.8	VA RICHMOND	50	2	1.8	-1.8
IL ROCKFORD	39	5	3.7	1.1	NM ROSWELL	54	2	0.7	0.4	VA ROANOKE	50	4	1.8	-1.9
IL SPRINGFIELD	46	6	4.2	1.1	NY ALBANY	37	3	3.8	0.8	WA COLVILLE	37	0	0.8	-0.5
IN EVANSVILLE	52	7	6.1	1.5	NY BINGHAMTON	35	4	3.7	0.7	WA QUILLYUTE	41	-2	9.3	-2.0
IN FORT WAYNE	43	6	3.8	0.9	NY BUFFALO	36	3	4.4	1.4	WA SEATTLE-TACOMA	43	-1	2.5	-1.1
IN INDIANAPOLIS	44	4	5.9	2.3	NY NEW YORK	45	4	1.8	-2.3	WA SPOKANE	36	-1	1.4	0.0
IN SOUTH BEND	41	5	3.9	0.8	NY ROCHESTER	36	3	3.5	1.0	WA WALLA WALLA	46	1	1.7	0.3
IA DES MOINES	42	7	3.4	1.2	NY SYRACUSE	36	3	2.6	-0.6	WA YAKIMA	42	0	0.6	-0.1
IA DUBUQUE	40	8	4.4	1.5	NC ASHEVILLE	48	2	0.8	-4.4	WV BECKLEY	43	2	2.2	-1.9
IA SIOUX CITY	42	8	2.2	0.5	NC CHARLOTTE	54	3	0.6	-4.3	WV CHARLESTON	49	4	4.2	0.2
IA WATERLOO	39	8	2.8	0.6	NC GREENSBORO	51	3	0.7	-3.2	WV HUNTINGTON	48	3	3.4	-0.7
KS CONCORDIA	45	5	1.1	-0.8	NC HATTERAS	55	4	2.4	-1.6	WV PARKERSBURG	47	4	4.7	0.7
KS DODGE CITY	46	4	1.1	-0.4	NC NEW BERN	57	5	2.7	-0.9	WI GREEN BAY	34	6	2.6	0.7
KS GOODLAND	42	5	0.3	-0.7	NC RALEIGH	52	3	1.0	-2.7	WI LA CROSSE	37	6	2.6	0.7
KS TOPEKA	49	7	2.4	0.2	NC WILMINGTON	59	5	1.7	-2.4	WI MADISON	38	7	3.1	1.0
KS WICHITA	49	5	1.7	-0.4	ND BISMARCK	31	5	0.8	0.1	WI MILWAUKEE	38	6	4.1	1.5
KY BOWLING GREEN	51	5	2.7	-2.8	ND FARO	33	9	1.3	0.5	WI WAUSAU	34	7	3.0	1.1
KY JACKSON	49	8	3.3	-1.3	ND GRAND FORKS	34	12	1.3	0.5	WY CASPER	34	2	0.5	-0.5
KY LEXINGTON	48	4	3.8	-1.0	ND WILLISTON	32	7	1.1	0.5	WY CHEYENNE	35	3	0.3	-0.6
KY LOUISVILLE	50	5	4.4	-0.4	OH AKRON-CANTON	41	4	4.6	1.3	WY LANDER	36	4	0.5	-0.7
KY PADUCAH	51	5	3.7	-1.3	OH CINCINNATI	47	5	6.9	3.0	WY SHERIDAN	32	0	0.5	-0.6
LA ALEXANDRIA	63	4	3.2	-2.0	OH CLEVELAND	40	4	5.0	2.0	PR SAN JUAN	77	-1	1.8	-0.6

Based on 1951-80 normals.

Heating Degree Days (Base 65° F.)

March 1985

ALA. Birmingham	244	MAINE, Caribou	1281	OKLA. Okla. City	377
Mobile	84	Portland	930	Tulsa	330
Montgomery	120	MD. Baltimore	589	OREG. Astoria	683
ALASKA, Anchorage	1182	MASS. Boston	756	Burns	1038
Barrow	2422	Chatham	802	Medford	642
Fairbanks	1559	MICH. Alpena	1060	Pendleton	665
Nome	1841	Detroit	818	Portland	588
ARIZ. Flagstaff	911	Flint	860	Salem	684
Phoenix	102	Grand Rapids	886	PA. Allentown	702
Tucson	200	Houghton Lake	1071	Erie	846
Winslow	568	Lansing	891	Harrisburg	627
Yuma	66	Marquette	1178	Philadelphia	627
ARK. Fort Smith	281	S. Ste. Marie	1184	Pittsburgh	701
Little Rock	265	MINN. Duluth	1067	Scranton	799
CALIF. Bakersfield	333	Internatl Falls	1182	R.I. Providence	743
Eureka	532	Minneapolis	904	S.C. Charleston	183
Fresno	362	Rochester	895	Columbia	262
Los Angeles	296	St. Cloud	984	Greenville	341
Red Bluff	391	MISS. Jackson	158	S. DAK. Aberdeen	891
Stockton	468	Meridian	137	Huron	856
San Diego	183	MO. Columbia	518	Rapid City	900
San Francisco	416	Kansas City	535	Sioux Falls	836
COLO. Denver	742	St. Louis	487	TENN. Chattanooga	381
Grand Junction	645	Springfield	459	Knoxville	459
Pueblo	662	MONT. Billings	950	Memphis	254
CONN. Bridgeport	713	Glasgow	967	Nashville	383
Hartford	776	Great Falls	971	TEX. Abilene	259
D.C. Washington	533	Havre	965	Amarillo	474
FLA. Apalachicola	81	Helena	973	Austin	99
Ft. Myers	-	Kalispell	1140	Beaumont	34
Jacksonville	95	Miles City	957	Brownsville	21
Key West	0	Missoula	885	Corpus Christi	48
Miami	4	NEBR. Grand Island	664	Del Rio	96
Orlando	22	Lincoln	687	El Paso	302
W. Palm Beach	8	Norfolk	730	Fort Worth	171
Tallahassee	82	North Platte	752	Galveston	81
Tampa	17	Omaha	656	Houston	91
GA. Atlanta	265	Valentine	846	Lubbock	392
Augusta	222	NEV. Ely	1000	Midland	277
Macon	215	Las Vegas	308	San Angelo	223
Savannah	157	Reno	810	San Antonio	109
IDAHO, Boise	895	Winnemucca	863	Victoria	60
Lewiston	698	N.H. Concord	902	Waco	157
Pocatello	1157	N.J. Atlantic City	621	Wichita Falls	301
ILL. Cairo	348	N. MEX. Albuquerque	535	UTAH, Milford	856
Chicago	787	N.Y. Albany	852	Salt Lake City	740
Moline	692	Binghamton	914	VT. Burlington	1029
Peoria	656	Buffalo	902	VA. Lynchburg	482
Rockford	789	New York	625	Norfolk	421
Springfield	601	Rochester	869	Richmond	484
IND. Evansville	411	Syracuse	882	Roanoke	471
Fort Wayne	673	N.C. Asheville	520	WASH. Colville	-
Indianapolis	631	Charlotte	358	Quillayute	753
South Bend	727	Greensboro	425	Seattle-Tacoma	666
IOWA, Des Moines	707	Hatteras	306	Spokane	895
Dubuque	776	Raleigh	395	Walla Walla	588
Souix City	720	Wilmington	228	Yakima	709
KANS. Concordia	617	N. DAK. Bismarck	1027	W. VA. Beckley	672
Dodge City	585	Fargo	988	Charleston	488
Goodland	704	Williston	1001	Huntington	507
Topeka	501	OHIO. Akron-Canton	746	WIS. Green Bay	949
Wichita	487	Cincinnati	543	Madison	839
KY. Lexington	510	Cleveland	757	Milwaukee	831
Louisville	458	Columbus	654	WYO. Casper	973
LA. Baton Rouge	72	Dayton	660	Cheyenne	917
Lake Charles	67	Toledo	791	Lander	890
New Orleans	62	Youngstown	796	Sheridan	1016
Shreveport	151				

Based on 1951 - 80 normals.

National Agricultural Summary

April 1 to April 7, 1985

HIGHLIGHTS: Wetness in the Corn Belt continued delaying land preparation and seeding. Farmers in the South continued seeding and preparing land, with nearly the entire week suitable for fieldwork. Soil moisture was generally adequate but the South Atlantic Coast States were dry and the Corn Belt States were mostly wet.

Winter wheat was mostly fair to good. Soil-borne Mosaic disease continued threatening wheat in Kansas, Oklahoma, Nebraska, and rust threatened wheat in Texas. Corn was rapidly planted in the South; progress ranged from a few fields seeded in Missouri and Kentucky to virtually complete in Florida. Corn seeding was ahead of normal in nearly all the Southern States. Cotton, seeded at 7%, was 4 percentage points behind normal and 8 points behind 1984. Most of the Southern States had not begun seeding cotton, planting was considerably behind normal in California. Sorghum planting became more widespread, moving into Arkansas and Georgia the previous week. Planting continued lagging behind normal in Texas and Louisiana, at 42 and 4% completion, respectively. Rice planting was 7% complete, compared with the 14% average. Peanut planting began in Mississippi, Alabama, and Georgia. Pastures were mostly good. Pasture conditions began declining in the extreme Southeast, where moisture was short. Livestock were mostly good, supplemental feeding continued diminishing as livestock moved to pastures.

SMALL GRAINS: Kansas wheat grew well. Wheat jointing started. Freeze damage was light to moderate in the Northeast and Southeast. Spindle streak and soil-borne Mosaic disease was light to moderate in central and eastern Kansas. Oats and barley were seeded to 85 and 90% completion, respectively. Nebraska wheat was fair to mostly good. Oats were rapidly seeded to 60% completion compared with last year's 2% and the normal 20%. Sun and near-normal temperatures accelerated wheat growth in Oklahoma. Most late-planted wheat was thin and ragged with bare spots. Producers applied nitrogen and sprayed weeds. The warmer temperature benefitted Texas Small Grains; growth was excellent in the Blackland and central areas despite heavy rust infestations. Wind toppled wheat in the Plains, causing some lodging problems.

OTHER CROPS: Corn planting advanced rapidly in the South and was ahead of last year and the average in nearly all States. Georgia producers seeded 80% of the corn, South Carolina seeded was 76%, and Louisiana seeded 74%. More than half the corn seeded in Alabama, Mississippi, and Texas.

Sorghum planting became more widespread, moving into Georgia, Alabama, and Arkansas. Seeding climbed to 42% complete in Texas, 14 points behind the average. Rio Grande Valley sorghum progressed well. Dryland sorghum in Texas showed some stress. Coastal Bend producers resumed planting, fields were up to stand. Louisiana sorghum was only 4% seeded.

Cotton planting had not begun in most Southern States but moved along quickly in Arizona: seeding was 45% complete, compared with the 35% average. On the other hand, California's cotton seeding reached 5% completion, below last year's 70% and the normal 33%. Planting reached 7% completion in the 14 major cotton-producing States.

The 5 major rice-producing States seeded 7% of the crop, 7 points behind last year and the average. Rice seeded in Texas and Louisiana was 13 and 25% seeded, respectively.

Georgia's tobacco was 59% transplanted, and was mostly fair to good. About 12% of the South

Carolina tobacco was transplanted, 6 points behind the average. Seedbeds were actively prepared in most burley tobacco States.

FRUIT AND NUTS: Florida citrus groves were in good condition and finished blooming. Valencia harvest slowed as maturity ratios remained below normal.

California's Navel orange harvest neared completion; large oranges showed granulation, but quality and demand was good, Valencia harvest started but some citrus cutworms were observed. Lemon packing continued, apples ranged from just starting to full bloom, walnuts and cherries bloomed, pear and prune bloom neared completion. Summer grapefruit harvest was underway.

Arizona's citrus were actively harvested and most varieties bloomed. The central areas harvested lemons, Valencia oranges, and grapefruit. Grove and fruit condition was good.

Southern peaches ranged from very poor to good. South Carolina peaches were poor to fair. Kentucky's peach prospects look poor. Virginia peaches showed no sign of recovering from the harsh winter. North Texas peach trees continued blooming. Fruit set began in Central and East Texas. Texas producers are expecting an excellent peach crop.

VEGETABLES: Florida's vegetable shipments jumped 38% over the previous week: Snap beans, carrots, sweet corn, cucumbers, eggplant, escarole, green peppers, and squash registered the greatest gain. Chinese cabbage, radishes, and cauliflower declined. Watermelon harvest began in the Immokalee area. Strawberry harvest seasonally declined.

Texas producers actively planted and harvested vegetables. San Antonio-Winter Garden warm-season vegetables progressed well. Producers in the High Plains continued planting onions and potatoes, where early planted potatoes were up to stand.

PASTURES AND LIVESTOCK: Pastures were mostly fair to good, except in the extreme Southeastern States where moisture was short. Pasture conditions began declining where moisture was short. Livestock were mostly good, supplemental feeding diminished as livestock moved to pastures.

CROP PROGRESS FOR WEEK ENDING APR 7, 1985

	RICE % PLANTED			COTTON % PLANTED		
	1985	1984	AVG.	1985	1984	AVG.
ARK	1	0	2	ALA	6	2
CALIF	0	0	0	ARIZ	45	50
LA	25	34	30	ARK	0	0
MISS	0	0	7	CALIF	5	70
TEX	13	52	43	GA	1	1
				LA	0	0
5 STATES	7	14	14	MISS	1	0
				MO	0	0
				N MEX	0	0
				N C	0	0
				OKLA	0	0
				S C	3	0
				TENN	0	0
				TEX	8	8
				14 STATES	7	15

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

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

State Summaries of Weather and Agriculture

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

ALABAMA: Rainfall 0.23 in. to 1.55 in. Temperatures 2° below normal.

Fieldwork: 5.9 days. Soil moisture short to adequate northern half, short southern half of State. Plowing 75% complete. Corn planted 60%, 42% 1984, 30% avg. Wheat heading 15%, 22% 1984. Cotton planted 6%, 2% 1984, 2% avg. Peanut, sorghum planting just beginning. Activities: Care of livestock and poultry, general farm chores, machinery repair, fertilizer and lime application, seedbed preparation. Fieldwork on schedule. Conditions: Wheat fair to good; pasture and livestock fair; pasture feed short to adequate; stored feed short.

ARIZONA: Sunny, very dry conditions prevailed during week. Only rain noted 0.02 in. at Page on 7th. Warming trend early in week, very warm remainder. Maximums reached upper 60's, lower 70's in high country, upper 70's at 5,000 ft., 90's in lower deserts. Average temperatures varied from normal in extreme southeast to 2 to 8° above in west, north.

Cotton 45% seeded, 50% last year, 35% avg. Seedbed preparation 90% complete. Established stands in Yuma County off to a good start. Wheat, barley good condition, 90% jointing. Plants heading on 65% of acreage in west, 55% in Central Valley, little or none heading other areas. Some early planted fields turning color. Alfalfa stands mostly good. Harvest increasing, some roadside sales. Prices for current sales good. Weed, insect infestations reported light to moderate. Spring lettuce harvest active in west. Growers expect heavy cutting until end of April. Central Valley lettuce packing heavy, expected to continue at peak levels through April. Demand good, slightly higher market, movements expected to increase. Romaine, Leaf, Boston lettuce harvested. Artichokes harvested in Parker-Poston area. Mixed vegetable harvest at seasonal levels in Salt River Valley. Spring melons planted. Potato crop looks good, harvest expected by end of April. Citrus harvest active, most varieties in bloom. Lemons, Valencias, grapefruit harvested in central area. Valencia picking nearly complete, small volumes shipped. Groves, fruit good condition, weather favorable.

ARKANSAS: Week started off cool, warmed enough by week's end to bring average temperatures to near or slightly below normal. Precipitation widespread but light. Lowest temperature 27°; highest temperature 89°. Precipitation 0.01 in. to 0.65 in.

Soil moisture surplus. Most areas of State behind normal expect east, southeast in fieldwork. Land preparation, wheat and pasture fertilization, spraying for weeds major activities. Sorghum 4% planted, 2% 1984, 7% avg. Corn 24% planted, 6% 1984, 16% avg. Cotton none planted, none 1984, 1% avg. Rice 1% planted, none 1984, 2% avg. Wheat in good condition. Livestock condition good with pasture supplying average amounts feed.

CALIFORNIA: Strong high pressure remained over State entire week. Average temperatures well above normal with no precipitation recorded.

Weekly temperature averages ranged from 13° above normal for all measured location.

Dryland small grains showing moisture stress. Irrigated wheat, barley, oats look good. Small grains being chopped for feed. Cotton 5% planted, 70% 1984, 33% avg. Rice planted none, none 1984, none avg. Corn, sunflower, safflower, sugarbeets continued to be planted. Cutting alfalfa for hay. Spraying alfalfa field for weevils. Apple bloom ranges from starting to full. Hass avocado harvest continued, good quality, demand. Good cherry bloom. Herbicide applications, leaf hopped control measures taken in grape vineyards. Kiwi pushing new growth. Early nectarines out of jacket, thrip spraying, fruit sizing well. Pear bloom complete. Thinning, spraying for thrips in plum orchards. Prune bloom nearing completion. Summer grapefruit harvest started. Lemon packing continued. Navel orange harvest nears completion, large oranges showed granulation; quality and demand good. Valencia orange harvest started; some citrus cutworms observed. Irrigation, weed control continued in almonds. Walnuts blooming. Artichoke harvest full-swing. Asparagus harvest increasing; broccoli fairly heavy supply central coast. Planting cantaloup San Joaquin Valley; carrot harvest active desert. Cauliflower fairly light supply central coast. Lettuce harvest decreasing Palo Verde Valley, very slow San Joaquin Valley. Fall potato movement for storage active. Strawberry shipment well below last year. Planting market, processing tomatoes. Range, pasture improved with warmer temperatures following recent rains. Some area grasses maturing. Stockwater supplies low some districts. Sheep shearing underway San Joaquin Valley. Lambs moving to market.

COLORADO: Low pressure storms early in week provided small amounts of precipitation. High pressure on April 2nd, 3rd brought drier weather. Snowfall in mountains, showers at lower elevations late in week.

Spring grain seeding advanced with 5.0 days suitable for fieldwork. Barley 44% seeded, 18% 1984, 28% avg. Spring wheat 7% seeded, 4% 1984, 9% avg. Oats 28% seeded, 13% 1984, 23% avg. Onions 48% planted; summer potatoes 7% planted. Range, pastures greening; providing little forage. Livestock condition good with calving 58% completed; 48% of ewes lambed.

FLORIDA: Dry air, sunshine on 1st replaced next day by cloudy skies and periods of small rain showers as another cold front moved down Peninsula. Skies cleared midweek with temperatures across north dipping briefly into mid-to-upper 30's. Another cold front moved into central areas and stalled on 6th, bringing a few more small showers, few thunderstorms, but no major rainfall to relieve significantly dry spell.

Recent rainfall improved topsoil moisture, more needed for adequate moisture levels. Corn planting practically complete. Early corn fair to good progress. Tobacco transplanting active. Sorghum planting underway. Land preparation continued for soybeans, peanuts. Small grains fair condition, heading sugarcane good progress. Extremely dry conditions

continued to delay recovery of pasture. Pastures declined slightly; rated generally fair, Panhandle, south but vary from very poor to fair elsewhere. Weekend rains Central Peninsula some local areas farther north very beneficial but more rain needed. Cattle remain mostly fair condition. Citrus groves good condition, bloom complete. Valencia harvest slow progressing plants waiting for higher maturity ratios. Cold front moved through vegetable area midweek. Cool temperatures, showers accompanied front. Daytime highs in 70's, and 80's with early morning lows in 40's to 50's. Winds light to moderate. Shipments increased 38% over previous week. Crops gaining: Snap beans, cabbage, carrots, sweet corn, cucumbers, eggplant, escarole, green peppers, squash, tomatoes. Crops remaining steady in volume: Celery, lettuce, potatoes, strawberry. Supplies of cauliflower, Chinese cabbage, radishes, declined. Supplies of most crops expected to increase next several weeks. First light watermelon cuttings underway Immokalee area. Strawberry harvest registering seasonal decline.

GEORGIA: Temperatures averaged 50's north; low 60's central, south. Average 2 to 4° below normal. Lowest readings 23° on 3rd; warmest reading 86° on 4th. Rain fell only one day. Totals averaged 0.80 in. with number of locations getting over 1.00 in. Amounts under 0.50 in. in extreme east, south.

Soil moisture 30% very short, 59% short, 11% adequate. Days suitable for fieldwork: 6.0. Main activities: Land preparation; orchard spraying; planting corn, watermelons; setting tobacco. Corn 80% planted, 60% 1984, 63% avg.; 29% fair, 69% good, 1% excellent. Cotton 1% planted, 1% 1984, 4% avg.; 12% poor, 50% fair, 38% good. Peanuts 1% planted, 1% 1984, 2% avg. Grain sorghum 4% planted, 4% 1984, 4% avg.; 50% fair, 50% good. Tobacco 59% transplanted, 35% 1984, 59% avg.; 6% poor, 50% fair, 38% good, 6% excellent. Watermelons 86% planted, 64% 1984, 63% avg.; 3% poor, 55% fair, 39% good, 3% excellent. Apples 31% blooming, 58% 1984; 2% very poor, 5% poor, 29% fair, 63% good. Peaches 93% blooming, 99% last year; 18% very poor, 10% poor, 37% fair, 35% good. Wheat 88% jointing, 81% 1984; 59% boot, 43% 1984; 34% headed, 14% 1984; 1% very poor, 11% poor, 31% fair, 54% good, 3% excellent. Rye 6% poor, 32% fair, 59% good, 3% excellent. Other small grains 16% poor, 30% fair, 50% good, 4% excellent. Pastures 1% very poor, 7% poor, 38% fair, 51% good, 3% excellent. Cattle 1% poor, 33% fair, 63% good, 3% excellent. Hogs 20% fair, 76% good, 4% excellent.

HAWAII: Weather conditions continued to improve; cloudy conditions, cool temperatures slowed crop growth. Winds from a low pressure area north of Islands brought cool, drier air into State midweek. This produced record low temperatures some parts of State. Drier air allowed many fields to dry-out from heavy rains previous week. Rainfall diminished with most of last week's shower activity being light concentrated in windward and mountainous areas. Chinese cabbage production will remain heavy with shipments to Mainland expected to continue. Head cabbage production expected to increase and be of heavy volume. Head lettuce supplies will be moderate and steady over the next two weeks. Papaya production will continue below a year ago levels. Banana output will be light.

IDAHO: High pressure over area. Dry, warm northwesterly airflow. Only precipitation over north half of State. Amount light, spotty.

Temperatures above average as spring returned. Only cold spots in southeast continued snow on ground limited warming. Warmest temperature at Grandview with 81°. Coolest reading at Hamer with 0°.

Spring wheat planted 7%; 12% 1984; 16% avg. Spring barley planted 8%; 6% 1984; 12% avg. Sugarbeets planted 20%; 31% 1984; 19% avg. Onions planted 50%; 62% 1984; 37% avg. Lentils planted 1%; none 1984; 7% avg. Few potatoes planted. Winter wheat conditions fair to good. Patchy winterkill in north, snow mold in east. Hay supply fair to good. Calving 60%; lambing 76%. Fieldwork southwest, lower Panhandle. Snow cover east melting. Livestock conditions good except for northern calf loss, outbreak of coccidiosis on south central location.

ILLINOIS: Temperatures 2 to 4° below normal. Precipitation 0.10 to 0.60 in. northern third; 0.40 to 2.00 in. central; 0.70 to 0.90 in. southern third. Soil moisture 39% adequate, 61% surplus. Winter wheat condition 1% poor, 26% fair, 64% good, 9% excellent. Oats seeded 38%, last year 8%, 25% avg. Tillage for corn, sorghum, and soybeans 63% complete, 71% last year, 73% avg. Alfalfa condition 21% fair, 74% good, 5% excellent. Pasture condition 4% poor, 25% fair, 68% good, 3% excellent: supplying 24% livestock roughage requirements, 11% last year, 17% avg.

INDIANA: High temperatures averaged 2 to 4° below normal. Lows near freezing north to mid 40's south. Temperatures averaged to 2° above normal. Precipitation totaled 1.70 in. north to 1.00 normal plus south.

Fieldwork averaged 0.6 days. Topsoil, subsoil moisture adequate to mostly surplus. Spring cropland 48% tilled, 1984 50%, 58% avg. Oats 40% seeded, 1984 5%, 25% avg. Wheat condition 1% poor, 29% fair, 64% good, 6% excellent. Wheat height 4 in. 1984 3 in., 4 in. avg. Wheat 3% jointed 1984 1%, 3% avg. Clover 55% seeded, 1984 35%, 50% avg. Apple buds 75% alive. Pastures fair.

IOWA: Chilly, cloudy week. Snow melted on 30th, 31st. Some hail, thunderstorms on 4th. Four inch soil temperatures averaged from lower 30's in northern counties to 40's in southern half of State.

Days suitable for fieldwork: 0.9. Oat acreage 35% sown; 2% last year; 29% avg. Condition of winter wheat 6% poor to very poor, 28% fair, 55% good, 7% excellent. Topsoil moisture conditions 94% adequate, 6% surplus. Subsoil moisture conditions 3% short, 93% adequate, 4% surplus. Livestock good to excellent condition.

KANSAS: Precipitation averaged 0.50 in. northwest, 1.00 in. southeast, 0.50 to 0.75 in. elsewhere. Temperatures averaged 48° northwest to 53° southeast. Temperatures normal northeast and east central, 4° above normal northwest, 1 to 3° above normal elsewhere.

Wheat continued good growth. Wheat jointing started. Moisture supplies good most areas, driest southwest. Light to moderate freeze damage northeast, southeast. Spindle streak and soil-borne Mosaic light to moderate central, eastern areas. Oats, barley seeding continued good progress, 85 and 90% complete, respectively. Major activities, preparing land for spring planting, fertilizing wheat and weed spraying. Days suitable for fieldwork: 4.0.

KENTUCKY: Week began and ended unseasonably cool. During midweek temperatures warmed to

80° mark, touched off some severe weather average temperatures near normal. Extremes: Lows in upper 20's and lower 30's; highs in upper 70's to lower 80's. Precipitation ranged from about 0.50 in. to over 1.00 in. about 0.50 in. below normal.

Days suitable for fieldwork: 4.1. Soil moisture 9% short, 77% adequate, 14% surplus. Tobacco plant beds 88% seeded, 48% last year, 70% avg. Plants up in 22% of seeded beds. Some corn planted during week, mostly southern counties. Wheat good condition, growing well. Pastures good. Peach prospects poor.

LOUISIANA: Rainfall amounts ranged from none to 0.45 in. Average temperatures normal to 3° below. Low 39°; high 85°.

Soil moisture adequate to surplus northern half, adequate southern half. Days suitable for fieldwork: 3.8. Activities included spring plowing; pasture fertilization; planting corn, rice, sorghum, vegetables. Spring plowing 59%, 50% 1984, 56% avg. Corn planted 74%, 66% 1984, 54% avg. Corn emerged 57%, 51% 1984, 39% avg.; fair to good condition. Sorghum planted 4%, 9% 1984, 7% avg.; fair to good condition. Rice planted 25%, 34% 1984, 30% avg. Rice emerged 14%, 21% 1984, 18% avg.; fair to good condition. Winter wheat headed 30%, 39% 1984, 30% avg.; fair to good condition. Pastures, livestock, vegetables fair to good. Harvesting strawberries continued; quality good. Sugarcane fair condition. Applying herbicides, off - barring cane.

MARYLAND & DELAWARE: Maryland: Weather warm, wet. Temperatures averaged mostly 3 to 5° above normal. Lows in mid to upper 20's; high temperatures mostly in the low to mid 80's. Precipitation for State averaged 1.30 in. ranging from 0.74 to 2.04 in.

Tobacco farmers in second week of auction sales. Between rains some plowing done as well as liming of some fields.

Delaware: Weather warm, wet. Temperatures averaged 2° above normal south, 7° above normal north. Lows near 30°; high temperatures in high 70's. Precipitation averaged 1.03 in. ranging from 0.65 in. north to 1.49 in. south.

Farmers plowed and began planting peas.

MICHIGAN: Cool, wet week; temperatures averaging 3° below normal. Severe thunderstorms caused considerable damage, dropped heavy amounts of precipitation. Damage caused by strong winds, lightning, heavy rains, floods.

Fieldwork slow excess precipitation. Fruit growers continued pruning, burning bruse. Lambs, calves showed up in pastures. Brisk demand for hay, straw. Livestock, in good shape. Feed supplies adequate. Some dairy operations auctioned off.

MINNESOTA: Alternating high, low pressure systems moved across State, resulting mixture of cloudy, clear days. Precipitation light except in southern third of State, significant amounts of snow fell. Temperatures averaged 1° below normal to 3° above normal. Low: 16°; high: 69°. Precipitation averaged from 0.49 in. below normal to near normal. Greatest total for week 1.12 in. Snowfall averaged 2 to 8 in. for southern third plus central, east central; trace elsewhere. Snow depth at weeks end averaged zero.

Field activity almost nil to date, since ground saturated in many areas plus some frost still in ground. Along South Dakota border,

very limited seeding of wheat, plus a little disking.

MISSISSIPPI: Cold front passed over State on the 5th producing thunderstorms, hail, high winds. Temperatures averaged near normal for week. Extremes 30°; 83°. Greatest 24-hour rainfall 1.15 in.

Soil moisture adequate. Fieldwork 4.1 days suitable, 2.0 1984, 2.5 avg. Wheat condition fair to good; 85% jointing, 71% 1984, 67% avg.; 13% heading, 5% 1984, 9% avg. Corn 53% planted, 20% 1984, 28% avg.; 30% up to stand, 14% 1984, 14% avg. Watermelons 30% planted, 16% 1984, 33% avg. Cotton 1% planted. Peanuts, sweetpotatoes 3% planted. Rice planting just underway. Hay, feed grain supplies adequate to short. Pasture, livestock in fair to good condition.

MISSOURI: Temperatures ranged from 3° below normal over most of State to 2° above normal in Bootheel. Rainfall from 4th to 6th in northern half averaged around 0.50 in., southern half averaged over 1.00 in. Severe weather with hail on 5th with some storm totals of around 1.50 in.

Fieldwork underway in most areas of State, although rain and muddy fields still hindering progress. Pastures making good growth.

MONTANA: Good week across State all areas, except southwest received between 0.20 to 0.30 in. precipitation. Dry in southwest. Temperatures very mild, ranged from normal in northeast, southeast to 10 to 12° above normal over southwest.

Topsoil moisture short to adequate. Subsoil moisture mostly short. Winter wheat fair to good. Crop starting to green-up. Small grain plantings just starting. One day suitable for fieldwork. Calving 70% complete; lambing 60% complete. Sheep shearing 55% complete. Ranges starting to green-up. Stockwater supplies mostly adequate.

NEBRASKA: Temperature averaged near normal statewide. Precipitation ranged from 0.33 in. north to 0.10 in. in south.

Topsoil moisture rated 36% short, 62% adequate, 2% surplus. Subsoil moisture rated 26% short, 74% adequate. Winter wheat rated 34% fair, 65% good, 1% excellent. Dry conditions exist in west. Oat seeding 60% complete, 2% last year, 20% avg. Days suitable for fieldwork 3.2.

NEVADA: Sunny skies, mild temperatures entire week. Temperatures unseasonably warm all areas, as much as 6 to 12° above normal. No precipitation reported.

Excellent progress fieldwork all areas due to warm sunny weather and mild wind movement. Above normal temperatures and no precipitation easy on newborn calves, lambs.

NEW ENGLAND: Temperatures near average for week. Southern temperature readings in 60's to low 70's by end of week. Precipitation above normal over most of north with light snow, rain spread throughout week. In south precipitation near normal or a little below normal with wettest time early on morning of 1st and again late night on 7th.

Maple syrup production winding down in southern areas. Some winter rye emerged in southern locations.

NEW JERSEY: Temperatures near normal; averaging 44° north, 49° south, 50° coastal. Extremes: 13°; 84°. Precipitation below normal; averaging 0.32 in. north, 0.19 in.

south, 0.16 in. coastal. Heaviest 24-hour total 0.53 in. 1st and 2nd.

Fieldwork: Soil moisture ranges from adequate to short. Farmers tending to livestock, normal spring chores. Early spring vegetable planting underway. Field preparations increasing at good pace.

NEW MEXICO: Average temperatures 3 to 5° above normal. Minimum temperature; 40° northern mountains; maximum temperature: 88° southeastern Plains. Few very light showers in northeast at midweek. Precipitation from none to 0.07 in.

Soil moisture short to adequate, mostly adequate. Hail, wind damage none to light. Freeze damage none to moderate. Alfalfa hay good to excellent - 1st cutting expected to start 2nd week in May. Cotton planting expected to start middle of April. Corn planting started in southeast - planting in remainder of State expected to start middle of April. Barley good to excellent - 15% jointed. Irrigated, dryland wheat good to excellent - grazing decreasing to 20% - 10% jointed. Pecans fair to good. Apple bloom in progress - as high as 80% in southwest. Chile good; 50% planted south. Lettuce fair to good. Onions good. Cattle fair to good - working calves continued. Sheep good to excellent. Range fair to good, mostly fair.

NEW YORK: Week damp across State with some precipitation every day of week somewhere in State. Widespread, fairly heavy rain along with several inches of snow north of the Mohawk on March 31st. Most of week cool. Widespread cloudiness held down maximum temperatures. Unseasonably warm air arrived on April 5th sending temperatures to nearly 80° in southeastern areas.

Farm activities for week included tending livestock, planning for spring planting, routine farm chores.

NORTH CAROLINA: Temperatures averaged 3 to 5° above normal, except up to 8° above along coast. Precipitation ranged from none to 1.94 in. in mountains.

Soil moisture; 15% very short, 72% short, 13% adequate. Days suitable for fieldwork 6.3 Condition: Pasture 4% poor, 38% fair, 57% good, 1% excellent. Wheat 1% poor, 23% fair, 71% good, 5% excellent. Oats 4% poor, 33% fair, 48% good, 5% excellent. Barley 30% fair, 67% good, 3% excellent. Rye 29% fair, 70% good, 1% excellent. Tobacco beds 2% poor, 45% fair, 48% good, 5% excellent. Irish potatoes 36% fair, 60% good, 4% excellent. Farm feed supplies: Hay and roughage 1% short, 95% adequate, 4% surplus. Feed grains 2% short, 96% adequate, 2% surplus. Plantings: Corn 35% Major farm activities: Plowing, disking, liming, fertilizing, corn planting, tobacco plant bed maintenance, topdressing small grains, tending livestock, planting potatoes and gardens.

NORTH DAKOTA: Average temperatures for week near normal, ranging from 2° above normal northwest to 20° below normal central. Temperature extremes: Lows 50; high 66°. Measurable precipitation western, south central State later part of week. Most snow southwest district, average of 0.29 in. of moisture received. No significant precipitation eastern half of State.

Relatively cool but dry weather past week. Some spring fieldwork started; most still one to two weeks away, weather permitting.

OHIO: Temperatures below normal; highs ranged from low 50's north to near 60's extreme south.

Lows averaged from mid 30's north to 40's south. Four inch bare soil temperatures in mid 40's. Precipitation over 1.00 in. in most areas.

Fieldwork limited by cool, wet weather. Only 1.0 day suitable for fieldwork. Soil moisture 14% adequate, 86% surplus. Oat seeding 25% complete, 5% 1984, 20% avg. Tobacco beds 50% sown, 5% 1984, 45% avg. Winter wheat rated good; pasture, hay fair to good. Apples fair, peaches poor to fair. Activities: Topdressing winter wheat, pastures; pruning and spraying fruit trees; repairing machinery, cleaning fencerows, seeding oats and tobacco beds.

OKLAHOMA: Temperature averaged 1° below normal north central, west central, central, east central to 1° above normal Panhandle and southeast. Precipitation averaged none west central, southwest, south central to 0.39 in. northeast.

Sunshine, near-normal temperature accelerated wheat growth. Most late-planted wheat thin, ragged with bare spots. Producers still applying nitrogen, spraying weeds. Moisture-saturated fields prevented significant amount of seedbed preparation. Cattlemen slacked off supplemental feeding good pasture growth. Wheat good, pasture; livestock, good to fair condition. Wheat jointing: 55%; 45% 1984; 50% avg.

OREGON: North coastal areas 2.20 in. of precipitation beginning of week. Midweek front crossed Cascades left 0.70 in. in northeastern areas. Southern coast less than 0.30 in., 0.10 in. or less fell in southeastern areas. Temperatures generally 3 to 5° warmer than normal all areas.

Winter wheat fair to good condition east, poor to fair west of Cascades. Barley 61% seeded, statewide. Soil moisture less than normal. March 1st snowpack above normal most areas; reservoir storage 116% of average. Willamette Valley most spring grains seeded, grass fields in fair to good condition. Tillage on summer fallow underway in east. Coast, cranberry plants in delayed dormant stage; twig blight appeared much later than normal; fertilizers and fungicides being applied. Hood River pears getting second spray; first spray going on apples and cherries; some pruning; fertilizer going on. Willamette Valley orchards getting final prunings, fertilization. Peaches sprayed. Most orchard crops 7 to 10 days behind normal. Early potato planting about 90% complete at Hermiston-Boardman; midseason planting underway. Garlic, onion, carrot fields in central areas cultivated. Malheur County growers planting onions, sugarbeets, potatoes. Broccoli, green peas seeded in west; peas emerging. Some onion planting underway; field preparation for snap beans. Range, pasture fair to good. Grass slow to start growth, but green-up began. Animals on range by end of April. Livestock fair to good. Lambing, calving near complete.

PENNSYLVANIA: Week wet, unseasonably cold across State. Most stations received some precipitation each day. Western areas heaviest rainfall amounts with some stations reporting 1.00 to 1.50 in. amounts. Eastern areas rainfall amounts ranged from 0.50 to 1.00 in. On 5th daytime high temperatures reached into 70's, few in low 80's statewide. Weekly statewide temperature 40°, 5° below normal. Average rainfall of 0.85 in., 0.03 in. above normal.

Farming activities: Caring for livestock, routine chores, machinery and building repairs. Early spring fieldwork as weather permits.

PUERTO RICO: Island average rainfall 0.50 to 0.70 in. below normal. Highest weekly total 2.98 in. Highest 24-hour total 1.30 in. Temperature averaged about 76 to 77° on coasts and 68 to 69° interior divisions. Mean station temperature ranged from 63° to 78°. Extremes: 51°; 92°. Total rainfall 0.20 in. minus 0.46 in.

SOUTH CAROLINA: Temperatures averaged 2 to 3° above normal. Early morning readings on 4th in 30's over inland State. Cooler weather over State on weekend. Much needed showers moved over eastern State on 5th. Rain heaviest in western State.

Soil moisture mostly short. Days available for field activities 5.9. Corn condition fair; 76% planted, 37% 1984, 40% avg. Tobacco condition fair; 12% planted, 19% 1984, 18% avg. Additional rain badly needed for continued planting, germination. Peach condition continued poor to fair statewide. Tomato condition fair to good; 79% planted, 93% 1984, 87% avg. Watermelon condition fair; 64% planted, 47% 1984, 47% avg. Cotton condition fair to good; 3% planted, none last year, none avg. Small grains, pasture, condition down from last week. Oats condition fair, wheat and barley fair to good. Pastures condition fair.

SOUTH DAKOTA: Average temperatures ranged from zero to 3° above normal. Extremes: 8°; 75°. Rain, snow showers scattered across State southern third received most moisture.

Livestock good condition. Calving 29% complete, lambing 52% complete. Feed, stockwater supplies adequate. Range, pastures fair to good condition. Days suitable for fieldwork: 3.0. Topsoil moisture short to adequate west, mostly adequate east. Surplus reported in central, southeast. Small grain seeding beginning. Winter wheat fair to good.

TENNESSE: Temperatures averaged near normal for week. Low temperatures ranged from 30's in east to low 40's in west at weekend; high temperatures peaked in lower 80's on 4th. Rain fell over most of State on 5th. Amounts averaged 0.50 to 1.00 in. statewide.

Farmers averaged 4.1 days of fieldwork. Soil moisture levels rated: 23% short, 60% adequate, 17% surplus. Cotton planted: none, none 1984, none avg.

TEXAS: High pressure dominated most week, northwest flow upper atmosphere high pressure at surface reinforced by drier, cooler air spilling down from Central Plains. Precipitation confined to southern tip. Otherwise, little or no rain. Temperatures slightly below normal.

Crop: Grain sorghum fields Rio Grande Valley good progress. Dryland fields showed some signs of stress. Producers Coastal Bend resumed planting. Planted fields up to stands, looked good. Planting continued central areas, Blacklands. Producers Plains good progress land preparation, begin planting within couple of weeks. Corn field Rio Grande Valley made good progress. Planting Coastal Bend near completion, early fields good progress. Cultivating, fertilizing resumed central area, planting near completion. Blacklands, early field slow growth excessively wet soils. Most fields showed good stands; planting across Plains should begin soon, producers continued land preparations. Cotton planting neared completion Coastal Bend. Fields Rio Grande Valley good progress. Some replanting necessary dryland fields. Planting spread into central, eastern areas, Blacklands. Herbicide application, pre-watering continued Plains, planting time neared. Small grains benefitted

from milder temperatures. Winds Plains caused some lodging problems. Most wheat jointing, some early heading. Good progress continued despite windy conditions. Excellent growth Blacklands, central areas despite heavy rust infestations that could decrease final yields. Many producers applying fungicides to treat rust. Wheat continued to head. Oats not headed yet, but made good progress. Wheat condition 88% of normal compared with 68% last year. Current reported conditions 11% poor; 16% fair; 64% good; 19% excellent. Rice planting continued Upper Coast, field conditions permitted. Land preparation continued most other areas. Corn planted 51%; 59% 1984; 46% avg. Cotton planted 8%; 8% 1984; 10% avg. Rice planted 13%; 52% 1984; 43% avg.; emerged none; 11% 1984; 12% avg. Sorghum planted all purposes 42%; 49% 1984; 56% avg. Wheat headed 4%; 5% 1984; 3% avg. Peanuts planted none; 1% 1984; 2% avg. Sugarbeets planted 13%; 44% 1984; 45% avg.

Commercial Vegetables: Rio Grande Valley, onion harvest good progress, good volumes. Light supplies cabbage, carrots available. Good progress melons, peppers, tomatoes. Irrigation citrus groves. San Antonio - Winter Garden good progress made on warm-season vegetables. Onion harvest two to three weeks later than normal because cold temperatures January, February. East land preparation continued summer vegetables. Most bedding sweetpotatoes completed. Tomatoes, peppers being set out. High Plains planting onions, potatoes continued. Planting peppers began. Early potatoes up to stands. Good soil moisture existed. Trans-Pecos planting chilies continued. Other vegetables good progress. Peach trees continued bloom north, set fruit central, east. Excellent crop expected. Some minor leaf burn High Plains because cold night temperatures. Many producers spraying trees. Pecan trees continued leafing out most major-producing areas. Some producers applying zinc. No real insect problems existed.

Range and Livestock: Ranges continued greening. Many producers continued sprigging coastal, plant sudan. Some fertilizing completed. Adequate grazing reported nearly statewide. Small grains continued supplying good grazing. Livestock remained good condition. Market prices stronger.

UTAH: Precipitation first part of week. Accumulations light to moderate except in Uintah Basin, Dixie. Temperatures about normal, ranging 4° below to 5° above.

Fieldwork becoming common. Onion, grain planting progressing. Calving, lambing continued.

VIRGINIA: Cool first part of period then unseasonably warm remainder. Temperatures averaged 5° or more above normal. Precipitation averaged 0.25 in. More rain needed to relieve dry conditions.

Topsoil moisture 76% short, 24% adequate. Days suitable for fieldwork 5.7. Apple crop progressing normally, peach crop decimated by cold winter weather. Pastures, hay, small grains remain in good to excellent condition. Spring land preparation, fertilizing, liming and applying herbicides active and on schedule. Corn planting 10%, 7% 1984, 10% avg. Tobacco plant beds 99% completed with good to excellent conditions. Livestock good to excellent

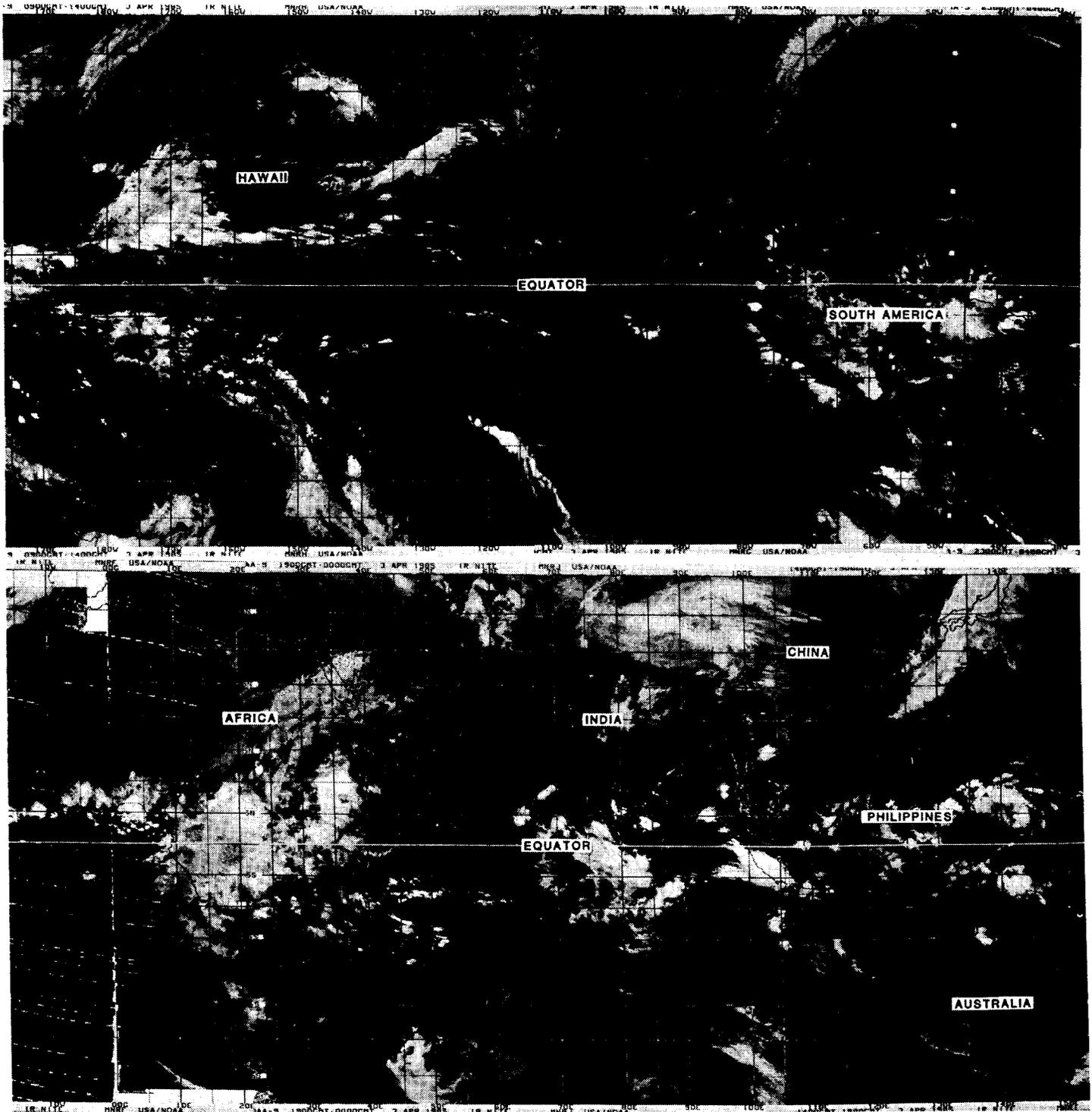
WASHINGTON: Rainfall significant, especially west of Cascades. Warm high pressure system raised temperatures to more normal level.

Late spring delayed fieldwork in eastern section. Snow cover winter grain fields caused serious problem with snow mold. Spring wheat 13

(Continued on back cover)

GLOBAL WEATHER SATELLITE PHOTO

April 3, 1985

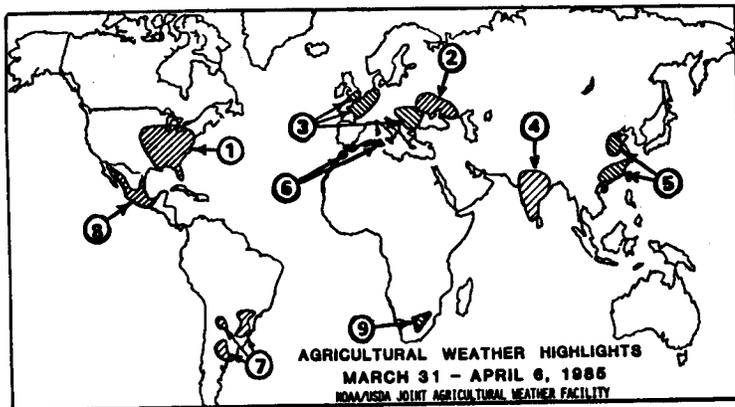


International Weather and Crop Summary

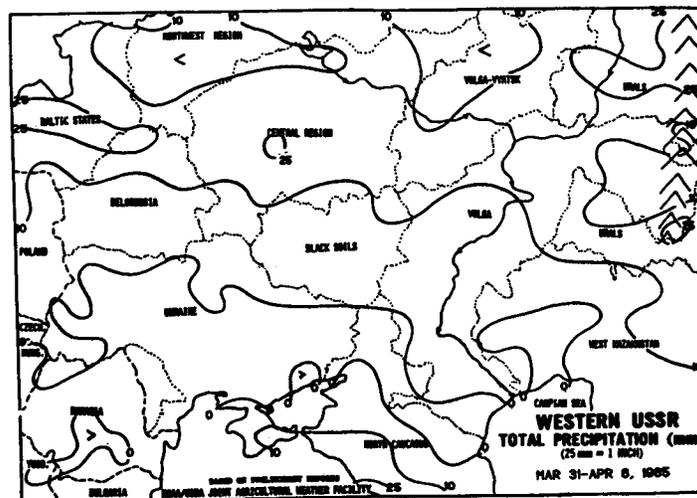
March 31 - April 6

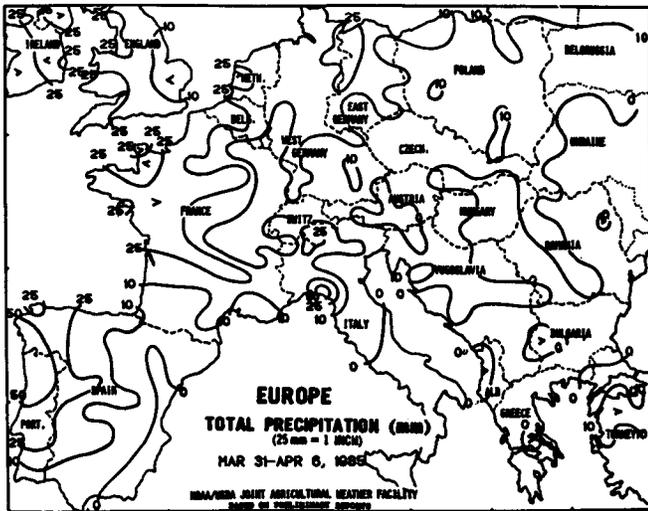
HIGHLIGHTS:

1. UNITED STATES ... Wetness continues delaying Corn Belt fieldwork. Several days of sunny, dry weather accelerated southern planting and crop growth. However, excessive dryness in the southern Atlantic coast slows planting and crop development.
2. WESTERN USSR ... Continued warm, dry weather favors some spring fieldwork in the south.
3. EUROPE ... Persistent showers in the northwest likely delayed spring fieldwork. Above-normal temperatures in the southeast probably induced winter grains to break dormancy.
4. SOUTH ASIA ... Precipitation increases in most of the region, but wheat and rice harvesting was not greatly affected.
5. EASTERN ASIA ... Rain in the south favors rice planting. Warmer temperatures in the north accelerate crop growth, but nonirrigated topsoils are becoming dry.
6. SOUTH AMERICA ... Showers again disrupt harvesting throughout the crop areas of Argentina and southern Brazil. Brazil's soybean harvest falls further behind schedule due to more locally heavy rain in Rio Grande do Sul and Parana. However, several days of dry weather allowed some fieldwork in most areas.
7. NORTHWESTERN AFRICA ... Dry weather minimally affects grains in Algeria and Tunisia, but persists in Moroccan winter grain areas causing crop conditions to deteriorate.
8. MEXICO ... Sunny, warm, dry weather aids most crops but decreases soil moisture.
9. SOUTH AFRICA ... The weather benefits harvesting in most of the Maize Triangle.

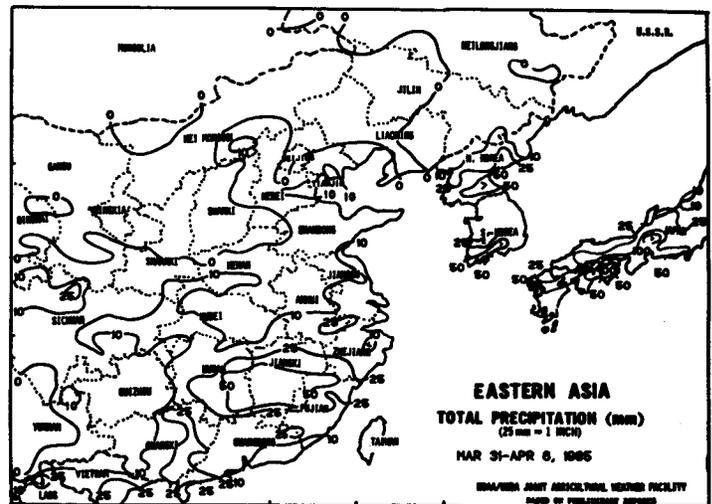


WESTERN USSR...Late-week continuous rain (10-25mm) covered winter grains in the Baltic States and Belorussia. Mixed rain and snow fell over the Central Region and the Volga Valley. Generally dry weather continued to cover southern winter wheat areas, and daytime maximum temperatures, ranging from 12C to 16C, helped dry topsoils. As a result, spring fieldwork should be underway in some areas. Weekly temperatures across the south were generally 2C to 4C above normal, which likely induced winter wheat to break dormancy in areas adjacent to the Black Sea (winter wheat normally breaks dormancy in these areas in late March).

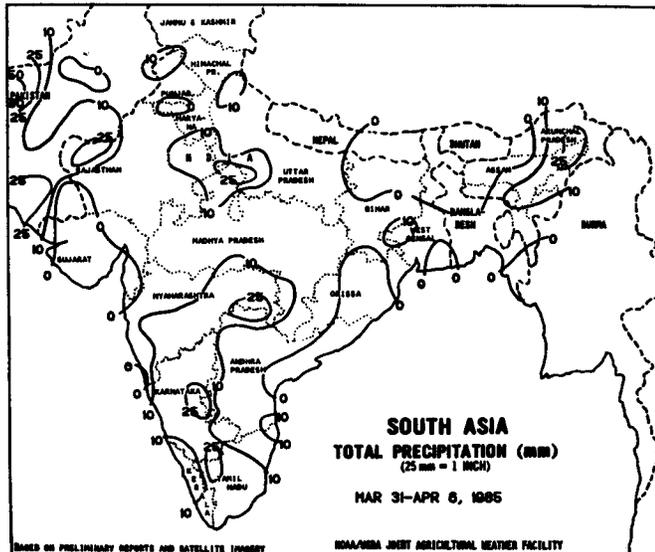




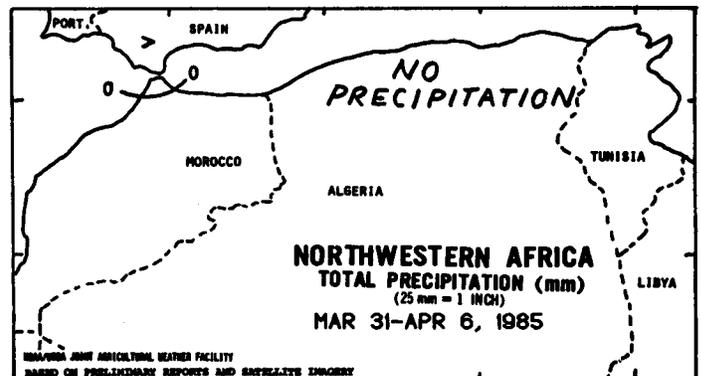
EUROPE... Storms continued to move across the northwest; crop areas in the western Iberian Peninsula, northwest France, England, West Germany, and East Germany received most of the rainfall. The rain in these areas was persistent, which delayed some spring fieldwork. The rain in central Spain favored winter grains, but the showers in southern Spain were insufficient to meet the crop moisture demand. Elsewhere, high pressure covered the southeastern two-thirds of the continent, keeping most crop areas unseasonably warm and dry. The warm weather likely induced winter grains to break dormancy in some southeastern crop areas.



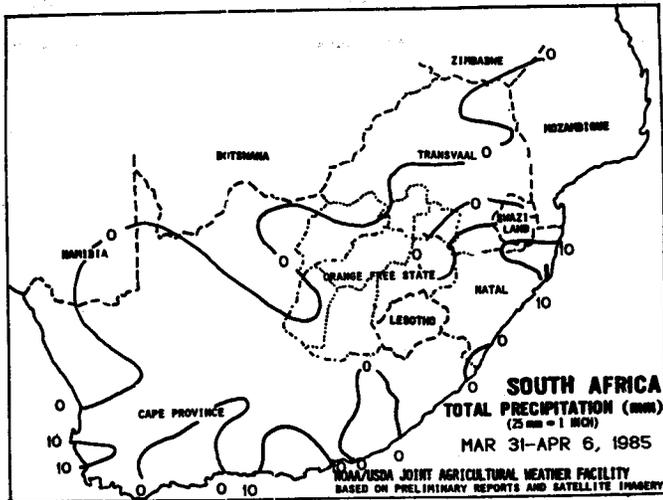
EASTERN ASIA... Beneficial, moderate to heavy rain (25-75mm) continued in the rice region south of the Yangtze River. The heaviest rain fell in Hunan and Jiangxi where weather was relatively drier last week. Following last week's heavy rain, drier weather in Guangdong allowed fieldwork. Warmer temperatures in most of the rice region favored early growth. Below-normal rain (less than 10mm) continued in most of the North China Plain. Nonirrigated winter wheat in Henan and Shandong may have limited topsoil moisture because recent warmer temperatures, although still below-normal, have accelerated crop growth and increased evaporation. The warmer weather in the North China Plain favored cotton planting and early growth.



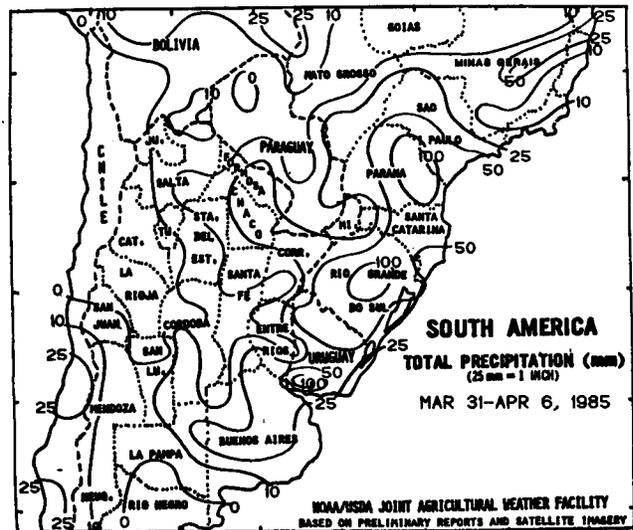
SOUTH ASIA... Variable rain fell in much of the region. As much as 25mm of rain fell in parts of Tamil Nadu, Karnataka, Myharashtra, and Uttar Pradesh. Rain in the northern wheat area was light to significantly slow harvesting. Precipitation has increased during the last 3 weeks but will minimally affect agriculture. Planting must wait for monsoon rain in June, because April and May are normally the hottest months of the year. Drier weather in the east favored summer rice harvesting.



NORTHWESTERN AFRICA... Mostly dry weather covered winter grains in the heading stage. The dry weather in Algeria and Tunisia probably had minimal impact, because soils were sufficiently moist to meet the crop's moisture demand. In Morocco, dry weather continued to adversely affect winter grains. Crop areas in southern Morocco, where a majority of winter grains are produced, have been dry for the past 5 weeks, likely reducing the yield potential. Rain is needed soon to stabilize the deteriorating crop conditions.



SOUTH AFRICA... Little or no rain fell in the Maize Triangle. Following last week's moderate rain, dry weather in the east favored corn harvesting. Favorable harvesting weather continued in most of the western Triangle and in the northern Transvaal. Wheat planting normally continues through April and May.



SOUTH AMERICA... Showers and thunderstorms again disrupted harvesting throughout summer crop areas of Argentina and southern Brazil. In Argentina, showers fell during mid-week over Buenos Aires and the surrounding provinces followed by late-week dry weather. Argentina's crop harvest advanced slowly, with corn and sorghum harvesting about 35 and 25 percent complete, respectively. These figures represent only a 5 percent advance from the previous week. Heavy showers inundated Brazil's major soybean-producing states of Rio Grande do Sul and Parana after several dry days earlier in the week. Dry weather helped to dry topsoils in the south later in the week, but persistent showery periods in recent weeks have delayed initial soybean harvesting in Rio Grande do Sul. Parana's harvest is about 50 percent complete, about 10 percent behind the pace of recent years. The wetness also maintains a high moisture content in the mature soybeans.



MEXICO... Abundant sunshine and warm weather favored fieldwork and crop development, but decreased soil moisture. Irrigated northwestern corn and grain sorghum should be growing rapidly, especially with the few days of hot temperatures in the upper 30C. West coast crops should be progressing well as winter wheat matures, vegetables decrease seasonally, and summer field crops begin rapid vegetative growth. Crops in other major producing areas had near-seasonal weather.

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(Continued from p. 19)

points behind last year, 36% seeded; barley 22% seeded, 16 points behind last year. Fruit trees began blooming; daffodil, tulip harvest in full swing. Livestock good. Rangeland began greening.

WEST VIRGINIA: Temperatures averaged 1 to 20 above normal. Low 21° Green Bank; high 86°. Precipitation averaged below normal. Least rainfall 0.07 in. at Moorefield, most 0.85 in. at Wheeling.

Soil moisture adequate to short. Days suitable for fieldwork averaged 3.1. Feed supplies adequate.

WISCONSIN: Mostly wet, stormy for week. Temperatures averaged near normal. Rain, thunderstorms in south, 2 to 5 in. snow in north on 4th continuing through 5th. Precipitation averaged 1.00 to 2.00 in.

Maple syrup continued flowing good in north, activity in south considerably diminished. Farmers continued preparing machinery, hauling manure, chop stalks, some spring plowing. Some

planting of oats extreme southern counties. Livestock good.

WYOMING: Temperatures above normal. Precipitation below normal except northeast corner.

Topsoil moisture short 51% State. Subsoil short 51% State. Days suitable for fieldwork: 4.0. Winter wheat fair to mostly good condition. Light to moderate wind damage. Freeze damage. Sugarbeets planted 5%, spring wheat planted 5%, oats planted 10%. Barley planted 35%, 16% 1984, 24% avg. Alfalfa prospects mostly good. Livestock mostly good condition. Spring calves born 50%, death losses light to normal. Farm flock: Ewes lambed 65%; shorn 60%. Range sheep: Ewes lambed 20%, shorn 25%. Lamb losses light to normal. Range conditions fair to good most areas.

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