

WEEKLY WEATHER AND CROP BULLETIN

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

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

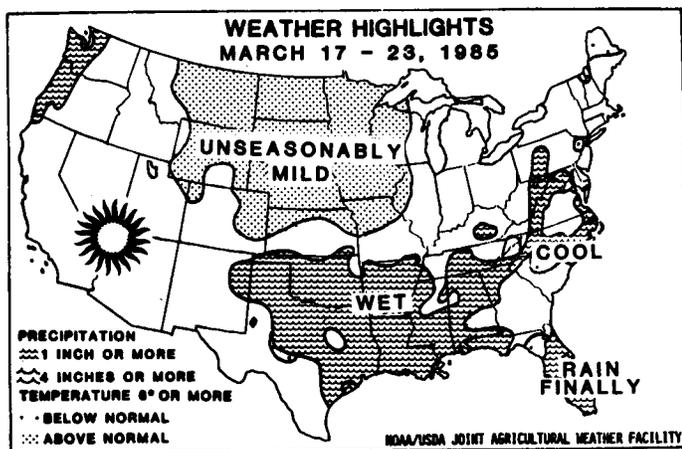
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WASHINGTON, D.C.

Mar. 26, 1985

National Weather Summary

March 17 to 23, 1985



Texas across southern Oklahoma. A band of light showers and a few thunderstorms extended along a line from Kansas to Pennsylvania.

WEDNESDAY...Showers and thunderstorms spread from the central Plains to the lower Ohio Valley and across the South to Georgia. The heaviest thunderstorms were from southeastern Texas to southern Mississippi and northwestward to north central Oklahoma. A few showers spread over the Pacific Northwest.

THURSDAY...Showers and thunderstorms drenched parts of the Southeast, and the stormy area moved northward to the Ohio Valley and Virginia. The moisture was most welcome in southern Florida where dry weather has been a problem. Rain scattered along the North Pacific Coast, while rain in the lower valleys and snow in the mountains was reported across the intermountain region to the northern Rockies.

FRIDAY...Cold rain, wet snow, and brisk winds made problems for livestock over the High Plains from Kansas to North Dakota, while rain pushed through Nebraska to northern Illinois. Meanwhile, a storm off the southeastern coast brought rain to the mid-Atlantic States and lighter rain through the Ohio and Tennessee Valleys and into Pennsylvania.

SATURDAY...Rain continued in the mid-Atlantic States, the Ohio and Tennessee Valleys. Showers scattered over the lower Great Lakes region and the upper Mississippi Valley. Strong thunderstorms developed over the lower Mississippi Valley and spread into Georgia. Heavy rain and high wind buffeted the coasts of Washington and Oregon, and heavy snow began in the high elevations east of the coast.

HIGHLIGHTS: 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 covered most of Florida, furnishing a slight 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. The freezing mark reached into northern Florida.

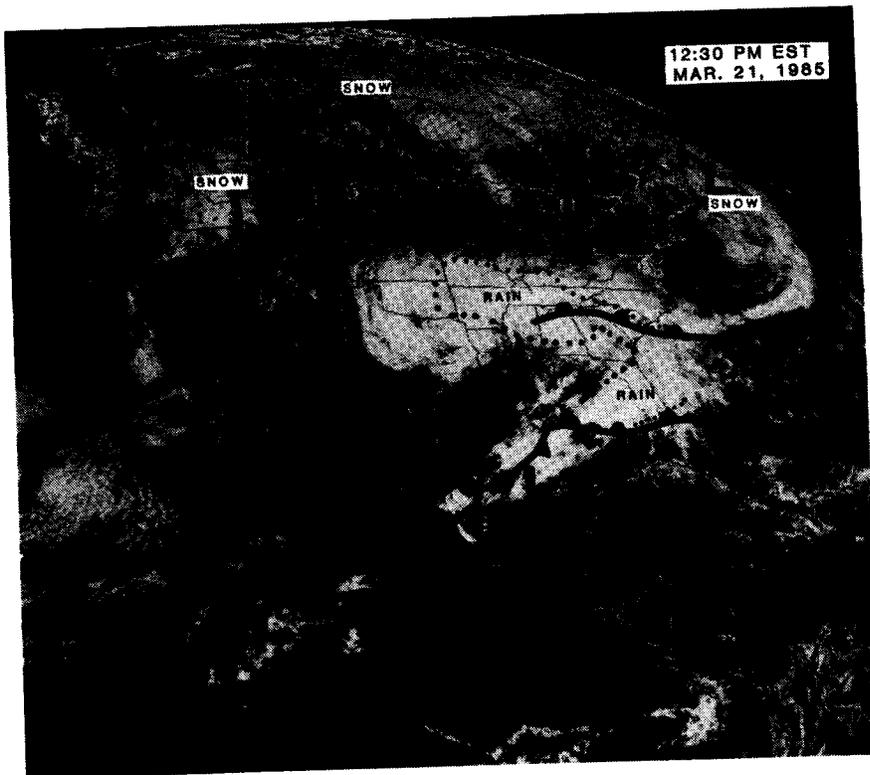
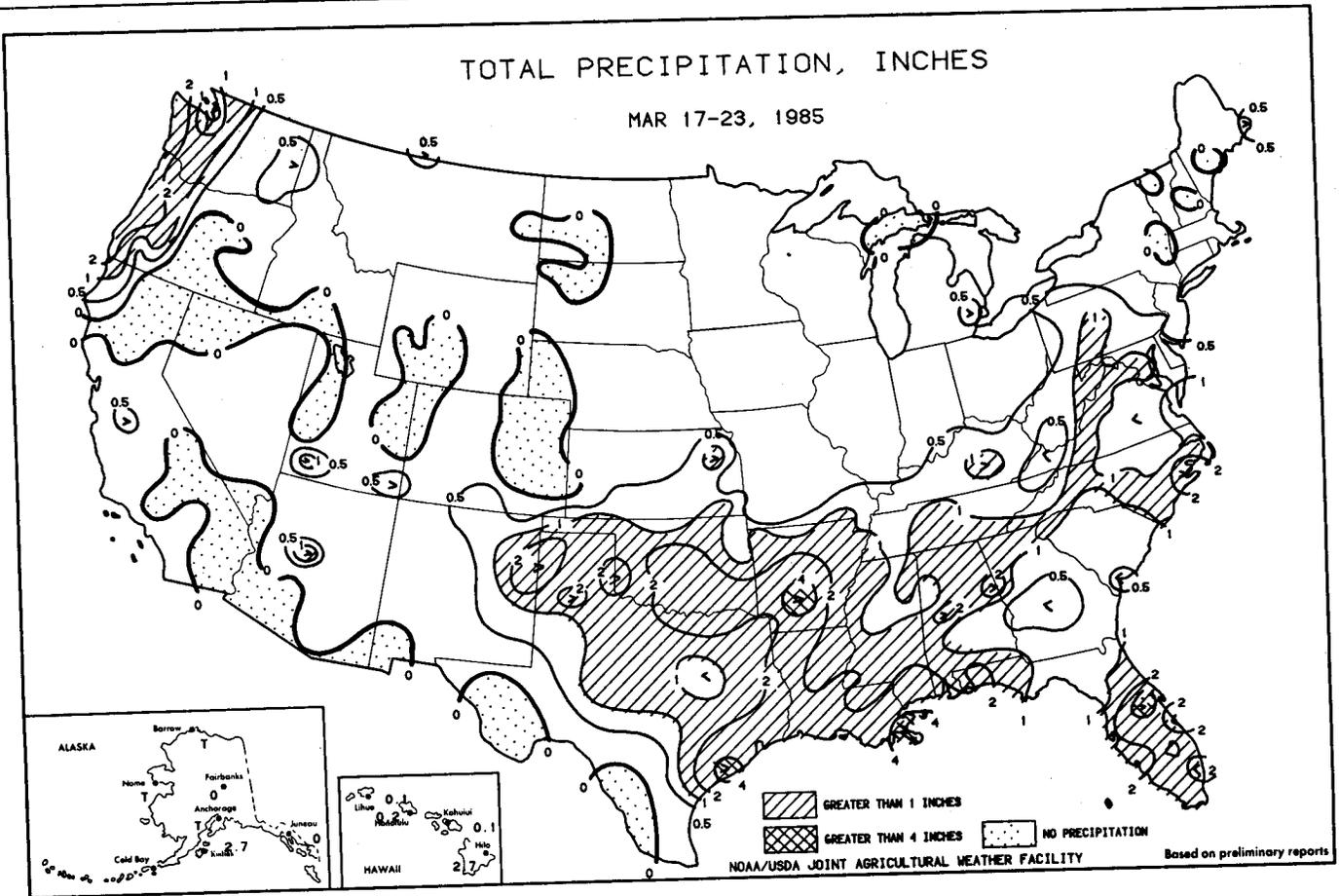
SUNDAY...Light showers continued along the eastern gulf coast, Florida, and the southeastern coast. Some heavier thundershowers fell over south central Florida and two tornadoes touched down in the southwestern part of the State. Cooler air pushed through the eastern Great Lakes and triggered some early morning snowshowers in the Northeast.

MONDAY...Rainshowers, with snow in the mountains, fell from central and southern California to Nevada, Arizona, and southern Utah. A few snowshowers fell over the New England coast as much colder air pushed southward along the east coast. Most of the Nation was without precipitation of any kind.

TUESDAY...Colder air covered the Appalachians and the east coast States. Freezing temperatures reached to northern Florida. Widespread rain doused the southern Plains and spread across Louisiana and Arkansas. Thunderstorms were heavy from central

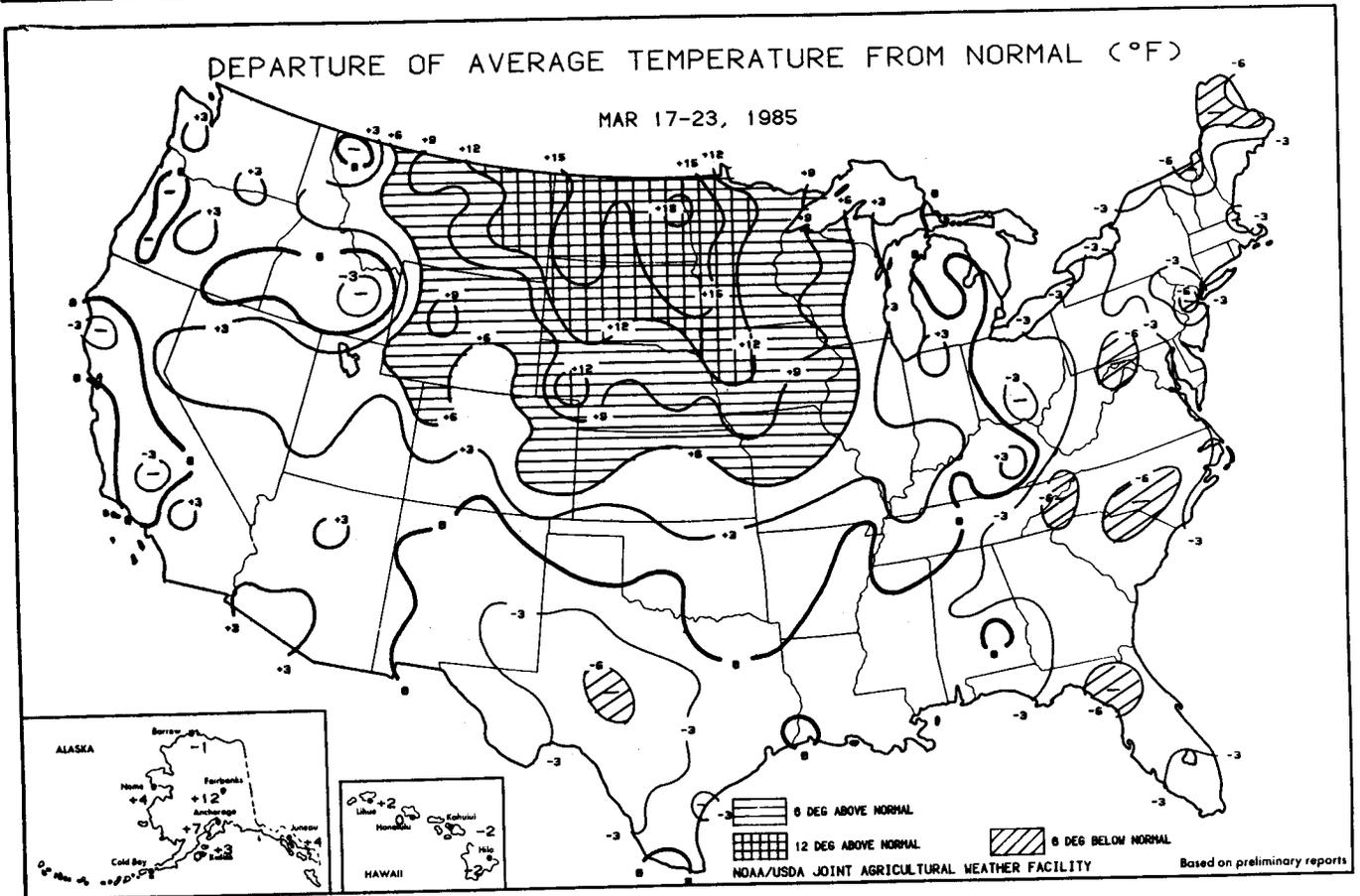
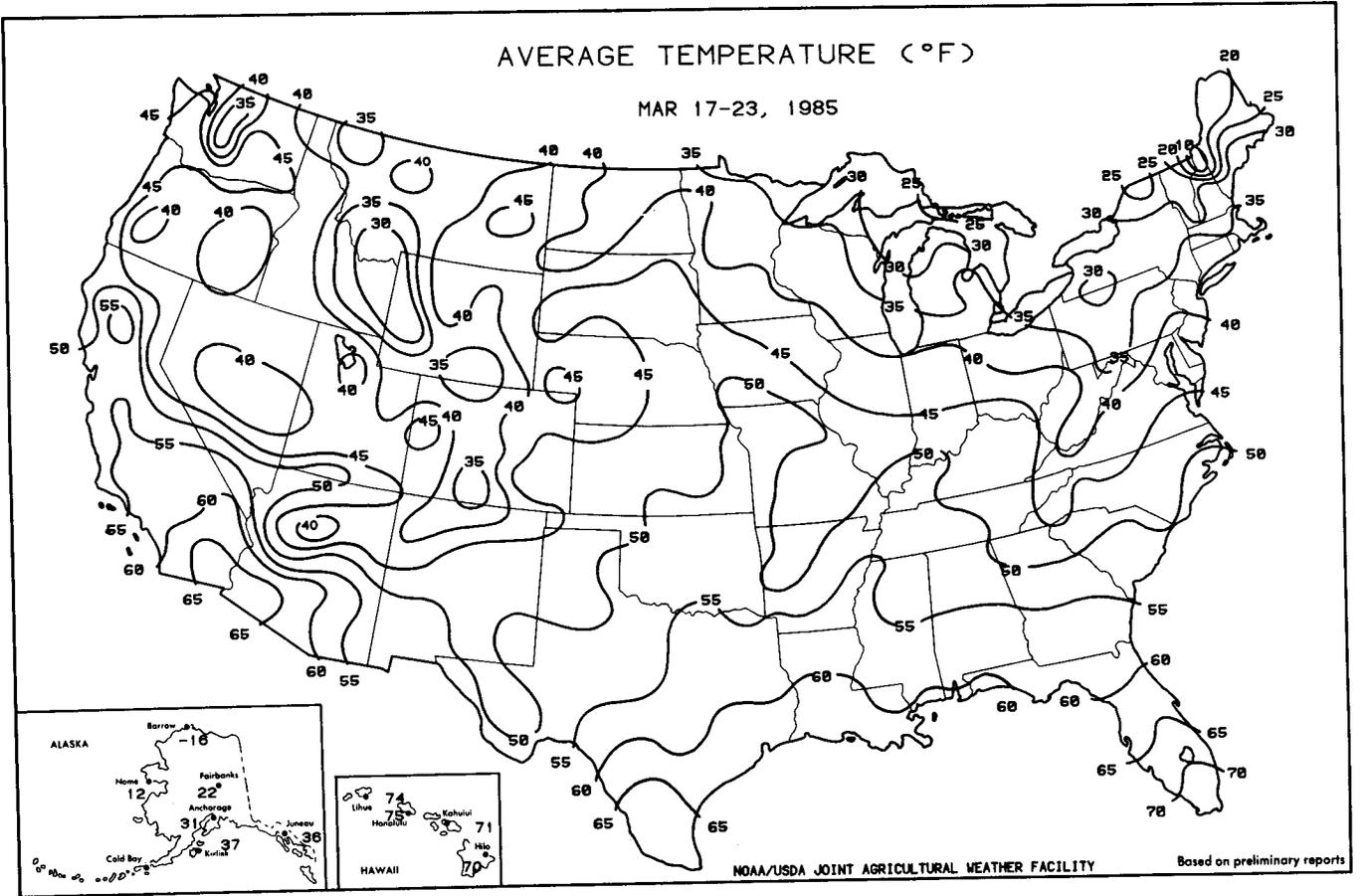
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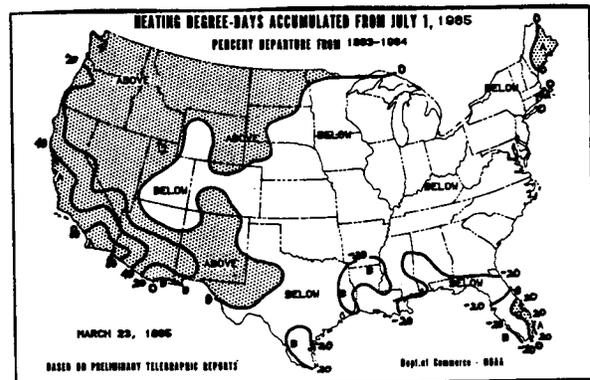
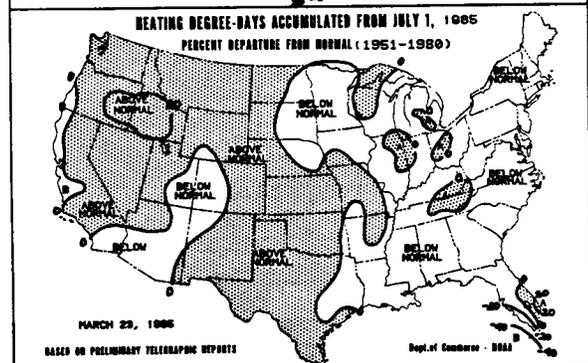
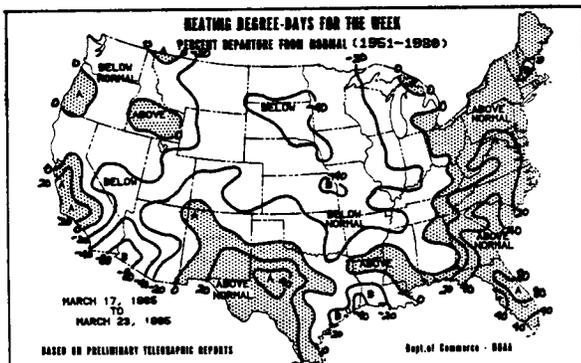
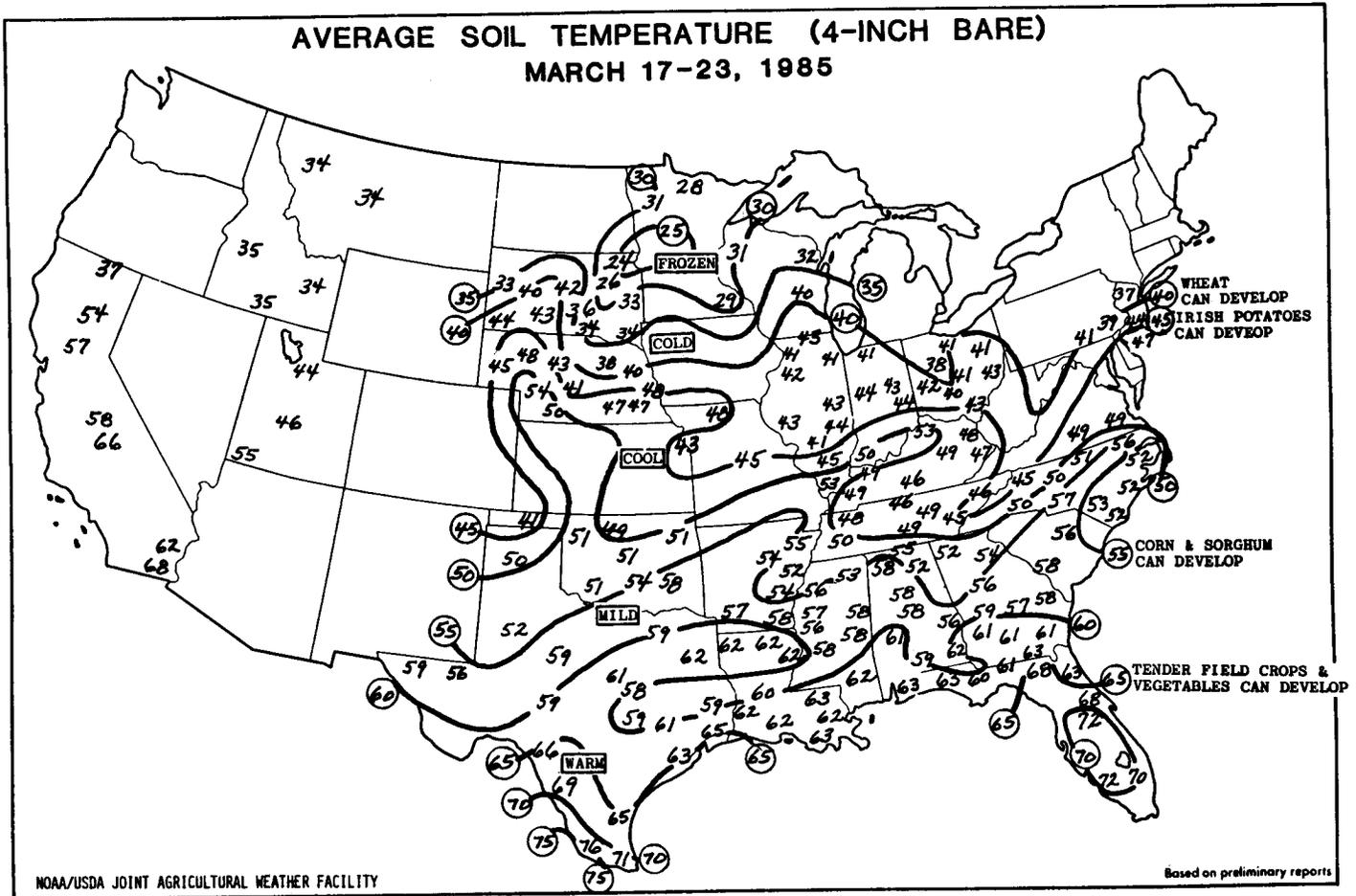
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RAIN FINALLY COMES TO THE VERY DRY AREAS IN FLORIDA, AMOUNTING TO 1 TO 2 INCHES. SHOWERS IN SOME ISOLATED AREAS MEASURED AS MUCH AS 4 INCHES. MORE RAIN IS NEEDED TO REPLENISH GROUND WATER.

RAIN THROUGH THE SOUTH SLOWED FIELDWORK BUT BENEFITED PASTURES AND EARLY CROPS.





Weather Data for the Week Ending March 23, 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	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
AL BIRMINGHAM	64	42	70	30	53	-2	1.3	-3	1.1	1.6	31	11.3	76	80	34	0	1	4	1	
MOBILE	71	48	74	41	59	-2	3.0	1.5	2.7	5.0	104	16.5	115	81	39	0	0	3	1	
MONTGOMERY	70	46	75	32	58	0	.6	-7	.3	1.5	34	13.9	105	78	34	0	1	4	0	
AK ANCHORAGE	39	24	42	22	31	7	T	-1	T	.9	160	2.3	100	91	53	0	7	0	0	
BARROW	-11	-20	-4	-25	-16	-1	T	-1	T	.1	111	.2	40	72	56	0	7	2	0	
FAIRBANKS	39	5	43	-12	22	12	0	-1	0	.6	178	1.5	115	79	41	0	7	0	0	
JUNEAU	40	31	45	27	36	4	T	-7	T	.3	10	1.2	13	95	50	0	5	0	0	
KODIAK	41	32	49	23	37	3	2.7	1.9	1.0	5.0	159	20.8	118	94	62	0	2	6	2	
NOME	17	7	22	-1	12	4	T	-1	T	1.5	356	2.6	153	80	63	0	7	1	0	
AZ PHOENIX	77	52	81	48	64	3	T	-2	T	.4	60	1.5	75	65	20	0	0	0	1	
PRESCOTT	58	32	67	29	45	2	1.2	.8	1.0	1.5	125	4.2	95	84	37	0	5	2	0	
TUCSON	73	45	78	44	59	1	T	-1	T	.2	33	2.9	145	60	19	0	0	1	0	
YUMA	82	53	88	50	68	3	0	0	0	T	0	.3	38	55	18	0	0	0	0	
AR FORT SMITH	64	44	72	33	54	2	1.3	.4	.9	3.2	113	10.4	144	84	39	0	0	3	2	
LITTLE ROCK	62	47	72	42	54	1	2.6	1.5	1.6	4.2	119	10.6	96	78	52	0	0	3	1	
CA BAKERSFIELD	66	44	72	40	55	-3	.2	0	.2	.4	52	1.1	41	86	41	0	0	1	0	
EUREKA	56	41	60	34	49	1	.9	-2	.8	2.6	66	6.9	43	90	59	0	0	3	1	
FRESNO	64	44	71	38	54	0	.3	0	.3	1.3	107	2.4	47	84	47	0	0	1	0	
LOS ANGELES	63	48	73	44	56	-2	.2	.2	.2	.3	25	3.0	45	82	52	0	0	0	0	
RED BLUFF	66	43	70	40	55	1	0	-5	0	1.9	102	3.4	35	76	40	0	0	0	0	
SACRAMENTO	63	42	67	37	53	-1	.1	-4	.1	1.0	66	3.3	39	98	53	0	0	1	0	
SAN DIEGO	67	55	75	51	61	2	T	-3	T	.3	23	1.5	31	82	55	0	0	1	0	
SAN FRANCISCO	60	45	62	40	53	0	.3	-3	.2	2.1	100	5.2	53	89	55	0	0	2	0	
CO DENVER	57	30	64	25	44	5	T	-3	T	.3	38	1.6	80	65	19	0	5	0	0	
GRAND JUNCTION	60	33	63	24	47	4	T	-2	T	.4	76	1.2	71	64	23	0	2	0	0	
PUEBLO	63	31	68	24	47	6	0	-1	0	.3	64	1.2	120	69	16	0	4	0	0	
CT BRIDGEPORT	47	29	55	18	38	-1	.1	-8	0	1.7	59	4.5	49	68	33	0	5	2	0	
HARTFORD	50	24	63	13	37	-1	T	-9	T	1.7	56	4.2	43	66	22	0	6	1	0	
DC WASHINGTON	50	35	69	24	43	-5	1.0	.2	.8	1.3	49	6.4	80	64	35	0	2	2	1	
FL APALACHICOLA	69	49	73	38	59	-3	1.0	.1	1.0	2.2	72	9.5	93	81	46	0	0	1	1	
DAYTONA BEACH	72	49	85	38	61	-4	1.5	.8	1.2	1.5	64	2.8	36	87	48	0	0	2	1	
JACKSONVILLE	70	45	80	32	58	-5	.7	-2	.6	1.4	48	3.9	41	84	43	0	1	2	1	
KEY WEST	77	68	83	63	73	-2	2.1	1.8	1.5	2.1	210	2.7	57	69	49	0	0	3	2	
MIAMI	78	62	85	52	70	-2	1.3	.8	.6	1.3	97	1.8	33	78	41	0	0	3	2	
ORLANDO	73	52	82	41	63	-5	4.1	3.4	4.1	4.6	185	6.8	92	96	49	0	1	2	1	
TALLAHASSEE	73	43	79	31	58	-3	.7	-5	.6	3.2	74	7.8	56	92	37	0	0	2	1	
TAMPA	74	53	79	37	63	-4	1.7	.9	1.5	1.8	66	5.9	75	89	44	0	0	2	1	
WEST PALM BEACH	76	61	86	48	68	-2	3.4	2.9	3.2	3.5	176	4.8	66	86	46	0	0	2	1	
GA ATLANTA	60	40	68	33	50	-4	1.0	-4	.5	1.3	30	10.5	76	74	33	0	0	2	1	
AUGUSTA	63	39	73	26	51	-5	.8	-3	.6	1.2	32	11.1	94	90	39	0	3	2	1	
MACON	64	41	70	28	53	-5	.3	-8	.3	1.1	27	9.0	70	92	43	0	1	3	0	
SAVANNAH	65	44	73	33	54	-5	.6	-3	.3	1.6	56	3.5	38	84	41	0	0	3	0	
HI HILO	76	64	77	62	70	-2	2.7	-2	1.4	18.4	182	35.4	107	89	58	0	0	7	2	
HONOLULU	81	69	82	67	75	0	.2	-6	.2	1.1	39	6.1	66	76	50	0	0	1	0	
KAHULUI	77	65	81	62	71	-2	.1	-5	.1	1.1	47	3.5	35	92	57	0	0	2	0	
LIHUE	78	69	79	67	74	2	.1	-1.0	.1	.3	7	9.2	69	76	57	0	0	3	0	
ID POISE	54	29	60	20	41	-1	.4	.2	.2	.6	82	1.3	38	81	34	0	4	3	0	
LEWISTON	56	36	66	31	46	3	.3	.1	.2	.4	55	1.3	43	72	38	0	1	4	0	
POCATELLO	43	23	50	18	33	-3	.1	-1	.1	1.0	138	2.6	96	91	57	0	5	1	0	
IL CHICAGO	47	27	63	18	37	0	.2	-4	.2	2.3	130	7.2	153	87	46	0	7	1	0	
MOLINE	55	33	65	26	44	7	.1	-6	.1	3.5	183	7.2	150	73	37	0	4	2	0	
PEORIA	56	33	68	24	44	6	.1	-6	.1	3.3	168	6.9	138	84	42	0	3	1	0	
QUINCY	58	36	72	29	47	7	.1	-7	.1	2.2	99	6.4	128	84	47	0	2	2	0	
ROCKFORD	51	27	64	18	39	4	.5	-2	.5	2.3	132	5.1	119	85	39	0	5	1	0	
SPRINGFIELD	57	36	71	25	46	5	.1	-7	0	2.6	118	6.2	113	79	39	0	2	2	0	
IN EVANSVILLE	60	41	71	28	51	5	.4	-6	.2	1.8	54	7.8	83	75	40	0	1	3	0	
FORT WAYNE	52	29	66	20	41	2	.1	-6	.1	2.0	95	7.6	125	84	40	0	4	3	0	
INDIANAPOLIS	53	33	66	22	43	1	T	-8	T	2.1	79	7.1	92	80	37	0	3	1	0	
SOUTH BEND	50	29	62	16	40	2	.1	-6	.1	1.7	82	8.6	130	76	36	0	5	1	0	
IA DES MOINES	60	33	71	28	47	10	.2	-3	.2	1.6	105	4.2	117	84	32	0	4	2	0	
SIoux CITY	62	32	73	27	47	12	.2	-2	.2	1.4	111	1.8	64	82	31	0	3	2	0	
WATERLOO	54	30	59	26	42	9	.4	-2	.3	1.9	126	3.7	112	77	39	0	6	2	0	
KS CONCORDIA	60	36	70	29	48	7	.2	-3	.1	.5	35	2.4	86	92	49	0	2	2	0	
DODGE CITY	59	34	68	28	46	3	.5	-2	.4	.5	50	2.8	133	89	43	0	4	3	0	
GOODLAND	60	30	68	25	45	7	T	-3	T	.1	9	.8	53	79	21	0	6	1	0	
TOPEKA	63	40	72	28	52	9	1.0	.5	.9	2.0	129	4.7	138	87	46	0	1	4	0	
WICHITA	60	38	69	28	49	4	.5	0	.3	.9	63	3.2	107	90	51	0	1	3	0	
KY BOWLING GREEN	57	38	67	26	48	0	.7	-5	.3	1.9	45	6.2	50	91	47	0	2	3	1	
LEXINGTON	54	36	66	21	45	0	.9	-2	.6	2.8	79	5.8	56	79	44	0	3	3	0	
LOUISVILLE	57	39	69	26	48	2	.6	-5	.4	2.0	56	6.2	61	70	38	0	2	2	0	
LA ALEXANDRIA	69	51	77	40	60	0	1.2	.1	1.2	2.1	54	14.1	101	87	43	0	0	2	1	
BATON ROUGE	70	49	77	40	60	-2	1.7	.7	1.7	3.1	93	13.5	105	85	40	0	0	1	1	
LAKE CHARLES	71	51	76	45	61	-1	2.6	1.9	2.6	3.4	149	13.6	131	96	52	0	0	1	1	
NEW ORLEANS	69	52	73	42	60	-2	2.9	1.8	2.9	5.8	160	19.8	143	80	42	0	0	1	1	

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending March 23, 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	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
SHREVEPORT	67	46	75	37	57	-2	2.9	2.1	2.6	3.6	134	10.4	102	99	52	0	0	4	1	
ME CARIBOU	30	9	41	-4	20	-7	T	-1.5	T	1.4	78	5.1	81	72	39	0	7	2	0	
PORTLAND	45	21	58	14	33	-1	T	-0.9	T	3.0	100	5.5	53	67	23	0	7	1	0	
MD BALTIMORE	50	33	67	18	41	-3	1.0	.1	T	1.2	43	6.2	71	61	31	0	2	2	1	
SALISBURY	53	33	70	22	43	-3	.7	-2	.4	1.8	58	7.5	77	80	43	0	4	2	0	
MA BOSTON	47	27	60	18	37	-3	.2	.2	.2	2.0	66	4.9	45	72	35	0	5	1	0	
CHATHAM	42	29	47	25	36	-2	.4	-1.5	.3	4.1	134	7.7	67	---	---	0	6	2	0	
MI ALPENA	38	17	52	3	27	-1	T	-0.4	T	2.0	147	6.4	145	89	42	0	7	1	0	
DETROIT	44	25	57	18	35	-2	.5	-1.1	.5	1.6	89	8.1	153	86	43	0	6	1	1	
FLINT	46	24	57	14	35	1	.3	-2	.3	1.8	121	6.8	151	84	36	0	6	1	0	
GRAND RAPIDS	45	24	56	14	34	0	.3	-3	.3	2.2	128	7.4	145	86	36	0	6	1	0	
HOUGHTON LAKE	41	18	51	4	30	1	T	-0.4	T	1.4	105	5.1	124	84	34	0	7	1	0	
LANGING	44	23	58	14	33	-1	.2	-0.4	.2	1.5	94	6.5	133	89	41	0	6	1	0	
MARQUETTE	40	13	54	0	27	2	.1	-0.6	.1	2.3	116	8.1	137	90	44	0	7	1	0	
MUSKEGON	45	24	57	12	34	0	.4	-0.2	.4	3.0	171	8.3	143	75	34	0	6	1	0	
MN SAULT STE. MARIE	36	13	46	-4	24	-1	0	-0.5	0	2.0	137	7.2	133	83	43	0	7	0	0	
ALEXANDRIA	48	30	54	26	39	13	T	-0.3	T	1.9	243	2.9	126	90	51	0	6	1	0	
DULUTH	42	27	52	21	35	10	.1	-0.3	.1	1.4	110	2.4	71	77	48	0	6	2	0	
INT'L FALLS	43	23	50	12	33	11	T	-0.2	T	.6	70	1.7	71	82	46	0	6	1	0	
MINNEAPOLIS	51	31	57	25	41	10	.2	-0.2	.2	2.5	201	3.8	131	72	35	0	4	1	0	
ROCHESTER	51	30	57	28	41	11	.3	-0.1	.3	1.8	151	3.0	115	82	37	0	5	1	0	
MS GREENWOOD	63	45	72	33	54	-2	.5	-1.0	.5	.9	19	7.7	54	85	48	0	0	2	1	
JACKSON	67	42	74	32	55	-3	1.3	-1.1	.6	1.9	45	13.5	99	94	43	0	1	4	1	
MERIDIAN	70	43	75	33	56	-1	1.1	-0.5	.4	1.8	37	11.1	77	94	38	0	0	3	0	
MO CAPE GIRARDEAU	59	42	69	35	51	--	.6	-0.6	.4	2.0	54	8.1	84	87	51	0	0	4	0	
COLUMBIA	60	38	68	30	49	6	1	-0.7	.1	1.8	79	9.2	161	80	37	0	2	1	0	
KANSAS CITY	62	40	70	28	51	8	.1	-0.5	.1	1.5	89	5.2	130	85	36	0	1	3	0	
SAINT LOUIS	58	41	71	31	50	5	.2	-0.6	.1	2.2	91	6.5	105	79	36	0	2	2	0	
SPRINGFIELD	58	40	66	29	49	3	.4	-0.4	.2	2.2	91	8.1	131	79	47	0	1	3	0	
MT BILLINGS	55	32	61	29	43	9	.2	-0.1	.2	1.5	214	2.2	92	73	25	0	5	1	0	
GLASGOW	54	26	65	19	40	12	.1	0	.1	.2	67	.3	27	88	36	0	7	1	0	
GREAT FALLS	54	29	62	20	41	10	.1	-0.2	.1	.7	97	1.2	50	76	30	0	5	1	0	
HAYVE	52	26	65	20	39	10	T	-0.1	T	.1	18	.4	31	88	37	0	6	1	0	
HELENA	52	25	59	23	39	6	T	-0.1	T	.3	59	.9	56	78	27	0	6	1	0	
KALISPELL	44	21	50	13	32	0	.2	-1.1	.2	.4	58	1.8	55	78	46	0	7	2	0	
MILES CITY	60	31	64	27	45	13	T	-0.1	T	.5	133	.8	53	88	39	0	4	1	0	
MISSOULA	52	28	62	26	40	6	.1	-0.1	.1	.3	46	1.2	43	90	35	0	7	1	0	
NE GRAND ISLAND	63	32	75	28	47	10	.1	-0.2	.1	.8	77	1.3	54	77	29	0	5	2	0	
LINCOLN	64	28	75	23	46	9	.2	-0.3	.2	.6	43	1.4	47	90	31	0	6	2	0	
NORFOLK	61	29	75	24	45	10	.3	-0.1	.2	.9	81	1.3	54	88	30	0	6	2	0	
NORTH PLATTE	61	26	73	21	43	8	.2	-0.1	.2	.4	49	1.1	65	87	22	0	7	1	0	
OMAHA	63	36	74	29	49	13	.2	-0.3	.2	.8	58	1.9	61	77	35	0	1	2	0	
SCOTT'SBLUFF	61	25	69	20	43	7	T	-0.2	T	.4	57	1.2	80	62	18	0	7	0	0	
VALENTINE	61	27	68	16	44	12	.1	-0.1	.1	.3	57	.9	69	76	25	0	6	1	0	
NV ELY	52	23	59	14	38	4	.1	-0.1	.1	.6	85	1.5	71	90	36	0	7	2	0	
LAS VEGAS	72	44	78	39	58	2	T	-0.1	T	.1	15	.3	23	56	16	0	0	0	0	
RENO	59	29	65	21	44	3	.3	-0.1	.3	.6	110	1.6	57	81	24	0	6	1	0	
WINNEMUCCA	58	27	65	15	43	3	T	-0.1	T	.4	78	1.9	95	93	31	0	5	0	0	
NH CONCORD	48	19	59	7	34	0	T	-0.7	T	2.6	123	5.4	73	74	21	0	7	0	0	
NJ ATLANTIC CITY	51	30	71	17	41	-2	.2	-0.7	.2	1.9	63	5.6	57	75	34	0	4	2	0	
NM ALBUQUERQUE	59	33	63	25	46	-1	.1	-0.1	.1	.7	148	1.7	131	82	24	0	1	2	0	
CLOVIS	57	34	66	31	46	-2	2.3	2.1	1.3	2.3	502	3.8	253	79	37	0	2	2	2	
ROSWELL	65	36	73	31	50	-3	.6	.6	.3	.7	358	1.0	143	85	33	0	2	2	0	
NY ALBANY	47	21	58	10	34	-2	T	-0.7	T	2.9	130	4.9	71	76	25	0	7	0	0	
BINGHAMTON	42	19	52	10	31	-2	.1	-0.6	.1	2.6	122	5.2	74	83	31	0	6	2	0	
BUFFALO	43	22	56	10	32	-2	.1	-0.6	.1	2.1	98	9.7	128	74	35	0	6	2	0	
NEW YORK	49	31	61	23	40	-3	.5	-0.5	.4	1.7	56	4.3	47	73	36	0	4	2	0	
ROCHESTER	43	21	54	11	32	-3	.1	-0.5	.1	1.8	98	6.1	94	79	39	0	6	1	0	
SYRACUSE	44	21	53	14	33	-2	T	-0.7	T	1.6	69	5.6	74	76	33	0	7	1	0	
NC ASHEVILLE	54	30	67	21	42	-6	.6	-0.6	.4	.6	16	8.4	77	87	37	0	4	3	0	
CHARLOTTE	58	34	69	25	46	-6	.6	-0.6	.4	.6	15	9.8	87	77	34	0	3	2	0	
GREENSBORO	56	32	71	21	44	-5	.6	-0.3	.4	.6	20	8.7	89	70	31	0	3	2	0	
HATTERAS	57	44	63	35	50	-2	1.4	.5	.9	2.3	75	12.2	103	84	55	0	0	2	2	
NEW BERN	60	42	72	33	51	-3	2.3	1.5	1.6	2.7	96	10.2	94	71	42	0	0	3	2	
RALEIGH	57	34	71	21	46	-5	.6	-0.3	.4	.6	20	9.8	100	73	32	0	1	3	0	
WILMINGTON	63	43	71	30	53	-2	1.2	.3	.9	1.6	53	8.7	85	84	35	0	1	3	1	
ND BISMARCK	54	25	61	16	39	12	T	-0.2	T	.4	89	.7	50	92	37	0	6	0	0	
FARGO	50	31	56	23	41	15	.2	0	.2	1.0	192	1.4	93	83	51	0	4	1	0	
GRAND FORKS	51	33	59	25	42	18	-2	0	-1	.6	119	1.3	72	85	57	0	3	2	0	
WILLISTON	54	28	64	23	41	14	T	-0.1	T	.1	22	.5	36	82	35	0	6	1	0	
OH AKRON-CANTON	48	24	58	15	36	-2	.1	-0.7	0	1.5	62	4.7	65	79	40	0	6	4	0	
CINCINNATI	54	36	67	22	45	-2	.4	-0.6	.2	2.4	84	6.4	74	73	34	0	3	3	0	
CLEVELAND	46	25	59	20	36	-3	.3	-0.4	.2	1.8	83	6.0	88	76	43	0	6	3	0	
COLUMBUS	50	29	63	19	39	-2	.2	-0.6	.1	1.9	82	4.8	66	74	35	0	5	4	0	

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending March 23, 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 °F		PRECIPITATION		
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
DAYTON	49	31	65	19	40	-1	.2	-.5	.1	2.2	99	6.0	87	73	36	0	4	3	0	0
TOLEDO	45	25	62	17	35	-2	.2	-.4	.2	1.8	95	6.9	121	84	40	0	6	2	0	0
YOUNGSTOWN	44	22	54	9	33	-4	.1	-.6	.1	2.3	95	4.3	59	86	48	0	6	4	2	2
OK OKLAHOMA CITY	59	42	66	37	51	0	3.2	2.7	2.3	5.1	336	9.7	255	91	54	0	0	2	2	0
TULSA	62	44	70	38	53	2	1.0	.3	.9	2.9	133	9.9	187	85	44	0	0	2	1	2
OR ASTORIA	51	38	53	32	45	0	2.1	.4	1.0	3.5	62	8.2	33	83	58	0	1	5	2	0
BURNS	50	24	59	21	37	0	T	-.1	T	.7	231	1.3	108	95	42	0	7	3	0	0
MEDFORD	58	32	68	27	45	-1	.1	-.3	.1	.4	29	2.2	31	95	42	0	5	1	0	0
PENDLETON	58	37	64	33	47	3	.1	-.1	.1	.5	57	2.3	62	76	36	0	0	4	1	1
PORTLAND	54	40	57	36	47	1	1.4	.6	.7	1.8	64	3.6	28	90	57	0	3	4	1	1
SALEM	54	34	58	28	44	-1	1.9	1.0	.9	2.1	63	5.8	39	94	59	0	6	4	1	1
PA ALLENTOWN	49	26	63	15	38	-3	.2	-.7	.2	.9	32	4.0	43	66	26	0	6	2	0	0
ERIE	41	22	50	15	32	-3	.5	-.2	.4	3.0	143	8.3	124	91	50	0	6	4	1	1
HARRISBURG	47	28	62	20	38	-4	.7	-.2	.6	1.2	44	5.1	61	68	31	0	5	2	0	0
PHILADELPHIA	49	30	63	19	40	-4	.5	-.4	.5	1.3	44	5.3	60	70	29	0	5	4	1	0
PITTSBURGH	47	25	58	16	36	-4	.3	-.6	.1	1.7	65	4.6	58	87	41	0	5	4	0	0
SCRANTON	45	22	58	11	34	-4	.3	-.3	.3	1.3	70	3.5	56	73	29	0	6	1	0	0
RI PROVIDENCE	48	26	62	18	37	-2	T	-.9	T	2.8	89	5.7	52	73	32	0	7	1	1	1
SC CHARLESTON	64	44	71	33	54	-4	.9	-.1	.6	1.5	43	4.8	48	78	40	0	0	3	0	0
COLUMBIA	63	36	73	22	50	-6	.5	-.7	.5	.5	13	10.9	89	89	38	0	3	3	0	0
FLORENCE	61	38	71	30	50	-6	.6	-.4	.3	.6	20	7.6	75	89	35	0	2	3	0	0
GREENVILLE	58	36	68	25	47	-5	.8	-.5	.5	.9	19	10.1	78	73	36	0	2	2	1	1
SD ABERDEEN	57	32	66	26	45	15	.2	0	.2	1.7	265	2.0	111	94	45	0	4	1	0	0
HURON	58	33	66	28	46	15	.1	-.2	.1	3.8	454	4.3	215	86	40	0	4	1	0	0
RAPID CITY	60	31	66	23	46	12	T	-.2	T	1.2	179	1.7	100	71	21	0	4	1	0	0
ST LOUIS	59	31	65	26	45	13	.2	-.2	.2	1.9	176	2.4	96	90	37	0	5	2	0	1
SIoux FALLS	59	31	65	26	45	13	.2	-.2	.2	1.9	176	2.4	96	90	37	0	5	2	0	1
TN CHATTANOOGA	59	38	69	26	48	-3	1.4	-.1	.8	1.8	38	10.2	70	80	39	0	3	3	0	0
KNOXVILLE	58	33	68	19	45	-6	.7	-.6	.3	1.5	36	8.9	68	88	37	0	3	3	1	1
MEMPHIS	63	46	71	35	55	2	1.8	.5	1.7	2.5	63	10.2	79	80	47	0	0	3	1	1
NASHVILLE	61	40	70	28	50	0	1.1	-.2	.5	2.1	50	8.2	65	84	40	0	2	3	1	1
TX ABILENE	62	42	72	37	52	-5	1.1	.9	1.1	1.6	228	3.6	133	92	50	0	0	2	1	1
AMARILLO	61	36	70	31	49	1	1.4	1.2	1.0	1.5	227	3.2	188	88	42	0	2	2	1	1
AUSTIN	69	51	75	44	60	-2	.9	.6	.9	1.7	136	5.1	96	91	49	0	0	2	1	1
BEAUMONT	72	54	77	50	63	1	2.5	1.8	2.5	3.7	139	13.9	139	95	57	0	0	1	0	0
BROWNSVILLE	79	55	89	49	67	-2	T	-.1	T	.4	114	2.4	75	90	44	0	0	1	0	0
CORPUS CHRISTI	73	54	82	49	64	-3	.2	.1	.2	1.8	319	7.4	195	94	58	0	0	1	0	0
DEL RIO	71	49	78	45	60	-5	T	-.1	T	.1	28	1.8	100	82	35	0	0	1	0	0
EL PASO	66	41	70	36	54	-3	.1	.1	.1	.6	242	1.7	155	71	25	0	0	1	0	0
FORT WORTH	67	49	70	40	58	1	1.2	.6	1.0	2.5	149	6.0	113	91	48	0	0	2	1	1
GALVESTON	67	56	70	51	61	-1	2.4	1.9	2.4	9.0	581	17.3	254	89	59	0	0	2	1	1
HOUSTON	69	51	74	45	60	-2	2.3	1.8	2.2	4.2	221	11.7	139	89	49	0	0	2	1	1
LUBBOCK	61	35	70	30	48	-3	.7	.5	.7	.9	132	1.5	94	98	43	0	2	1	0	1
MIDLAND	64	38	74	34	51	-5	.5	.4	.5	.6	150	2.1	150	84	37	0	0	1	0	1
SAN ANGELO	65	41	76	36	53	-6	1.2	1.0	1.2	1.7	319	2.8	140	94	47	0	0	0	1	0
SAN ANTONIO	70	49	77	42	59	-3	.4	.2	.4	2.7	283	7.2	164	90	44	0	0	2	1	1
VICTORIA	71	54	77	48	62	-2	2.2	1.9	2.1	5.4	549	10.7	210	94	59	0	0	3	1	1
WACO	66	46	70	40	56	-3	.8	.4	.8	2.2	158	4.9	96	93	57	0	0	2	1	1
WICHITA FALLS	63	43	67	38	53	-1	2.0	1.5	1.0	3.3	259	7.0	219	92	52	0	0	3	2	1
UT BLANDING	54	28	61	20	41	2	.5	.4	.5	1.2	183	2.8	97	84	33	0	7	1	1	1
CEDAR CITY	57	29	62	20	43	3	1.4	1.1	.9	1.5	196	2.6	118	85	31	0	6	2	1	1
SALT LAKE CITY	40	16	52	7	28	-3	T	-.5	T	1.2	102	3.0	77	77	33	0	1	1	0	0
VT BURLINGTON	57	36	62	32	47	5	T	-.4	T	1.2	102	3.0	77	77	29	0	7	0	0	0
VA NORFOLK	40	16	52	7	28	-3	T	-.5	T	2.1	134	4.8	94	77	29	0	7	0	0	0
RICHMOND	55	39	72	31	47	-2	1.1	.2	.9	1.3	44	8.8	89	66	36	0	2	3	0	1
ROANOKE	54	33	74	19	44	-5	.5	-.3	.4	.7	27	7.6	84	69	35	0	3	3	0	0
WA COLVILLE	51	30	59	27	40	2	1.3	.5	1.2	1.6	57	7.7	88	67	33	0	5	3	0	0
QUILLAYUTE	55	33	73	26	44	-3	.4	.1	.2	.5	54	2.8	61	86	62	0	5	5	2	1
SEATTLE-TACOMA	50	36	50	33	42	0	2.9	.5	.9	4.9	56	12.8	36	97	67	0	0	3	1	1
SPOKANE	48	30	50	23	42	0	.9	.2	.6	1.6	59	5.9	45	93	60	0	0	0	0	0
YAKIMA	50	39	54	35	44	0	.9	.6	.5	1.0	100	2.4	47	90	56	0	5	3	1	0
WV BECKLEY	50	31	59	26	40	2	.9	0	.1	.3	63	1.1	41	83	30	0	6	4	0	1
CHARLESTON	60	31	65	29	45	3	.1	-.3	.3	1.4	47	5.8	60	86	47	0	5	4	0	0
HUNTINGTON	47	27	61	14	37	-5	.4	-.5	.3	3.0	102	8.4	88	74	30	0	3	4	1	1
PARKERSBURG	55	34	68	22	45	-2	.8	-.1	.7	2.3	75	8.3	91	86	43	0	3	4	0	0
WI GREEN BAY	54	35	68	22	44	-2	.6	-.4	.4	3.0	90	6.2	65	83	40	0	4	2	0	0
LA CROSSE	52	32	66	22	42	-2	.4	-.5	.4	2.7	90	6.2	65	83	40	0	4	2	0	0
MADISON	44	24	56	19	34	4	.2	-.3	.2	1.8	135	5.0	139	83	41	0	6	1	0	0
MILWAUKEE	53	27	62	22	40	8	.1	-.4	.1	1.1	85	3.3	103	84	28	0	6	1	0	0
WAUSAU	51	25	64	19	38	5	.4	-.1	.4	1.3	85	4.6	128	84	36	0	6	1	1	1
WY CASPER	44	27	60	20	36	2	.6	-.1	.6	2.4	139	6.7	143	80	44	0	6	1	0	0
CHEYENNE	47	25	58	18	36	7	T	-.4	T	2.0	150	3.2	100	84	32	0	6	7	0	0
LANDER	53	24	59	19	39	6	.2	-.1	.2	.5	78	1.9	112	85	23	0	7	0	0	0
SHERIDAN	52	27	61	22	39	7	T	-.2	T	.2	25	1.0	67	73	28	0	6	0	0	0
PR SAN JUAN	55	29	61	21	42	9	T	0	T	.5	60	1.1	58	57	22	0	6	7	0	0
	55	27	62	25	41	9	T	-.2	T	.3	36	1.4	64	79	20	0	6	1	0	0
	86	70	89	69	78	9	T	-.5	T	.8	46	6.0	90	83	51	0	0	2	0	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

National Agricultural Summary

March 18 to 24, 1985

HIGHLIGHTS: Warmer-than-normal temperature and moisture continued promoting growth of small grains and other crops over most of the Nation. Wetness prevented farmers from preparing land for spring planting in much of the Corn Belt and Plain States. About 4.5 days were available for fieldwork in the Southeast, but precipitation towards the end of the week curtailed field activities. Soil moisture was adequate in most areas, except the southeastern Atlantic Coast States where moisture was still short, despite additional precipitation.

Winter wheat was mostly good to fair. Wheat and other small grains continued responding to warm temperatures and moisture. Wheat development ranged from greening in Montana, jointing in the Central Plains, to heading in Louisiana, Mississippi, and Arizona. Corn planting progressed rapidly in the Southeast; ahead of normal in each State except Texas and Alabama. Planting ranged from just starting in Virginia to more than 50-percent completed in Georgia. Texas farmers planted 24 percent of their sorghum, 19 percentage points behind normal. Some Texas sorghum may not be planted if wetness continues. Rice planting got off to a slow start in Louisiana with 10-percent seeded, about 3 percentage points behind normal. Planting had not begun in Texas. Cotton planting advanced slowly in Texas, progressed rapidly in Arizona, began in California. Tobacco beds were prepared in Kentucky. Transplanting continued in Georgia and Florida. Peach trees continued blooming in the southeast from Texas to Virginia. Most of the peaches in Virginia are expected to be lost to the extremely cold winter. Livestock were mostly good. Hay became short in some areas as a result of earlier heavy supplemental feeding.

SMALL GRAINS: Winter wheat was mostly good to fair. Plentiful moisture and warmth advanced growth and development, which ranged from greening in Montana, jointing in the Central Plains and Corn Belt, to heading in Louisiana, Mississippi, and Arizona.

Texas wheat was mostly good to excellent. Although rust caused light to moderate problems across the State, Texas wheat improved with additional moisture. Producers applied disease and weed controls as weather permitted. Wheat approached late boot stage in the Blacklands.

Kansas wheat continued good to excellent growth across the State. Spring-like temperatures and adequate moisture helped wheat begin tillering. The effect of disease began showing in some stands, but overall damage is light. Oat and barley seeding reached 65 and 60 percent completion, respectively. Wet soil hampered seeding in the southeast and central areas.

Montana's winter wheat, which began greening, was fair to good. Wind damage was light to moderate. Nebraska's wheat was mostly good. Oklahoma's wheat was fair to good but growth was uneven--sunshine is needed for maximum crop development. About 25 percent of the wheat in Oklahoma jointed, in line with normal progress. Wheat, barley, and oats grew rapidly in California and Arizona. Arizona's crops reached 85-percent jointed, and 10-percent headed.

OTHER CROPS: Corn was planted northward into Virginia, with a few fields planted in Arkansas. Planting was ahead of normal progress in most Southeastern States, but continued to lag behind normal in Texas. Over half of Georgia's corn was planted, 47 percent in Louisiana, 26 percent in Mississippi. Texas producers seeded 33 percent of their corn, 3 percentage points behind normal. Wetness continued delaying planting in most areas.

Sorghum planting in Texas was considerably behind normal the 43-percent normal progress, with only 24-percent seeded. If wetness continues, some sorghum may not be planted in Texas.

Rice seeding was confined to Louisiana where planting reached 10-percent completion, of which about one-third emerged. Texas growers have not yet planted rice. Normally 14 percent is seeded.

Cotton planting progressed ahead of normal in Arizona, but lagged behind in Texas. Texas growers in the Rio Grande Valley made good progress, but most areas were too wet to plant. Planting in Central Texas will begin when soils dry. Cotton seeding was just beginning in California.

Tobacco transplanting continued in Georgia and Florida; seedbeds were prepared in Kentucky. Peanuts were seeded in Mississippi.

FRUIT AND NUTS: Peach trees bloomed as far north as Virginia. In Georgia, about 75 percent have bloomed. Frost nipped trees, but damage has yet to be determined. Most of the peaches in Virginia are probably lost to the extremely cold winter. Florida citrus groves are virtually fully bloomed. Some freeze-damaged trees had no blooms but had new growth. Early-mid orange harvest was completed. Picking of freeze-damage Valencias continued. Rain finally alleviated drought.

California growers applied fungicides to orchards and vineyards. Cherries and prunes were in full production, apples and pears started blooming, and the citrus harvest actively continued. Valencia harvest increased in Arizona. Grapefruit, lemons, and tangerines were packed as market conditions allowed.

Texas peaches continued blooming in most areas. Growers sprayed to control disease in the Blacklands and eastern Texas areas. Pecan trees were showing buds as far north as the Low Plains. Most trees were in good condition from earlier moisture. Texas citrus began showing signs of resurgence from the 1983 freeze. New citrus trees made good growth and older trees continued blooming.

VEGETABLES: Rain throughout most of Florida's vegetable area helped alleviate dryness. Light frost damaged tender vegetables in the West Central and North Central areas, but most plants should survive frost burns; some replanting will be necessary. Vegetable shipments gained 3 percent from last week. Snap beans, cauliflowers, cucumbers, eggplants, okra, peppers, and squash registered significant gains. Cabbage, Chinese cabbage, escarole, lettuce, and tomatoes movement declined from last week.

Moisture hampered harvesting in Texas but aided growth and development. Light supplies of carrots, cabbage, and broccoli were available from the Rio Grande Valley. Onion harvest began, but was slowed by wetness. Land was prepared and spring vegetables were planted in most areas as weather permitted. Potato and onion planting continued in the High Plains.

Cool weather held back the California asparagus harvest in the Delta. Asparagus harvest in the desert decreased. Broccoli supplies were fairly light from the Central Coast, and harvest from the San Joaquin Valley and the south coast should increase in the coming weeks. Planting of cantaloups and melons was completed in the desert, but active in the San Joaquin Valley. Strawberry harvest increased.

Heavy volumes of carrots and green onions moved from Arizona's Central Valley. Romaine, Leaf, and Boston lettuce was cut in Yuma County. Cantaloup and watermelon planting was nearly completed.

(continued to back cover)

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 0.43 to 2.95 in. Temperatures averaged near to slightly below normal.

Fieldwork: 4.8 days. Soil moisture adequate. Plowing 53% complete. Activities: Care of livestock and poultry; pruning and spraying fruit trees; planting of corn and vegetables; soil testing, applying nitrogen to wheat. Stored feed short. Pasture feed mostly short to adequate. Fieldwork on schedule. Corn planted 28%, 39% 1984. Conditions: Pastures fair, livestock mostly fair to good, wheat fair to good.

ARIZONA: Cold storm system moved across State 18th, 19th. Precipitation chiefly confined to Central Basins northward. Moisture amounts mostly 0.10 to 0.50 in. Snow level reached down to 5,000 ft. with 1 to 3 in. new snow. Remainder of State received very little or no moisture. Mostly sunny skies, warmer temperatures prevailed last half of week. Average temperatures varied from 1° below seasonal normal to 3° above.

Wheat, barley made good progress; 85% jointing, 10% headed. Cotton seedbeds prepared on 80% of acreage, seeding 10% complete. Preplant irrigation active, some herbicide applications on prepared beds. First cutting of alfalfa will be light some fields as a result of weevil infestations. Some growers sprayed; many hoping the first cutting will take care of weevil problems. Harvest activity light. Most sheep moved off alfalfa. Lettuce harvest active, heavy volumes moved. Cutting peak volumes Parker area. Shipments in central district expected to increase as growers begin spring crop. Mixed vegetable harvest active. Heavy volumes of carrots, green onions in Central Valley. Romaine, Leaf, Boston lettuce cut in Yuma. Potato planting complete. Peaches in full bloom. Cantaloup, watermelon planting nearly finished. Valencia orange harvest active. Grapefruit, lemons, tangerines packed as market conditions allowed.

ARKANSAS: Near normal temperatures. All areas received rainfall; some heavy amounts in central section, across south. Temperatures ranged 3° below normal to 3° above normal. Lowest 27°; highest 79°. Precipitation from 0.66 in. to 3.87 in.

Soil moisture range from adequate to excessive. Land preparation active. Some corn planted in southwest. Wheat making good progress with growth of several inches some booting. Pasture, cattle condition good.

CALIFORNIA: Weather during period typical early spring variety. Temperatures near seasonal normals throughout State with only a few locations registering departures from normal greater than 3°. Precipitation amounts light, scattered throughout State with central coast, San Joaquin stations receiving greater amounts of rainfall.

Wheat, barley, oats favorable growing conditions. Green chopping continued. Preparing fields for spring planting. Some cotton and corn fields planted. Cultivating of sugarbeet, tomato fields. Burning rice stubble. Generally favorable weather aided crop growth, development. Some precipitation; growers treated orchards, vineyards with

fungicides. Cherries, prunes in full production; apples, pears starting to bloom. San Joaquin Valley vineyards showed substantial leaf development in many varieties. Weed control measures performed, brush cleanup. Citrus harvest continued active pace. Good demand, fruit quality. Olive pruning continued. Walnut pruning nearing completion. Artichokes fairly heavy supply. Asparagus held back by cool weather Delta; harvest decreasing desert. Broccoli fairly light supply central coast; light harvest San Joaquin Valley, south coast. Planting cantaloup, mixed melons complete desert; active San Joaquin Valley. Carrot harvest active desert. Cauliflower fairly light supply. Lettuce harvest active Palo Verde Valley. Strawberry harvest increasing. Opening hot caps early market tomato fields San Joaquin Valley. Planting processing tomatoes Sacramento, northern San Joaquin Valley. Ranges, pastures benefited from recent rains however, conditions some areas rated poor. Calving continued full swing northern districts. Movement bee colonies from almond orchards continued.

COLORADO: Few snow showers at higher elevations early week with other locations reporting little or no precipitation. Temperatures above normal.

Winter wheat in good condition with about 12% being pastured. Seeding of small grains gaining momentum with 5.0 days suitable for fieldwork. Livestock, ranges in good condition. Calving 41% completed, about a third new lambs born.

FLORIDA: Few light showers on east coast on 18th. Widespread rain, thunderstorms, 21st, 22nd with rainfall of 1.00 to 2.00 in.; few amounts of 2.00 to 3.00 in. central areas, along lower east coast. Tornado devastated sections of Venice. Frost north, scattered frost central morning of 19th; patchy frost morning of 20th, north.

Soil moisture improved with recent rainfall. More rain needed for adequate soil moisture. Corn planting continued, early plantings up to good stands. Tobacco transplanting active, some replanting necessary due to frost. Land preparation continued for soybeans, sorghum. Sugarcane harvest winding down with most mills closed. Small grain responding to rainfall. Early week frost browned new growth on pastures through south central areas. Rain late week beneficial. Pastures mostly poor to fair. Cattle mostly fair. Rains on 21st all areas of citrus belt. Irrigation discontinued. Full bloom over; some freeze-damaged trees had no bloom, only new growth. Early mid harvest complete. Picking of freeze damaged Valencias continued. Much needed rain fell most vegetable areas during week. Light frost early week, some damage to tender crops west central, north central areas. Some replanting will be necessary, but most plants should survive frost burn. Over-all shipments gained 3% from previous week. Crops registering significant gains: Snap beans, cauliflower, cucumbers, eggplant, okra, peppers, squash. Crops remaining steady: Carrots, celery, lettuce, radishes, potatoes, strawberries. Declining in movement cabbage, Chinese cabbage, escarole, lettuce, tomatoes. Increasing supplies sweet corn expected next several weeks. Early cutting watermelons expected April 10th. Good volume expected most crops during April.

GEORGIA: Temperatures averaged 5° below normal. Extremes: 16° at Blairsville; 77° at several stations. Freezing temperatures nearly statewide on 19th. Rainfall totaled 1.00 to 1.50 in. north, west central; 0.50 in. or less elsewhere.

Soil moisture 3% surplus, 50% adequate, 44% short, 3% very short. Days suitable for fieldwork: 4.7. Main activities; Land preparation, planting corn and watermelons, setting tobacco, orchard spraying. Corn 52% planted, 33% last year, 38% average; condition 10% excellent, 65% good, 21% fair, 4% poor. Tobacco transplanted 18%, 8% last year, 21% average; condition 8% excellent, 69% good, 23% fair. Watermelons 71% planted, 34% last year, 36% average; condition 81% good, 14% fair, 5% poor. Wheat 72% jointing, 54% last year; 17% reached boot, 12% last year; condition 7% excellent, 62% good, 28% fair. Rye condition 4% excellent, 67% good, 27% fair. Other small grains 5% excellent, 53% good, 30% fair, 11% poor. Peaches 73% bloomed, 95% last year; condition 30% good, 38% fair, 19% poor, 13% very poor; additional frost damage occurred. Apples 2% bloomed; condition 8% excellent, 60% good, 24% fair, 8% poor. Pasture condition 3% excellent, 56% good, 38% fair, 3% poor. Cattle 4% excellent, 62% good, 33% fair. Hogs 6% excellent, 75% good, 19% fair.

HAWAII: Variable cloudiness, light to moderate showers, strong gusty winds allowed crops to make only fair progress during week. High pressure area north of islands continued to generate strong gusty trades which bruised crops in exposed areas, blew showers onshore. Showers for most part of lesser intensity than previous week and did not slow farm activity. Daytime temperatures hovered near normal during the week while evening temperatures generally above normal. Spraying heavy on many crops to prevent and combat disease and insect outbreaks. Chinese cabbage production will continue heavy with some of crop destined for Mainland. Head cabbage output will also be heavy and steady. Head lettuce supplies projected to increase slightly next week. Banana production will continue light with recent weather conditions being generally unfavorable towards fruit development. Papaya production will remain below level of a year ago.

IDAHO: Warming trend reversed late in week. Pacific storm systems moved into State. Fair skies and dry weather gave way to cloudiness, precipitation, and gusty winds. Early week temperatures near to slightly above normal; dropped below normal end of week. Northern precipitation of 0.25 to 0.50 in. Light precipitation elsewhere.

Snow melt, warmer weather allowed limited cultivation and seeding in northern, southwestern counties. Deep snow on some fields; wet, sloppy conditions beneath. Northern winter wheat good. Sugarbeet and grain seedings, fruit spraying in one southwestern county. Short hay supply in north; adequate elsewhere. Calving good; nearly complete in some areas.

ILLINOIS: Mean temperature normal to 3° above normal. Precipitation 0.30 to 0.55 in. north, 0.11 in. central, 0.30 to 0.60 in. south.

INDIANA: Temperatures averaged above normal. Average highs upper 40's north to mid and upper 50's south. Lows averaged low 30's north to mid 40's south. Lowest temperatures in 20's central, north; 30's south. Precipitation

light. Totals from 0.10 in. northeast to 1.00 in. southeast.

Some drying of soils brought on a flurry of outside activities including finishing harvest on remaining fields of corn and soybeans, spreading lime, fertilizer and manure, limited tilling, sowing oats and pasture, hauling grain, finishing pruning operations, caring for livestock and usual chores.

IOWA: Mild, dry week followed by light rain, snow; cooler temperatures at week's end. Temperatures averaged 7 to 10° above normal. Precipitation below normal statewide.

Farmers have begun spring planting soil preparation in southern most part of State. Small amounts of oats being sown. Livestock trading slow last week. Demand moderate towards end of week. Seller resistance stiffened forcing some packers to curtail livestock slaughter.

KANSAS: Precipitation averaged less than 0.10 in. north, west central; 0.25 to 0.50 in. southeast half. Temperatures averaged 38° northwest, 43 to 46° east and south, 4° above normal south central to 9° above normal northeast.

Wheat continued good to excellent growth across State. Spring temperatures, adequate moisture helped wheat stands start tillering, begin upright growth. Grazing rapid improvement, increasing number livestock moved to wheat pasture. Disease-affected stands apparent, but over-all effect light. Fighting weeds, applying fertilizer major field activities. Oat, barley seeding progress reached 65 and 60% completion, respectively. Wet fields hamper seeding operations southeast, east central areas. Average 4.5 days suitable for fieldwork. Calving excellent progress as milder, drier weather eased problems associated with muddy pastures and calving lots. Range, pasture condition good to excellent; rapid growth provide better than average grazing.

KENTUCKY: Temperatures varied, coolest morning readings in teens, 20's. Rapid warming brought warmest day midweek with readings near 70°. Cooler second half resulted in near or slightly below normal temperatures. Temperatures averaged near normal with highs in 50's and lows in 30's. Precipitation varied with a showery weather pattern. Amounts ranged from 0.50 in. to 1.50 in. statewide. Rainfall averaged 0.25 in. below normal.

Field activity increasing as soils dry enough to support machinery. Tobacco beds being prepared, seeded. Some corn ground being prepared. Pasture grasses, fall seeded grains beginning to make spring growth. Livestock in generally satisfactory condition, some respiratory problems.

LOUISIANA: Rainfall amounts ranged from 0.45 to 4.89 in. Average temperatures ranged from normal to 3° below normal. Low 35°; high 80°.

Soil moisture adequate to surplus; except west-central, southwest; surplus southeast. Days suitable for fieldwork: 3.2. Activities included spring plowing, fertilizing wheat and pastures, planting corn and rice, completing sugarcane off-barring and shaving. Spring plowing 42% 1985, 28% 1984, 40% average. Corn planted 47% 1985, 31% 1984, 32% average. Corn emerged 13% 1985, 13% 1984, 10% average; fair to good condition. Rice planted 10% 1985, 10% 1984, 13% average. Rice emerged 3% 1985, 5% 1984 and average. Winter wheat headed 6% 1985, 12% 1984, 5% average; rated fair to good.

Pastures, livestock, vegetables rated fair to good. Sugarcane rated fair.

MARYLAND AND DELAWARE: Maryland: Weather for week cool dry. Temperatures averaged 1 to 9° below normal. Highs varied from low 40's to low 70's. Minimum temperatures ranged from mid-teens to low 30's. Precipitation mostly below normal, ranging from 0 to 0.53 in. with most rain in south.

Farmers topdressing winter grains, pastures; plowing; trimming fruit trees; planting field peas, tobacco.

Delaware: Weather for week cool, dry. Temperatures averaged 1 to 3° below normal. High varied from low to high 60's. Minimum temperatures ranged from high teens to low 20's. Precipitation below normal, ranging from 0.03 to 0.70 in.

Farmers top-dressing winter grains, pastures; plowing; trimming fruit trees; planting field peas, tobacco.

MICHIGAN: Temperatures average 1° above normal. Precipitation light across State.

Excellent maple syrup quality resulting from cold nights, warm days. Fruit buds in good condition. Pruning, burning brush, grape vine tying underway. Bright sunshine, wind helped dry fields. Heavy frost kept ground firm enough to spread fertilizer, sow grass seed. Sugarbeet growers contracting for 85 crop dry weather improved conditions for calving, lambing. Cattle out in dry lots; looking good. Feed supplies adequate.

MINNESOTA: Sunny warm ended with a cool, wet weekend. Temperatures averaged 9 to 17° above normal. Low 12°; high 62°. Precipitation averaged near normal northwest, 0.09 to 0.35 in. below normal elsewhere. Snow depth at weeks end averaged 6 in. north central, 3 in northeast, none elsewhere.

MISSISSIPPI: Average temperatures 2° below normal. Extremes: 25°; 80°. Greatest 24-hour rainfall 3.46 in.

Soil moisture adequate. Fieldwork: 3.9 days suitable, 2.7 1984, 2.5 average. Main activities: Land preparation, fertilizing. Wheat condition fair to good; 68% jointing, 27% 1984, 31% average; 1% heading, none 1984. Corn 26% planted, 13% 1984, 15% average; 6% emerged. Watermelons 13% planted, 8% 1984, 16% average. Peanut, sweet potato planting just starting, both less than 1%. Hay supplies adequate to short. Feed grain supplies adequate. Pasture fair. Livestock fair to good.

MISSOURI: Temperatures averaged 5° above normal. Precipitation generally less than 0.25 in. over northern third, less than 0.50 in. over central third, just over 0.50 in. over southern third.

Farm activities include fertilizing wheat, some early tillage. Wet ground still hindering general progress.

MONTANA: Temperatures continued very mild; ranged from around 5° above normal in west, southwest to more than 10° above normal in east. Nearly all areas received some precipitation; heaviest falling in parched north central area. Some of north central received 0.50 in. or so while rest of State received from less than 0.10 in. to 0.25 in.

Winter wheat fair to good condition. Wind damage light to moderate. Crop starting to green. Hay, roughage feed supplies mostly short to adequate. Calving, lambing progressing normally. Death losses mostly less than normal.

NEBRASKA: Temperatures averaged 10° above normal except for 6° above normal over Panhandle. Precipitation averaged less than 0.10 in. over Panhandle, 0.20 in. remainder of State.

Winter wheat in mostly good condition. Mild winter favorable for livestock. Calving season well underway.

NEVADA: Widespread precipitation all areas early in period. Cold front midweek northeast brought some spotty rain, snow. Rest of week mostly dry under influence of high pressure system. Western areas received greatest amounts precipitation while extreme south least. Temperatures averaged 2 to 3° above normal all areas. Extremes: 4°, 82°.

Dry weather aided seedbed preparation south, delayed by inclement weather elsewhere. Cattle mostly good condition.

NEW ENGLAND: Average precipitation ranged from a trace to 0.25 in. across entire region. Average temperatures ranged from 20° near Canadian border to upper 30's along south coast. Temperatures slightly below normal for this time of year.

Maple producers collecting sap and boiling it into maple syrup in sugarhouses throughout region.

NEW JERSEY: Temperatures much below normal, averaging 35° north, 39° south, 41° coastal. Extremes: 10°; 71°. Precipitation below normal north, south; near normal coastal; averaging 0.28 in. north, 0.55 in. south, 0.74 in. coastal. Heaviest 24-hour total 0.64 in on 22nd to 23rd.

Fieldwork: Cool temperatures prevented much new growth on winter wheat. Dry weather allowed fieldwork to progress normally in contrast to wet springs experienced last year, year before.

NEW MEXICO: Average temperatures near or slightly above normal. Minimum temperature: 9° northern mountains. Maximum temperature: 82° southeastern Plains. Pacific storm crossed State early week causing some heavy showers. Precipitation ranged from 0.00 to 3.13 in.; heaviest precipitation in eastern central Plains.

Soil moisture short to surplus, generally adequate. Alfalfa hay fair to good. Barley good to excellent-grazing decreased to 30%. Irrigated wheat good to excellent. Dryland wheat generally good-grazing decreased to 40%. Chile good-planting continued. Onions, lettuce good-weeding and thinning throughout week. Cattle, sheep fair to good. Range fair to good, mostly fair.

NEW YORK: Weather for week very cool, dry. Temperatures averaged 5 to 10° below normal. Very cool on several nights. Readings well below zero in Adirondacks on 19th, zero or a little lower again on 22nd. High temperatures reached low 60's in parts of Hudson Valley, Long Island on 20th. Precipitation averaged 0.30 to 0.40 in. parts of southern tier, southeast on 23rd. Outside of that, precipitation limited to scattered light rain or snow early week with amounts generally 0.10 or less.

Farming activities for week included tending livestock, preparing tax records, planning for spring plantings, routine farm chores. Orchard growers continued pruning trees, fertilizing.

NORTH CAROLINA: Temperatures averaged 3 to 4° below normal across State. Precipitation ranged from 0.38 in. to 2.58 in., heaviest in east.

Soil moisture: 8% very short, 48% short, 42% adequate, 2% surplus. Days suitable for fieldwork: 5.5. Condition: Pasture 14% poor, 42% fair, 42% good, 2% excellent. Wheat 23% fair, 72% good, 5% excellent. Oats 6% poor, 31% fair, 61% good, 2% excellent. Barley 6% poor, 27% fair, 65% good, 2% excellent. Rye 33% fair, 65% good, 2% excellent. Tobacco beds 2% poor, 39% fair, 55% good, 4% excellent. Farm feed supplies: Hay, roughage 97% adequate, 3% surplus. Feed grains 97% adequate, 3% surplus. Major farm activities: Plowing, disking, liming, fertilizing, tobacco plant bed maintenance, tending livestock, planting potatoes and gardens; some corn planted.

NORTH DAKOTA: Week started warm, dry; ended with light rain, snow and cooler temperatures across State. Average temperatures continued above normal. Northwest district had greatest departure from normal, 16° above normal, while southwest and south central districts lowest at 12° above normal. Low 12°, high 67°. Precipitation below normal ranging from zero in south central division to 0.06 in. in northwest, north central districts. Bottineau received 0.18 in. one of four stations reporting more than 0.10 in.

Warmer weather a pleasant surprise as livestock producers continued to work through calving, lambing season. Soil moisture, temperatures being watched in anticipation of planting season.

OHIO: Temperatures averaged above normal. Temperature extremes wide, with lows into teens, highs in sixties. Precipitation widespread, averaged 0.25 to 0.33 in.

Agricultural activities include: Spring plowing, topdressing wheat and pastures, oat planting, pruning and spraying fruit trees, setting cabbage plants in southeast.

OKLAHOMA: Temperatures averaged 4° above normal Panhandle to normal west central, central, southwest, south central. Precipitation averaged 0.91 in. northeast to 2.26 in. southeast.

Intermittent showers stopped wheat topdressing, row crop planting. Sunshine needed for maximum crop development. Many wheat fields making uneven growth. Heavy rains severely eroded some south central row crop fields. Livestock marketings increased despite lower prices. Wheat, good; pasture fair; livestock good to fair condition. Wheat jointing: 25%; 15% 1984; 25% average.

OREGON: Near normal temperatures. Precipitation along coast and Willamette Valley ranged from 0.30 in. to 1.00 in. Up to 0.10 in. of precipitation fell in northcentral and northeastern areas, southern portions of State reported traces of precipitation.

Soil moisture supplies adequate in west; short to adequate in east. Winter wheat in good condition; growth smaller than normal due to dry weather but plants healthy with no weed or disease problems. Some dormant sprays being applied to fruit trees. Blossom sprays going on peaches. Still some pruning fertilizer being applied. Past week's rains were needed. Potato seeding continued in Hermiston-Boardman area. Livestock in mostly good condition. Calving about done. Hay feeding continued at high elevations in east; other areas pasture growth very slow with continued cold.

PENNSYLVANIA: Week began on a cool note; warmed up during middle of week. Precipitation

light, only a trace of snow at beginning of week, significant precipitation at end of week. Average temperature 35°, 5° below normal of 40°. Average precipitation 0.65 in., 0.16 in. below normal of 0.81 in. Warmest temperature 65° at Selinsgrove on 21st. Coldest 7° at Montrose on 17th.

Farming activities: Boiling maple sap, caring for livestock, routine winter chores. Few operators started plowing in central, southern portions of State.

PUERTO RICO: Island average rainfall 0.99 in., 0.39 in. above normal. Highest weekly total 5.11 in.

Highest 24-hour total 4.38 in. Temperature averaged about 76° on coasts, 72 to 69° interior divisions. Mean station temperature range from 78° to 63°. Extremes 53° and 91°. Total rainfall 0.10 in. minus 0.42 in.

SOUTH CAROLINA: Cold air over State early week, frost and freezing temperatures reported. Weather warmed considerably late week. Rain late week, ranging from 0.50 to 0.75 in.

Farmers continued preparation for spring planting.

SOUTH DAKOTA: Average temperatures ranged from 10° to 15° above normal. Extremes: 110; 77°. Light rain, sometimes mixed with snow, end of week across State with less than 0.10 in. in central and west, 0.10 to 0.50 in. east.

Livestock good condition. Lambing, calving continued. Few reports of early planting received. Major agricultural activities include planning, preparing for spring planting; caring for livestock; attending farm meeting.

TENNESSEE: High pressure system dominated weather early in week. Low pressure system moved into State midweek spreading rain into west, middle sections on 20th; statewide on 21th. Temperatures averaged slightly above normal in west, middle; below normal readings in east. Most of precipitation in latter half of week with totals averaging above normal for west, middle, southeast. Most of Cumberland Plateau and upper east valley remained drier than normal.

TEXAS: Crops: Small grains continued showing improvement with additional moisture. Some light to moderate rust problems across State. Grazing light many areas excessive wetness. Oats good recovery from cold winter. Wheat approaching late boot stage Blacklands. Some lodging because of winds, rain. Producers trying to treat rust, weeds as weather permits. Statewide wheat conditions 89% of normal compared with 67% last year. Current condition 21% excellent, 62% good, 16% fair, 1% poor. Planting corn, grain sorghum behind schedule. Planting began early week Blacklands, halted midweek by more rain. Surplus moisture may create more planting delays. Some grain sorghum acreage may not get planted. Some early fields Blackland good stands. Planting continued as soil conditions permit Central, Southern areas. Coastal Bend, Rio Grande Valley, most fields up to good stands, showing good growth. High Plains corn planting begin as soil dries. Cotton producers Rio Grande Valley good progress planting; some area too wet. Cotton herbicides applied Plains, Cross Timbers. Planting Central area begin if soil conditions permit. Cotton planted 3% 1985, 4% 1984, 6% average. Rice planted none 1985, 10% 1984, 14% average. Sorghum planted all purpose 24% 1985, 38% 1984, 43% average. Wheat headed 1% 1985, none 1984,

none average. Corn planted for grain 33% 1985, 45% 1984, 36% average.

Commercial Vegetables: Rio Grande Valley, light supplies carrots, cabbage, broccoli available, wet conditions some areas. Good progress watermelons, cantaloups, bell peppers. Planting spring vegetables continued. Harvest onions began, halted by wet ground. Good growth new citrus trees. Older trees continued bloom. Weeds problem some groves. San Antonio - Winter Garden warmer weather helped vegetables progress. Supplies short because wet grounds. Land preparation, planting summer vegetables continued as conditions permit. Watermelons making good progress. Eastern areas some land preparation; planting completed between showers. Some bedding sweet potatoes. High Plains potato, onion planting continued weather permitted. Land preparation other summer vegetables in progress. Trans-Pecos land preparation, chili planting occurred. Onions making good progress. Peach trees continued blooming most areas. Some spraying Blacklands, east. Trees should be in good condition this year, barring late freeze. Pecan trees showing some bud break as far north as Low Plains. Trees seem in good condition from rain during winter, spring.

Range and Livestock: Native ranges, improved pastures, small grain pastures showing improvement with additional moisture. Many small grain pastures excessively wet, not providing much grazing. Growth, greening native grasses good. Some sprigging coastal occurred as soil conditions permit. Many producers moving cattle off small grain pastures and selling them. Supplemental feeding stopped many areas. Most livestock good condition.

UTAH: Precipitation mostly zero to light, except extreme south moderate to heavy. Temperatures averaged, 3° above normal.

Calving, lambing progressing. Fruit tree pruning continued.

VIRGINIA: Cool, dry weather until 22nd. Cold, rainy from 22nd to 24th. Temperatures averaged 6 to 8° below normal. Precipitation averaged 0.50 to 0.75 in. Rain late in period should relieve dry conditions.

Topsoil moisture ratings prior to rain 82% short, 16% adequate, 2% surplus. Days suitable for fieldwork averaged 5.3. Most of State's peach crop destroyed by extreme cold winter. Apple crop appears normal with little freeze damage. Pastures, hay, small grains remained in good to excellent condition. Small grain topdressing winding down. Small grain, pasture growth slowed in some areas by dry conditions. Spring land preparation, fertilizing, liming continued mostly on schedule. Corn planting slowly starting, 1% planted, 4% last year, 6%

average. Tobacco plantbeds 95% seeded; condition good to excellent. Some irrigation of plantbeds. Livestock in good to excellent condition. Feeder calf sales reported.

WASHINGTON: Unusual winter dry spell came to an end about midweek after more than two weeks without any precipitation. Weather pattern changed abruptly on 20th as protective high pressure system collapsed. Rain accompanied front into western areas on 20th was followed by cold, moist and unstable air during remainder of week.

Field activities limited during week due to rainfall. Seeding of spring wheat, early red and norgold potatoes underway. Winter wheat progressing about two weeks behind normal. Final caning, tying, and topping being done in raspberries. Daffodil harvest underway; tulip harvest expected to begin in another week.

WEST VIRGINIA: Temperatures averaged 2° below normal, except northeast; central areas averaged 4° below normal. High of 68° in many areas of State. Low of 6° in Green Bank. Precipitation near normal, except for northwest division which averaged well below normal.

Soil moisture adequate to short. Days suitable for fieldwork averaged 3.4. Feed supplies adequate.

WISCONSIN: Week began with clear, dry weather with temperatures averaging 15 to 20° above seasonal normal until a cold front moved through State late on 19th bringing a return to seasonably cooler temperatures. Cool, dry weather pattern held through the rest of week until low pressure system moved through region on 23rd producing 1 to 3 in. of wet snow across central State; mixture of rain, snow across southern areas. Warmest temperature for week 64° at Madison on 19th; coldest 14° at Lake Thompson 20th. Warm temperatures continued to melt snow across State. Only northern most 25% of State reported snow cover as of 24th.

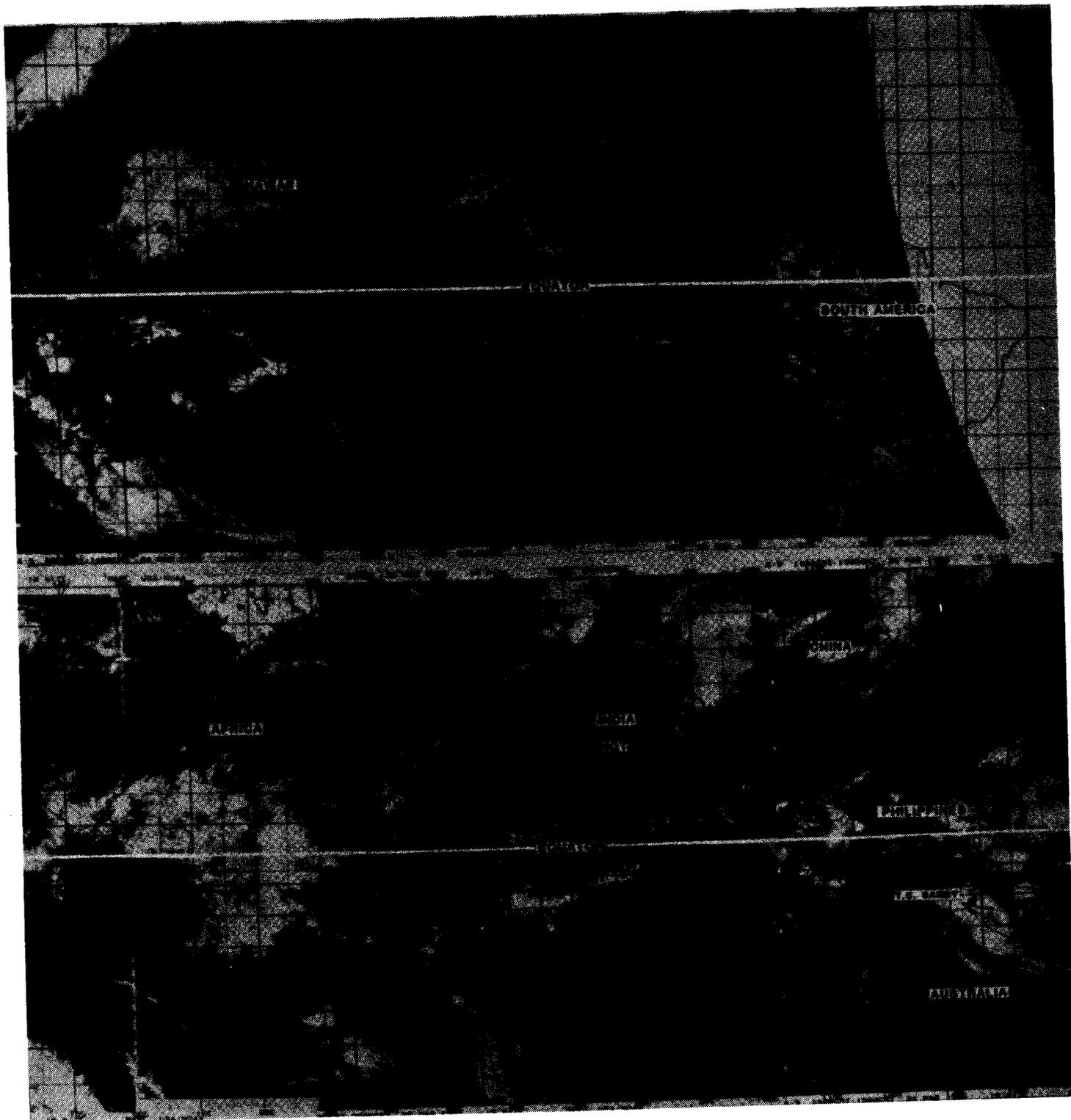
Maple syrup continued to flow in most areas.

WYOMING: Temperatures 5 to 9° above normal, except extreme northwest corner. Precipitation below normal statewide.

Winter wheat good condition statewide. Barley planting underway in Big Horn, Washakie Counties. General fieldwork continuing in most areas, including seedbed preparation, spreading manure. Livestock mostly good to excellent condition. Ranchers benefited from mild weather during calving, lambing season. None to very light death losses. Sheep shearing continued.

GLOBAL WEATHER SATELLITE PHOTO

March 24 - 25

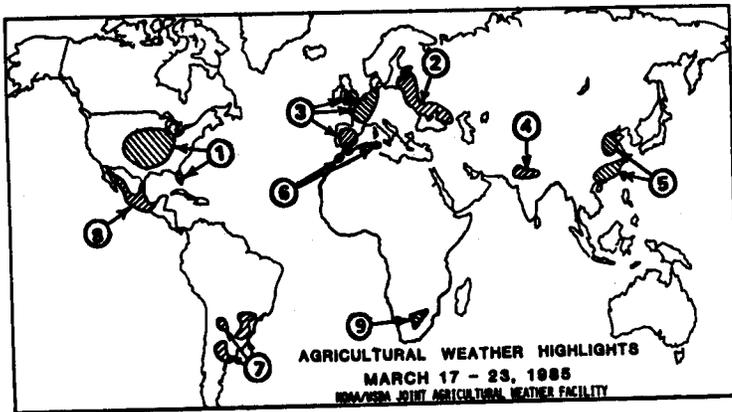


International Weather and Crop Summary

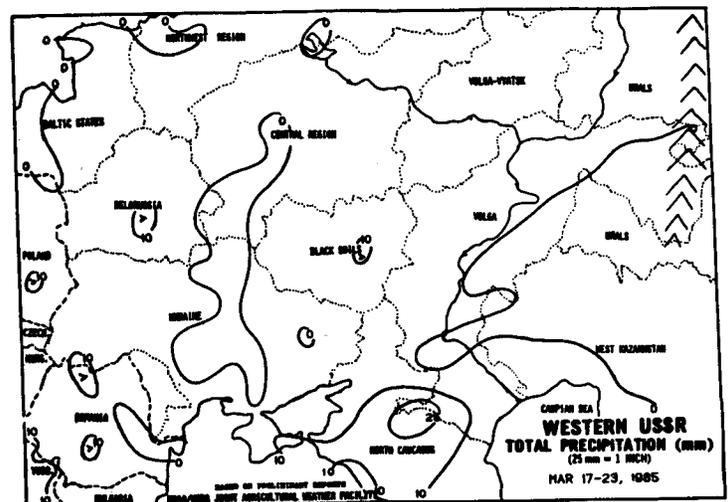
March 17 - 23

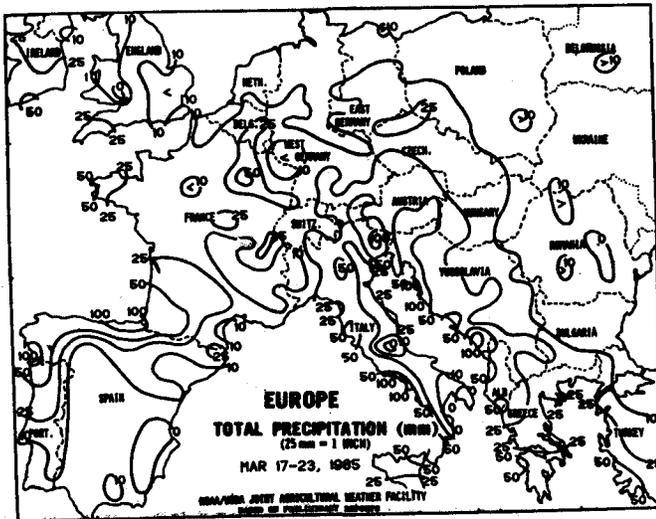
HIGHLIGHTS:

1. **UNITED STATES** ... Abnormal warmth spurs small grain development in the Plains and Corn Belt. Wet fields over most of central and southern Plains and Delta and Corn Belt hamper fertilizing, preparing land, and planting. Beneficial, heavy rains douse Florida.
2. **WESTERN USSR** ... Slow melting continues with western and southern crop areas losing snow cover.
3. **EUROPE** ... Unseasonably cold weather in the northwest slows early winter grain growth. Unfavorably dry weather continues to cover Spanish winter grains.
4. **SOUTH ASIA** ... Locally heavy rain falls in the east and south, but seasonably hot, dry weather covers central India.
5. **EASTERN ASIA** ... Rain continues to favor early rice planting in the south. Warmer weather benefits winter wheat.
6. **NORTHWESTERN AFRICA** ... Showers continue to benefit winter grains in Algeria and Tunisia. Light showers in northern Morocco temporarily relieves persistent dryness; winter grain areas in southern Morocco continue unfavorably dry.
7. **SOUTH AMERICA** ... Crop harvests are well underway in Argentina and Brazil. Generally dry weather in Buenos Aires favors harvesting, but showery periods in most other areas slow progress.
8. **MEXICO** ... Sunny, seasonal warm weather aids agriculture over most areas.
9. **SOUTH AFRICA** ... Drier weather favors corn harvesting. Soil moisture is adequate for wheat planting.

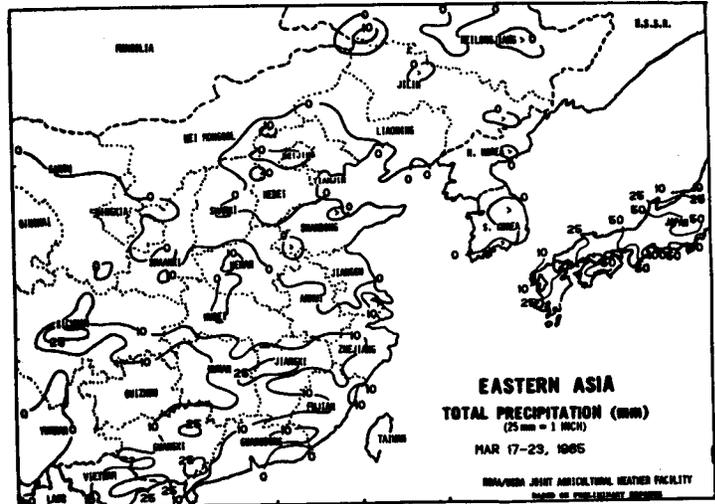


WESTERN USSR...Slow melting occurred over most winter grain areas. The weather was warmer than normal in northern crop areas and near normal in the south. Daytime highs ranged from 2C - 7C across the north and 1C - 4C over the south. However, winter grain areas in the extreme south, mainly Krasnodar Kray, experienced daytime highs around 10C. The weather was generally dry throughout most grain areas. However, crop areas in the central North Caucasus received 10-25mm of rain, causing some delays in early spring fieldwork. Snow cover retreated northward, leaving the Baltic States, Belorussia, the Ukraine, and the North Caucasus without a snow cover. A significant snow cover still exists in the Central Region, Black Soils, Volga Valley, and Volga Vyatsk.

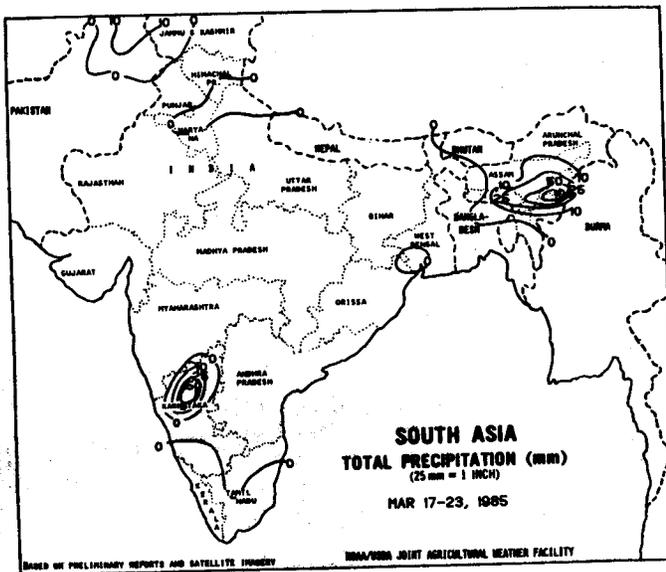




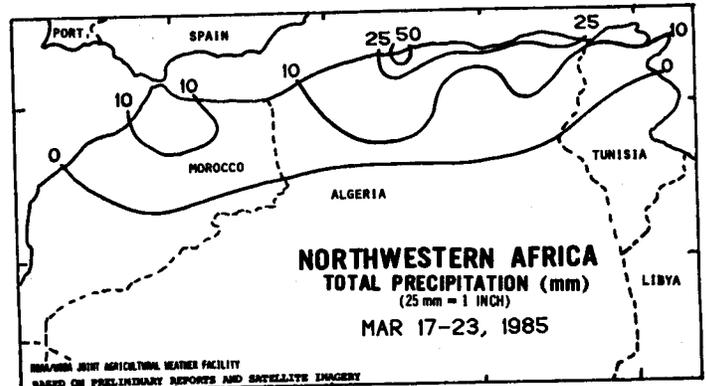
EUROPE...Unseasonably cold weather slowed early winter grain growth from England and France, though West Germany, into East Germany. Winter grains in Eastern Europe, except Bulgaria, remained dormant. Widespread showers increased moisture from central France through much of central Europe. Heavy precipitation (50-100mm) in western Yugoslavia continued last week's heavy rainfall pattern, increasing the potential for flooding. Below normal precipitation covered winter grains in eastern Poland, Romania, and Bulgaria. Dry weather in Spain continued to stress winter grains.



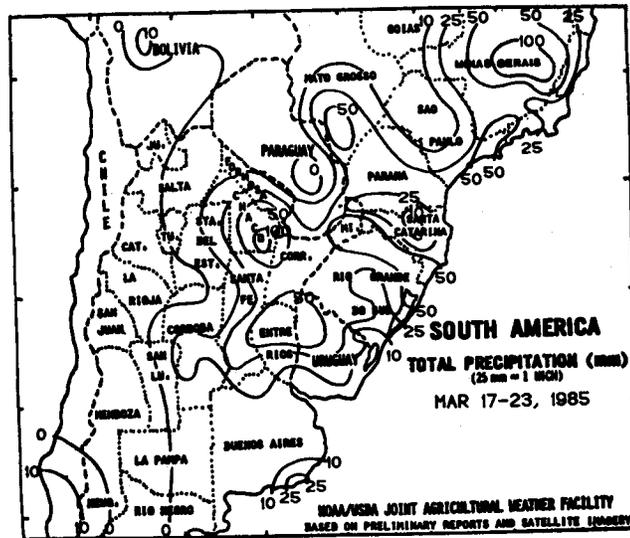
EASTERN ASIA...Precipitation decreased slightly in southern China this week. Light to moderate rain (10-25mm) fell south of the Yangtze River, benefiting early rice planting. Favorably warmer temperatures covered the North China Plain. Temperatures averaged above normal in Hebei and Shandong, allowing winter wheat to begin breaking dormancy. Temperatures remain below normal in the southern winter wheat region, but still warm enough for slow vegetative growth. Light rain (1-10mm) fell in parts of the North China Plain, benefiting nonirrigated winter wheat in Hebei.



SOUTH ASIA...Seasonably hot weather continued in much of the wheat regions of Pakistan and India. High temperatures were in the mid to upper 30's C, speeding wheat maturity and harvesting. Scattered, showers fell in the north, east, and south. The lightest rain (1-20mm) fell on northern wheat in the late grain filling and maturing stages. Locally heavy rain (50-100mm) fell in Karnataka and Assam. Seasonably dry weather continued in central India.



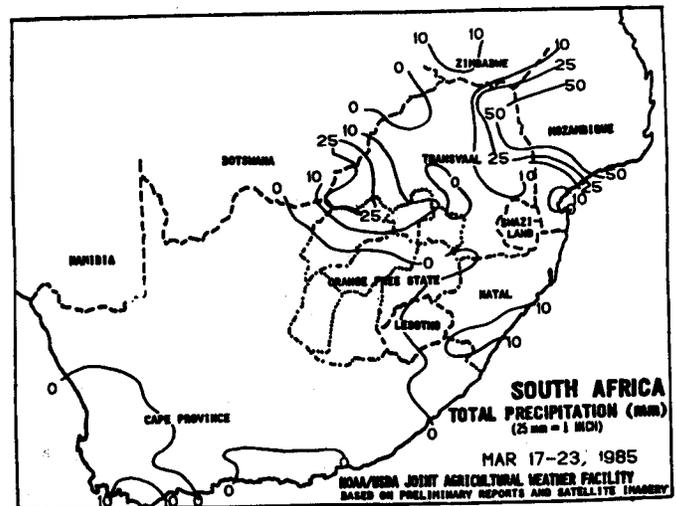
NORTHWESTERN AFRICA...Widespread showers (10-25mm) in Algeria and Tunisia continued to benefit winter grains approaching the heading stage. Some showers fell on winter grains in northern Morocco, bringing temporary relief from persistent dryness. Dry weather continued to stress winter grains in southern Morocco. The dry weather in southern Morocco has persisted for the past four weeks and crop conditions may be deteriorating. In addition, winter grains are in the moisture-sensitive heading stage, and rain is needed soon to prevent declines in the yield potential. Weekly temperatures were near normal in Morocco, and below normal in Algeria and Tunisia.



SOUTH AMERICA...The harvest season is well underway in the major crop areas of Argentina and Brazil. Late-week showers benefited immature soybeans, still filling pods, in Argentina's major producing province of Santa Fe. Mostly dry weather in Buenos Aires aided harvesting of corn, sunflowers, sorghum, and early soybeans. Argentina's sunflower and sorghum harvests are estimated at approximately 40 percent and 15 percent, respectively. Locally heavy showers during the latter half of the week in northeastern Argentina likely slowed sorghum and cotton harvesting. In Brazil, several days of dry weather favored early soybean harvesting in Rio Grande do Sul but, wetness late in the week delayed fieldwork. Parana's soybean harvest progressed to about 35 percent, but periodic showers have likely caused interruptions. Locally heavy rain fell again in Minas Gerais but somewhat drier weather later in the week should have improved field conditions.



MEXICO...Abundant sunshine and seasonal temperatures favored agricultural crops and activities. It was unusually dry over most areas, allowing planting and cultivating spring crops and harvesting winter ones. A few light rain sprinkles fell on eastern coffee, but was less than normal and should not have interfered with the remaining harvest.



SOUTH AFRICA...Drier weather in much of the Maize Triangle favored corn maturation and harvesting, following heavy rain last week. Light to moderate rain (10-25mm) fell on corn in Transvaal early in the week, likely slowing harvesting. Light rain (1-10mm) fell in the southwestern Cape Province, where soil moisture is adequate for upcoming wheat planting. Temperatures were moderate throughout most of the region.

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(continued from p. 10)

Mixed vegetable harvest was active.

PASTURES AND LIVESTOCK: Pastures and ranges steadily improved from the warmer-than-normal temperatures and moisture. Hay and roughage increasingly shortened. Livestock was good; death losses have been held to a minimum thus far.

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