WEEKLY WEATHER AND CROP BULLETIN

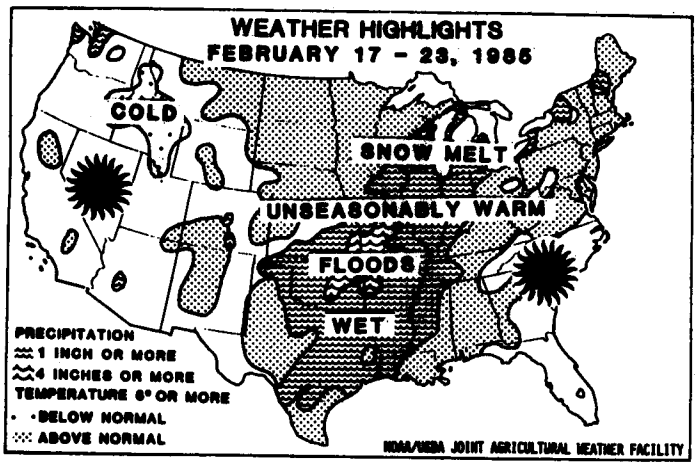
U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration, National Weather Service

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

Volume 72, No. 8 | WASHINGTON, D.C. | Feb. 26, 1985

National Weather Summary

February 17 to 23, 1985



HIGHLIGHTS: Deluges of rain from south central Oklahoma and northwestern Arkansas to central Missouri caused serious flooding. Late in the week, heavy rain fell from south central Texas to southern Michigan and the St. Lawerence Valley. Heavy showers also reached into parts of the Mississippi Delta. Lighter rain fell throughout the southern and central Plains, the Great Lakes, and the Northeast. The week began with rather cold temperatures in the East and freezing weather reaching into northern Florida, but ended with most of the Nation being warmer than normal. Record-high temperatures were set on both the east and west coasts.

SUNDAY...It was dry over most of the Nation. A few light rainshowers fell in southern Missouri. Snow covered the Great Lakes region and from the central Appalachians northward. Morning temperatures were still quite cold over much of the Nation but warmed considerably during the day. Forty degree readings reached into North Dakota and Montana.

MONDAY...Rain fell from Arkansas and the lower Mississippi Valley into West Virginia, and snowshowers continued through the Great Lakes and west of the northern Appalachians. Warmer weather continued across the South and began pushing up the east coast.

TUESDAY...It was much warmer along the east coast; the 32-degree line barely reached into Pennsylvania, but cooler weather pushed southward west of the Appalachians. Unseasonably warm air pushed northward into the Plains. Showers were light from Texas to North Carolina. Showers moved over the Pacific Northwest--rain west of the Cascades and snow to the East.

WEDNESDAY...Showers and thunderstorms developed in the southern Plains and parts of the central Plains. Rainshowers extended northeastward through Wisconsin. Heavy snow fell in parts of Utah while lighter snow covered the central Plateau and northern Rockies. Rainshowers spread over the Southwest. Warm weather continued through most of the Plains.

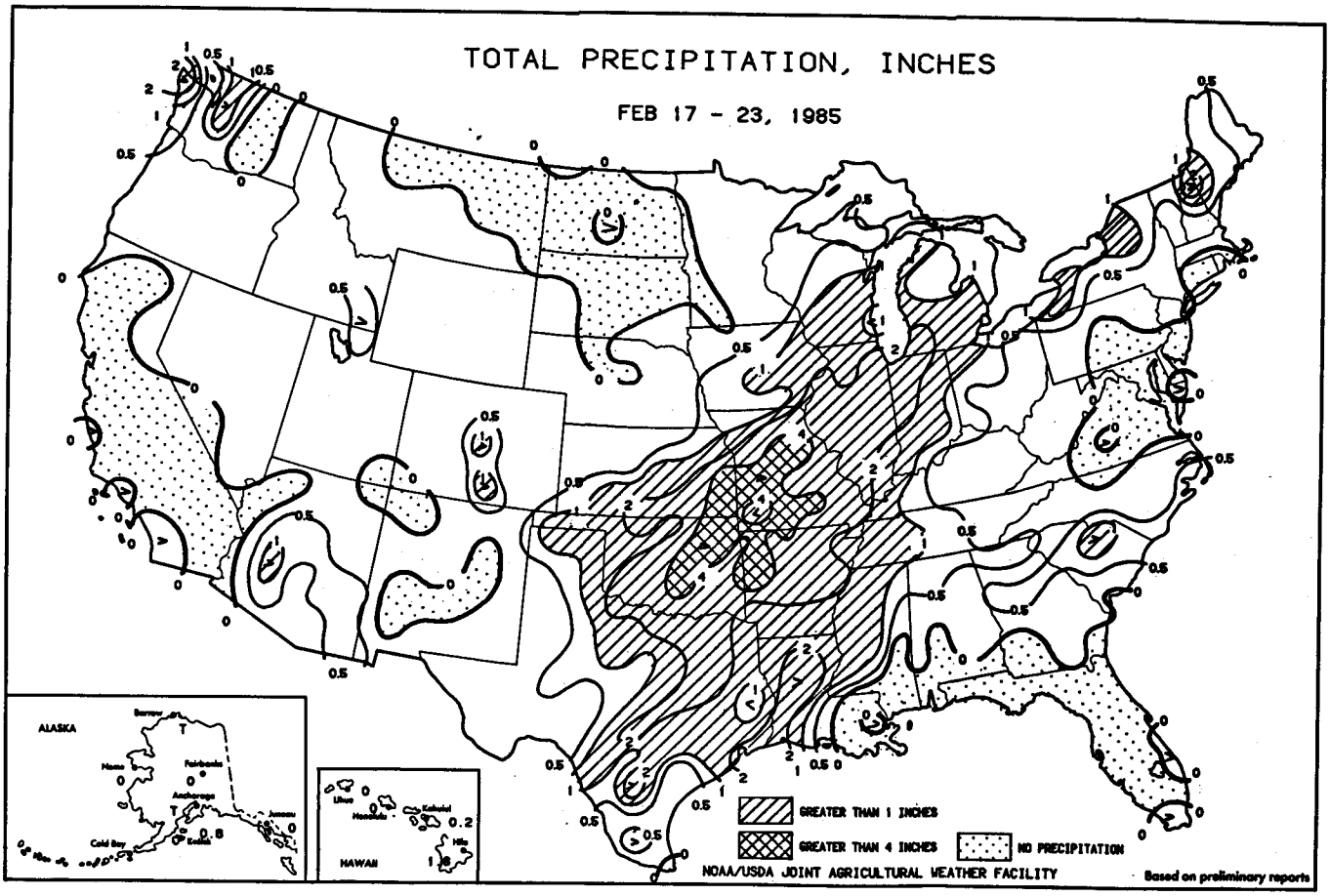
THURSDAY...Southerly winds brought warm, moist air into central United States. Showers and thunderstorms spread over the southern Plains and lower Missouri Valley, and rain or rainshowers extended through the Great Lakes, the Ohio Valley, and western New York. Heavy rain fell from southeastern Kansas into central Illinois. Showers also covered much of Arizona and the northwest coast, while snow fell from Utah into Montana.

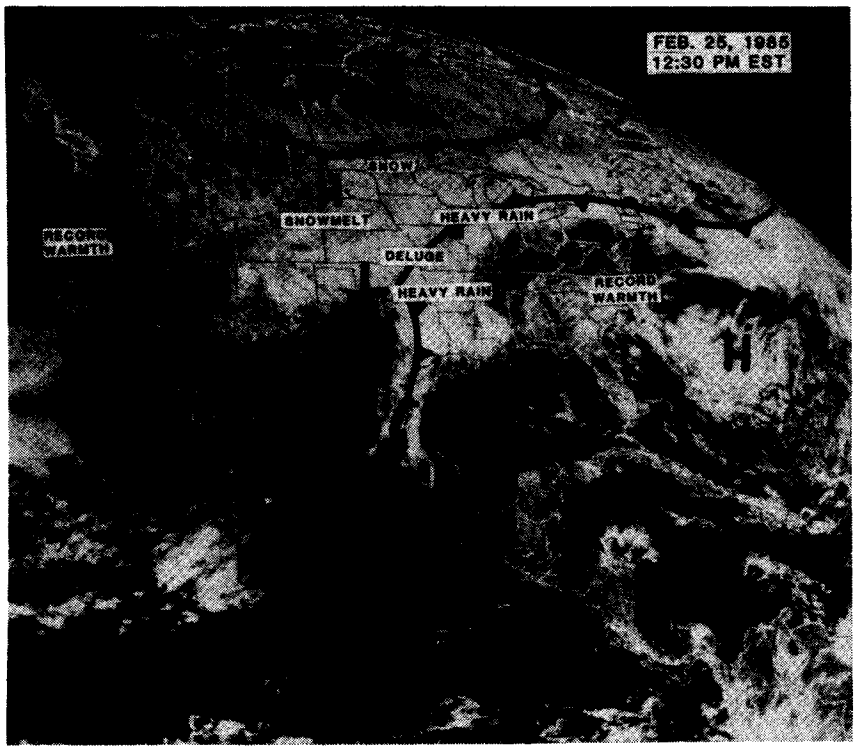
FRIDAY...Deluges of rain fell from south central Oklahoma into central Missouri. Heavy rain fell from south central Texas to southern Lake Michigan. Light to moderate showers or rain covered nearly all of the Plains, the Lakes, the Ohio Valley, and the Northeast. Rain or snow fell throuth most of the Rockies. Melting snow and heavy rain created serious flooding in many areas. Springlike weather set high temperature records on both the west and east coast.

SATURDAY...Moderate to heavy rain fell from eastern Texas into Alabama and northward to the middle Mississippi Valley, and from south central Kansas northeastward into the St. Lawerence Valley. Lighter showers fell through the rest of the central and southern Plains and Rockies, and the Ohio and Tennessee Valleys. Springlike afternoon temperatures again set records on both coasts. A little cooler air pushed into the upper Mississippi Valley.

Contents

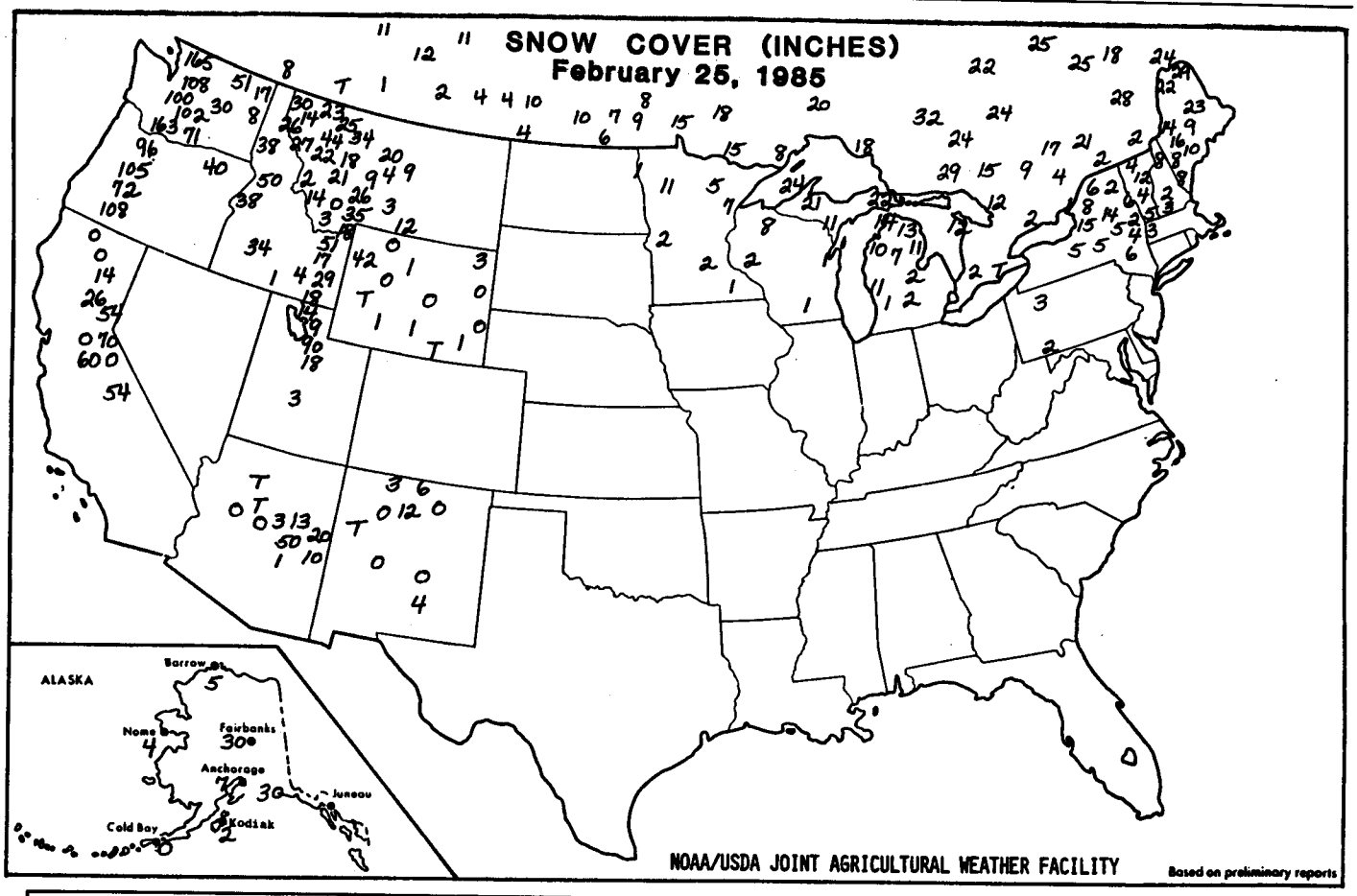
	Page
National Weather Summary	1
Precipitation & North American Satellite Photo	2
Snow Cover & Extreme Minimum Temperature	3
Average Temperature & Departure	4
Weather Data for Selected Cities	5
Heating Degrees Days Table	8
Mean Annual Heating Degree Days	9
National Agricultural Summary	10
State Summaries of Weather & Agriculture & Heating Degree Days Maps	11
Global Weather Satellite Photo	16
International Weather & Crop Summary	17
Subscription & Mailing Permit Information	20

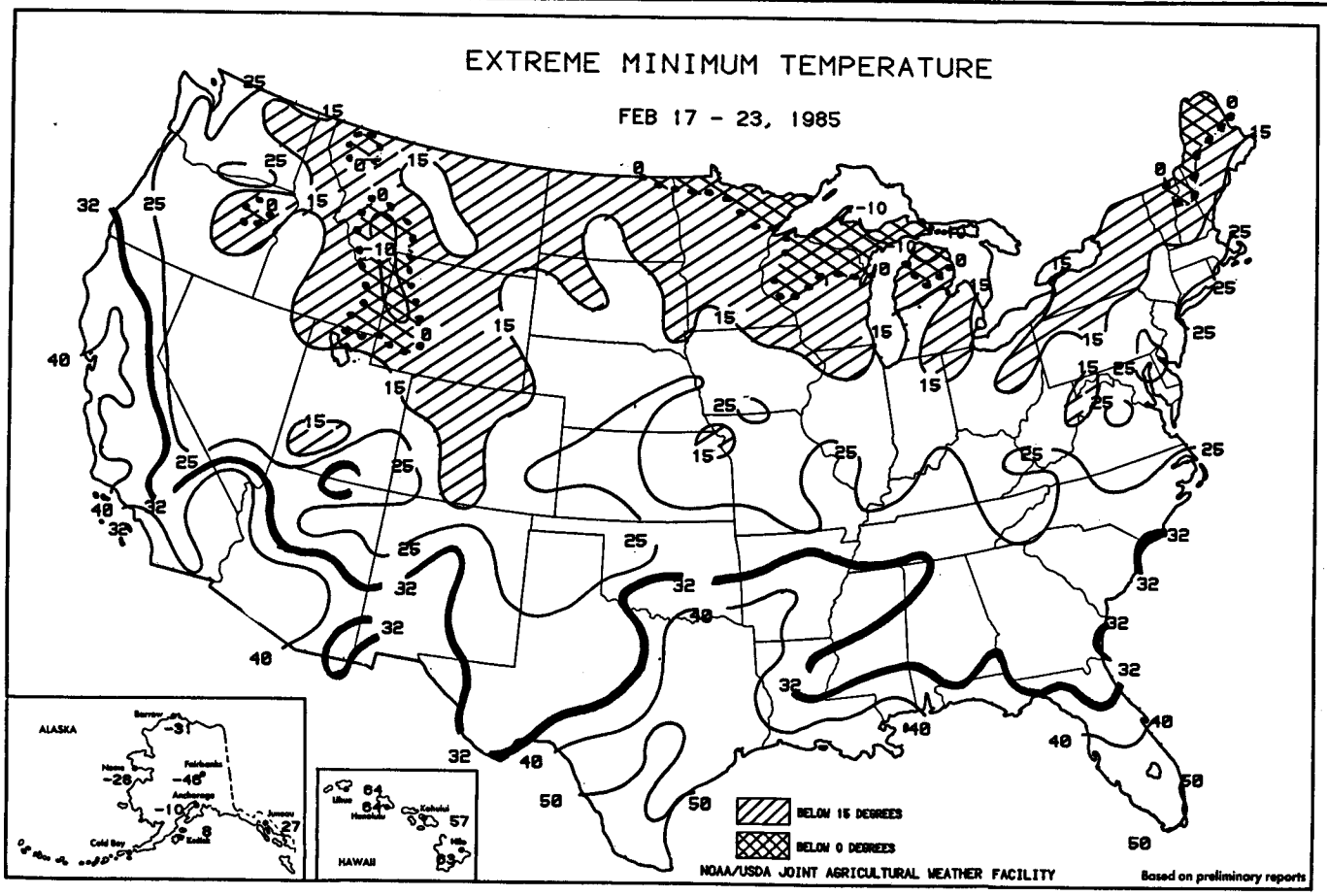


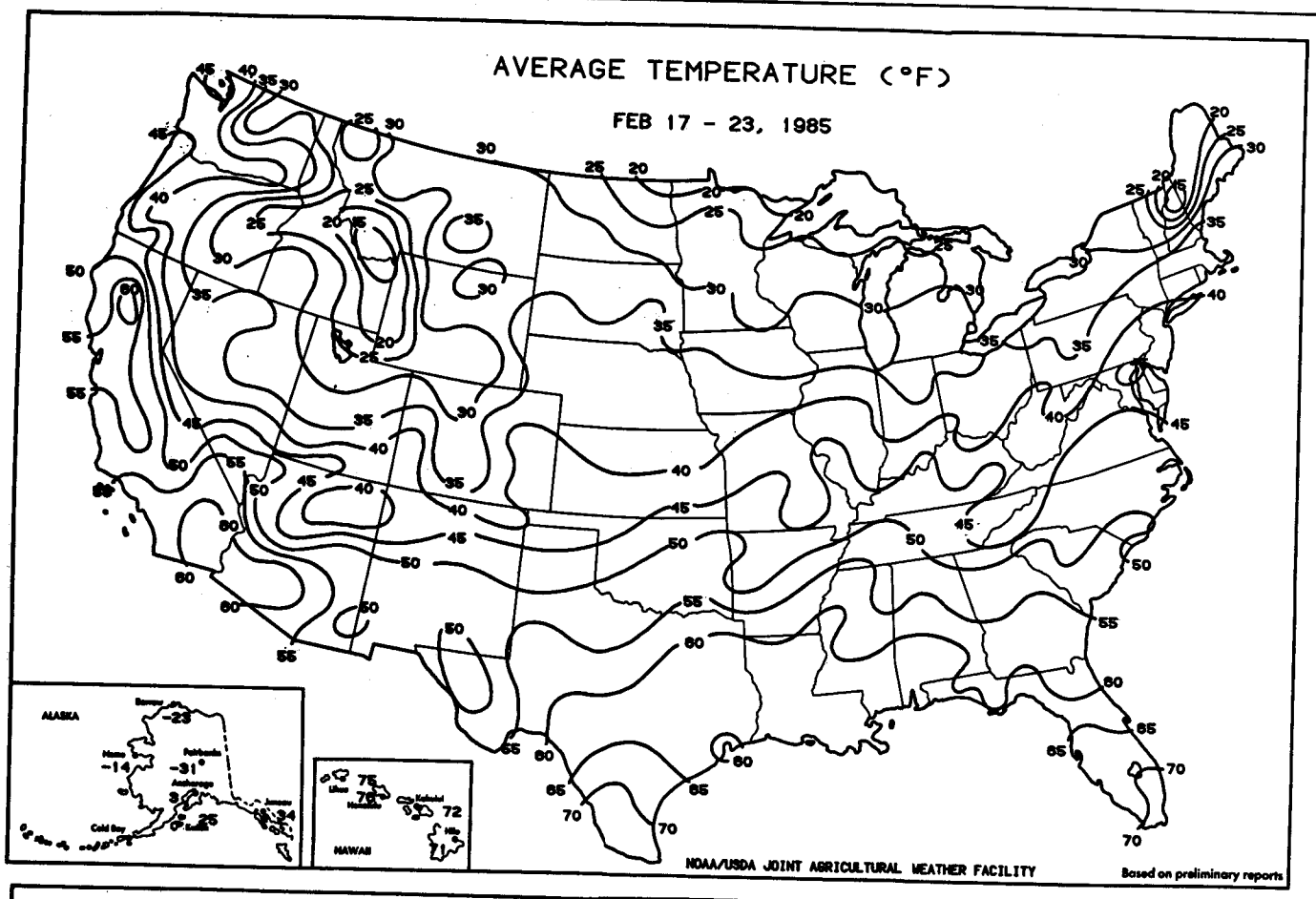


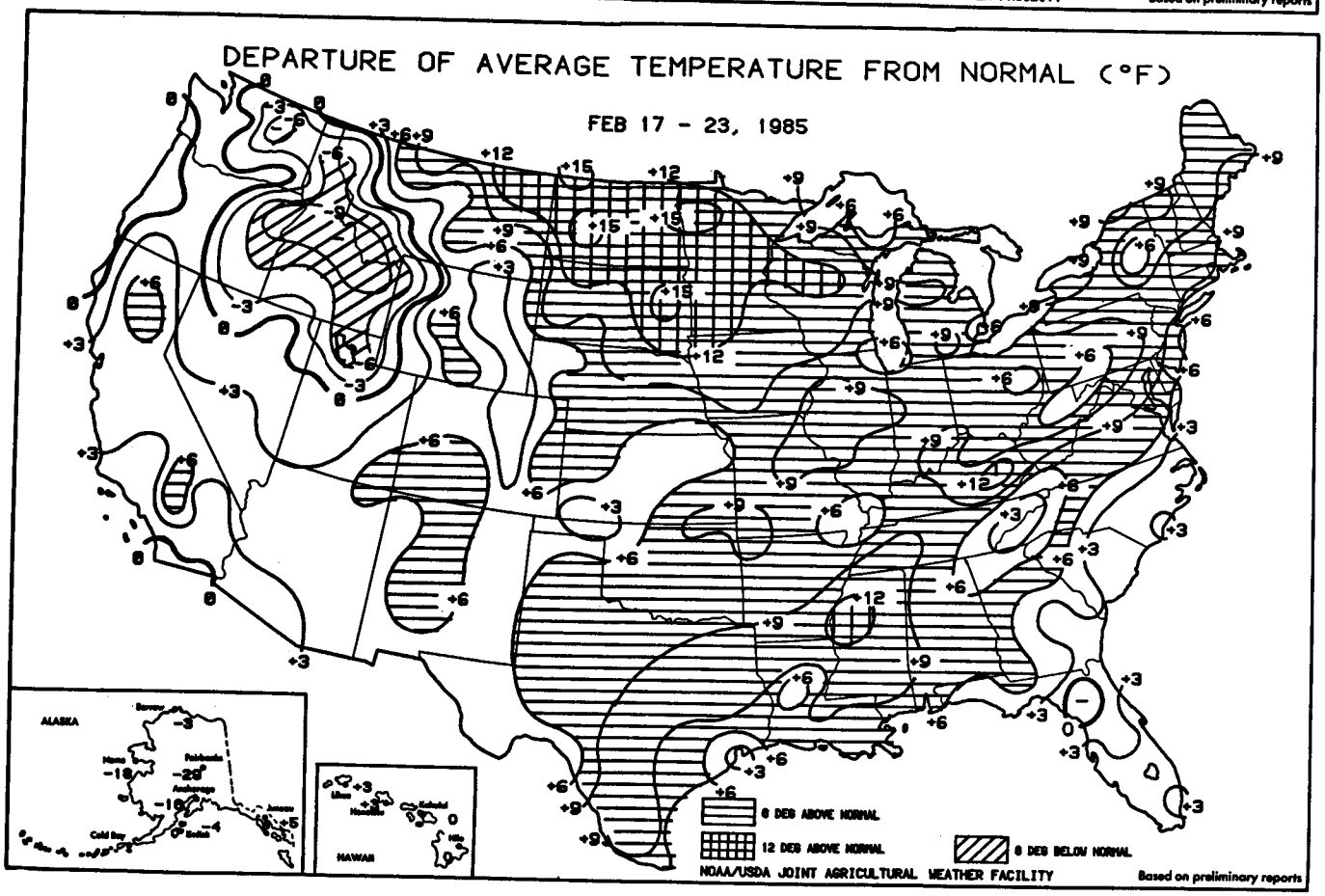
WARM, MOIST AIR FROM THE GULF OF MEXICO SURGES NORTHWARD AHEAD OF A COLD FRONT AND TRIGGERS DELUGES OF RAIN FROM CENTRAL OKLAHOMA TO CENTRAL MISSOURI. AMOUNTS IN EXCESS OF 6 INCHES IN 24 HOURS WERE RECORDED AT SOME POINTS. HEAVY RAIN FALLS ALONG AND AHEAD OF THE FRONT FROM TEXAS TO UPPER NEW YORK.

UNUSUALLY WARM WEATHER OVER MOST OF THE NATION MELTS SNOW COVER AND, COMBINED WITH THE HEAVY RAIN, OVERFLOWS MANY RIVERS AND STREAMS, AND CREATES STANDING WATER IN LOW PLACES.


SNOW COVER (INCHES)
February 25, 1985
ALASKA
Barrow
Nome
Fairbanks
Anchorage
Juneau
Cold Bay
Kodiak
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


EXTREME MINIMUM TEMPERATURE
FEB 17 - 23, 1985
ALASKA
HAWAII
BELOW 15 DEGREES
BELOW 0 DEGREES
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


AVERAGE TEMPERATURE (°F)
FEB 17 - 23, 1985
ALASKA
HAWAII
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


DEPARTURE OF AVERAGE TEMPERATURE FROM NORMAL (°F)
FEB 17 - 23, 1985
ALASKA
HAWAII
6 DEG ABOVE NORMAL
12 DEG ABOVE NORMAL
6 DEG BELOW NORMAL
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

Weather Data for the Week Ending February 23, 1985

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	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 DEC. 1	PCT. NORMAL SINCE DEC. 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	65	45	75	28	55	8	.3	-.9	.3	10.0	71	7.5	83	77	38	0	1	1	0
MOBILE	72	50	76	39	61	6	0	-1.3	0	11.6	83	9.5	112	85	51	0	0	0	0
MONTGOMERY	72	46	77	30	59	8	.1	-1.1	.1	14.0	111	9.5	122	76	34	0	1	1	0
AK ANCHORAGE	11	-5	14	-10	3	-16	T	-.2	T	2.3	86	1.2	75	94	64	0	7	1	0
BARROW	-19	-28	-13	-31	-23	-3	T	0	T	.2	38	.1	25	68	50	0	7	1	0
FAIRBANKS	-20	-41	-11	-46	-31	-29	T	-.1	T	4.1	250	.8	89	71	61	0	7	0	0
JUNEAU	37	31	40	27	34	5	T	-.9	T	.9	8	.9	14	97	82	0	5	0	0
KODIAK	31	19	40	8	25	-4	.6	-.9	.3	21.1	105	15.6	114	87	63	0	7	5	0
NOME	-6	-21	1	-28	-14	-18	0	-.1	0	2.2	116	1.1	85	74	50	0	7	0	0
AZ PHOENIX	72	51	81	44	61	4	.2	0	.1	4.1	200	1.1	92	74	29	0	0	2	0
PRESCOTT	56	34	66	30	45	5	.6	.3	.6	5.8	126	2.7	93	86	39	0	3	2	1
TUCSON	69	46	81	42	58	3	.2	.1	.2	5.9	260	2.6	200	67	23	0	0	2	0
YUMA	74	50	83	44	62	1	T	-.1	T	1.7	173	.3	50	64	24	0	0	0	0
AR FORT SMITH	59	45	69	29	52	8	4.8	4.1	2.9	13.2	197	7.0	179	91	64	0	1	5	2
LITTLE ROCK	57	46	67	39	51	6	2.8	1.8	2.2	12.0	112	6.4	96	91	71	0	0	4	1
CA BAKERSFIELD	67	43	75	39	55	1	0	-.3	0	1.7	64	.7	37	81	39	0	0	0	0
EUREKA	54	42	57	38	48	-1	.1	-1.2	.1	8.9	51	4.3	38	95	72	0	0	1	0
FRESNO	68	43	73	35	55	4	0	-.4	0	3.1	60	1.1	31	88	43	0	0	0	0
LOS ANGELES	64	52	74	48	58	1	T	-.6	T	6.8	100	2.6	50	85	54	0	0	0	0
RED BLUFF	73	47	80	39	60	9	0	-.8	0	3.5	32	1.5	21	58	23	0	0	0	0
SACREMENTO	69	44	75	41	57	6	0	-.7	0	3.4	36	2.2	34	88	40	0	0	0	0
SAN DIEGO	62	53	67	47	58	-1	.1	-.3	.1	5.8	125	1.3	39	82	60	0	0	1	0
SAN FRANCISCO	66	46	73	41	56	4	0	-.8	0	5.0	45	3.1	42	82	44	0	0	0	0
CO DENVER	48	26	62	22	37	3	.3	.1	.2	1.5	96	1.1	100	84	38	0	6	2	0
GRAND JUNCTION	50	30	53	24	40	5	T	-.1	T	1.2	70	.8	73	83	37	0	4	1	0
PUEBLO	53	24	66	20	39	2	T	0	T	1.1	137	.7	140	92	38	0	7	1	0
CT BRIDGEPORT	46	32	55	21	39	8	T	-.8	T	5.2	55	2.8	49	78	46	0	3	0	0
HARTFORD	49	27	59	17	38	10	T	-.8	T	4.9	48	2.4	39	72	37	0	5	0	0
DC WASHINGTON	56	34	73	27	45	7	T	-.7	T	6.2	77	5.0	102	75	30	0	4	0	0
FL APALACHICOLA	68	50	71	37	59	3	0	-.9	0	8.2	83	7.3	112	83	53	0	0	0	0
DAYTONA BEACH	76	51	78	33	63	4	0	-.8	0	1.5	22	1.3	27	85	46	0	0	0	0
JACKSONVILLE	72	43	78	30	58	2	0	-.9	0	2.1	25	2.0	34	94	42	0	1	0	0
KEY WEST	77	68	78	64	72	1	.1	-.4	.1	.7	14	.6	18	71	55	0	0	1	0
MIAMI	78	62	81	47	70	2	T	-.5	T	1.1	20	.4	11	76	45	0	0	0	0
ORLANDO	76	52	81	38	64	2	0	-.8	0	2.4	39	2.3	53	97	41	0	0	0	0
TALLAHASSEE	77	46	79	28	61	7	0	-1.3	0	6.0	45	4.6	53	89	36	0	1	0	0
TAMPA	80	53	83	42	66	5	0	-.8	0	4.2	62	4.1	89	86	35	0	0	0	0
WEST PALM BEACH	77	63	80	46	70	4	.5	-.2	.5	1.5	21	1.4	29	81	52	0	0	1	0
GA ATLANTA	63	42	73	33	53	7	.1	-1.1	.1	11.2	88	7.5	88	77	32	0	0	2	0
AUGUSTA	67	36	76	25	52	3	.4	-.7	.3	10.5	100	9.2	126	92	37	0	3	2	0
MACON	67	40	76	25	54	3	.1	-1.1	.1	9.6	80	7.6	95	92	36	0	2	1	0
SAVANNAH	69	41	79	28	55	3	T	-.8	T	2.0	24	1.9	33	89	37	0	2	1	0
HI HILO	78	64	79	63	71	0	1.8	-1.8	.8	18.1	55	6.6	32	88	60	0	0	6	2
HONOLULU	83	69	83	64	76	3	T	-.7	T	9.3	99	3.9	65	79	49	0	0	0	0
KAHULUI	83	62	84	57	72	0	.2	-.6	.2	2.0	21	1.7	25	91	53	0	0	1	0
LIHUE	79	71	80	64	75	3	0	-.8	0	12.7	86	8.6	92	80	61	0	0	0	0
ID BOISE	38	23	47	20	31	-7	.1	-.2	.1	1.3	33	.7	27	87	57	0	7	2	0
LEWISTON	45	29	54	22	37	-2	T	-.2	T	1.0	28	.5	24	90	52	0	5	1	0
POCATELLO	33	17	42	5	25	-6	.5	.3	.4	2.2	77	1.6	89	89	67	0	7	2	0
IL CHICAGO	41	26	50	10	33	6	2.2	1.8	1.5	7.7	164	4.8	185	93	71	0	4	3	2
MOLINE	43	30	47	16	36	10	2.1	1.8	1.3	7.1	155	3.6	133	92	71	0	4	4	1
PEORIA	47	31	55	17	39	10	2.0	1.6	.9	7.3	156	3.5	130	94	75	0	4	3	2
QUINCY	48	33	58	21	41	10	2.7	2.3	1.6	8.3	200	3.8	152	92	72	0	4	3	2
ROCKFORD	38	24	43	10	31	6	1.3	1.0	.7	6.4	150	2.7	113	97	75	0	4	3	1
SPRINGFIELD	48	32	61	20	40	9	2.4	1.9	1.2	7.3	145	3.4	113	98	75	0	4	3	3
IN EVANSVILLE	54	33	77	20	44	7	1.2	.5	.8	11.9	135	6.0	111	87	49	0	4	2	1
FORT WAYNE	42	27	53	14	34	7	1.2	.8	.6	8.5	141	5.3	147	86	64	0	5	3	1
INDIANAPOLIS	48	31	70	19	39	8	1.4	.8	.9	9.5	125	4.9	107	88	59	0	4	3	1
SOUTH BEND	40	28	49	15	34	7	2.3	1.8	1.4	10.9	155	6.4	156	85	62	0	4	4	2
IA DES MOINES	43	29	49	21	36	10	1.6	1.3	.7	5.0	172	2.6	137	89	69	0	4	3	2
SIOUX CITY	44	27	51	22	36	11	.1	-.2	.1	1.8	85	.4	31	85	54	0	6	1	0
WATERLOO	39	25	44	16	32	10	1.0	.7	.6	3.1	112	1.8	113	85	71	0	6	4	1
KS CONCORDIA	44	30	56	19	37	4	.5	.2	.3	5.5	285	1.9	158	99	82	0	3	3	0
DODGE CITY	52	32	66	27	42	6	1.2	1.0	.7	4.7	338	2.3	256	94	56	0	3	4	1
GOODLAND	51	30	67	25	40	7	.1	-.1	0	1.3	119	.6	86	91	44	0	5	2	0
TOPEKA	47	29	59	13	38	4	1.5	1.3	.8	4.9	165	2.6	153	97	76	0	4	4	1
WICHITA	51	34	59	24	43	6	1.8	1.6	.7	7.0	307	2.3	177	96	70	0	3	4	2
KY BOWLING GREEN	57	37	75	27	47	9	.2	-.8	.2	9.4	77	4.3	57	94	46	0	5	2	0
LEXINGTON	53	34	72	22	44	8	.1	-.7	.1	7.9	79	3.0	48	82	43	0	4	2	0
LOUISVILLE	57	36	75	27	46	9	.3	-.6	.3	10.1	107	4.2	70	80	36	0	4	1	0
LA ALEXANDRIA	69	50	75	34	60	4	3.8	2.4	3.6	12.1	86	10.0	109	93	66	0	0	3	1
BATON ROUGE	73	53	79	38	63	8	T	-1.3	T	9.7	71	6.3	72	91	56	0	0	0	0
LAKE CHARLES	72	51	76	38	62	6	1.8	.8	1.8	11.6	92	7.5	100	98	65	0	0	2	1
NEW ORLEANS	72	54	78	44	63	7	T	-1.3	T	12.6	87	10.1	109	87	59	0	0	1	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending February 23, 1985

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	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 DEC. 1	PCT. NORMAL SINCE DEC. 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	71	50	78	39	61	10	1.4	.6	1.3	9.1	85	6.5	94	97	62	0	0	3	1
ME CARIBOU	27	10	36	-8	19	5	.3	-.2	.2	5.0	69	2.3	56	89	61	0	7	5	0
PORTLAND	43	22	52	14	33	9	.3	-.6	.2	6.0	54	2.6	39	80	43	0	5	2	0
MD BALTIMORE	58	35	74	26	46	11	0	-.8	0	6.3	71	4.9	91	57	23	0	3	0	0
SALISBURY	54	31	71	20	42	5	.1	-.8	.1	7.4	75	5.4	89	92	41	0	5	1	0
MA BOSTON	47	31	56	25	39	8	.2	-.8	.2	5.8	51	2.9	41	78	42	0	5	1	0
CHATHAM	43	32	47	29	38	6	T	-1.0	T	6.8	53	3.6	46	--	--	0	3	1	0
MI ALPENA	36	17	47	-11	26	8	.8	.5	.6	6.1	131	3.9	144	95	66	0	5	5	1
DETROIT	40	25	50	15	33	6	1.7	1.3	1.5	8.8	154	6.1	191	91	68	0	5	4	1
FLINT	38	25	47	14	32	8	1.8	1.4	1.5	8.5	179	4.8	171	90	68	0	5	4	1
GRAND RAPIDS	38	26	45	17	32	7	2.0	1.5	1.5	9.4	166	5.0	161	92	68	0	5	5	1
HOUGHTON LAKE	37	19	45	-2	28	9	.6	.3	.4	6.3	142	3.3	132	95	72	0	5	4	0
LANSING	39	25	48	13	32	7	1.8	1.4	1.5	8.6	166	4.9	163	93	74	0	5	4	1
MARQUETTE	31	10	41	-13	20	5	.6	.1	.4	8.2	137	5.5	157	98	67	0	7	5	0
MUSKEGON	36	29	42	21	32	8	1.2	.7	.5	9.6	152	5.0	135	87	67	0	5	4	1
SAULT STE. MARIE	30	14	42	-11	22	7	.7	.3	.2	9.8	160	4.7	131	97	73	0	5	6	0
MN ALEXANDRIA	36	17	45	8	26	12	T	-.2	T	1.9	91	.9	64	95	68	0	7	0	0
DULUTH	32	16	38	4	24	10	.1	-.1	0	2.8	89	.9	47	91	60	0	7	3	0
INT'L FALLS	25	10	37	-4	18	8	.1	-.1	.1	2.0	84	.7	50	93	68	0	7	3	0
MINNEAPOLIS	38	21	43	7	29	10	.2	0	.2	3.6	152	1.4	93	86	63	0	7	4	0
ROCHESTER	35	21	38	3	28	9	.4	.2	.3	3.0	142	1.2	92	94	77	0	6	4	0
MS GREENWOOD	70	50	75	35	60	12	1.5	.3	1.4	7.2	51	6.3	72	87	51	0	0	3	1
JACKSON	72	46	76	30	59	9	1.9	.7	1.8	11.1	79	8.9	103	98	55	0	1	2	1
MERIDIAN	73	46	78	31	60	10	0	-1.2	0	9.9	69	6.3	73	86	47	0	1	0	0
MO CAPE GIRARDEAU	54	38	70	25	46	--	3.0	2.2	1.6	13.6	150	6.1	115	95	64	0	3	4	2
COLUMBIA	52	35	65	23	44	10	5.4	4.9	2.4	11.9	238	7.2	240	99	72	0	3	4	3
KANSAS CITY	48	31	59	16	40	6	1.9	1.5	1.0	7.0	208	3.4	170	95	68	0	4	4	2
SAINT LOUIS	53	39	63	27	46	11	2.9	2.4	1.5	8.8	156	4.1	121	90	60	0	3	3	2
SPRINGFIELD	54	38	63	21	46	9	3.5	3.0	2.3	12.8	221	5.8	176	90	63	0	3	4	2
MT BILLINGS	46	28	56	20	37	7	.2	0	.1	1.5	62	.6	38	79	33	0	6	2	0
GLASGOW	39	22	45	9	31	13	T	-.1	T	.6	54	.1	13	92	66	0	7	0	0
GREAT FALLS	45	27	52	20	36	7	T	-.2	T	1.6	66	.5	29	87	35	0	6	0	0
HAVRE	40	22	46	11	31	9	T	-.1	T	.8	54	.2	20	91	60	0	7	0	0
HELENA	39	21	45	10	30	3	T	-.1	T	1.0	60	.5	50	79	44	0	7	1	0
KALISPELL	33	12	38	-3	23	-5	.3	0	.2	2.4	57	1.1	44	87	64	0	7	3	0
MILES CITY	40	22	44	11	31	7	T	-.1	T	.7	46	.2	20	88	60	0	7	0	0
MISSOULA	38	19	44	4	29	-1	.1	-.1	.1	1.5	43	.8	38	92	58	0	7	1	0
NE GRAND ISLAND	46	29	56	26	38	9	.1	-.1	.1	1.9	103	.5	45	84	54	0	6	2	0
LINCOLN	45	27	53	22	36	8	.3	0	.2	4.2	202	.8	57	97	71	0	5	3	0
NORFOLK	45	27	51	20	36	11	T	-.2	T	1.5	87	.4	36	91	52	0	6	2	0
NORTH PLATTE	48	25	60	21	36	8	.1	-.1	.1	1.4	113	.7	88	94	47	0	6	1	0
OMAHA	43	32	52	27	37	10	.6	.4	.4	5.5	254	1.1	79	92	66	0	5	4	0
SCOTTSBLUFF	51	22	63	16	36	5	.1	-.1	0	1.3	106	.8	114	78	30	0	7	2	0
VALENTINE	48	24	64	20	36	11	T	-.1	T	.7	72	.6	86	82	40	0	6	0	0
NV ELY	43	20	53	18	32	2	.1	-.1	.1	1.7	84	.9	69	93	56	0	7	1	0
LAS VEGAS	65	45	70	42	55	4	T	-.1	T	1.9	156	.2	22	52	22	0	0	1	0
RENO	55	25	60	19	40	2	T	-.2	T	1.0	30	.9	45	86	32	0	7	1	0
WINNEMUCCA	48	23	53	18	36	-1	.2	.1	.2	1.8	78	1.5	100	98	47	0	7	1	0
NH CONCORD	44	21	53	11	32	9	.2	-.4	.2	5.4	66	2.8	58	90	47	0	6	2	0
NJ ATLANTIC CITY	55	29	72	18	42	8	0	-.8	0	5.3	55	3.6	58	87	35	0	5	0	0
NM ALBUQUERQUE	57	36	66	32	47	6	.3	.2	.2	2.2	182	.9	129	74	29	0	2	2	0
CLOVIS	60	36	67	24	48	6	T	-.1	T	2.8	177	1.5	150	87	37	0	2	1	0
ROSWELL	63	40	73	30	52	5	T	-.1	T	1.2	158	.3	60	93	38	0	1	1	0
NY ALBANY	44	27	53	16	35	11	.2	-.4	.1	4.4	61	1.9	45	85	47	0	5	3	0
BINGHAMTON	43	25	60	13	34	11	.2	-.4	.2	5.7	78	2.5	57	83	42	0	5	2	0
BUFFALO	41	26	51	14	33	8	1.3	.7	.9	10.5	126	7.1	142	85	56	0	5	4	1
NEW YORK	51	36	66	29	43	9	T	-.8	T	5.0	54	2.6	46	63	33	0	3	1	0
ROCHESTER	41	25	52	11	33	8	.7	.1	.6	7.9	116	4.7	112	77	45	0	5	4	1
SYRACUSE	44	28	54	14	36	11	.7	0	.4	8.1	102	3.8	79	81	45	0	5	5	0
NC ASHEVILLE	55	32	64	22	43	3	T	-.9	T	8.4	85	7.1	111	91	38	0	4	1	0
CHARLOTTE	59	37	71	26	48	4	.1	-.8	.1	10.4	101	8.0	116	84	35	0	3	2	0
GREENSBORO	59	35	71	25	47	7	T	-.8	T	8.9	92	7.0	111	70	30	0	4	0	0
HATTERAS	56	40	67	29	48	2	.6	-.4	.6	10.8	85	9.2	114	91	52	0	1	2	1
NEW BERN	62	35	74	29	48	2	.7	-.3	.7	8.5	77	7.2	99	80	37	0	4	1	1
RALEIGH	59	35	72	24	47	4	.1	-.8	.1	10.4	110	8.1	129	80	33	0	4	2	0
WILMINGTON	64	38	74	29	51	3	.5	-.4	.5	8.1	82	6.8	106	89	34	0	2	1	1
ND BISMARCK	39	22	45	17	30	13	T	-.1	T	.9	60	.3	33	89	54	0	7	1	0
FARGO	34	19	42	9	27	14	T	-.1	T	1.3	85	.4	44	87	70	0	7	0	0
GRAND FORKS	34	18	42	5	26	14	T	-.1	T	1.7	92	.5	42	84	66	0	7	0	0
WILLISTON	40	20	49	11	30	13	T	-.1	T	.4	28	.2	20	88	57	0	7	0	0
OH AKRON-CANTON	44	25	61	15	35	7	.2	-.3	.2	5.6	81	3.0	70	77	46	0	5	3	0
CINCINNATI	51	33	72	19	42	9	.7	0	.7	7.9	97	3.7	71	81	46	0	4	1	1
CLEVELAND	44	27	60	16	36	7	.4	-.2	.2	7.3	105	3.9	91	84	46	0	5	3	0
COLUMBUS	46	27	66	14	36	5	.5	-.1	.4	5.6	78	2.7	60	77	46	0	5	2	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending February 23, 1985

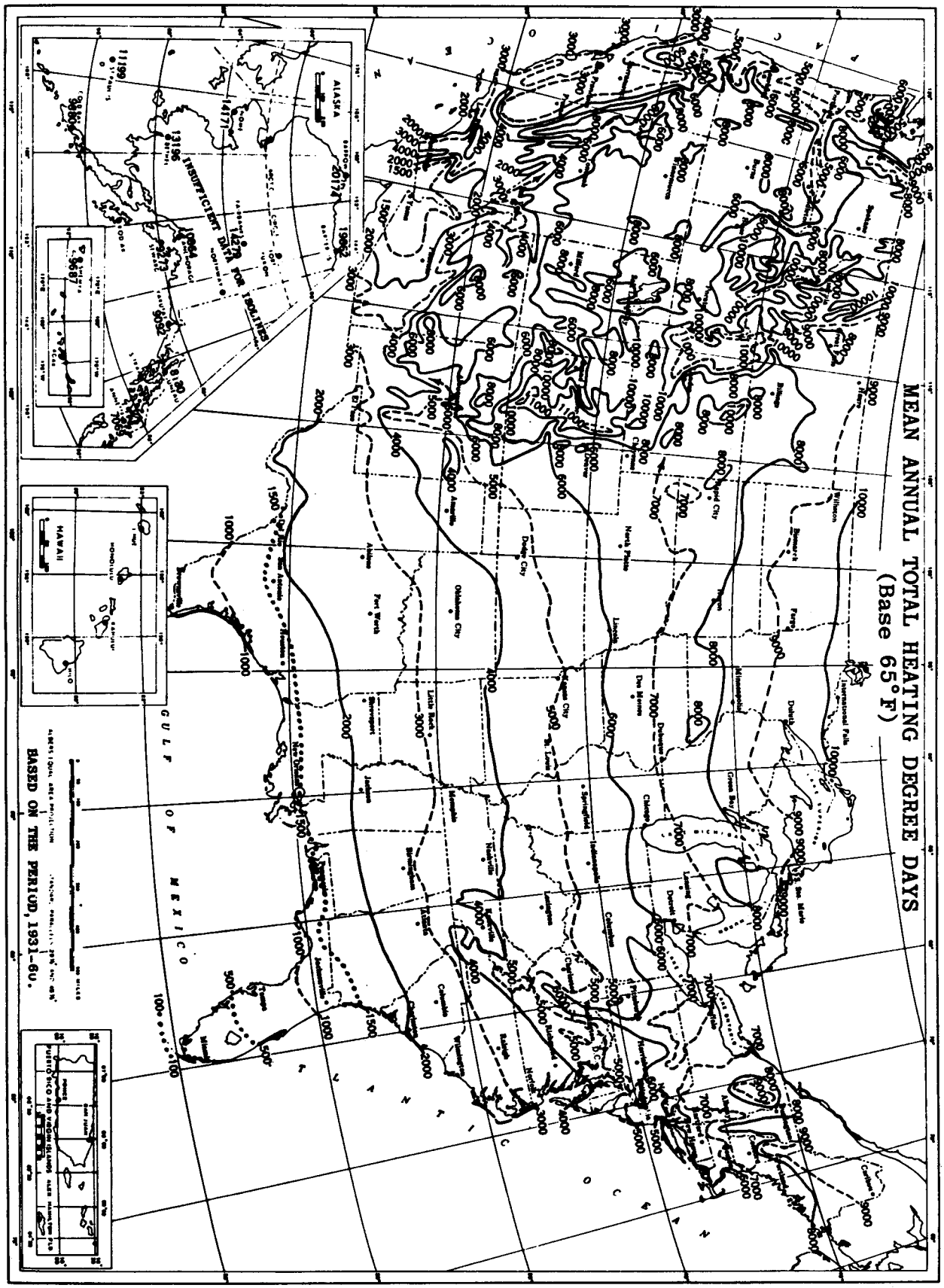
STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE DEC. 1	PCT. NORMAL SINCE DEC. 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
DAYTON	47	28	68	19	38	7	.3	-.2	.3	7.6	112	3.7	86	71	47	0	5	1	0
TOLEDO	40	26	51	10	33	6	1.1	.6	.6	8.0	133	4.8	141	89	64	0	5	3	1
YOUNGSTOWN	43	26	60	14	34	8	.1	-.4	.1	4.8	66	1.9	42	82	45	0	5	1	0
OK OKLAHOMA CITY	58	42	65	29	50	8	3.5	3.2	1.2	12.6	398	4.6	230	96	62	0	1	4	3
TULSA	58	42	67	28	50	8	5.3	4.8	3.0	15.4	342	6.9	256	90	67	0	2	4	3
OR ASTORIA	49	37	51	25	43	-1	.7	-1.1	.5	11.1	38	4.6	26	88	72	0	2	3	0
BURNS	38	17	46	6	28	-7	.1	0	.1	1.6	96	.6	75	--	--	0	6	1	0
MEDFORD	58	33	63	27	46	2	T	-.5	T	3.8	43	1.8	35	96	44	0	4	1	0
PENDLETON	46	30	54	10	38	-2	.1	-.2	.1	2.8	63	1.8	67	79	54	0	3	1	0
PORTLAND	53	37	59	24	45	1	.1	-.8	.1	4.4	28	1.8	19	94	62	0	2	3	0
SALEM	53	34	62	23	43	0	.2	-.9	.2	7.4	41	3.7	34	96	61	0	2	1	0
PA ALLENTOWN	52	30	71	20	41	11	T	-.8	T	6.0	63	3.1	53	70	28	0	4	1	0
ERIE	44	28	61	16	36	10	1.2	.6	.8	8.8	118	4.8	114	85	51	0	5	4	1
HARRISBURG	51	34	70	26	43	10	0	-.7	0	6.3	75	3.9	75	69	31	0	4	0	0
PHILADELPHIA	53	28	68	20	41	7	T	-.7	T	6.1	69	4.0	74	85	29	0	6	0	0
PITTSBURGH	47	28	65	17	38	8	.1	-.6	.1	5.8	79	2.8	58	84	44	0	5	1	0
SCRANTON	48	29	69	19	39	11	T	-.5	T	4.5	70	2.2	56	80	37	0	5	2	0
RI PROVIDENCE	48	28	57	22	38	8	T	-.9	T	5.8	50	2.7	38	74	33	0	5	0	0
SC CHARLESTON	66	40	74	28	53	3	T	-.9	T	4.0	43	3.3	55	90	44	0	1	1	0
COLUMBIA	65	34	76	25	49	1	1.1	.1	.7	11.8	106	10.1	133	94	38	0	3	2	1
FLORENCE	64	37	72	27	50	2	.6	-.3	.5	7.6	82	6.7	106	93	32	0	2	2	1
GREENVILLE	61	39	71	28	50	5	.2	-.9	.1	10.0	85	7.7	100	80	34	0	2	2	0
SD ABERDEEN	40	25	47	13	32	15	T	-.2	T	.8	58	.3	30	89	65	0	7	0	0
HURON	43	27	52	19	35	15	T	-.2	T	1.0	66	.5	50	84	53	0	7	0	0
RAPID CITY	50	24	60	17	37	10	T	-.1	T	.9	67	.5	56	72	30	0	7	1	0
SIOUX FALLS	44	25	51	14	34	13	T	-.3	T	1.5	77	.5	42	93	61	0	6	1	0
TN CHATTANOOGA	61	35	72	27	48	5	.4	-.8	.3	9.6	68	7.7	86	86	44	0	3	2	0
KNOXVILLE	57	31	74	23	44	1	.3	-.8	.2	9.5	75	7.0	88	92	52	0	4	2	0
MEMPHIS	64	46	75	36	55	10	2.0	.9	1.7	11.8	91	7.5	93	90	56	0	0	3	1
NASHVILLE	60	38	76	28	49	8	.7	-.4	.4	8.5	68	6.0	78	92	43	0	4	3	0
TX ABILENE	63	47	73	31	55	6	1.1	.9	.5	4.9	185	1.8	100	92	66	0	1	3	1
AMARILLO	60	36	67	22	48	7	.7	.6	.4	2.7	188	1.8	200	90	44	0	2	3	0
AUSTIN	71	57	74	50	64	9	1.0	.4	.7	6.1	105	2.8	76	96	61	0	0	3	1
BEAUMONT	73	54	76	45	64	8	3.0	2.1	3.0	10.5	89	8.6	118	100	68	0	0	1	1
BROWNSVILLE	79	65	83	56	72	8	T	-.4	T	3.5	94	1.7	65	99	67	0	0	0	0
CORPUS CHRISTI	75	59	79	50	67	6	T	-.3	T	4.0	93	3.1	103	97	63	0	0	1	0
DEL RIO	67	57	74	45	62	5	.1	-.2	0	5.2	289	1.2	92	95	63	0	0	2	0
EL PASO	69	40	77	36	54	5	.1	0	.1	2.8	243	1.7	213	74	25	0	0	1	0
FORT WORTH	67	52	73	45	59	10	2.1	1.6	1.7	9.4	192	3.3	103	94	62	0	0	3	1
GALVESTON	62	53	65	46	58	1	3.6	3.0	3.6	10.7	125	8.0	163	98	88	0	0	1	1
HOUSTON	71	52	73	42	61	6	1.2	.4	1.2	8.3	86	5.6	95	94	61	0	0	2	1
LUBBOCK	63	40	75	22	51	8	.2	.1	.2	1.7	137	.6	75	97	53	0	1	3	0
MIDLAND	65	45	75	28	55	6	.1	-.1	0	1.9	138	1.0	111	85	48	0	1	3	0
SAN ANGELO	68	49	74	30	58	8	.3	.1	.1	4.5	231	1.0	77	94	59	0	1	3	0
SAN ANTONIO	70	58	76	50	64	8	1.2	.7	.7	7.6	168	4.2	135	94	64	0	0	4	1
VICTORIA	73	56	78	47	65	8	.2	-.4	.2	8.0	136	4.1	108	98	67	0	0	1	0
WACO	69	53	75	46	61	9	1.4	.9	1.3	7.4	140	2.3	68	93	60	0	0	2	1
WICHITA FALLS	62	46	71	32	54	8	2.2	1.9	1.1	8.4	285	3.4	200	96	65	0	1	3	2
UT BLANDING	51	29	56	20	40	5	0	-.2	0	3.9	113	1.6	76	82	40	0	6	0	0
CEDAR CITY	46	24	59	11	35	0	.5	.3	.5	1.8	92	1.0	77	95	57	0	7	1	0
SALT LAKE CITY	35	20	38	17	27	-8	.5	.1	.4	2.6	68	1.7	71	94	73	0	7	2	0
VT BURLINGTON	36	24	42	16	30	11	.5	.1	.5	5.8	103	2.6	81	83	51	0	5	2	0
VA NORFOLK	57	34	74	23	45	4	T	-.8	T	8.8	91	6.5	102	78	35	0	4	0	0
RICHMOND	60	33	75	22	47	7	0	-.8	0	7.9	86	6.4	110	76	30	0	4	0	0
ROANOKE	60	32	74	24	46	8	T	-.8	T	7.2	86	5.4	100	72	28	0	5	0	0
WA COLVILLE	36	24	40	15	30	-2	.3	0	.3	4.1	70	2.0	57	96	85	0	5	1	0
QUILLAYUTE	48	38	52	29	43	1	2.1	-.9	1.0	21.0	51	7.1	28	100	81	0	2	6	2
SEATTLE-TACOMA	48	38	51	30	43	0	.2	-.8	.2	8.3	52	3.4	35	94	69	0	2	1	0
SPOKANE	37	23	42	12	30	-4	.2	-.1	.2	3.5	56	1.3	34	97	75	0	7	2	0
YAKIMA	45	24	55	17	35	-3	0	-.1	0	1.3	37	.8	38	90	56	0	6	0	0
WV BECKLEY	52	32	72	17	42	9	T	-.8	T	7.5	81	4.1	68	79	37	0	4	2	0
CHARLESTON	56	31	74	20	43	7	.1	-.6	.1	8.9	96	5.2	87	85	32	0	5	2	0
HUNTINGTON	53	32	73	20	43	6	.1	-.7	.1	9.8	113	5.4	98	91	35	0	5	2	0
PARKERSBURG	51	32	70	23	42	8	.2	-.6	.2	6.9	78	3.5	57	92	39	0	5	1	0
WI GREEN BAY	36	21	40	1	28	9	1.7	1.4	1.0	4.9	142	3.2	160	93	67	0	4	3	2
LA CROSSE	38	22	42	5	30	9	.8	.6	.5	4.6	170	2.2	138	91	69	0	5	4	1
MADISON	38	24	40	8	31	9	1.2	.9	.6	5.8	170	3.2	168	92	73	0	4	4	1
MILWAUKEE	37	24	43	12	31	7	.9	.5	.5	8.3	177	4.1	152	91	66	0	4	4	0
WAUSAU	36	22	41	1	29	11	.5	.2	.3	3.5	122	1.3	76	91	66	0	4	3	0
WY CASPER	40	20	47	8	30	2	.3	.2	.2	2.0	140	1.3	130	90	43	0	7	2	0
CHEYENNE	42	19	53	9	30	0	.2	0	.1	1.1	107	.8	114	93	39	0	7	2	0
LANDER	45	23	60	14	34	7	.3	.1	.1	.8	51	.7	70	76	33	0	7	4	0
SHERIDAN	38	18	45	7	28	0	T	-.2	T	1.2	61	.9	64	84	54	0	7	1	0
PR SAN JUAN	83	71	84	70	77	0	.4	-.1	.3	8.0	88	3.3	70	80	55	0	0	4	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

HEATING DEGREE DAY DATA WEEKLY SUMMARY
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA
ASSESSMENT AND INFORMATION SERVICES CENTER-NESDIS-NOAA

LAST DATE OF DATA COLLECTION PERIOD IS 2-23-1985
ACCUMULATIONS ARE FROM JULY 1
** = NORMAL LESS THAN 100 OR RATIO INCALCULABLE

STATE CITY	CALL	WEEK TOTAL	WEEK DEV FROM NORM	WEEK DEV FROM L YR	CUM TOTAL	CUM DEV FROM NORM	CUM DEV FROM L YR	CUM DEV FROM NORM PRCT	CUM DEV FROM L YR PRCT
AL BIRMINGHAM	BHM	67	-59	-26	2235	-27	-229	-1	-9
AL MOBILE	MOB	31	-50	-25	1505	91	-183	6	-11
AL MONTGOMERY	MGM	43	-64	-22	1708	-134	-199	-7	-10
AK ANCHORAGE	ANC	434	111	142	6798	-726	-332	-10	-5
AK BARROW	BRW	614	16	-84	12497	-556	-831	-4	-6
AK FAIRBANKS	FAI	665	196	149	9607	-827	-496	-8	-5
AK JUNEAU	JNU	215	-37	16	5840	-320	0	-5	0
AK KODIAK	ADQ	277	25	-3	5018	-696	-62	-12	-1
AK NOME	OME	547	113	-76	8505	-837	-538	-9	-6
AZ FLAGSTAFF	FLG	211	-25	-27	4969	190	592	4	14
AZ PHOENIX	PHX	31	-32	-21	1011	-151	282	-13	39
AZ PRESCOTT	PRC	140	-35	-50	3396	40	560	1	20
AZ TUCSON	TUS	51	-28	-60	1399	58	175	4	14
AZ WINSLOW	INW	139	-38	-72	3399	-195	129	-5	4
AZ YUMA	YUM	28	-14	-15	818	1	363	0	80
AR FORT SMITH	FSM	92	-58	-41	2845	108	-217	4	-7
AR LITTLE ROCK	LRI	88	-49	-14	2662	159	-168	6	-6
CA BAKERSFIELD	BFL	69	-8	-47	1969	325	464	20	31
CA EUREKA	EKA	119	7	6	2664	-289	528	-10	25
CA FRESNO	FAT	67	-28	-45	2009	8	443	0	28
CA LOS ANGELES	LAX	46	-10	-3	994	9	274	1	38
CA RED BLUFF	RBL	36	-61	-77	2124	163	281	8	15
CA SACRAMENTO	SAC	58	-40	-49	2066	61	473	3	30
CA SAN DIEGO	SAN	50	1	3	766	-51	347	-6	83
CA SAN FRANCISCO	SFO	63	-28	-28	1950	-98	550	-5	39
CA STOCKTON	SCK	71	-26	-48	2258	265	471	13	26
CO DENVER	DEN	192	-21	-40	4619	447	25	11	1
CO GRAND JUNCTION	GJT	172	-36	-59	4037	-220	-62	-5	-2
CO PUEBLO	PUB	183	-17	-30	4245	283	13	7	0
CT BRIDGEPORT	BDR	179	-56	8	3638	-138	-139	-4	-4
CT HARTFORD	BDL	187	-69	11	4312	-111	-58	-3	-1
DE WILMINGTON	ILG	147	-69	-9	3460	-147	-325	-4	-9
DC WASHINGTON	DCA	136	-50	23	3016	-61	-14	-2	0
FL APALACHICOLA	AQQ	43	-31	-10	1141	-27	-173	-2	-13
FL DAYTONA BEACH	DAB	22	-32	5	690	-48	-178	-7	-21
FL FORT MEYER	FMY	2	-26	-3	305	-80	-14	-21	-4
FL JACKSONVILLE	JAX	50	-22	29	1171	-4	-85	0	-7
FL KEY WEST	EYW	0	-7	0	59	-45	-8	-43	-12
FL MIAMI	MIA	5	-8	5	228	49	71	27	45
FL ORLANDO	MCO	16	-24	11	636	70	21	12	3
FL TALLAHASSEE	TLH	25	-56	-15	1222	-138	-220	-10	-15
FL TAMPA	TPA	10	-36	5	585	-39	-31	-6	-5
FL WEST PALM BEACH	PBI	6	-14	6	310	76	82	32	36
GA ATLANTA	ATL	85	-50	-2	2236	-123	-262	-5	-10
GA AUGUSTA	AGS	93	-26	23	1864	-184	-198	-9	-10
GA MACON	MCN	78	-30	14	1821	-28	-42	-2	-2
GA SAVANNAH	SAV	68	-27	35	1484	-91	-69	-6	-4
HI HILO-HAWAII	ITO	0	0	0	0	0	0	**	**
HI HONOLULU-OAHU	HNL	0	0	0	0	0	0	**	**
HI KAHULUI-MAUI	OGG	0	0	0	0	0	0	**	**
HI LIHUE-KAUAI	LIH	0	0	0	1	1	1	**	**
ID BOISE	BOI	237	44	-19	5169	1059	521	26	11
ID LEWISTON	LWS	191	15	14	4355	476	477	12	12
ID POCATELLO	PIH	280	40	-52	5854	899	459	18	9
IL CHICAGO	ORD	219	-44	49	5031	401	76	9	2
IL MOLINE	MLI	198	-70	40	4908	136	95	3	2
IL PEORIA	PIA	184	-73	28	4590	4	26	0	1
IL QUINCY	UIN	170	-71	22	4394	104	45	2	1
IL ROCKFORD	RFD	235	-45	57	5210	172	6	3	0
IL SPRINGFIELD	SPI	176	-62	26	4311	121	-71	3	-2
IN EVANSVILLE	EVV	151	-50	10	3639	59	-51	2	-1
IN FORT WAYNE	FWA	212	-49	52	4357	-192	-96	-4	-2
IN INDIANAPOLIS	IND	177	-59	35	4066	-93	-162	-2	-4
IN SOUTH BEND	SBN	215	-47	70	4460	-85	-149	-2	-3
IA DES MOINES	DSM	201	-70	19	5026	192	49	4	1
IA DUBUQUE	DBQ	230	-64	47	5336	-8	-80	0	-1
IA SIOUX CITY	SUX	204	-76	-32	5143	-2	-92	0	-2
IA WATERLOO	ALO	229	-74	39	5513	6	-83	0	-1
KS CONCORDIA	CNK	195	-32	8	4493	330	26	8	1
KS DODGE CITY	DDC	159	-41	-17	3894	152	-63	4	-2
KS GOODLAND	GLD	170	-54	-74	4549	215	-132	5	-3
KS TOPEKA	TOP	186	-30	28	4227	216	75	5	2
KS WICHITA	ICT	155	-44	-6	3808	180	-234	5	-6
KY BOWLING GREEN	BWG	125	-60	-6	3345	66	-170	2	-5
KY LEXINGTON	LEX	148	-57	12	3607	29	-16	1	0
KY LOUISVILLE	SDF	130	-65	0	3407	4	-131	0	-4
LA ALEXANDRIA	AEX	39	-55	-22	1572	-43	-286	-3	-15
LA BATON ROUGE	BTR	24	-56	-36	1477	75	-217	5	-13
LA LAKE CHARLES	LCH	34	-41	-18	1409	91	-7	7	0
LA NEW ORLEANS	MSY	22	-52	-29	1323	76	-183	6	-12
LA SHREVEPORT	SHV	36	-68	-61	1780	-60	-517	-3	-23
ME CARIBOU	CAR	322	-35	59	6453	-217	86	-3	1
ME PORTLAND	PWM	225	-63	28	4975	-158	148	-3	3
MD BALTIMORE	BWI	129	-77	5	3270	-176	-249	-5	-7
MD SALISBURY	SBY	156	-37	40	3134	-62	317	-2	11
MA BOSTON	BOS	180	-55	10	3956	80	169	2	4
MA CHATHAM	CHH	183	-51	9	3673	-201	-63	-5	-2
MI ALPENA	APN	269	-56	86	5594	-111	-41	-2	-1
MI DETROIT	DTW	223	-44	60	4644	-7	-140	0	-3
MI FLINT	FNT	230	-55	51	4720	-209	-267	-4	-5
MI GRAND RAPIDS	GRR	229	-54	64	4794	-70	-124	-1	-3
MI HOUGHTON LAKE	HTL	259	-64	69	5524	-199	-48	-3	-1
MI LANSING	LAN	231	-54	61	5051	137	-109	3	-2
MI MARQUETTE	MQT	311	-37	88	6535	28	152	0	2
MI MUSKEGON	MKG	225	-56	32	4815	35	-48	1	-1
MI SAULT ST MARIE	SSM	297	-52	67	6325	33	95	1	2
MN ALEXANDRIA	AXN	269	-87	46	6701	110	187	2	3
MN DULUTH	DLH	285	-74	57	6845	-68	262	-1	4
MN INT'L FALLS	INL	329	-60	94	7738	178	455	2	6
MN MINNEAPOLIS	MSP	247	-73	30	5970	142	-9	2	0
MN ROCHESTER	RST	259	-65	20	6063	101	-73	2	-1
MN SAINT CLOUD	STC	257	-88	35	6504	39	89	1	1
MS GREENWOOD	GWO	39	-82	-42	2194	15	-118	1	-5
MS JACKSON	JAN	44	-67	-33	1981	53	-245	3	-11
MS MERIDIAN	MEI	38	-74	-51	1830	-161	-416	-8	-19
MO CAPE GIRARDEAU	CGI	132	-58	9	3511	126	-57	4	-2
MO COLUMBIA	COU	149	-69	3	4096	208	15	5	0
MO KANSAS CITY	MCI	177	-42	7	4336	369	-7	9	0
MO SAINT LOUIS	STL	132	-76	14	3766	45	4	1	0
MO SPRINGFIELD	SGF	131	-61	-5	3620	130	8	4	0
MT BILLINGS	BIL	193	-52	-10	5634	598	803	12	17
MT GLASGOW	GGW	237	-92	49	6921	526	924	8	15
MT GREAT FALLS	GTF	202	-54	-11	6114	745	772	14	14
MT HAVRE	HVR	238	-66	49	6939	757	954	12	16
MT HELENA	HLN	242	-19	-3	6439	742	813	13	14
MT KALISPELL	FCA	295	34	59	6483	638	604	11	10
MT MILES CITY	MLS	237	-49	25	6448	754	982	13	18
MT MISSOULA	MSO	252	4	19	5806	308	108	6	2
NE GRAND ISLAND	GRI	191	-62	-48	4929	147	20	3	0
NE LINCOLN	LNK	200	-57	-10	4845	105	-49	2	-1
NE NORFOLK	OFK	201	-76	-60	5085	-75	-100	-1	-2
NE NORTH PLATTE	LBF	199	-56	-34	5361	381	132	8	3
NE OMAHA	OMA	189	-63	-28	4858	230	-201	5	-4
NE SCOTTSBLUFF	BFF	198	-37	-20	5129	381	255	8	5
NE VALENTINE	VTN	198	-78	-19	5443	193	34	4	1
NV ELY	ELY	230	-17	-57	5581	416	653	8	13
NV LAS VEGAS	LAS	65	-31	-48	2167	166	466	8	27
NV RENO	RNO	173	-14	-39	4186	53	577	1	16
NV WINNEMUCCA	WMC	204	7	-31	5107	704	709	16	16
NH CONCORD	CON	228	-64	32	5054	-199	-70	-4	-1
NJ ATLANTIC CITY	ACY	160	-58	9	3396	-187	-231	-5	-6
NM ALBUQUERQUE	ABQ	127	-45	-55	3583	251	410	8	13
NM CLOVIS	CVS	118	-46	-45	3281	223	263	7	9
NM ROSWELL	ROW	92	-34	-47	2835	325	221	13	8
NY ALBANY	ALB	206	-78	26	4584	-334	-311	-7	-6
NY BINGHAMTON	BGM	216	-76	37	4725	-361	-22	-7	0
NY BUFFALO	BUF	218	-60	56	4637	-52	-26	-1	-1
NY NEW YORK	LGA	149	-68	-1	3257	-223	-196	-6	-6
NY ROCHESTER	ROC	222	-57	53	4428	-231	-133	-5	-3
NY SYRACUSE	SYR	203	-78	30	4712	-16	-187	0	-4
NC ASHEVILLE	AVL	149	-26	10	3173	-5	-53	0	-2
NC CAPE HATTERAS	HAT	115	-18	32	1864	-68	-108	-4	-5
NC CHARLOTTE	CLT	118	-31	21	2550	-29	-118	-1	-4
NC GREENSBORO	GSO	123	-47	9	2874	-66	-174	-2	-6
NC NEW BERN	EWN	115	-17	47	2047	-159	-42	-7	-2
NC RALEIGH DURHAM	RDU	126	-32	28	2669	-26	-100	-1	-4
NC WILMINGTON	ILM	97	-22	34	1692	-241	-278	-12	-14
ND BISMARCK	BIS	242	-96	27	6866	333	550	5	9
ND FARGO	FAR	266	-98	39	6836	92	244	1	4
ND GRAND FORKS	GFK	274	-102	27	7015	-73	372	-1	6
ND WILLISTON	ISN	241	-97	31	7210	571	901	9	14
OH AKRON-CANTON	CAK	210	-47	54	4449	23	200	1	5
OH CLEVELAND	CLE	204	-52	43	4434	82	-25	2	-1
OH COLUMBUS	CMH	199	-39	56	4170	25	-19	1	0
OH CINCINNATI	CVG	159	-63	4	3822	-53	-269	-1	-7
OH DAYTON	DAY	190	-49	40	4332	185	-87	4	-2
OH TOLEDO	TOL	222	-45	56	4707	29	-142	1	-3
OH YOUNGSTOWN	YNG	212	-55	54	4544	-71	20	-2	0
OK OKLAHOMA CITY	OKC	102	-58	-29	3102	206	-56	7	-2
OK TULSA	TUL	104	-56	-22	3043	126	45	4	2
OR ASTORIA	AST	151	7	10	3615	282	349	8	11
OR BURNS	BNS	256	42	-43	5999	1246	313	26	6
OR MEDFORD	MFR	133	-19	-23	3329	12	229	0	7
OR PENDLETON	PDT	186	16	12	4378	621	412	17	10
OR PORTLAND	PDX	138	-9	-3	3269	90	333	3	11
OR SALEM	SLE	151	-1	6	3574	282	640	9	22
PA ALLENTOWN	ABE	165	-78	-1	3851	-328	-310	-8	-7
PA ERIE	ERI	204	-72	51	4267	-329	18	-7	0
PA HARRISBURG	CXY	174	-54	7	3556	-325	-572	-8	-14
PA PHILADELPHIA	PHL	168	-49	8	3469	-122	-206	-3	-6
PA PITTSBURGH	PIT	188	-59	27	4167	-117	-125	-3	-3
PA SCRANTON	AVP	182	-80	15	4179	-330	-162	-7	-4
RI PROVIDENCE	PVD	188	-57	16	3999	-102	177	-2	5
SC CHARLESTON	CHS	83	-22	37	1720	3	107	0	7
SC COLUMBIA	CAE	108	-13	26	2132	41	-115	2	-5
SC FLORENCE	FLO	101	-19	31	2152	126	74	6	4
SC GREENVILLE	GSP	105	-39	7	2465	-41	-273	-2	-10
SD ABERDEEN	ABR	227	-104	22	6352	128	312	2	5
SD HURON	HON	210	-105	2	5813	-78	136	-1	2
SD RAPID CITY	RAP	193	-71	1	5288	182	213	4	4
SD SIOUX FALLS	FSD	214	-94	-31	5663	-84	-107	-1	-2
TN CHATTANOOGA	CHA	116	-38	4	2753	-16	-196	-1	-7
TN KNOXVILLE	TYS	147	-10	35	2995	168	-39	6	-1
TN MEMPHIS	MEM	76	-67	-27	2491	-38	-174	-2	-7
TN NASHVILLE	BNA	113	-52	-6	3001	105	-48	4	-2
TX ABILENE	ABI	70	-41	-38	2397	283	53	13	2
TX AMARILLO	AMA	115	-55	-68	3363	190	-160	6	-5
TX AUSTIN	AUS	15	-66	-58	1520	55	-143	4	-9
TX BROWNSVILLE	BRO	0	-31	-36	659	121	-127	22	-16
TX CORPUS CHRISTI	CRP	6	-41	-44	976	137	-169	16	-15
TX DEL RIO	DRT	20	-44	-44	1464	152	-103	12	-7
TX EL PASO	ELP	74	-35	-67	2356	175	365	8	18
TX FORT WORTH	DFW	43	-61	-61	2145	277	-201	15	-9
TX GALVESTON	GLS	50	-16	-2	1182	149	-46	14	-4
TX HOUSTON	IAH	28	-46	-50	1342	47	-219	4	-14
TX LUBBOCK	LBB	92	-58	-52	2826	92	41	3	1
TX MIDLAND ODESSA	MAF	69	-45	-55	2482	335	141	16	6
TX BEAUMONT	BPT	22	-50	-34	1140	-105	-229	-8	-17
TX SAN ANGELO	SJT	46	-53	-67	2223	325	13	17	1
TX SAN ANTONIO	SAT	14	-60	-66	1450	96	-210	7	-13
TX VICTORIA	VCT	14	-46	-39	1141	66	-173	6	-13
TX WACO	ACT	35	-63	-65	1892	158	-193	9	-9
TX WICHITA FALLS	SPS	73	-56	-58	2662	257	-48	11	-2
UT BLANDING	BLN	184	-31	-54	4382	47	302	1	7
UT CEDAR CITY	CDC	208	0	-71	4339	180	335	4	8
UT SALT LAKE CITY	SLC	262	55	-13	4486	326	350	8	8
VT BURLINGTON	BTV	241	-80	43	5226	-339	58	-6	1
VA LYNCHBURG	LYH	130	-57	7	2939	-293	-301	-9	-9
VA NORFOLK	ORF	136	-28	35	2504	-49	-68	-2	-3
VA RICHMOND	RIC	126	-51	10	2852	-147	-301	-5	-10
VA ROANOKE	ROA	129	-55	24	3023	-204	-216	-6	-7
WA COLVILLE	GS	243	15	18	5625	549	565	11	11
WA QUILLAYUTE	UIL	152	-9	-1	4043	225	266	6	7
WA SEATTLE-TACOMA	SEA	151	0	7	3617	217	400	6	12
WA SPOKANE	GEG	243	24	22	5475	648	718	13	15
WA WALLA WALLA	ALW	160	1	8	4184	694	510	20	14
WA YAKIMA	YKM	212	21	30	5048	694	751	16	17
WV BECKLEY	BKW	160	-63	26	3788	-246	-343	-6	-8
WV CHARLESTON	CRW	148	-50	31	3307	-193	-115	-6	-3
WV HUNTINGTON	HTS	154	-42	41	3494	2	-68	0	-2
WV PARKERSBURG	PKB	162	-48	37	3561	-92	-6	-3	0
WI GREEN BAY	GRB	257	-64	54	5653	-88	-38	-2	-1
WI LACROSSE	LSE	244	-62	53	5718	226	51	4	1
WI MADISON	MSN	236	-65	37	5521	36	-22	1	0
WI MILWAUKEE	MKE	236	-48	69	5083	-4	83	0	2
WI WAUSAU	AUW	251	-82	34	5983	-113	53	-2	1
WY CASPER	CPR	244	-15	-49	5885	655	373	13	7
WY CHEYENNE	CYS	239	-6	-37	5585	701	307	14	6
WY LANDER	LND	214	-51	-112	5816	306	-247	6	-4
WY SHERIDAN	SHR	260	-2	13	6331	892	999	16	19


MEAN ANNUAL TOTAL HEATING DEGREE DAYS
(Base 65°F)
BASED ON THE PERIOD, 1931-60.
ALASKA
HAWAII
INSUFFICIENT DATA FOR ISOLINES
GULF OF MEXICO

National Agricultural Summary

February 18 to 24, 1985

HIGHLIGHTS: Unusual warmth melted snow, leaving most of the wheat unprotected from cold, except in the Northeast, the Northwest, and the northern portion of the Corn Belt States. However, abnormally warm temperatures continued throughout most of the Nation this past week. Wheat was mostly fair to good. Soil moisture was mostly adequate to surplus, but a few States had extremely wet fields. Heavy rains and warm temperatures, melted snow, producing floods in Ohio, Indiana, Iowa, Oklahoma, Missouri, and Wisconsin. Soil moisture continued below normal in Florida. Wet weather hampered fieldwork, but producers in the South had 3 days or less available for fieldwork.

Land preparation progressed rapidly in the West. Farmers entered fields in the South whenever fields were dry enough to support equipment. Tobacco seedbed preparation and seeding progressed rapidly in the Carolinas and in Virginia. Fruit tree pruning gained momentum in the South and continued in the West.

SMALL GRAINS: Most of the Nation's wheat was without snow protection, but warmer-than-normal temperatures kept damage to a minimum. Much of the wheat began greening south of Nebraska's northern border. Wheat was mostly fair to good.

Kansas' wheat was good. Moisture and warm temperatures promoted growth. Snow had virtually vanished from all wheat and other small grains. Wheat began showing signs of green-up in Nebraska. Montana's wheat was mostly fair. Snow cover was poor, but wind damage has been light to moderate.

Wheat was mostly fair to good in the Southeast, except in Florida where small grains continued to slowly recover. Farmers actively applied nitrogen in Southeast. Warm weather and ample moisture improved conditions considerably in the area. Insects began increasing, but populations were relatively small.

Texas' wheat responded to the milder temperatures and moisture. Greening and new growth was prevelant from the High Plains to the Coastal Bend. Topdressing was completed in many areas. Oats, the most severly hurt by the cold weather, continued to slowly recover.

Wheat, barley, and oats' growth was excellent in California. Irrigation and weed controls were applied as needed. Arizona's wheat and barley was good. Most fields were up to stands, and 50 percent of the fields began jointing.

OTHER CROPS: Cotton harvest was virtually completed in Texas. The remaining cotton is not likely to be harvested because of low quality. Land preparation progressed rapidly in California and Arizonia for the 1985 cotton.

Arizona's cotton growers were busy with preplant activities. Seedbed preparation got underway in Arizona's west and central valley. Alfalfa was mostly good. Weed infestation continued to be a problem.

California growers planted safflower. Cotton seedbed preparation and preplant herbicide applications continued. Dry bean land was cultivated in preparation for seeding. Alfalfa weevil activity became noticeable.

Tobacco seedbed preparation and seeding advanced rapidly in the Carolinas and in Virginia. Florida growers actively prepared land for transplanting, which is expected to begin about mid-March. Georgia's tobacco plants were fair.

Land preparation was active in the South as weather premitted. Corn planting got underway in Florida.

FRUIT AND NUTS: Fruit tree pruning picked-up in the South and continued in the West.

Dormant-tree spraying subsided in California's deciduous fruit orchards as many varieties broke dormancy. Early variety apricots and nectarines started blooming in the San Joaquin Valley. Raisin growers applied fertilizer and tied canes to trellis wires. Harvest of citrus and avocados continued in the Desert Valley. Valencia orange harvest got underway. Exterior defects increased cullage for Navel oranges and tangelos. Early almond varieties started blooming and midseason varieties reached the pink-tip stage. Arizona's citrus packing continued at seasonal levels.

Florida's citrus experienced very dry conditions, rain is badly needed. Defoliated trees began putting out new growth. Early-mid orange harvest slowed, but Valencia salvage harvest continued. Picking of grapefruit and Temple oranges was active.

VEGETABLES: Flordia's vegetable shipments continued to decline, down 10 percent from the previous week. Vegetables registering the greatest decline were snap beans, carrots, cucumbers, eggplant, lettuce, and tomatoes. Shipments gained for celery, new crop potatoes, radishes, and strawberries. Other vegetable shipments held steady. Transplanting continued very active. Nearly all vegetables improved from the warm weather, but additional moisture is needed.

Frost caused replanting of sweet corn in California's Coachella Valley. Broccoli harvest decreased in the desert and San Joaquin Valley, but supplies were heavy from the central coast.

Spring lettuce harvest increased in the Palo Verde Valley. Strawberry harvest gained momentum. Growers actively harvested and planted celery on the south coast.

PASTURES AND LIVESTOCK: Warm temperatures relieved much of stress caused by the extreme cold weather. Livestock was rated mostly fair to good. Supplemental feeding eased as pastures began showing new growth. Hay and roughage supplies were adequate. Pressure on stocks eased with pastures beginning to supply additional feed requirements.

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: Temperatures 10° above normal. Rainfall averaged mostly under 1.00 in.

Activities: Routine care of livestock and poultry, maintenance of farm machinery, pruning fruit trees, other general farm chores.

ARIZONA: Sunny, mild 17th through 20th. Cold storm system brought precipitation to most sections 21st, 22nd; snow down to 4,500 ft. Snowfall 1 to 5 in. Central Basins; 5 to 10 in. over Grand Canyon, Mogollon Rim, White Mountains. Light snow over some southeastern localities. Moisture amounts between 0.25 and 1.00 in. over eastern two-thirds, very light extreme west. Average temperatures varied from 1 to 6° above normals.

Iceberg lettuce packing active Yuma area. Larger volumes resulted from increased acreage. Packing expected to start about mid-March in Salt River Valley. Yuma growers packed Leaf lettue, Romaine, Boston lettuce; broccoli, cauliflower. Leaf lettuce, Romaine, Boston lettuce; broccoli, cauliflower, other mixed vegetables harvested in Salt River Valley. Citrus packing continued at seasonal levels. Wheat, barley good condition, most stands established. About 59% of stands jointing. Cotton growers busy with preplant activities. Seedbed preparation underway in west, Central Valley. Alfalfa mostly good condition, weed infestations continued to be problem. Some harvest activity. Pasturing sheep light to moderate.

ARKANSAS: Warm days, cold nights. Temperatures averaged 3 to 11° above normal. Lowest 21°, highest 76°. Rainfall scattered. Heavy rains northwestern section latter part of week. Amounts ranged from 1.15 to 5.88 in.

Wet weather putting some stress on livestock. Wheat, pasture in fair to good condition.

CALIFORNIA: All of sunshine State averaged 3 to 5° above normal, with Central Valley 5° above normal. Rain reported at Eureka, Imperial. Warm, dry pattern expected to continue.

Wheat, barley, oats growth excellent, warm temperatures. Some irrigation, weed control, green-chop. Cotton seedbed preparation, preplant herbicides applied. Sugarbeet ground preparations safflower planted. Alfalfa weevil activity, irrigation, some replanting reported. Field preparation, planting dry beans, corn. Warm weather aided growers with pruning, brush clean-up, herbicide applications in orchards and vineyards. Dormant spraying in deciduous fruit orchards subsiding, many varieties breaking dormancy. Early varieties apricots, nectarines started blooming San Joaquin Valley. Raisin grape growers applied fertilizer, tied canes to trellis wires. Harvest continued citrus, avocados. Desert valley Valencia orange harvest began. Increased gradeouts reported for Navel oranges, tangelos due to exterior defects. Beekeepers placed hives in almond orchards. Early varieties started blooming, mid-varieties reached pink-tip stage. Artichokes fairly light supply. Asparagus cutting very light desert, just starting Delta. Broccoli fairly heavy supply central coast; decreasing desert, San Joaquin Valley. Carrot harvest active desert. Cauliflower light supply central coast. Celery harvest, planting active south coast. Some replanting sweet corn Coachella Valley due to earlier frost. Spring lettuce harvest increased Palo Verde Valley. Digging winter potatoes. Shipping fall potatoes from storage active. Strawberry harvest increasing. Transplanting market tomatoes; seeding processing and market tomatoes San Joaquin, Sacremento Valleys. Foothill, valley rangeland grasses growing with warmer weather, need more moisture to achieve normal growth. Southern area foothill grasses maturing early, poor growth. Sheep grazing alfalfa fields. Calving, lambing active northern districts.

COLORADO: Light rain snow showers in southern areas on 18th, otherwise dry until 23rd. Complex system moved through State on 23rd which brought 2 to 12 in. of snow to mountains, eastern Foothills; 1 to 3 in. across eastern Plains, western valleys. Snow lower elevations accompanied by rain at several locations. Temperatures above normal at all locations with most stations reporting average temperatures of 4 to 7° above normal.

Livestock care, early spring machinery repair, major farming activities.

FLORIDA: Warm with temperatures 4 to 8° above normal. Dissipating front brought rains to Panhandle, Penscola area with amount up to 2.00 on 24th, less than 0.10 in. eastern Panhandle, dry elsewhere except few light showers less than 0.25 in. along mid and lower Atlantic Coast. Breezy east winds prevailed statewide 21st, 22nd; over the Peninsula 23rd, 24th.

Soil moisture mostly short, but adequate some Panhandle counties. Land preparation active across State. Early corn planting underway, expected full swing early March. Tobacco land being prepared. Transplanting to start mid-March. Topdressing small grains active, crop makes slow recovery from freeze. Sugarcane harvest well advanced. Dry topsoils, especially over most of Peninsula, severely limited forage growth. Grazing poor to fair Panhandle, mostly poor Peninsula. Small grain pastures recovering slowly, providing some grazing. Permanent pastures greened slightly by late week many areas. Cattle continue mostly fair condition. Citrus groves dry, rain needed. Many caretakers irrigating. Defoliated trees putting out new foliage. Early-mid orange harvest slowing. Picking of grapefruit, Temples active. Valencia salvage harvest continued. Warm days, mild nights prevailed, vegetable areas. Daytime highs 70's to 80's. Temperatures averaged 50's to 60's at night. Rainfall very light. Winds moderate to strong. Rainfall recent months below average. Irrigation active. Vegetable shipments declined 10% from previous week. Crops registering greatest declines: Snap beans, carrots, cucumbers, eggplant, lettuce, tomatoes. Supplies mostly steady for cabbage, cauliflower, Chinese cabbage, sweet corn, green

peppers, squash. Shipments gained for celery, new crop potatoes, radishes, strawberries. Strawberry volume expected to reach good level early March. Spring seeding, transplanting continue very active. All crops improved from recent warm weather. Volume should return to normal for most crops by late March or early April.

GEORGIA: Temperatures 5 to 10° above normal. Maximum readings in 70's at most locations. Rain 3 days in north; 1 to 2 days central, south. Rain totals mostly under 0.50 in., few amounts over 1.00 in. in north.

Soil moisture mostly adequate to surplus. Main activities land preparation, small grain topdressing. Limited corn planting southwest. Tobacco plants fair condition. Wheat, rye fair. Other small grains poor to mostly fair. Pastures mostly poor to fair. Cattle, hogs fair.

HAWAII: Island weather generally favorable with sunny days, occasional showers. Continued dry weather in a major crop growing area necessitated water restrictions to remain in effect. Chinese cabbage production will be heavy. Head cabbage and head lettuce supplies expected steady. Banana orchards in poor to fair condition. Harvesting light. Papaya production remains low.

IDAHO: Storm track, triggered by an easterly high pressure ridge, crossed State dropping minimal precipitation over most of area. Southeastern counties reported near or slightly above normal amounts. Cool temperatures dominated State, 1 to 12° below normal.

Farm activities limited primarily to livestock care. Lambing, calving progressing well across State. Feed supplies appeared adequate in most areas. Livestock good condition. Spring stream flow expected to be near or slightly above normal levels.

ILLINOIS: Mean temperature 5 to 11° above normal. Heavy rainfall, 1.20 to 3.50 in.; heaviest Central. No snow cover remained, except extreme north less than 4 in.

INDIANA: Temperatures 8 to 12° above normal. Highs upper 40's north, 70° south. Lows in teens north to low 20's south. Flooding a problem. Rainfall 2.90 in. west central to 0.70 in. southeast. High temperatures, heavy rains dissipated heavy snow cover early in week. Widespread flooding caused closing of some highways and evacuations to higher ground late in period.

Activities included snow removal, cutting wood, hauling manure, moving grain, pruning orchards, working on taxes, planning for 1985, caring for livestock, usual shores.

IOWA: Mild, wet week with highs in the 30's and 40's. Heavy precipitation the 20th to 23rd over southeast two-thirds of State. Little precipitation fell over northwest. Snow cover over eastern, south central counties melted. Snow melt plus moderate to heavy rains and ice action caused highstream flows with occasional minor to moderate flooding in south, east areas. In southern half of State ice gone out of most streams; northern part of State some ice action has begun.

Livestock in good condition, being fed hay and supplemental feed. Farm activities limited to caring for livestock, making plans for 1985.

KANSAS: Precipitation averaged a few hundredths northwest, 0.25 to 0.50 in. north central through southwest; 0.75 to 1.25 in. northeast through south central, 3.00 to 5.00 in. southeast. Temperatures averaged 38° north central, 47° southeast, 41 to 44° elsewhere.

Snow cover gone. Wheat good condition. Moisture conditions favorable for wheat pastures, haylands. Spring planting will get underway as fields dry. Absence of storms favored calving, lambing.

KENTUCKY: Temperatures extremely mild. Many locations reached 70's by 23rd. Highest recorded temperature 78° Greenville on 23rd. Series of upper level disturbances brought rainfall beginning, end of week. Temperatures ranged from 6 to 15° above normal. Precipitation widespread totaling from about 0.05 in. to nearly 2.00 in. over west. Ground highly saturated from melting snow, additional rainfall.

Warm temperatures brought first sign of greening. Fields too wet for any activity. Topdressing wheat, preparing tobacco beds, preparing corn ground will be some of earliest activities. Livestock welcomed the milder temperatures, mud and wet conditions a problem.

LOUISIANA: Precipitation amounts ranged from none to 4.88 in. Average temperatures ranged from 5 to 11° above normal. Low 28°, high 79°.

Activities: Routine chores, caring for livestock.

MARYLAND AND DELAWARE: Maryland: Weather for week warm, dry. Temperatures averaged mostly 1 to 3° above normal. Highs varied from mid 20's to mid 60's. Minimum temperatures ranged mid teens in northern and western State, low 20's elsewhere. Precipitation virtually nonexistant with only 2 stations reporting any measurable amount.

Farmers lambing, liming fields, stripping tobacco, winding up 1984 record keeping.

Delaware: Weather warm, dry. Temperatures averaged 3 to 5° above normal. High temperatures in mid 60's central, north; mid 50's south. Low temperatures near 20°. A trace of precipitation reported in some northern areas, none in remainder of State.

Farmers lambing, liming fields, preparing final records for 1984, planning 1985 acreage.

MICHIGAN: Temperatures above normal most areas. Precipitation near normal. Warm temperatures caused rapid snow melt, flooding localized areas.

Farm activities limited to routine chores. Snow cover reduced by warm weather. Livestock in good condition.

MINNESOTA: Shift in wind direction from west to southwest brought warmer temperatures and some precipitation, especially southeast. Temperatures averaged 11 to 13° above normal. Low: -7°, high: 54°. Precipitation averaged 0.27 in. above normal for southeast, 0.07 to 0.18 in. below normal elsewhere. Snowfall averaged zero to a trace for western third of State, south central; 1 to 3 in. elsewhere. Snow depths at week's end averaged 7 to 14 in. for north central, northeast; zero to 1 in. elsewhere.

MISSISSIPPI: Temperatures in State averaged 11° above normal for week. Extremes: 32°, 79°. Approaching cold front brought abundant rainfall, thundershowers to State over weekend. Greatest 24-hour rainfall 4.42 in. at Nathchez on 24th.

Soil moisture rated surplus for week with 2.3 days suitable for fieldwork. Livestock in poor to fair condition. Pasture condition poor. Wheat in fair condition. Hay, feed grains rated short to adequate supply.

MISSOURI: Temperatures rose dramatically, averaging 8° above normal. Rain at end of week brought flooding throughout State. Some rivers crested, others expected to crest later this week. Muddy conditions, livestock care difficult. Warmer weather helpful to livestock.

MONTANA: Precipitation very light confined to west, southwest parts of south central area. Amounts generally less than 0.25 in. Temperatures quite mild over most areas east of Divide, ranged a few degrees above normal in southwest to 13° above in northeast; west of Divide temperatures 1 to 5° below normal.

Winter wheat condition mostly fair. Wind damage light to moderate. Snow cover poor. Livestock condition good. Hay feed supplies short to adequate. Calving, lambing progressing normally. Livestock losses about average.

NEBRASKA: Average temperatures ranged from 8 to 13° above normal statewide. Precipitation light, widespread at end of week. Up to 0.50 in. southeast.

Wheat showing signs of green-up soon.

NEVADA: Weather picture started generally fair with temperatures above normal, very light mountain snow showers extreme eastern sections. Significant weather change midweek when a surge of cold air brought rain, snow to northern, central areas; strong winds south. End of period warming temperatures returned. Temperature for week averaged 2 to 8° above normal. Extremes: 10° and 77° below zero.

Mild weather favored early vegetation growth. Winter grains mostly good condition with ample moisture supplies. Mild weather easy on newborn calves, lambs.

NEW ENGLAND: Temperatures averaged 8 to 14° above normal. Highest on 24th in southern central section; breaking many records. Northern New England's precipitation mostly early, again latter half of week with 0.25 in. or more melted or liquid. Snow confined to extreme northern areas with 20 in. alone Caribou, Maine. Southern areas precipitation as rain latter half of week.

Farm activities included tending livestock, moving potatoes and apples from storage.

NEW JERSEY: Temperatures much above normal, averaging 39° north, 47° south, 46° coastal. Extremes: 5°, 78°. Precipitation much below normal. Only trace amounts of precipitation reported across State.

Fieldwork: Soil moisture supply mostly adequate. Small grain generally good condition. Farm activities: Caring for livestock, machinery repair, ordering supplies, planning spring crops, other winter chores.

NEW MEXICO: Average temperatures for State 1 to 6° above normal. Minimum temperature: 5° Central Valley, highlands. Maximum temperature: 77° southern desert. Precipitation totals for State between none 0.84 in.

Soil moisture supplies adequate. Barley good to excellent - grazing decreased at around 60%. Irrigated wheat good to excellent, dryland good - grazing decreased at around 60%. Lettuce, onions good - some late planting continued. Cattle fair to good - supplemental feeding decreased. Sheep mostly good - shearing started. Range fair to good, mostly fair.

NEW YORK: Mild week except for a series of cool nights during midweek. Weather turned unseasonably warm by end of week. Temperatures in spots averaged 10° above normal. Rainfall heavy from Niagara frontier to western Mohawk Valley, up over Adirondacks. Very light rains in southeast State, Long Island.

Farm activities included tending livestock, routine farm chores.

NORHT CAROLINA: Temperatures averaged 3 to 4° above normal across State. Precipitation ranged from none to 0.75 in. across State.

Soil moisture: 78% adequate, 22% surplus. Days suitable for fieldwork 3.9. Condition: Pasture 19% poor, 60% fair, 21% good. Wheat 4% poor, 56% fair, 40% good. Oats 11% poor, 61% fair, 28% good. Barley 15% poor, 55% fair, 30% good. Rye 11% poor, 57% fair, 32% good. Farm feed supplies: Hay and roughage 3% short, 95% adequate, 23% surplus. Feed grains 2% short, 93% adequate, 5% surplus. Major farm activities: Tobacco plant bed seeding, spring planting preparation, topdressing small grains, general farm maintenance, equipment repair, tending livestock, attending growers' meetings, applying herbicides, orchard pruning.

NORTH DAKOTA: Mild, dry Pacific airmass dominated weather pattern. All districts reported much above normal temperatures, much below normal precipitation. Temperature extremes ranged from 9° below zero to 55° above. Most stations reported trace amounts or no precipitation.

Mild weather reduced snow cover statewide. Most fields now open, exposed to weather. Early snow melt, dry weather led weather analysis to forecast minimal spring flood danger. Warm temperatures a plus for areas where feed supplies tight. Temperatures also beneficial for early calving, lambing.

OHIO: Temperatures remained high, averaging 7 to 11° above normal. Lows from upper 20's to low 30's. Four in. bare soil temperatures averaged around freezing mark, weekend thawing pushed temperatures into 40's or higher. Highs from mid 40's to over 60° except northwest.

Rain on frozen ground, flooding of many creeks and rivers. Standing water remained in many fields. Orchardists busy pruning. Straw dealers, custom balers contracting wheat acreage for straw. Numerous farm meetings across State.

OKLAHOMA: Temperatures averaged 5° above normal north central to 9° above normal central. Precipitation averaged 1.22 in. Panhandle to 4.18 in. northeast.

Extremely wet weather stopped fieldwork. Wheat farmers need dry weather to apply fertilizer, weed herbicides. Additional growth occurred warm temperatures prevailed. Flooding occurred in many low-lying fields, especially northeast section of State. Supplemental feeding remains heavy west, little wheat pasture growth. Wheat, livestock good to fair. Pastures fair condition.

OREGON: Drying out first part of week, midweek returned to familiar pattern of winter rains. Coastal areas received 0.50 in. of

precipitation, Willamette Valley 0.20 in., remainder of State had less than 0.10 in. Temperatures cold in northeast with averages 10° below normal, rest of State had near normal or slightly below normal temperatures.

Soil moisture supplies mostly adequate in east, surplus in west. Many fields in east too wet to work due to snow melt. Small grains beginning to grow, looking good. Some growers still plan winter wheat seedings. Willamette Valley, winter wheat planting continued, field conditions allow. Spring growth slow. Orchard pruning, spraying continued. Normal tree development expected. Livestock in mostly good condition. Calving, lambing continued with some losses during coldest weather. Range, pasture condition vary widely.

PENNSYLVANIA: Frontal system west and north of State produced moderate rain over extreme northwestern areas on 22nd to 24th. Erie received 1.23 in. Widely scattered amounts in northwestern part of State between 0.25 to 0.50 in., elsewhere little or no precipitation. Average statewide temperature 38°, 9° above normal. Record breaking high temperatures over eastern section on 23rd, 24th. Average precipitation statewide 0.14 in., 0.53 in. below normal.

Farming activities: Caring for livestock, hauling manure, normal winter chores.

PUERTO RICO: Island average rainfall 0.54 in., 0.01 in. below normal. Highest weekly total 3.02 in. Highest 24-hour total 1.02 in. Temperature averaged about 77 to 76° on coasts, 71° Interior Division. Mean station temperature ranged from 78 to 63°. Extremes: 50°, 92°.

SOUTH CAROLINA: Temperatures climbed to above normal early week, then soared to near record highs over weekend. Temperatures in 70's 23rd, 24th; a few places reporting in the 80's. Rainfall early in period, some light rain over weekend. Precipitation varied from 0.25 to 1.00 in., except near coast precipitation lighter.

Farmers applying nitrogen to small grains along with routine chores, pruning fruit trees, supplemental livestock feeding, repairing farm machinery and planning farm activities for coming months. Tobacco plant beds virtually all seeded; in generally good condition.

SOUTH DAKOTA: Average temperatures 9 to 16° above normal. Extremes: 5°, 65°. Little if any precipitation during week. Precipitation since January 1 ranged from 1.04 below normal to 0.20 in. above normal across State.

Livestock good condition. Lambing continuing. Major agricultural activities include caring for livestock, attending farm meetings.

TENNESSEE: State under influence of a high pressure system for much of week. Weather unseasonably warm from 21st to 24th. Average temperatures ranged 7 to 10° above normal with highs in 70's common statewide. Precipitation in form of widespread light rains early in week with heavy rains in west on 23rd.

General farm chores, supplemental feeding of livestock main farm activities this week.

TEXAS: Scattered showers along stationary front Central State first of week. Midweek cold front moved across High Plains, reached coast on 23rd. Intense thunderstorms ahead front. Another cold front entered High Plains late on 23rd moved off coast late 24th. Light snow, rain High Plains, 1.00 to 3.00 in. rains eastern half State.

Crops: Cotton harvest completed major producing areas High Plains. Some scattered fields remain; low quality fields may not be harvested. Ginning virtually complete. Small grains responding to recent milder temperatures, scattered showers. New growth, greening reported from High Plains to Coastal Bend. Weather conditions benefitted later planted fields most. Oats hurt worse by cold temperatures, slower to recover. Scattered areas reporting losses. Topdressing nitrogen completed many areas where soil dry enough to enter fields. Insects remain light, populations on rise. Many southern fields weed problems. Statewide condition 79% of normal, compared with 58% last year, current reported conditions 7% excellent, 54% good, 36% fair, 3% poor. Cotton harvested 1984 100%, 1983 100%, average 100%.

Commercial Vegetables: Rio Grande Valley, light supplies broccoli, cabbage, carrots. Some planting spring crops underway between showers. San Antonio-Winter Garden spinach fair to poor condition. Some melon planting underway. Movement most vegetables slow. Eastern State, land preparation continued as ground dries. Planting onions, potatoes continued. High Plains, land preparation continued. Rain showers delayed rapid progress onion, potato planting.

Range and Livestock: Native pastures, small grain pastures responding to warmer temperatures, recent moisture. Wheat pastures providing better grazing High Plains through Central areas. Some oat pastures south grazed out completely. Cool-season weeds provided needed forage ranges, native pastures. Additional rainfall necessary continued progress. Livestock fair to good condition, supplemental feeding. Stockers making good gains. Shearing goats underway Edwards Plateau.

UTAH: Temperatures averaged below normal in north, above normal in south. Light to heavy precipitation throughout State during latter part of week.

Fruit tree pruning continues in south. Calving, lambing increasing.

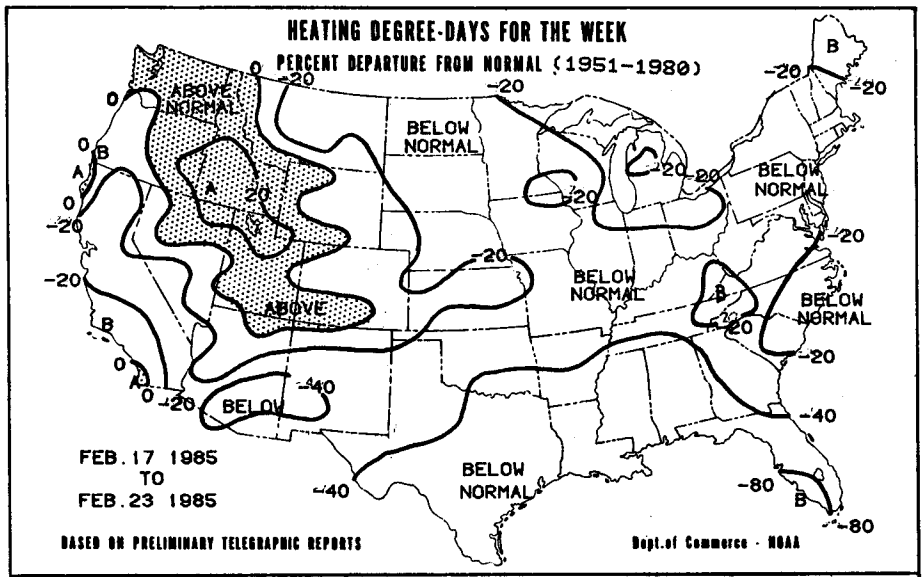
VIRGINIA: Normal temperatures with warm days, cold nights gave way to well above normal temperatures last half of week. Temperatures 30° above normal on 24th. Little or no precipitation.

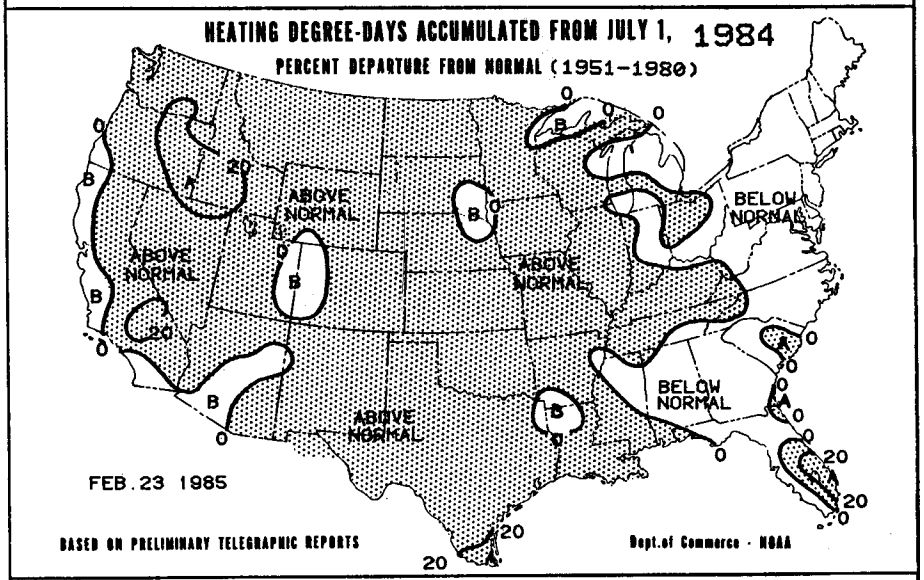
Topsoil moisture ratings: 3% short, 87% adequate, 10% surplus. Days suitable for fieldwork averaged 3.0. Warmer weather stimulated fieldwork activities. Land preparation for spring crops began. Pasture liming, fertilizing, reseeding active. Pasture conditions good to excellent. Topdressing small grains. Small grains good to excellent condition. Scouting grains, some insecticides needed for aphids, no major problem. Seeding, fumigating tobacco plant beds. Marketing dark-fired tobacco continued. Pruning fruit trees. Livestock excellent condition. Calving, lambing active. Many farm meetings during period.

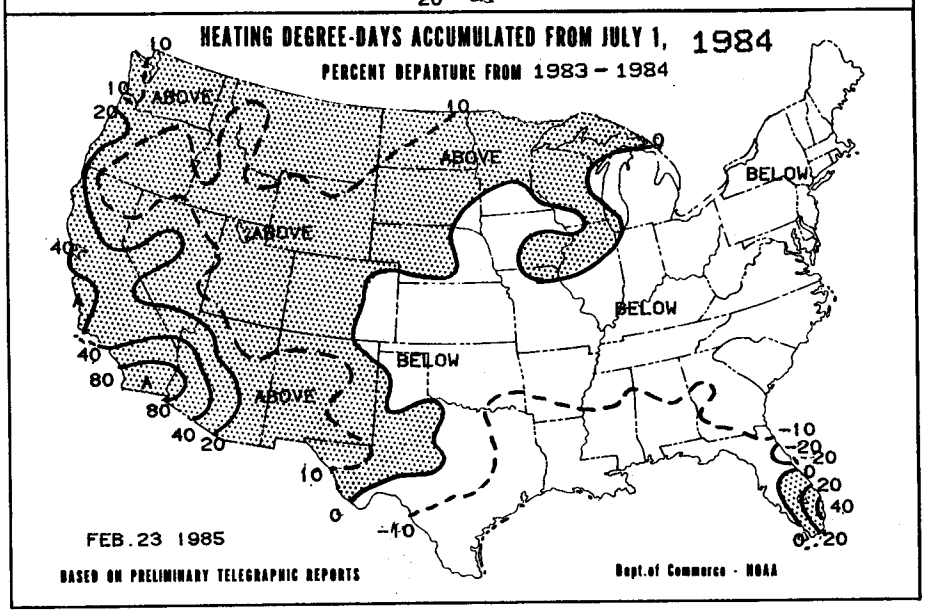
WASHINGTON: Precipitation patterns more normal this week than in past several weeks. Rain fell over most western areas while little precipitation reported in Cascades or Central Basin. Large amounts of snow fell on Washington-Idaho Border.

Calving well underway. Hay supplies being depleted rapidly. Snow cover melted on hills, southern slopes in wheat growing regions. No major erosion problems noted. Fieldwork remained limited. Berry bushes, trees pruned.

(continued on back cover)

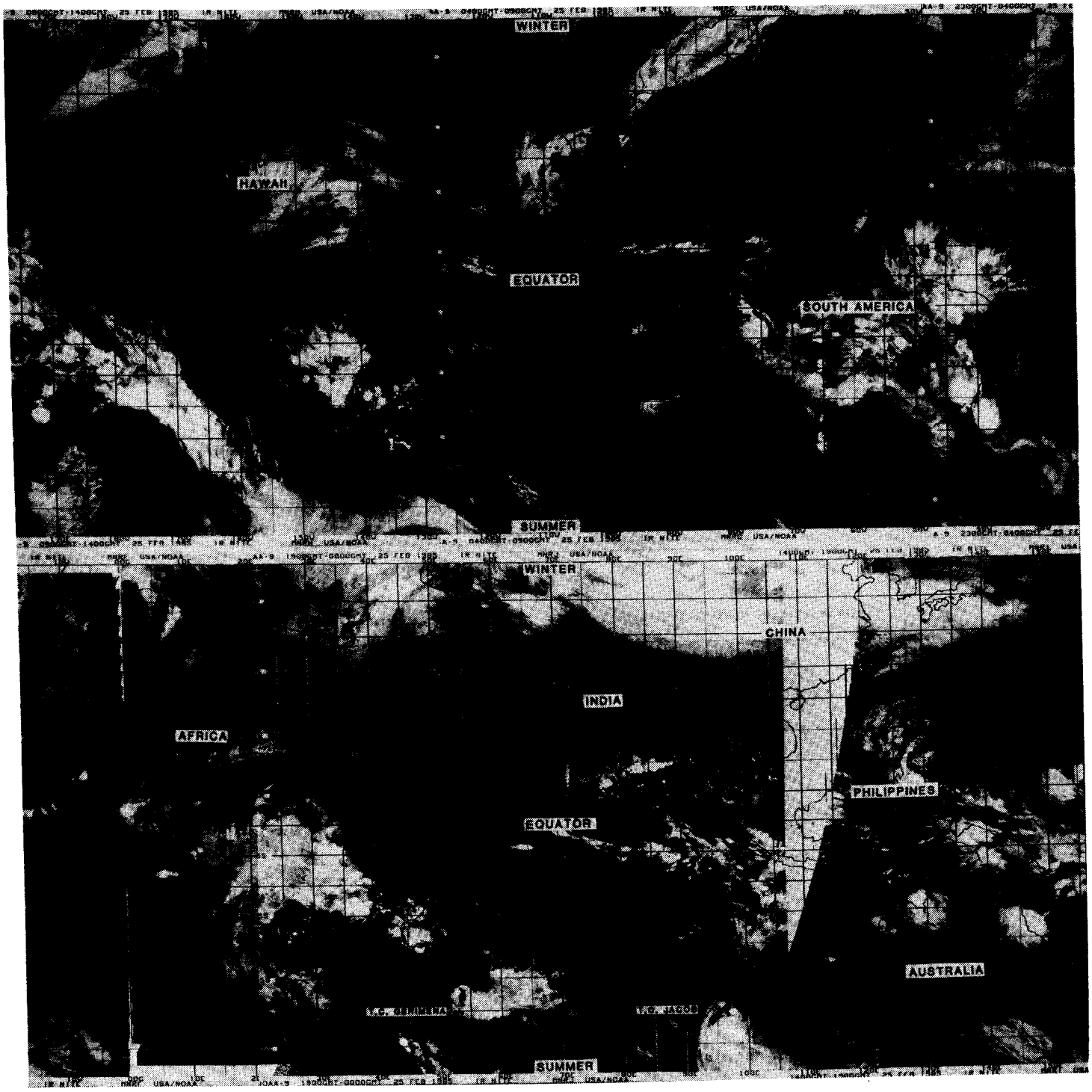

HEATING DEGREE-DAYS FOR THE WEEK
PERCENT DEPARTURE FROM NORMAL (1951-1980)
ABOVE NORMAL
BELOW NORMAL
ABOVE
BELOW
FEB.17 1985
TO
FEB.23 1985
BASED ON PRELIMINARY TELEGRAPHIC REPORTS
Dept.of Commerce - NOAA


HEATING DEGREE-DAYS ACCUMULATED FROM JULY 1, 1984
PERCENT DEPARTURE FROM NORMAL (1951-1980)
ABOVE NORMAL
BELOW NORMAL
FEB.23 1985
BASED ON PRELIMINARY TELEGRAPHIC REPORTS
Dept.of Commerce - NOAA


HEATING DEGREE-DAYS ACCUMULATED FROM JULY 1, 1984
PERCENT DEPARTURE FROM 1983 - 1984
ABOVE
BELOW
FEB.23 1985
BASED ON PRELIMINARY TELEGRAPHIC REPORTS
Dept.of Commerce - NOAA

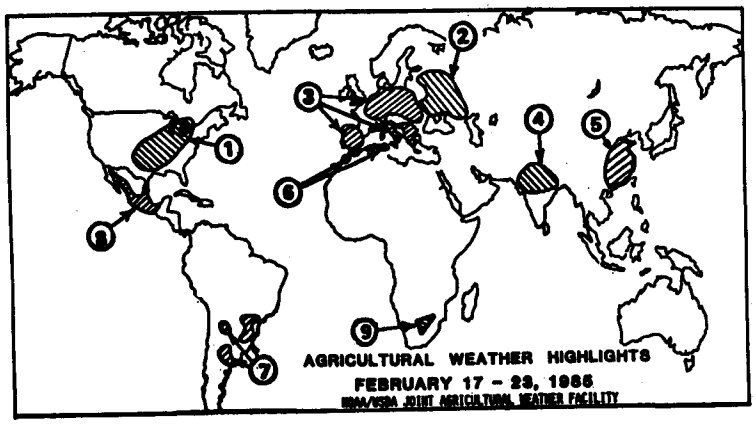
GLOBAL WEATHER SATELLITE PHOTO

February 25 - 26



International Weather and Crop Summary

Feb. 17 - 23



HIGHLIGHTS:

1. UNITED STATES ... Heavy rains from central and southern Plains and into the Corn Belt stops land preparation and fertilization, and floods some wheatlands. Unseasonal warmth melts most protective snow cover over winter wheat, and when combined with heavy rains, overflows streams from Oklahoma to upper New York.

2. WESTERN USSR ... Snow cover continues to protect winter grains from the extreme cold.

3. EUROPE ... Unseasonably cold weather pushes as far south as the Mediterranean, stressing winter grains.

4. SOUTH ASIA ... Dry weather covers most of the wheat, but light to moderate rain benefits northern wheat.

5. EASTERN ASIA ... Cooler weather keeps northern winter wheat dormant but may have burned the new growth in the south. Favorable rain continues in the rice region.

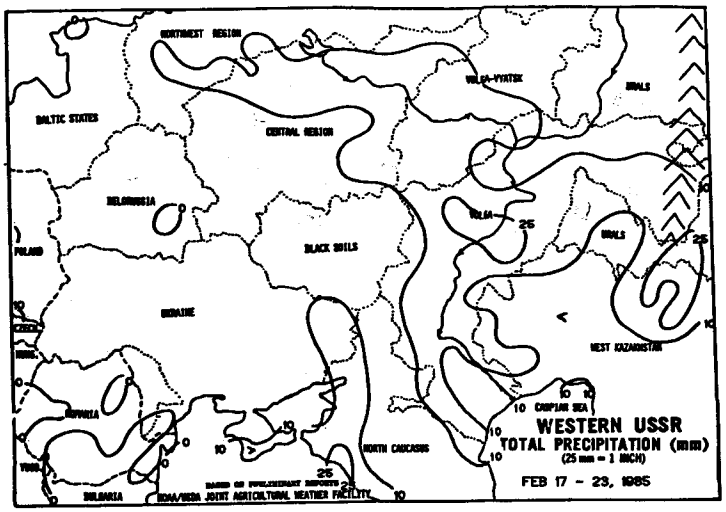
6. NORTHWESTERN AFRICA ... Showers benefit winter grains in the vegetative stage.

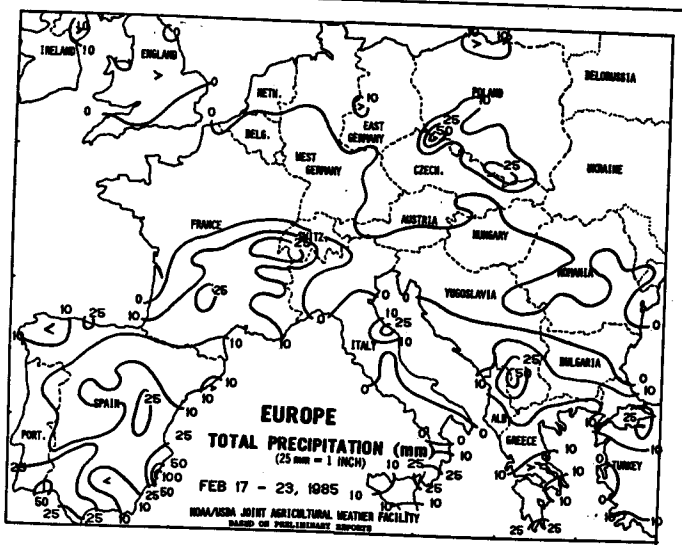
7. SOUTH AMERICA ... Rain aids Brazil's soybeans which are flowering and podding. Showers help some of Argentina's soybeans; but unfavorably dry, hot weather in northern Buenos Aires and southwestern Santa Fe occurs during weather-sensitive growth phases.

8. MEXICO ... Unseasonal warmth over the northeast advances crops.

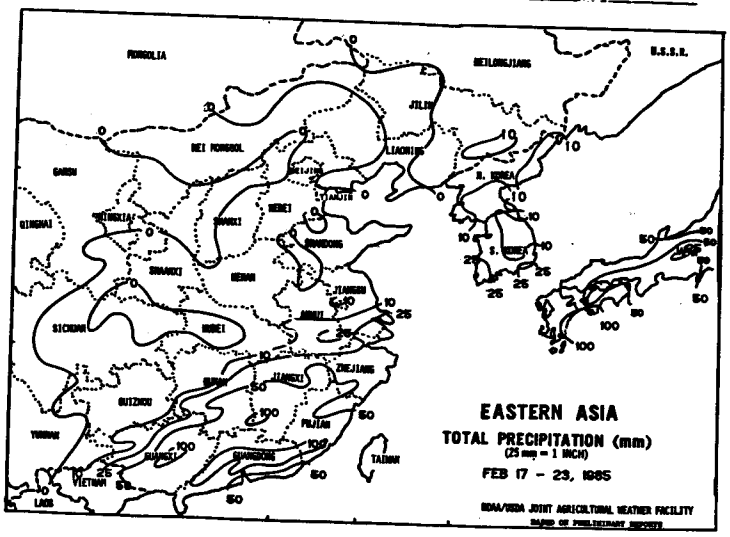
9. SOUTH AFRICA ... Western corn in the late grain-filling stage receives benefical rain. Light rain covers most other corn.

WESTERN USSR...Storms moved through southern winter grain areas, spreading snow over much of the Volga Valley and the North Caucasus. Unseasonably cold air continued to pour into the region from the north. However, snow cover sufficiently protected winter grains from potential cold damage.

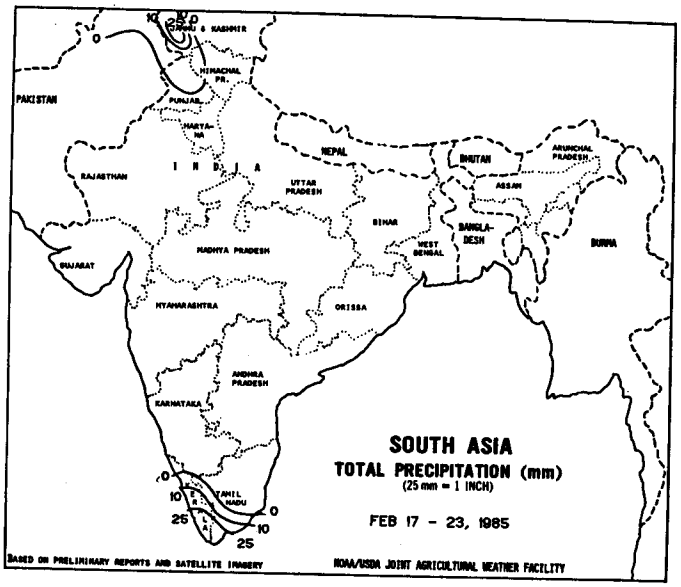




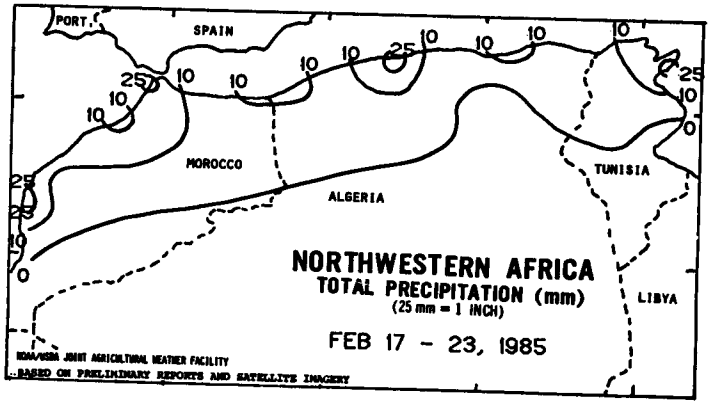
EUROPE...Temperatures in Poland moderated, but the weather became colder for winter grains southeastward from England and northern France, through West Germany and Czechoslovakia, and into Romania and Bulgaria. Minimum temperatures on February 20 were around -10C in England and France and around -20C in remaining winter grain areas. Snow provided some protective cover in the coldest areas. Mediterranean citrus areas also became colder, with lowest temperatures (around 0C), remaining above the threshold for potential damage in central Italy and Greece. Winter grains in Spain received widespread showers (10-25mm), benefiting crops in the vegetative stage.



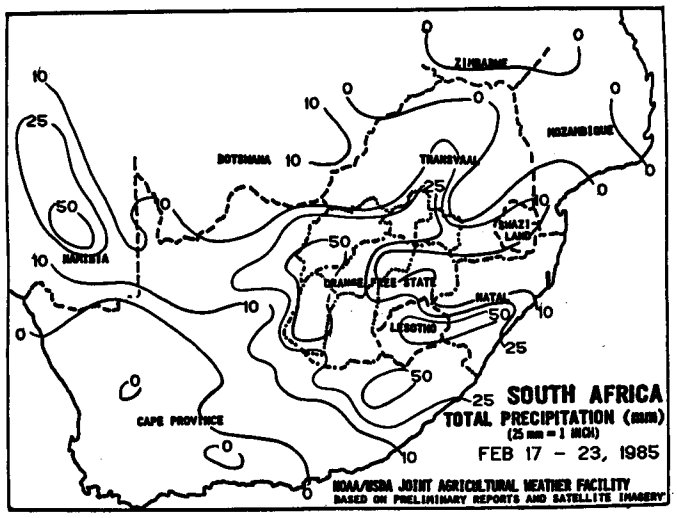
EASTERN ASIA...Cooler temperatures returned to the North China Plain, following February's mild weather. The earlier warmer temperatures reduced cold hardiness in dormant winter wheat, but the recent cold was not severe enough to damage the crop. The coldest temperatures in the winter wheat areas dropped to -12C in Hebei. However, freezing temperatures in the Yangtze Valley may have burned back some new growth of winter wheat. Light precipitation covered nearly all of the North China Plain, where moisture is mostly favorable. Moderate to heavy rain (50-120mm) south of the Yangtze River during the last three weeks greatly improved conditions for rice planting. Early rice planting should be underway in Guangdong.



SOUTH ASIA...Light to moderate rain (1-25mm) fell in northern Pakistan and extended into India. The moisture benefited grain-filling wheat in the north. The remainder of India's wheat region was dry. Wheat in Uttar Pradesh is in the mid to late grain-filling stage. Wheat in southern, minor producing areas is maturing and being harvested. Moderate rain fell on the southern tip of India, but the rest of the south was dry.

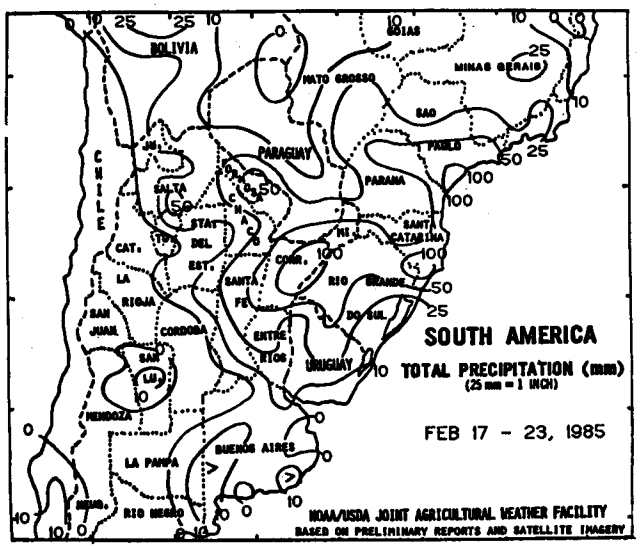


NORTHWESTERN AFRICA...Widespread showers (10-20mm) in Morocco improved the low-moisture levels and benefited vegetative winter grains. Light showers covered winter grains in northwestern Algeria and brought temporary relief from the unfavorable dryness which has persisted through most of the growing season. In northeastern Algeria and northern Tunisia, light, scattered showers maintained adequate moisture for crop growth.



SOUTH AFRICA...Generous rain fell on the previously dry western corn. At mid-week, moderate to heavy rain (25-50mm) benefited grain-filling corn in the western Orange Free State and the West Transvaal. The moisture eased stressful conditions following the below-normal February rainfall. Cooler temperatures accompanied the rain and lowered the evaporative demand. The declining yield potential in the west has stabilized; however, significant damage has already occurred. Light rain (1-10mm) fell on northern and eastern corn, but moisture has been more favorable in recent weeks. Drier weather along the eastern coast was favorable following last week's flooding in the sugar region.

MEXICO...A warming trend over the northeast accelerated spring crop development. Temperatures, averaging 2-4C warmer than usual, favored rapid emergence and growth of corn, grain sorghum, and vegetables. Citrus should be blooming in Veracruz, and almost ready to bloom in Tamaulipas. Seasonal sunny, dry weather in the other major agricultural areas favored crops, especially west coast vegetables and field crops. Light rain dotted parts of the east coast coffee and sugarcane area, interferring slightly the with harvest.



SOUTH AMERICA...Locally heavy showers and thunderstorms (80-120mm) fell over extreme northeastern Argentina and much of Brazil's southern soybean-producing state of Rio Grande do Sul. Some rain fell over nearly all of Brazil's soybeans, aiding late-crop flowering and early-crop podding. The recent timely rains in southern Brazil sufficiently met the high crop-moisture demands. The wetness halted earlier deteriorating yield prospects caused by January's hot, dry weather. In Argentina, showers aided cotton boll development in the north but caused some harvest delays of early maturing sunflowers. Beneficial showers (10-40mm) fell over moisture-limited crop areas of southern Santa Fe, helping the stressed flowering and podding soybeans. However, dryness stressed crops in northern Buenos Aires, as unfavorably hot weather occurred throughout Argentina's summer crop areas. Sufficient crop moisture should still be available in Cordoba where no rain fell this week. The late-planted soybeans are now most affected by persistent hot, dry weather.

The Weekly Weather and Crop Bulletin (ISSN 0043-1974) is published weekly and jointly prepared by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) and the U.S. Department of Agriculture (USDA). Publication began in 1872 as the Weekly Chronicle. It is issued under general authority of the Act of January 12, 1895, (44-USC 213), 53d Congress, 3d Session. NOAA is responsible for managing, printing, and distributing the bulletin. The contents may be reprinted freely, with proper credit.

Annual subscriptions: domestic $25, foreign $33 (in U.S. funds by international money order or check drawn on U.S. bank) payable to U.S. Department of Commerce, NOAA. POSTMASTER: Send address changes to NOAA/USDA, Joint Agricultural Weather Facility, USDA South Building, Room 5844, Washington, D.C. 20250. Order subscriptions from the office and address listed above. Second class postage paid at Washington, D.C., and additional mailing offices.

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Weather Service/Climate Analysis Center
Managing Editor . . . . . Don Haddock
Meteorologists . . . . . Lyle Denny,
Ray McInturff, Jim Williams, Wes Byrd,
and Mark Brusberg

Subscriptions (202) 447-7917 . . Cheryl Caleco

U.S. DEPARTMENT OF AGRICULTURE
Economics Management Staff
Editor . . . . . Mary Maher
Statistical Reporting Service
Agricultural Statistician . . . Clif James
World Agricultural Outlook Board
Agricultural Weather Analysts. . Ray Motha,
Tom Puterbaugh, and Ron Lundine

(continued from p. 14)

WEST VIRGINIA: Temperatures averaged 3° above normal in north central, northwest sections, rest of State averaged nearly 8° above normal. High 74° in Charleston, low 10° in Elkins. Precipitation well below normal, none reported in northeast section.

Soil moisture adequate to surplus. Feed supplies adequate.

WISCONSIN: Week relatively mild, damp. Snow from 1 to 5 in. mainly in north, central areas. However most precipitation in form of rain and drizzle from 20th to 24th. Few thunderstorms night of 20th. Rainfall accumulations up to 2.00 in. High's in the 20's or 30's 18th, 19th; climbed to 30's and 40's remainder of week.

Snow depths decreased by 12 to 24 in. Rain combined with melting snow caused some minor flooding.

WYOMING: Temperatures mostly above normal except northwest. Precipitation below normal except few stations southeast.

Winter wheat mostly good condition. Wind damage light. Livestock mostly good condition. Early calving, lambing, shearing underway. Hay supplies adequate most areas.

NOAA/USDA Joint Agricultural
Weather Facility
Room 5844 USDA South Building
Washington, D.C. 20250

OFFICAL BUSINESS
PENALTY FOR PRIVATE USE, $300

WEEKLY NEWS BULLETIN
SECOND CLASS

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
210