WEEKLY WEATHER AND CROP BULLETIN

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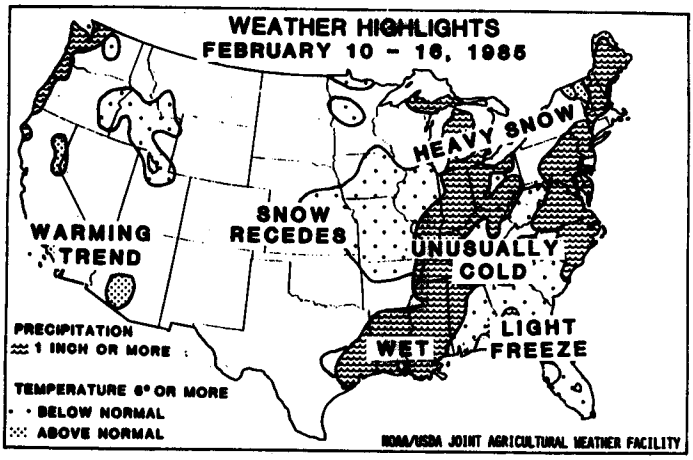
National Weather Summary

February 10-16



HIGHLIGHTS: Snow, blowing snow, or freezing rain plagued the area from Arkansas and Missouri to the Great Lakes, southward to the Tennessee Valley, throughout the Appalachians, and from the mid-Atlantic States northward. Average temperatures were much cooler than normal from the central Mississippi Valley through Florida, and in parts of the West. However, warmer temperatures prevailed over much of the West as the week ended. Snowcover remained heavy from the upper Mississippi Valley through the Great Lakes and Ohio Valley and throughout the Appalachians. Snowcover receded in the eastern Rockies and the Plains.

SUNDAY...Snow, freezing rain, and thunderstorms combined to form the day's precipitation. Snow or freezing rain reached from the central Plains through the Great Lakes, the middle and upper Ohio Valley, and the Tennessee Valley. Showers and thunderstorms resulted in moderate rain from eastern Texas to Alabama and up the Mississippi Valley to Tennessee. An offshore Pacific storm brought rain to the coast of the Pacific Northwest.

MONDAY...Snow fell from Arkansas and Missouri through the Great Lakes region. Freezing rain covered the upper Ohio Valley but changed to all rain as warmer air pushed northward through the East. Rain covered the Southeast and the East Coast States from Florida to Pennsylvania. Afternoon thunderstorms popped up in the Southeast. Rain covered the Northwest Coast, and snow reached inland through Idaho.

TUESDAY...More snow fell in the Ohio Valley, the Tennessee Valley, and the southern Appalachians. Freezing rain covered the mid-Atlantic area and the Northeast before changing to all rain later in the day. Widely scattered snow covered the Northwest and spread into the northern Plains.

WEDNESDAY...Snow and blowing snow covered the upper Mississippi Valley and Great Lakes region. Light snow fell from the central Appalachians northward, while freezing rain changed to rain eastward to the coast. Rainshowers began in the western gulf coast region.

THURSDAY...Cooler air pushed over the East Coast. Freezing temperatures reached into northern Florida for the second day in a row. Little damage was done, but germination of newly replanted vegetables was slowed. Snow and blowing snow continued to cause driving hazards from the central Lakes region to the Ohio Valley and to the Appalachians. Rain pushed into the Northwest, and showers spread over the gulf coast.

FRIDAY...Light snowshowers continued over the eastern Great Lakes and from the central Appalachians northeastward. Freezing temperatures reached to the gulf coast from Mississippi into the Florida Panhandle, and temperatures remained unseasonably cool all day throughout Florida. Strong winds, blowing downslope from the Rockies, melted snow on those eastern slopes and in the Plains.

SATURDAY...Unusually cold weather continued over the Southeast. Early morning freezing temperatures reached to central Florida and most of the Mississippi Delta. Temperatures warmed through the Plains and most of the West. Very little precipitation was recorded over the Nation.

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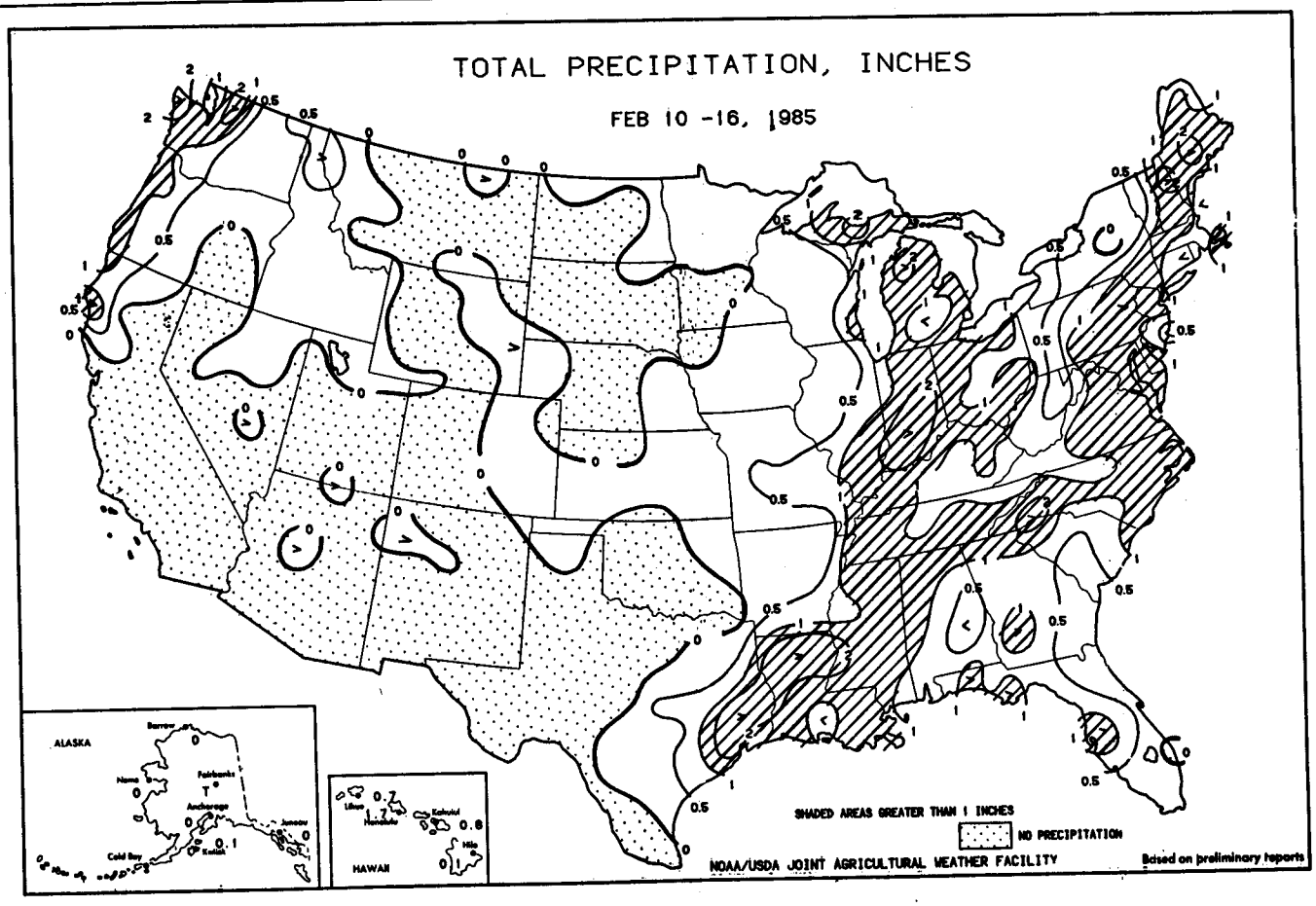
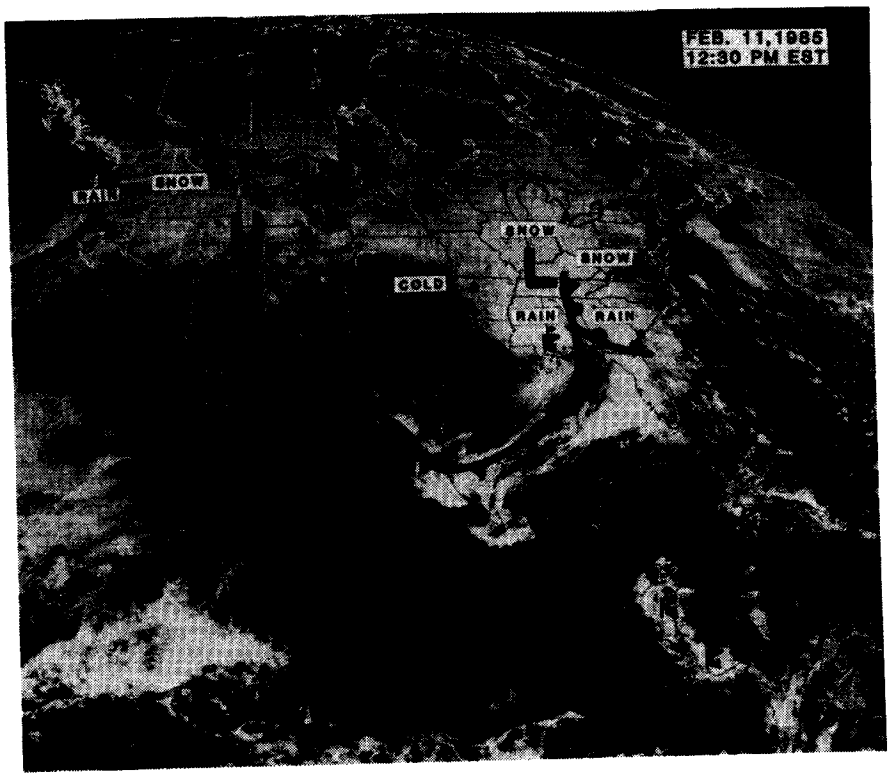




A COLD FRONT, MOVING ACROSS THE SOUTH, TRIGGERS SHOWERS AND THUNDERSTORMS IN THE LOWER MISSISSIPPI VALLEY, SNOW IN THE OHIO AND TENNESSEE VALLEYS, AND FREEZING RAIN IN PARTS OF THE MID-ATLANTIC STATES.

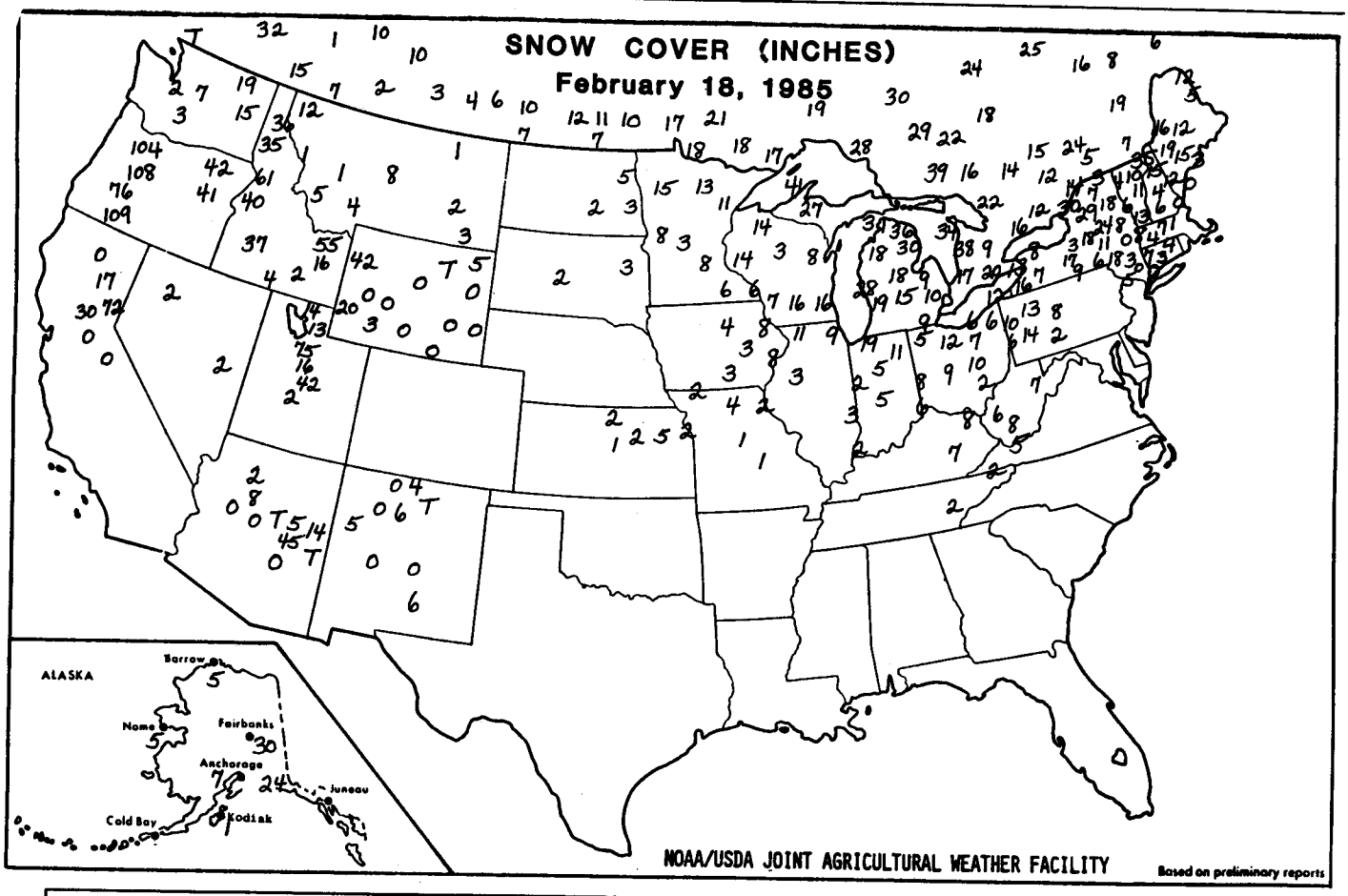
COLD AIR PLUNGES SOUTHWARD THROUGH THE PLAINS BEHIND THE COLD FRONT.

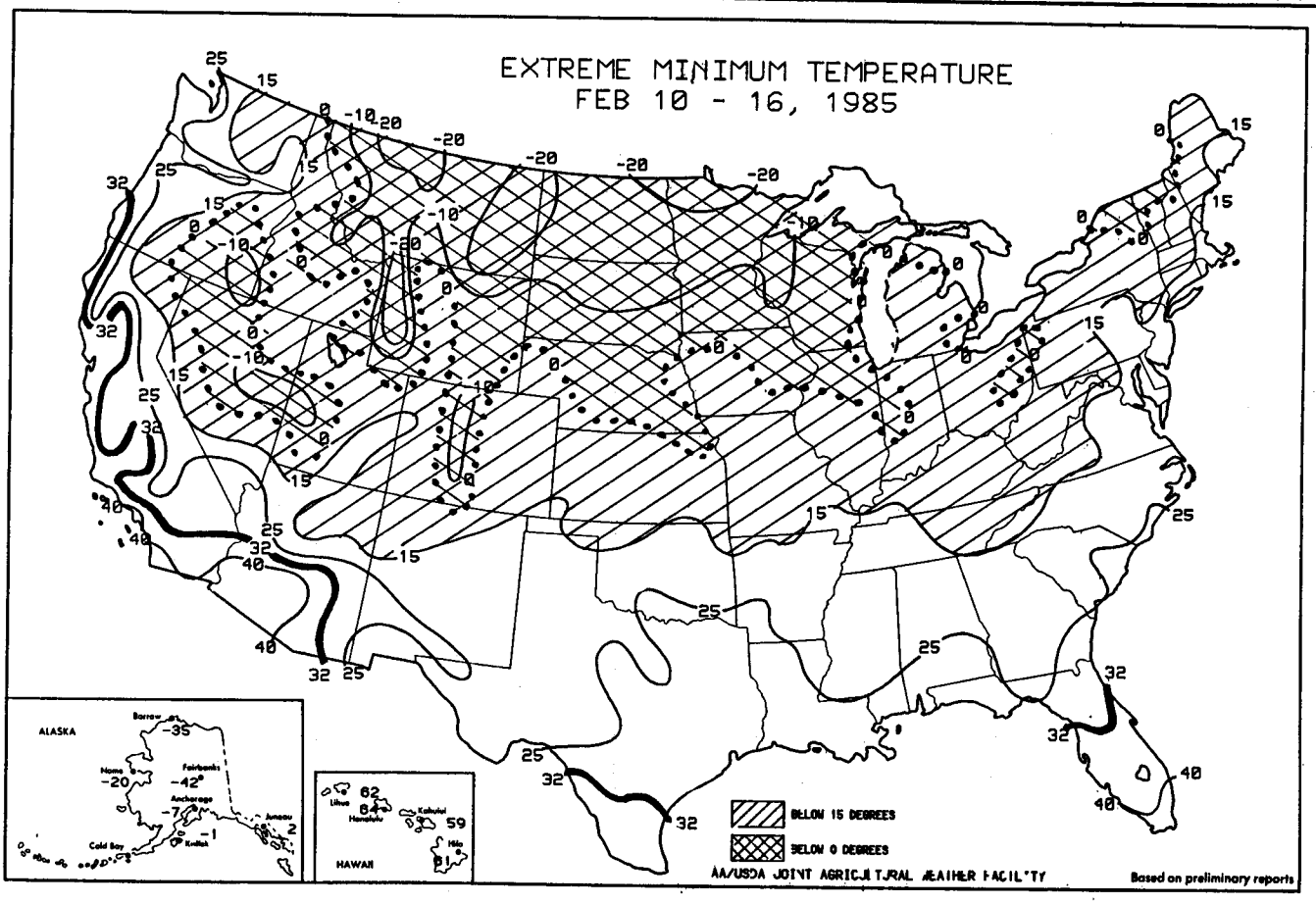
A NEW PACIFIC STORM BRINGS RAIN TO THE NORTHWEST COAST AND SNOW INLAND THROUGH IDAHO AND INTO MONTANA.

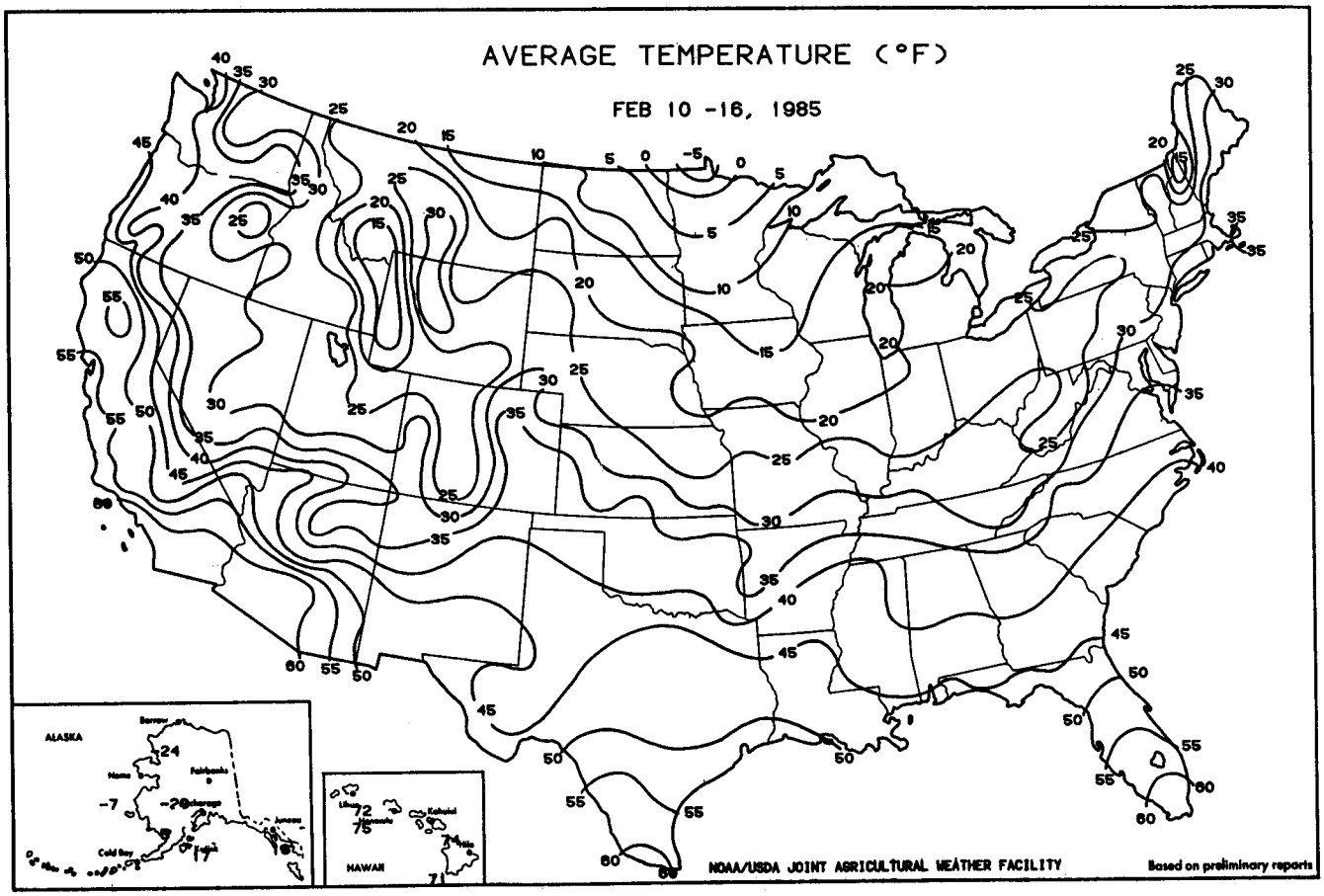
= THUNDERSTORM

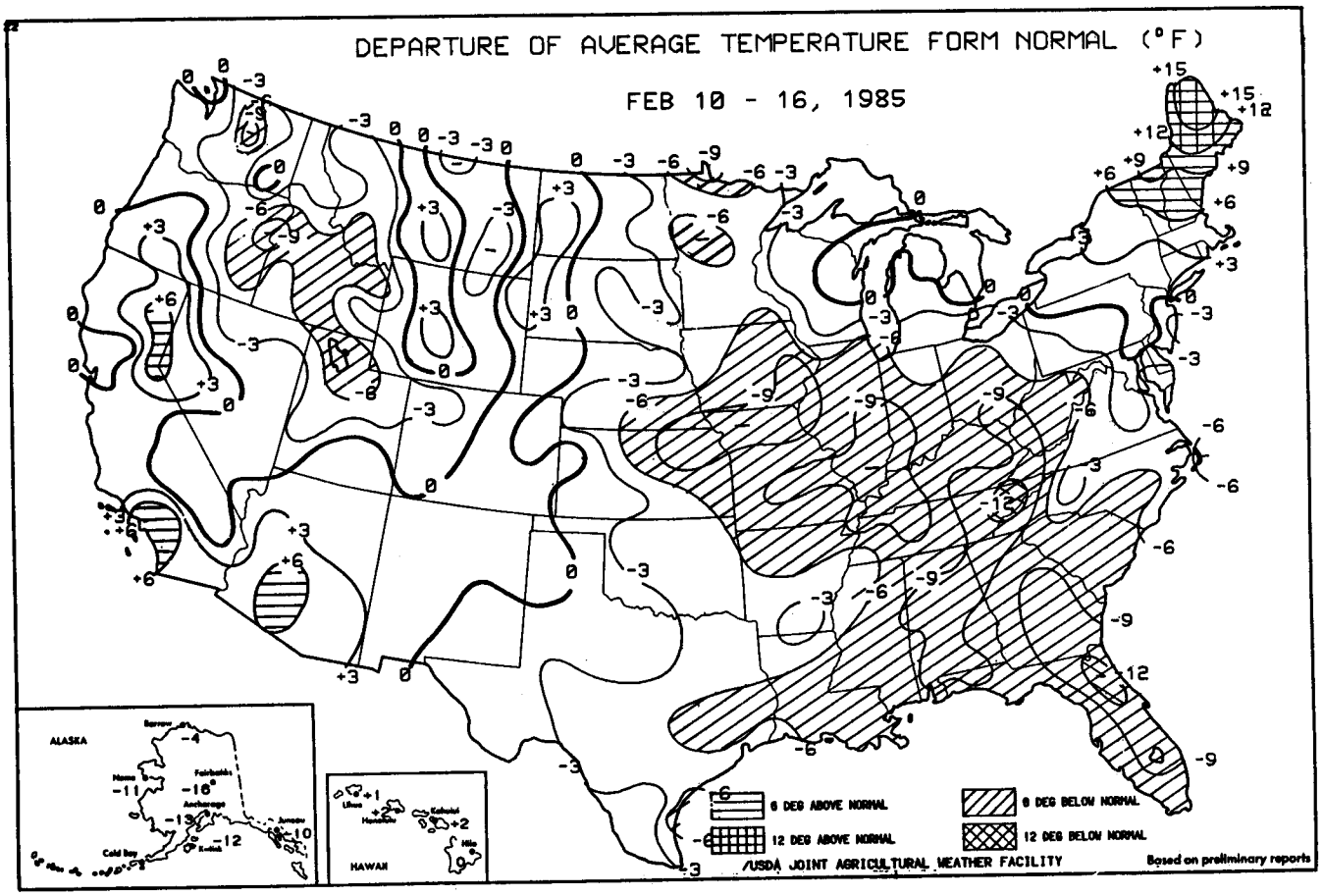
= SHOWER

= FREEZING RAIN


SNOW COVER (INCHES)
February 18, 1985
ALASKA
Barrow
Nome
Fairbanks
Anchorage
Juneau
Cold Bay
Kodiak
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


EXTREME MINIMUM TEMPERATURE
FEB 10 - 16, 1985
ALASKA
HAWAII
BELOW 15 DEGREES
BELOW 0 DEGREES
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


AVERAGE TEMPERATURE (°F)
FEB 10 -16, 1985
ALASKA
HAWAII
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


DEPARTURE OF AVERAGE TEMPERATURE FORM NORMAL (°F)
FEB 10 - 16, 1985
ALASKA
HAWAII
6 DEG ABOVE NORMAL
12 DEG ABOVE NORMAL
6 DEG BELOW NORMAL
12 DEG BELOW NORMAL
/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

Weather Data for the Week Ending February 16, 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	49	24	65	17	37	-9	.9	-.2	.9	9.7	76	7.2	92	84	25	0	7	2	1
MOBILE	57	31	63	26	44	-10	.6	-.7	.6	11.6	92	9.5	132	79	31	0	4	1	1
MONTGOMERY	56	29	66	25	42	-8	.4	-.7	.4	14.0	122	9.4	142	72	29	0	7	1	0
AK ANCHORAGE	13	-3	17	-7	5	-13	T	-.3	T	2.3	94	1.2	86	85	57	0	7	0	0
BARROW	-20	-28	-8	-35	-24	-4	T	-.1	T	.2	36	T	25	67	52	0	7	0	0
FAIRBANKS	-11	-30	-7	-42	-20	-16	T	-.1	T	4.1	261	.8	100	75	62	0	7	2	0
JUNEAU	22	14	36	2	18	-10	T	-.8	T	.9	9	.9	17	84	52	0	7	0	0
KODIAK	22	13	31	-1	17	-12	.1	-1.6	0	20.5	111	15.0	123	72	45	0	7	2	0
NOME	1	-14	13	-20	-7	-11	T	-.1	T	2.2	125	1.1	100	77	52	0	7	0	0
AZ PHOENIX	78	47	82	42	62	7	T	-.1	T	3.9	207	1.0	91	61	13	0	0	0	0
PRESCOTT	59	27	69	18	43	4	.5	.1	.5	5.2	122	2.1	81	80	29	0	7	1	0
TUCSON	75	43	80	37	59	5	0	-.1	0	5.7	266	2.4	200	61	15	0	0	0	0
YUMA	77	52	85	47	64	4	0	-.1	0	1.7	190	T	60	39	16	0	0	0	0
AR FORT SMITH	47	24	63	20	36	-6	T	-.6	T	8.3	140	2.2	69	81	39	0	7	1	0
LITTLE ROCK	49	29	60	23	39	-5	.1	-.9	0	9.2	94	3.6	62	70	44	0	5	2	0
CA BAKERSFIELD	67	38	76	34	53	-1	0	-.3	0	1.7	72	.7	44	91	46	0	0	0	0
EUREKA	57	43	61	34	50	1	.7	-.6	.7	8.8	54	4.2	42	97	73	0	0	2	1
FRESNO	66	38	74	32	52	1	0	-.5	0	3.1	65	1.1	34	89	47	0	1	0	0
LOS ANGELES	77	52	85	43	65	8	0	-.6	0	6.8	109	2.6	57	66	21	0	0	0	0
RED BLUFF	68	41	76	32	55	4	0	-.9	0	3.5	35	1.5	23	80	31	0	1	0	0
SACRAMENTO	64	38	69	34	51	1	0	-.7	0	3.4	39	2.2	38	99	53	0	0	0	0
SAN DIEGO	75	49	84	45	62	4	0	-.4	0	5.8	133	1.2	41	73	25	0	0	0	0
SAN FRANCISCO	61	42	66	35	52	0	0	-.8	0	5.0	49	3.1	47	94	60	0	0	0	0
CO DENVER	47	23	62	13	35	1	.1	-.1	.1	1.3	91	.9	113	76	33	0	7	1	0
GRAND JUNCTION	43	21	51	15	32	-1	0	-.1	0	1.1	74	.7	78	79	38	0	7	0	0
PUEBLO	49	21	73	12	35	-1	.1	0	.1	1.0	146	.7	175	93	44	0	7	1	0
CT BRIDGEPORT	38	27	40	17	32	2	.9	.2	.9	5.2	60	2.8	57	81	57	0	5	1	1
HARTFORD	40	20	46	10	30	3	.7	-.1	.7	4.9	52	2.4	45	82	46	0	7	2	1
DC WASHINGTON	42	25	50	20	34	-3	1.4	.7	1.4	6.2	84	5.0	119	82	42	0	6	1	1
FL APALACHICOLA	58	35	67	32	46	-8	1.1	.1	1.1	7.3	81	6.4	114	77	38	0	1	1	1
DAYTONA BEACH	63	38	75	34	51	-8	.2	-.6	.2	1.5	24	1.3	33	77	30	0	0	2	0
JACKSONVILLE	59	32	68	27	46	-9	.3	-.6	.3	2.1	28	2.0	40	80	29	0	5	1	0
KEY WEST	70	60	78	49	65	-5	.2	-.3	.2	.7	14	.6	21	66	41	0	0	1	0
MIAMI	69	48	76	42	58	-9	T	-.5	T	1.1	22	T	12	72	34	0	0	1	0
ORLANDO	62	41	74	32	51	-10	.5	-.2	.4	2.4	45	2.3	64	92	35	0	1	2	0
TALLAHASSEE	61	29	70	24	45	-8	.5	-.7	.5	6.0	50	4.6	62	87	31	0	5	2	1
TAMPA	63	44	73	38	54	-7	1.3	.5	1.2	4.2	71	4.1	108	82	34	0	0	2	1
WEST PALM BEACH	68	45	76	36	56	-9	T	-.7	T	1.0	16	.9	21	87	35	0	0	0	0
GA ATLANTA	46	26	61	20	36	-8	.6	-.5	.5	11.1	96	7.4	101	69	30	0	7	2	1
AUGUSTA	53	26	65	22	40	-7	.2	-.8	.2	10.1	107	8.9	144	77	30	0	7	1	0
MACON	52	27	61	21	39	-9	.7	-.5	.7	9.6	88	7.6	112	84	33	0	6	1	1
SAVANNAH	55	31	67	25	43	-9	.2	-.6	.2	2.0	26	1.9	40	81	28	0	5	2	0
HI HILO	79	64	81	61	71	0	.1	-3.4	.1	16.3	55	4.8	29	86	60	0	0	1	0
HONOLULU	82	67	83	64	75	2	1.7	1.1	.7	9.3	106	3.9	74	88	57	0	0	3	2
KAHULUI	83	64	86	59	74	2	.8	0	.8	1.9	20	1.5	24	91	57	0	0	2	1
LIHUE	78	66	81	62	72	1	.7	-.2	.4	12.7	91	8.6	102	86	63	0	0	4	0
ID BOISE	37	24	43	13	31	-5	T	-.3	T	1.2	33	.6	26	88	62	0	7	1	0
LEWISTON	44	28	50	20	36	-2	T	-.2	T	1.0	29	T	21	80	49	0	5	1	0
POCATELLO	34	20	40	12	27	-2	.1	-.2	0	1.7	63	1.1	69	86	66	0	7	2	0
IL CHICAGO	23	12	28	0	17	-8	.8	.5	.4	5.6	127	2.6	113	91	68	0	7	4	0
MOLINE	25	11	37	0	18	-7	.3	0	.2	5.0	118	1.5	65	70	54	0	7	4	0
PEORIA	25	12	38	0	19	-8	.3	-.1	.3	5.3	123	1.5	65	87	60	0	7	3	0
QUINCY	27	12	40	1	19	-9	.3	0	.3	5.6	149	1.1	52	84	59	0	7	2	0
ROCKFORD	24	9	31	-2	17	-6	.2	-.1	.1	5.1	129	1.4	67	90	70	0	7	2	0
SPRINGFIELD	29	16	42	5	22	-7	.3	-.2	.3	4.9	108	1.0	40	86	55	0	7	1	0
IN EVANSVILLE	33	17	41	3	25	-9	2.8	2.1	1.8	10.7	133	4.8	104	82	53	0	7	2	2
FORT WAYNE	30	16	40	3	23	-3	1.8	1.4	.9	7.3	131	4.0	125	86	66	0	7	5	1
INDIANAPOLIS	29	15	37	2	22	-7	2.1	1.4	1.0	8.1	116	3.5	88	84	62	0	7	4	2
SOUTH BEND	27	17	33	3	22	-4	1.3	.8	.5	8.6	131	4.1	114	85	64	0	7	6	1
IA DES MOINES	26	9	42	1	17	-7	.2	-.1	.2	3.5	132	1.1	69	78	55	0	7	2	0
SIOUX CITY	30	11	43	0	20	-2	T	-.2	T	1.7	95	T	27	75	43	0	7	0	0
WATERLOO	22	6	38	-7	14	-6	.2	-.1	.1	2.0	81	.7	54	80	59	0	7	2	0
KS CONCORDIA	31	13	41	1	22	-9	.1	-.1	.1	5.1	299	1.5	150	97	68	0	7	1	0
DODGE CITY	46	20	66	8	33	-2	T	-.1	T	3.5	285	1.1	157	90	39	0	7	1	0
GOODLAND	43	20	65	8	32	0	T	-.1	T	1.2	122	.5	100	85	46	0	7	0	0
TOPEKA	34	11	44	-1	22	-10	.3	0	.3	3.4	125	1.1	79	89	58	0	7	3	0
WICHITA	40	20	49	10	30	-5	.1	-.1	.1	5.2	255	.5	45	88	55	0	7	1	0
KY BOWLING GREEN	38	21	48	13	29	-8	.6	-.4	.6	9.1	82	4.0	61	90	56	0	7	2	1
LEXINGTON	33	18	42	9	26	-9	.6	-.2	.4	7.5	82	2.6	49	87	58	0	6	4	0
LOUISVILLE	35	21	44	13	28	-7	1.5	.7	1.0	9.8	114	3.9	76	79	53	0	7	3	1
LA ALEXANDRIA	57	35	68	29	46	-8	1.9	.5	1.8	8.3	65	6.2	79	81	36	0	2	3	1
BATON ROUGE	58	35	67	28	46	-7	1.1	-.2	1.0	9.7	78	6.3	85	82	32	0	2	2	1
LAKE CHARLES	59	36	62	31	48	-6	1.9	.9	1.9	9.9	85	5.8	88	98	44	0	3	1	1
NEW ORLEANS	59	36	68	29	47	-7	1.1	-.2	1.1	12.6	95	10.1	126	75	36	0	3	1	1

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending February 16, 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	57	33	64	27	45	-5	1.8	1.0	1.8	7.7	78	5.1	85	83	32	0	4	1	1
ME CARIBOU	33	21	38	8	27	15	.7	.2	.7	4.7	70	1.9	54	87	64	0	6	3	1
PORTLAND	39	21	46	13	30	8	.7	-.3	.4	5.8	56	2.3	40	85	49	0	7	2	0
MD BALTIMORE	43	26	50	20	35	0	1.3	.6	1.3	6.3	78	4.9	104	79	39	0	6	1	1
SALISBURY	43	24	54	17	33	-3	1.5	.7	1.5	7.3	82	5.4	104	93	47	0	6	1	1
MA BOSTON	40	27	46	21	34	3	.7	-.2	.6	5.7	54	2.7	44	85	53	0	7	2	1
CHATHAM	41	29	47	24	35	4	1.1	0	.9	6.8	58	3.6	54	--	--	0	5	2	1
MI ALPENA	25	10	33	-3	18	0	1.5	1.2	.6	5.3	123	3.1	129	95	69	0	7	6	2
DETROIT	30	14	37	-1	22	-3	1.6	1.2	.6	7.1	134	4.4	157	91	69	0	7	6	2
FLINT	29	16	36	3	23	0	.8	.5	.5	6.7	153	3.0	125	86	69	0	7	4	0
GRAND RAPIDS	25	16	29	8	20	-3	1.0	.7	.6	7.4	142	3.1	115	91	69	0	7	5	1
HOUGHTON LAKE	23	12	29	4	18	0	1.0	.7	.5	5.7	139	2.6	118	87	62	0	7	5	1
LANSING	26	13	34	0	20	-3	.9	.5	.5	6.8	142	3.0	115	92	72	0	7	6	0
MARQUETTE	18	4	25	-11	11	-3	1.8	1.3	.8	7.6	139	4.9	163	96	67	0	7	6	1
MUSKEGON	24	18	29	13	21	-2	1.1	.7	.5	8.4	143	3.8	115	86	73	0	7	7	1
SAULT STE. MARIE	19	6	25	-5	13	-1	1.4	1.0	.5	9.1	158	3.9	122	88	61	0	7	6	0
MN ALEXANDRIA	18	-5	31	-12	7	-5	T	-.1	T	1.9	98	.9	75	88	49	0	7	1	0
DULUTH	19	0	23	-12	9	-2	.2	-.1	.1	2.7	93	.8	47	78	50	0	7	2	0
INT'L FALLS	11	-9	14	-24	1	-6	.1	0	.1	1.9	85	.5	38	88	61	0	7	2	0
MINNEAPOLIS	22	5	34	-7	13	-4	T	-.2	T	3.3	155	1.1	85	81	53	0	7	0	0
ROCHESTER	19	4	32	-10	11	-5	.1	0	.1	2.6	139	.9	82	87	60	0	7	3	0
MS GREENWOOD	52	31	64	25	41	-5	1.0	-.2	.8	5.7	44	4.8	62	97	40	0	6	2	1
JACKSON	54	28	67	21	41	-8	1.6	.5	1.1	9.2	71	7.1	95	91	33	0	6	2	1
MERIDIAN	56	28	69	21	42	-7	1.4	.2	1.3	9.9	75	6.3	84	90	31	0	7	2	1
MO CAPE GIRARDEAU	38	21	44	13	30	--	1.1	.4	.9	10.6	129	3.1	69	92	56	0	6	2	1
COLUMBIA	31	16	43	8	24	-8	.4	-.1	.3	6.5	144	1.8	72	91	62	0	7	2	0
KANSAS CITY	31	12	42	3	21	-10	.3	0	.3	5.2	170	1.6	94	83	58	0	7	2	0
SAINT LOUIS	34	20	47	12	27	-7	.5	0	.5	5.8	115	1.1	39	83	53	0	7	2	0
SPRINGFIELD	36	19	45	10	27	-9	.3	-.2	.2	9.2	177	2.3	85	82	52	0	7	3	0
MT BILLINGS	41	20	56	-11	31	2	0	-.2	0	1.3	59	.5	36	62	34	0	7	0	0
GLASGOW	25	4	43	-19	15	-1	T	-.1	T	.6	57	T	14	89	67	0	7	1	0
GREAT FALLS	39	16	47	-18	28	1	T	-.2	T	1.6	71	.5	33	69	45	0	7	0	0
HAVRE	27	4	43	-24	16	-4	T	-.1	T	.8	57	T	22	85	59	0	7	0	0
HELENA	35	10	47	-13	22	-4	T	-.1	T	.9	58	T	44	78	46	0	7	1	0
KALISPELL	33	6	41	-11	20	-7	.1	-.2	.1	2.1	54	.9	39	87	57	0	7	2	0
MILES CITY	32	7	44	-21	19	-3	0	-.1	0	.7	50	T	22	85	55	0	7	0	0
MISSOULA	38	17	47	6	27	-1	T	-.2	T	1.4	43	.7	37	90	50	0	7	1	0
NE GRAND ISLAND	32	10	45	-2	21	-6	T	-.2	T	1.8	111	T	44	80	42	0	7	1	0
LINCOLN	31	8	46	-3	19	-7	T	-.2	T	3.8	215	T	36	94	57	0	7	1	0
NORFOLK	30	11	44	0	21	-3	T	-.2	T	1.5	96	T	44	78	45	0	7	1	0
NORTH PLATTE	35	10	47	-4	23	-5	0	-.1	0	1.3	120	.6	86	88	51	0	7	0	0
OMAHA	29	10	44	0	19	-6	T	-.2	T	4.9	258	.5	42	81	57	0	7	1	0
SCOTTSBLUFF	45	12	56	3	29	-2	.2	.1	.2	1.2	112	.8	133	77	33	0	7	1	0
VALENTINE	36	10	51	-5	23	-1	0	-.1	0	.7	83	.6	100	77	40	0	7	0	0
NV ELY	47	8	57	-10	27	-1	0	-.1	0	1.6	90	.9	90	85	39	0	7	0	0
LAS VEGAS	64	35	71	29	50	0	0	-.1	0	1.9	167	T	25	57	18	0	1	0	0
RENO	57	26	66	17	42	4	0	-.2	0	1.0	31	.9	50	89	32	0	6	0	0
WINNEMUCCA	47	16	53	-2	32	-4	0	-.2	0	1.6	74	1.3	100	94	47	0	7	0	0
NH CONCORD	39	18	47	5	29	7	1.3	.6	.9	5.2	69	2.6	62	94	54	0	7	2	1
NJ ATLANTIC CITY	41	22	47	17	31	-1	.4	-.5	.4	5.3	60	3.6	68	90	50	0	7	1	0
NM ALBUQUERQUE	54	26	62	19	40	1	T	-.1	T	2.0	179	.6	100	73	23	0	7	1	0
CLOVIS	54	27	65	21	41	0	0	-.1	0	2.8	192	1.5	188	64	29	0	5	0	0
ROSWELL	62	28	70	22	45	-1	0	-.1	0	1.2	172	T	75	71	21	0	6	0	0
NY ALBANY	36	17	45	4	27	4	.1	-.5	.1	4.2	63	1.7	47	89	52	0	7	3	0
BINGHAMTON	30	19	41	13	24	3	.2	-.3	.2	5.5	82	2.4	63	92	56	0	7	3	0
BUFFALO	30	19	41	11	25	1	.9	.4	.4	9.2	118	5.8	132	92	61	0	6	5	0
NEW YORK	38	28	47	21	33	0	.9	.2	.9	5.0	59	2.5	52	77	51	0	5	1	1
ROCHESTER	31	21	38	11	26	2	.4	-.2	.1	7.2	116	4.0	111	76	51	0	6	5	0
SYRACUSE	34	24	42	17	29	6	.1	-.6	0	7.5	103	3.1	76	82	53	0	5	3	0
NC ASHEVILLE	42	19	56	12	30	-8	2.1	1.2	1.8	8.4	94	7.1	131	86	40	0	7	3	1
CHARLOTTE	48	24	55	18	36	-6	.6	-.3	.6	10.3	110	7.9	134	79	32	0	7	2	1
GREENSBORO	46	22	53	16	34	-5	.9	0	.6	8.9	101	7.0	130	78	30	0	7	2	1
HATTERAS	49	30	61	24	39	-6	2.0	.9	2.0	10.1	87	8.6	121	85	43	0	4	1	1
NEW BERN	54	27	59	21	41	-5	1.0	0	1.0	7.8	78	6.5	103	75	35	0	6	1	1
RALEIGH	48	23	54	16	36	-6	1.0	.1	.6	10.4	120	8.0	145	80	30	0	7	2	1
WILMINGTON	56	30	62	25	43	-4	1.3	.5	1.1	7.6	85	6.3	113	96	35	0	6	2	1
ND BISMARCK	24	1	47	-18	12	-2	T	-.1	T	.8	62	T	38	85	52	0	7	0	0
FARGO	14	-6	34	-15	4	-7	T	-.1	T	1.3	94	T	50	76	51	0	7	1	0
GRAND FORKS	16	-8	36	-20	4	-5	T	-.1	T	1.7	97	.5	45	78	50	0	7	0	0
WILLISTON	26	1	45	-25	14	-1	T	-.1	T	.4	31	T	22	81	57	0	7	0	0
OH AKRON-CANTON	31	13	42	2	22	-4	1.2	.7	.5	5.4	84	2.8	76	86	62	0	7	6	0
CINCINNATI	32	18	42	7	25	-7	1.4	.7	.7	7.2	96	3.0	67	86	60	0	6	4	1
CLEVELAND	30	14	38	1	22	-5	1.6	1.0	.7	6.7	104	3.3	89	90	69	0	7	5	1
COLUMBUS	31	14	44	1	22	-7	.8	.3	.4	5.1	78	2.3	58	83	57	0	7	5	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

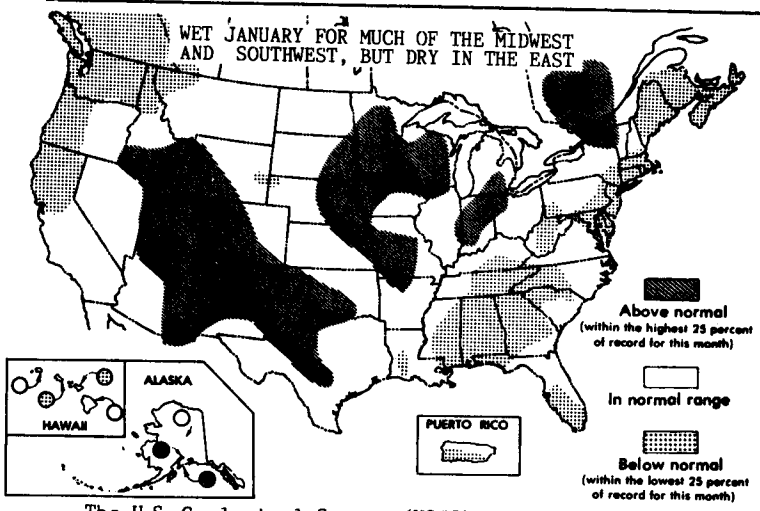
Weather Data for the Week Ending February 16, 1985

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	30	15	39	1	22	-7	1.6	1.1	.5	7.3	117	3.4	92	75	51	0	7	5	1
TOLEDO	28	13	35	2	20	-5	1.6	1.1	1.0	6.9	126	3.7	123	92	70	0	7	5	1
YOUNGSTOWN	30	13	42	-3	22	-4	.9	.4	.3	4.6	69	1.8	46	89	66	0	7	5	0
OK OKLAHOMA CITY	47	26	55	19	36	-4	T	-.3	T	9.1	323	1.1	69	81	43	0	6	0	0
TULSA	46	25	53	19	35	-5	T	-.4	T	10.1	251	1.6	73	79	41	0	7	2	0
OR ASTORIA	51	33	57	28	42	-2	1.4	-.6	.7	10.3	38	3.8	24	88	61	0	4	4	1
BURNS	38	18	44	-1	28	-6	T	-.1	T	1.5	94	.5	71	--	--	0	6	0	0
MEDFORD	53	36	60	23	45	2	.7	.2	.5	3.8	46	1.8	38	98	58	0	2	3	1
PENDLETON	42	30	49	25	36	-3	.1	-.2	.1	2.6	64	1.7	71	81	55	0	5	2	0
PORTLAND	51	34	55	29	42	-1	.6	-.3	.4	4.3	29	1.7	20	97	54	0	3	3	0
SALEM	51	31	58	24	41	-2	1.1	0	.8	7.2	42	3.5	36	97	54	0	3	3	1
PA ALLENTOWN	36	22	46	15	29	1	1.2	.5	1.2	6.0	68	3.1	61	80	49	0	6	2	1
ERIE	31	18	41	6	25	0	.7	.2	.5	7.6	111	3.6	97	94	65	0	6	4	1
HARRISBURG	35	24	44	17	30	-1	1.9	1.2	1.8	6.3	82	3.9	87	74	50	0	6	2	1
PHILADELPHIA	41	24	51	18	33	0	1.0	.3	1.0	6.1	75	4.0	85	79	47	0	6	1	1
PITTSBURGH	33	15	45	0	24	-4	.8	.2	.4	5.7	85	2.8	67	92	58	0	7	5	0
SCRANTON	33	21	43	15	27	1	1.1	.6	1.1	4.5	76	2.2	65	86	57	0	6	2	1
RI PROVIDENCE	41	25	47	18	33	4	.9	0	.9	5.8	55	2.7	44	73	44	0	7	2	1
SC CHARLESTON	55	29	64	25	42	-7	.6	-.2	.6	4.0	48	3.3	65	80	31	0	6	2	1
COLUMBIA	53	24	62	19	39	-8	.4	-.6	.4	10.8	106	9.0	136	80	31	0	7	1	0
FLORENCE	54	27	61	22	40	-7	.6	-.3	.5	7.0	83	6.1	113	87	27	0	7	2	1
GREENVILLE	49	24	58	18	37	-7	1.1	0	1.1	9.7	92	7.5	114	74	29	0	7	2	1
SD ABERDEEN	24	2	39	-15	13	-2	T	-.1	T	.8	65	T	38	77	55	0	7	1	0
HURON	25	7	40	-10	16	-2	T	-.2	T	1.0	77	.5	63	72	48	0	7	0	0
RAPID CITY	42	12	62	-5	27	2	T	-.1	T	.9	73	.5	71	69	30	0	7	0	0
SIOUX FALLS	26	6	41	-5	16	-3	T	-.2	T	1.4	87	T	40	78	52	0	7	0	0
TN CHATTANOOGA	44	22	60	14	33	-9	1.2	0	1.1	9.2	71	7.3	94	83	36	0	7	2	1
KNOXVILLE	40	16	55	5	28	-13	1.0	0	.6	9.2	80	6.7	97	89	48	0	7	2	1
MEMPHIS	47	30	57	22	39	-4	1.5	.4	.9	9.8	83	5.5	79	79	47	0	5	2	2
NASHVILLE	42	23	57	15	32	-7	.9	-.1	.8	7.3	65	4.9	73	79	41	0	6	3	1
TX ABILENE	60	32	72	26	46	-1	T	-.3	T	3.8	155	.7	44	70	27	0	5	0	0
AMARILLO	53	24	69	17	39	-1	T	-.1	T	1.9	150	1.0	125	79	29	0	6	1	0
AUSTIN	64	37	73	29	50	-2	.1	-.6	.1	5.0	99	1.8	58	78	32	0	1	1	0
BEAUMONT	62	41	69	33	52	-3	1.5	.5	1.5	7.6	69	5.6	88	96	41	0	0	1	1
BROWNSVILLE	71	44	76	33	58	-5	T	-.4	T	3.5	105	1.7	77	98	45	0	0	0	0
CORPUS CHRISTI	66	41	74	29	54	-5	.3	-.2	.3	4.0	100	3.1	119	92	39	0	1	1	0
DEL RIO	66	39	73	28	52	-3	T	-.3	T	5.2	325	1.2	109	71	26	0	1	0	0
EL PASO	64	26	73	21	45	-3	0	-.1	0	2.7	261	1.5	214	73	17	0	7	0	0
FORT WORTH	58	32	72	23	45	-3	0	-.5	0	7.3	167	1.3	48	79	33	0	3	0	0
GALVESTON	56	43	62	37	50	-6	1.4	.8	1.4	7.1	89	4.4	100	84	50	0	0	1	1
HOUSTON	61	36	67	28	48	-6	2.2	1.4	2.2	7.0	80	4.4	86	84	37	0	2	2	1
LUBBOCK	58	24	67	20	41	-1	T	-.1	T	1.5	132	T	57	74	24	0	7	0	0
MIDLAND	60	29	72	23	44	-3	0	-.2	0	1.8	147	.9	113	69	24	0	4	0	0
SAN ANGELO	62	31	75	22	46	-3	0	-.2	0	4.3	243	.8	73	73	27	0	5	0	0
SAN ANTONIO	65	35	74	26	50	-4	.2	-.3	.2	6.4	159	3.0	111	82	31	0	3	1	0
VICTORIA	65	41	72	31	53	-3	.5	-.1	.3	7.8	146	3.9	122	89	43	0	1	2	0
WACO	60	33	70	25	46	-4	T	-.5	T	5.9	124	.9	31	76	34	0	3	1	0
WICHITA FALLS	57	29	65	24	43	-2	0	-.3	0	6.2	233	1.2	80	79	35	0	5	0	0
UT BLANDING	47	21	55	10	34	1	0	-.2	0	3.9	121	1.6	84	78	34	0	7	0	0
CEDAR CITY	50	19	60	-1	35	1	0	-.2	0	1.3	77	.6	55	92	44	0	7	0	0
SALT LAKE CITY	33	20	40	10	27	-7	.1	-.2	.1	2.1	61	1.3	62	89	72	0	7	1	0
VT BURLINGTON	33	16	42	-1	25	7	.2	-.2	.2	5.3	101	2.1	75	86	52	0	7	2	0
VA NORFOLK	45	27	56	22	36	-5	1.3	.5	1.3	8.8	100	6.5	116	74	40	0	6	1	1
RICHMOND	48	23	53	18	36	-3	1.3	.5	1.2	7.9	94	6.4	128	81	33	0	7	2	1
ROANOKE	43	21	53	14	32	-6	1.4	.6	.9	7.2	95	5.4	117	67	30	0	7	2	1
WA COLVILLE	37	21	42	13	29	-2	.5	.1	.4	3.8	68	1.7	55	94	77	0	7	2	0
QUILLAYUTE	49	32	54	29	40	-2	2.4	-.6	1.1	18.9	50	5.0	23	100	68	0	5	6	2
SEATTLE-TACOMA	48	35	54	30	41	-2	1.5	.4	.7	8.2	55	3.2	37	92	65	0	1	4	2
SPOKANE	38	22	43	15	30	-3	.2	-.2	.2	3.3	55	1.1	31	94	64	0	7	1	0
YAKIMA	42	21	49	17	32	-4	.1	-.1	.1	1.3	38	.8	42	89	55	0	7	1	0
WV BECKLEY	33	14	46	3	24	-8	.6	-.2	.4	7.5	89	4.0	77	89	50	0	6	3	0
CHARLESTON	38	18	52	7	28	-7	.9	.1	.7	8.8	103	5.1	98	82	48	0	7	5	1
HUNTINGTON	34	17	50	6	25	-10	1.2	.5	.9	9.7	123	5.4	113	92	55	0	7	4	1
PARKERSBURG	34	17	50	6	25	-7	1.2	.4	.8	6.7	83	3.3	62	98	68	0	6	5	1
WI GREEN BAY	24	11	28	-1	18	0	.5	.2	.3	3.2	102	1.5	83	88	60	0	7	6	0
LA CROSSE	22	5	33	-8	14	-6	.3	.1	.2	3.8	152	1.4	100	83	55	0	7	2	0
MADISON	26	10	32	-2	18	-2	.4	.2	.2	4.6	147	2.0	125	82	60	0	7	2	0
MILWAUKEE	24	13	30	4	19	-4	1.0	.7	.6	7.5	171	3.2	139	80	59	0	7	4	1
WAUSAU	23	7	27	-6	15	0	.3	.1	.2	3.1	117	.8	57	80	54	0	7	3	0
WY CASPER	37	15	44	-5	26	-1	.1	-.1	.1	1.7	129	1.0	125	86	48	0	7	2	0
CHEYENNE	40	20	52	10	30	1	T	-.1	T	1.0	104	.6	100	81	42	0	6	1	0
LANDER	44	18	54	6	31	5	0	-.1	0	.5	38	T	50	64	31	0	7	0	0
SHERIDAN	37	8	46	-20	23	-4	T	-.2	T	1.2	66	.8	67	76	46	0	7	0	0
PR SAN JUAN	85	70	87	68	78	1	T	-.5	T	7.3	85	2.6	62	79	51	0	0	2	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 2-16-1985 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	197	63	137	2168	32	-203	1	-9
AL MOBILE	MOB	148	59	113	1474	141	-158	11	-10
AL MONTGOMERY	MGM	158	46	113	1665	-70	-177	-4	-10
AK ANCHORAGE	ANC	419	88	68	6364	-837	-474	-12	-7
AK BARROW	BRW	619	24	-59	11883	-572	-747	-5	-6
AK FAIRBANKS	FAI	593	107	36	8942	-1023	-645	-10	-7
AK JUNEAU	JNU	328	69	131	5625	-283	-16	-5	0
AK KODIAK	ADQ	331	79	70	4741	-721	-49	-13	-1
AK NOME	OME	496	62	-24	7958	-950	-462	-11	-5
AZ FLAGSTAFF	FLG	221	-20	-2	4758	215	619	5	15
AZ PHOENIX	PHX	17	-53	-31	980	-119	303	-11	45
AZ PRESCOTT	PRC	152	-30	-19	3256	75	610	2	23
AZ TUCSON	TUS	41	-43	-44	1348	86	235	7	21
AZ WINSLOW	INW	178	-10	1	3260	-157	201	-5	7
AZ YUMA	YUM	16	-27	-12	790	15	378	2	92
AR FORT SMITH	FSM	203	43	110	2753	166	-176	6	-6
AR LITTLE ROCK	LRI	182	32	117	2574	208	-154	9	-6
CA BAKERSFIELD	BFL	86	1	-26	1900	333	511	21	37
CA EUREKA	EKA	104	-8	5	2545	-296	522	-10	26
CA FRESNO	FAT	90	-12	-20	1942	36	488	2	34
CA LOS ANGELES	LAX	20	-36	-30	948	19	277	2	41
CA RED BLUFF	RBL	70	-32	-70	2088	224	358	12	21
CA SACRAMENTO	SAC	97	-6	-17	2008	101	522	5	35
CA SAN DIEGO	SAN	24	-25	-5	716	-52	344	-7	92
CA SAN FRANCISCO	SFO	91	-1	0	1887	-70	578	-4	44
CA STOCKTON	SCK	103	0	-15	2187	291	519	15	31
CO DENVER	DEN	210	-10	8	4427	468	65	12	1
CO GRAND JUNCTION	GJT	229	7	19	3865	-184	-3	-5	0
CO PUEBLO	PUB	208	0	19	4062	300	43	8	1
CT BRIDGEPORT	BDR	229	-15	54	3459	-82	-147	-2	-4
CT HARTFORD	BDL	244	-22	67	4125	-42	-69	-1	-2
DE WILMINGTON	ILG	213	-14	81	3313	-78	-316	-2	-9
DC WASHINGTON	DCA	219	23	126	2880	-11	-37	0	-1
FL APALACHICOLA	AQQ	131	49	87	1098	4	-163	0	-13
FL DAYTONA BEACH	DAB	99	43	75	668	-16	-183	-2	-22
FL FORT MEYER	FMY	59	29	59	303	-54	-11	-15	-4
FL JACKSONVILLE	JAX	133	55	104	1121	18	-114	2	-9
FL KEY WEST	EYW	16	9	16	59	-38	-8	**	**
FL MIAMI	MIA	47	30	47	223	57	66	34	42
FL ORLANDO	MCO	92	47	87	620	94	10	18	2
FL TALLAHASSEE	TLH	139	55	104	1197	-82	-205	-6	-15
FL TAMPA	TPA	79	30	78	575	-3	-36	-1	-6
FL WEST PALM BEACH	PBI	66	45	66	304	90	76	42	33
GA ATLANTA	ATL	201	57	139	2151	-73	-260	-3	-11
GA AUGUSTA	AGS	174	48	120	1771	-158	-221	-8	-11
GA MACON	MCN	178	63	141	1743	2	-56	0	-3
GA SAVANNAH	SAV	155	57	118	1416	-64	-104	-4	-7
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	240	37	34	4932	1015	540	26	12
ID LEWISTON	LWS	200	15	33	4164	461	463	12	13
ID POCATELLO	PIH	262	13	5	5574	859	511	18	10
IL CHICAGO	ORD	333	56	186	4812	445	27	10	1
IL MOLINE	MLI	327	45	169	4710	206	55	5	1
IL PEORIA	PIA	323	52	183	4406	77	-2	2	0
IL QUINCY	UIN	316	61	179	4224	175	23	4	1
IL ROCKFORD	RFD	337	42	168	4975	217	-51	5	-1
IL SPRINGFIELD	SPI	298	46	162	4135	183	-97	5	-2
IN EVANSVILLE	EVV	277	63	174	3488	109	-61	3	-2
IN FORT WAYNE	FWA	294	18	131	4145	-143	-148	-3	-3
IN INDIANAPOLIS	IND	297	48	165	3889	-34	-197	-1	-5
IN SOUTH BEND	SBN	299	24	156	4245	-38	-219	-1	-5
IA DES MOINES	DSM	332	45	182	4825	262	30	6	1
IA DUBUQUE	DBQ	339	30	159	5106	56	-127	1	-2
IA SIOUX CITY	SUX	311	16	122	4939	74	-60	2	-1
IA WATERLOO	ALO	356	39	170	5284	80	-122	2	-2
KS CONCORDIA	CNK	299	58	169	4298	362	18	9	0
KS DODGE CITY	DDC	222	10	88	3735	193	-46	5	-1
KS GOODLAND	GLD	230	-3	36	4379	269	-58	7	-1
KS TOPEKA	TOP	297	67	164	4041	246	47	6	1
KS WICHITA	ICT	243	31	120	3653	224	-228	7	-6
KY BOWLING GREEN	BWG	248	51	157	3220	126	-164	4	-5
KY LEXINGTON	LEX	274	57	182	3459	86	-28	3	-1
KY LOUISVILLE	SDF	256	49	156	3277	69	-131	2	-4
LA ALEXANDRIA	AEX	129	27	107	1533	12	-264	1	-15
LA BATON ROUGE	BTR	128	42	101	1453	131	-181	10	-11
LA LAKE CHARLES	LCH	121	39	107	1375	132	11	11	1
LA NEW ORLEANS	MSY	123	41	97	1301	128	-154	11	-11
LA SHREVEPORT	SHV	140	31	96	1744	8	-456	0	-21
ME CARIBOU	CAR	265	-104	-2	6131	-182	27	-3	0
ME PORTLAND	PWM	241	-57	34	4750	-95	120	-2	3
MD BALTIMORE	BWI	212	-4	95	3141	-99	-254	-3	-7
MD SALISBURY	SBY	222	20	145	2978	-25	277	-1	10
MA BOSTON	BOS	218	-26	57	3776	135	159	4	4
MA CHATHAM	CHH	211	-27	57	3493	-147	-69	-4	-2
MI ALPENA	APN	331	-2	120	5325	-55	-127	-1	-2
MI DETROIT	DTW	299	21	132	4421	37	-200	1	-4
MI FLINT	FNT	294	-2	116	4490	-154	-318	-3	-7
MI GRAND RAPIDS	GRR	312	19	149	4565	-16	-188	0	-4
MI HOUGHTON LAKE	HTL	329	-4	134	5265	-135	-117	-3	-2
MI LANSING	LAN	317	20	149	4820	191	-170	4	-3
MI MARQUETTE	MQT	377	18	161	6224	65	64	1	1
MI MUSKEGON	MKG	305	14	126	4590	91	-80	2	-2
MI SAULT ST MARIE	SSM	363	3	143	6028	85	28	1	0
MN ALEXANDRIA	AXN	408	35	178	6432	197	141	3	2
MN DULUTH	DLH	388	14	161	6560	6	205	0	3
MN INT'L FALLS	INL	445	38	202	7409	238	361	3	5
MN MINNEAPOLIS	MSP	360	24	153	5723	215	-39	4	-1
MN ROCHESTER	RST	375	36	160	5804	166	-93	3	-2
MN SAINT CLOUD	STC	388	26	172	6247	127	54	2	1
MS GREENWOOD	GWO	165	36	113	2155	97	-76	5	-3
MS JACKSON	JAN	167	48	122	1937	120	-212	7	-10
MS MERIDIAN	MEI	161	45	103	1792	-87	-365	-5	-17
MO CAPE GIRARDEAU	CGI	246	44	162	3379	184	-66	6	-2
MO COLUMBIA	COU	286	56	175	3947	277	12	8	0
MO KANSAS CITY	MCI	303	70	171	4159	411	-14	11	0
MO SAINT LOUIS	STL	268	47	170	3634	121	-10	3	0
MO SPRINGFIELD	SGF	262	58	171	3489	191	13	6	0
MT BILLINGS	BIL	239	-17	38	5441	650	813	14	18
MT GLASGOW	GGW	350	4	151	6684	618	875	10	15
MT GREAT FALLS	GTF	259	-8	70	5912	799	783	16	15
MT HAVRE	HVR	342	23	147	6701	823	905	14	16
MT HELENA	HLN	295	22	79	6197	761	816	14	15
MT KALISPELL	FCA	317	46	109	6188	604	545	11	10
MT MILES CITY	MLS	317	15	129	6211	803	957	15	18
MT MISSOULA	MSO	262	3	48	5554	304	89	6	2
NE GRAND ISLAND	GRI	304	38	141	4738	209	68	5	1
NE LINCOLN	LNK	317	45	157	4645	162	-39	4	-1
NE NORFOLK	OFK	309	17	124	4884	1	-50	0	-1
NE NORTH PLATTE	LBF	294	29	105	5162	437	166	9	3
NE OMAHA	OMA	318	52	145	4669	293	-178	7	-4
NE SCOTTSBLUFF	BFF	254	10	62	4931	418	275	9	6
NE VALENTINE	VTN	296	9	92	5245	271	53	5	1
NV ELY	ELY	262	7	7	5351	433	710	9	15
NV LAS VEGAS	LAS	105	0	-7	2102	197	514	10	32
NV RENO	RNO	164	-29	-30	4013	67	616	2	18
NV WINNEMUCCA	WMC	231	26	11	4903	697	740	17	18
NH CONCORD	CON	253	-51	32	4826	-135	-102	-3	-2
NJ ATLANTIC CITY	ACY	234	7	111	3236	-129	-240	-4	-7
NM ALBUQUERQUE	ABQ	175	-7	16	3856	296	465	9	16
NM CLOVIS	CVS	169	-3	35	3163	269	308	9	11
NM ROSWELL	ROW	138	2	49	2743	359	268	15	11
NY ALBANY	ALB	265	-31	77	4378	-256	-337	-6	-7
NY BINGHAMTON	BGM	284	-19	121	4509	-285	-59	-6	-1
NY BUFFALO	BUF	281	-6	122	4419	8	-82	0	-2
NY NEW YORK	LGA	223	-3	72	3108	-155	-195	-5	-6
NY ROCHESTER	ROC	270	-18	107	4206	-174	-186	-4	-4
NY SYRACUSE	SYR	249	-42	73	4509	62	-217	1	-5
NC ASHEVILLE	AVL	240	55	121	3024	21	-63	1	-2
NC CAPE HATTERAS	HAT	179	39	120	1749	-50	-140	-3	-7
NC CHARLOTTE	CLT	200	42	120	2432	2	-139	0	-5
NC GREENSBORO	GSO	214	35	129	2751	-19	-183	-1	-6
NC NEW BERN	EWN	168	28	116	1932	-142	-89	-7	-4
NC RALEIGH DURHAM	RDU	204	37	133	2543	6	-128	0	-5
NC WILMINGTON	ILM	151	25	94	1595	-219	-312	-12	-16
ND BISMARCK	BIS	366	9	127	6624	429	523	7	9
ND FARGO	FAR	428	45	196	6570	190	205	3	3
ND GRAND FORKS	GFK	421	28	175	6741	29	345	0	5
ND WILLISTON	ISN	357	2	140	6969	668	870	11	14
OH AKRON-CANTON	CAK	297	28	174	4239	70	146	2	4
OH CLEVELAND	CLE	301	33	152	4230	134	-68	3	-2
OH COLUMBUS	CMH	297	46	167	3971	64	-75	2	-2
OH CINCINNATI	CVG	278	44	163	3663	10	-273	0	-7
OH DAYTON	DAY	297	45	162	4142	234	-127	6	-3
OH TOLEDO	TOL	312	34	141	4485	74	-198	2	-4
OH YOUNGSTOWN	YNG	302	24	171	4332	-16	-34	0	-1
OK OKLAHOMA CITY	OKC	199	27	110	3000	264	-27	10	-1
OK TULSA	TUL	206	34	126	2939	182	67	7	2
OR ASTORIA	AST	157	10	20	3464	275	339	9	11
OR BURNS	ABW	257	37	2	5742	1203	355	27	7
OR MEDFORD	MFR	140	-18	-15	3196	31	252	1	9
OR PENDLETON	PDT	200	21	51	4192	605	400	17	11
OR PORTLAND	PDX	156	3	37	3131	99	336	3	12
OR SALEM	SLE	167	11	36	3423	283	634	9	23
PA ALLENTOWN	ABE	250	-5	97	3686	-250	-309	-6	-8
PA ERIE	ERI	281	-4	134	4063	-257	-33	-6	-1
PA HARRISBURG	CXY	253	14	95	3392	-261	-569	-7	-14
PA PHILADELPHIA	PHL	226	-1	98	3301	-73	-214	-2	-6
PA PITTSBURGH	PIT	286	28	161	3979	-58	-152	-1	-4
PA SCRANTON	AVP	263	-8	120	3997	-250	-177	-6	-4
RI PROVIDENCE	PVD	225	-29	58	3811	-45	161	-1	4
SC CHARLESTON	CHS	157	47	119	1637	25	70	2	4
SC COLUMBIA	CAE	183	54	120	2024	54	-141	3	-7
SC FLORENCE	FLO	173	45	121	2051	145	43	8	2
SC GREENVILLE	GSP	197	44	115	2360	-2	-280	0	-11
SD ABERDEEN	ABR	362	13	143	6125	232	290	4	5
SD HURON	HON	341	10	137	5603	27	134	0	2
SD RAPID CITY	RAP	262	-12	80	5095	253	212	5	4
SD SIOUX FALLS	FSD	341	17	131	5449	10	-76	0	-1
TN CHATTANOOGA	CHA	224	60	122	2637	22	-200	1	-7
TN KNOXVILLE	TYS	255	87	159	2848	178	-74	7	-3
TN MEMPHIS	MEM	183	30	132	2415	29	-147	1	-6
TN NASHVILLE	BNA	226	50	151	2888	157	-42	6	-1
TX ABILENE	ABI	131	9	68	2327	324	91	16	4
TX AMARILLO	AMA	183	4	32	3248	245	-92	8	-3
TX AUSTIN	AUS	101	10	83	1505	121	-85	9	-5
TX BROWNSVILLE	BRO	52	17	51	659	152	-91	30	-12
TX CORPUS CHRISTI	CRP	79	23	73	970	178	-125	22	-11
TX DEL RIO	DRT	88	13	65	1444	196	-59	16	-4
TX EL PASO	ELP	138	20	45	2282	210	432	10	23
TX FORT WORTH	DFW	139	27	97	2102	338	-140	19	-6
TX GALVESTON	GLS	104	34	88	1132	165	-44	17	-4
TX HOUSTON	IAH	115	37	87	1314	93	-169	8	-11
TX LUBBOCK	LBB	163	4	49	2734	150	93	6	4
TX MIDLAND ODESSA	MAF	143	20	61	2413	380	196	19	9
TX BEAUMONT	BPT	94	17	80	1118	-55	-195	-5	-15
TX SAN ANGELO	SJT	129	20	63	2177	378	80	21	4
TX SAN ANTONIO	SAT	102	19	72	1436	156	-144	12	-9
TX VICTORIA	VCT	84	15	73	1127	112	-134	11	-11
TX WACO	ACT	129	25	86	1857	221	-128	14	-6
TX WICHITA FALLS	SPS	154	13	70	2589	313	10	14	0
UT BLANDING	ABL	217	-9	8	4198	78	356	2	9
UT CEDAR CITY	CDC	211	-6	-25	4131	180	406	5	11
UT SALT LAKE CITY	SLC	264	46	36	4224	271	363	7	9
VT BURLINGTON	BTV	282	-51	85	4985	-259	15	-5	0
VA LYNCHBURG	LYH	229	32	148	2809	-236	-308	-8	-10
VA NORFOLK	ORF	202	31	130	2368	-21	-103	-1	-4
VA RICHMOND	RIC	204	18	133	2726	-96	-311	-3	-10
VA ROANOKE	ROA	230	37	140	2894	-149	-240	-5	-8
WA COLVILLE	63S	250	11	44	5382	534	547	11	11
WA QUILLAYUTE	UIL	172	11	24	3891	234	267	6	7
WA SEATTLE-TACOMA	SEA	166	11	28	3466	217	393	7	13
WA SPOKANE	GEG	245	17	46	5232	624	696	14	15
WA WALLA WALLA	ALW	188	17	55	4024	693	502	21	14
WA YAKIMA	YKM	233	30	61	4836	673	721	16	18
WV BECKLEY	BKW	288	55	162	3628	-183	-369	-5	-9
WV CHARLESTON	CRW	258	48	155	3159	-143	-146	-4	-4
WV HUNTINGTON	HTS	276	68	175	3340	44	-109	1	-3
WV PARKERSBURG	PKB	276	54	186	3399	-44	-43	-1	-1
WI GREEN BAY	GRB	330	-5	125	5396	-24	-92	0	-2
WI LACROSSE	LSE	358	38	174	5474	288	-2	6	0
WI MADISON	MSN	329	14	150	5285	101	-59	2	-1
WI MILWAUKEE	MKE	320	22	146	4847	44	14	1	0
WI WAUSAU	AUW	346	-1	143	5732	-31	19	-1	0
WY CASPER	CPR	271	3	30	5641	670	422	13	8
WY CHEYENNE	CYS	242	-7	-10	5346	707	344	15	7
WY LANDER	LND	237	-39	-52	5602	357	-135	7	-2
WY SHERIDAN	SHR	295	22	71	6071	894	986	17	19



The U.S. Geological Survey (USGS), Department of the Interior's monthly check of the Nation's surface and ground waters revealed that streamflows in the Midwest and Southwest were generally average to well-above average during January; but many streams in the East, in a broad band from Maine to Florida and west through Alabama, reported well-below-average flows.

USGS hydrologists said that of the 174 key index stream-gaging stations reporting for January, 31 percent (54 stations) reported well-above-average streamflows (within the highest 25 percent of record), 35 percent (61 stations) reported normal flows, and 34 percent (59 stations) reported well-below-average streamflows.

The combined flow of the three largest rivers in the lower 48 States (Mississippi, St. Lawrence, and Columbia rivers) was 803 billion gallons per day (bgd) during January, 29 percent above the long-term average and 13 percent higher than in December.

These three large river systems account for runoff from more than half the conterminous United States, providing a useful check on the status and the general health of the Nation's surfacewater resources.

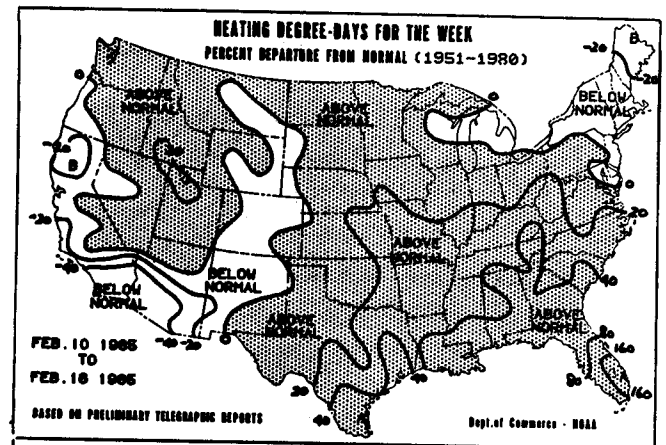
Working in cooperation with State and local agencies, the USGS routinely gathers information on the status of the Nation's surface- and groundwater resources at more than 65,000 sites across the country. Highlights of January streamflow conditions follow:

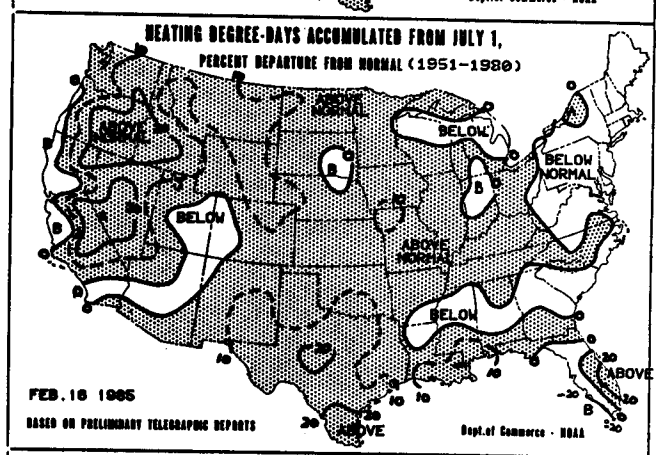
*NEW YORK AREA CONTINUES DRY: Storage levels in the New York City reservoirs in the Delaware River basin continued to decline January and early February, worsening area drought conditions and forcing reductions in the maximum amount allowed for diversions to the City for municipal use. Total reservoir stored on February 12 was about 122 billion gallons, about 45 percent of capacity, as compared with 58 percent a year ago.

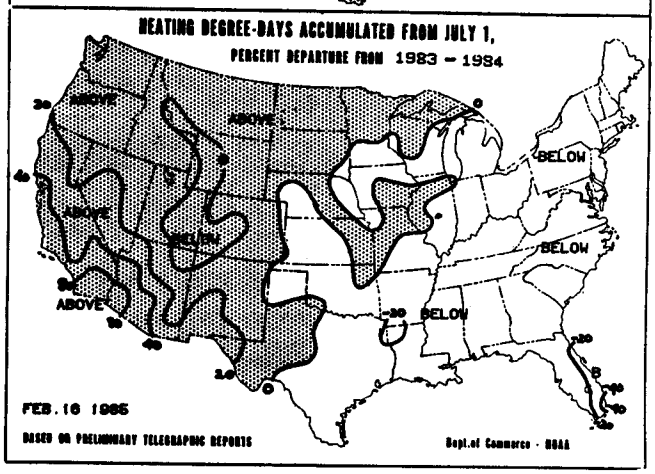
*ROCKY MOUNTAIN STATES WET: Streamflows at the 12 index gaging stations in Wyoming, Colorado, and Utah averaged about 70 percent above the long-term average in January, with 11 of the 12 sites reporting well-above-average flows. Flow of the Colorado River at Cisco, Utah, averaged 4.2 bgd, the third month of record-high flows in 73 years of recordkeeping.

*FLORIDA SINKHOLES: About 20 sinkholes developed in the Dover, Florida area, about 15 miles east of Tampa, after heavy pumping for frost protection temporarily lowered groundwater levels 19 feet on January 22. Wells for over 100 homes temporarily went dry as a result of the drop in water levels.

*FIVE LARGE RIVERS: Individual flows of the Nation's five large rivers for January were: Mississippi River at Vicksburg, MS, 607 bgd, 46 percent above average and 25 percent above the December flow; St. Lawrence River near Massena, NY, 148 bgd, average for this time of year but down 12 percent from December; Ohio River at Louisville, KY, 75 bgd, 24 percent below average and 31 percent below the January average and 4 percent above December; the Columbia River at The Dalles, OR, 47 bgd, 16 percent below average and 9 percent below December.







National Agricultural Summary

February 11 to 17

HIGHLIGHTS: Snow disappeared from much of the central and northern Plains States, leaving wheat and other small grains unprotected from the cold weather. However, damage has been minimal in these areas, and temperatures warmed considerably. Snow continued to protect wheat from the cold temperatures across the Corn Belt, Lake States, northern Mountain and Northeastern States. Winter wheat rated mostly good to fair throughout the Nation. Wheat began responding to the warmer temperatures, especially in the South. Soil moisture was adequate to surplus in most areas, but was below normal in Florida, Texas, and most of California.

Land preparation progressed rapidly in the Southwestern States. California's and Arizona's cotton growers actively prepared seedbeds for the 1985 cotton crop. Tobacco seedbed preparation got underway in North Carolina. Fruit tree pruning began in a few Southern States and continued in the Pacific Northwest. Below-normal temperatures lightly damaged Florida's tender vegetables. Citrus trees escaped serious damage.

SMALL GRAINS: Wheat in the central and northern Plains States spent much of the past week out from under snow cover. Damage in these areas has been minimal as temperatures returned to more normal levels. Wheat rated mostly fair to good.

Kansas' wheat rated good but snow cover continued disappearing. Oklahoma's growers began topdressing. Wheat rated good to fair. Cold temperatures slowed small grain recovery in Florida. The cold weather set back rye considerably.

Warmer weather sparked new growth in Texas' small grains, but moisture is badly needed. Producers applied nitrogen to offset yellowing. Insect infestation increased as temperatures rose. Wheat condition improved to mostly good to fair. Georgia's and Mississippi's small grains remained poor to fair. Topdressing was the major activity.

Protective snow on Montana's wheat was mostly fair. Wheat rated mostly fair, having light wind damage thus far. Nebraska's wheat remained dormant and without very much snow to protect from cold temperatures.

Wheat and other small grains progressed rapidly in California and Arizona. All fields were up to stand in Arizona's Central Valley and western counties; 88 percent were up to stand in the Southeast. California producers irrigated areas lacking moisture. Herbicides for broadleaf weed control were actively applied.

OTHER CROPS: Land preparation was active in Arizona and California. Cotton growers in Arizona prepared seedbeds and applied preplant herbicides and fertilizer. Arizona's alfalfa was mostly good. Some fields were renovated. Harvest progress was light.

Seedbed preparation for cotton, corn, and safflower continued in California. Ground preparation got underway for rice. Herbicides were applied to control weeds in sugarbeets and alfalfa.

Tobacco seedbed preparation got underway in North Carolina. Georgia's tobacco plants were fair. New potato harvest gained momentum in Florida. Sugarcane harvest well advanced.

FRUIT AND NUTS: Fruit tree pruning began in a few Southern States and continued in the Northwest.

Pruning and weed control continued in California's orchards and vineyards. Dormant spraying neared completion. Growers began fertilizing on a limited basis. Table grape canes were tied. Cool weather, earlier this month, slowed table grape bud break in the Coachella Valley. Bees continued to be placed in almond and plum orchards. Citrus harvest continued actively.

Arizona's Navel orange harvest was completed. Valencia oranges, grapefruit, and lemons were packed in Yuma County.

Florida's citrus trees escaped serious damage as substained freezing temperatures failed to materialize. Frost nipped new growth, but damage was minor. Early-mid orange harvest slowed, and supplies were low.

VEGETABLES: Low temperatures and scattered frost in Florida's vegetable areas lightly burned tender vegetables. Overall shipments declined 14 percent from last week. Crops declining were snap beans, cabbage, carrots, cauliflower, eggplant, sweet corn, cucumbers, escarole, peppers, squash, strawberries, and tomatoes. Celery, Chinese cabbage, and parsley remained steady. Lettuce and radish volumes increased.

Land preparation got underway for spring vegetables in Texas. Lettuce planting began in the Trans-Pecos area. Recent freeze affected growth and quality of San Antonio-Winter Garden area vegetables. Harvesting of cabbage, carrots, and lettuce continued in the Rio Grande Valley.

Spring planting of lettuce and melons began in Arizona. Mixed vegetable harvest continued Arizona's Central Valley.

Frost in the Desert area held back California's asparagus harvest . Cauliflower harvest was very light, but increased along the central coast. Ice in lettuce heads continued to delay morning harvest in the Imperial Valley. Growers seeded market and processing tomatoes in the San Joaquin and Sacramento Valleys.

PASTURES AND LIVESTOCK: Pastures showed some signs of recovering in the South as temperatures warmed. However, feed requirements are still below normal, especially in areas where snow continued to cover the ground. Livestock condition was mostly good. Supplemental feeding remained heavy but eased as temperatures rose to normal levels. Stress also eased. Hay and roughage supplies were adequate in most areas, but could become short if temperatures dip again for a long period. Calving and lambing increased in most regions.

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° below normal. Rainfall averaged 0.50 to 1.00 in. north; less than 0.50 in. over central and southern part of State.

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

ARIZONA: Sunny, dry weather prevailed. Strong high pressure system off California coast allowed temperatures to climb back above seasonal normals. Temperatures varied from 5° above normal in southeast to near normal in northwest.

Cotton growers preparing seedbeds, applying preplant herbicides, fertilizer. Some growers completing plowdown, beginning soil preparation. Wheat, barley fair to good condition. All stands established in Central Valley, Western Counties; 88% southeast. About 28% jointing. Alfalfa stands mostly good condition, some stands renovated. Weed infestations moderate to heavy; very few problems with insects, diseases. Harvest progress light. Valencia oranges, grapefruit, lemons packed in Yuma. Lettuce, cauliflower, broccoli, cabbage harvested Yuma. Romaine, Leaf, Boston lettuce; broccoli, cabbage, cauliflower, other mixed vegetables harvested Central Valley. Spring planting of potatoes, lettuce, melons began. Lemons, grapefruit, Valencia oranges packed Central Valley. Navel orange harvest complete.

ARKANSAS: Rainfall over most of State caused slight warming trend. Temperatures averaged 3 to 9° below normal. Lowest 12°, highest 65°. Precipitation ranged from none to 1.67 in.

Livestock condition fair. Wheat fair to good.

CALIFORNIA: Spring-like weather over most of State. Mass of warm, dry air pushed northward from the equator forcing the storm systems from the Pacific well to the north into Washington, Oregon. Remnants of the fronts brought rains to the north coast, showers to Sierra Nevada.

Warmer temperatures following rain enhanced wheat, other grains. Irrigation continued moisture lacking. Herbicides applied for broadleaf weeds. Seedbed preparation for cotton, corn, safflower. Sugarbeets, alfalfa planted; weed control applied. Ground preparation underway rice fields. Warmer weather past week growers continued pruning and weed control in orchards, vineyards. Dormant spraying nearly completion, some fertilizer application reported. Table grape canes tied. Cool weather earlier this month slowed table grape bud break in Coachella Valley. Bees continue to be placed in almond, plum orchard in preparation of upcoming bloom. Harvests continue for both citrus, avocados. Artichoke supplies increasing. Desert asparagus held back by recent frost. Broccoli harvest active. Carrot harvest active desert. Cauliflower harvest very light but increasing central coast. Celery harvest, transplanting active south coast. Lettuce harvest well along Imperial Valley. Morning harvest delayed by ice in heads. Fall potato packing sheds working full-time Tulelake-Butte Valley. Transplanting market tomatoes under caps southern San Joaquin Valley. Seeding market, processing tomatoes San Joaquin, Sacramento Valleys. Warmer temperatures during week improved grass growth, development behind normal many districts due to earlier low temperatures. More moisture needed continue growth. Lambing began; calving increasing northern areas.

COLORADO: No significate weather systems affected State during week. Dry weather with seasonal temperatures dominated week. Precipitation confined to a trace of snow at a few lower elevations, 1 to 2 in. of new snow several mountain locations. Temperatures mostly 1 to 3° above normal.

Care of livestock, machinery repair remain major farm activities. Calving, lambing in early stages.

FLORIDA: Very cool through week. Freeze or near freezing temperatures, scattered frost north central and into northern Everglades, 13th to 17th. Patchy frost extreme south tip of Peninsula 14th, 15th. Rain near 1.00 in. Panhandle, west central; mostly under 0.50 in. elsewhere on 11th. Few light showers south, 15th, 16th. Temperatures averaged near 10° below normal.

Soil moisture mostly adequate Panhandle, short remainder of State. Small grain recovery slowed by cold temperatures. Cold weather set back rye considerably. Field preparation delayed by cold weather. Peach crop in Madison County damaged extensively from January freeze. Early varieties may be completely wiped out. Sugarcane harvest well advanced. Young cane making good recovery from freeze damage. Pastures remain mostly poor condition. Winter pastures some localities attempting to make a comeback as weather conditions improve. Cattle condition varies but remains mostly fair statewide. Citrus trees escaped serious damage, freezing temperatures failed to materialize. Some frost with very minor new growth burn. Early -mid orange harvest slowing; supplies low. Temperatures vegetable areas below normal. Scattered frost, cold winds caused light leaf burn to tender crops. Nighttime lows in upper 20's, low 30's. Wind gusts 40 to 50 mph. Rainfall very light. Overall shipments declined 14% from previous week. Crops declining: Snap beans, cabbage, carrots, cauliflower, eggplant, sweet corn, cucumbers, escarole, peppers, squash, strawberries, tomatoes. Celery, Chinese cabbage, parsley remained steady. Lettuce, potato, radish volume increased. Good volume strawberries expected early March. New crop potato harvest gaining. Supplies most vegetables should increase late March, early April.

GEORIGA: Cold temperatures, 10° below normal. Daytime highs 50's and 60's 16th,

17th. Precipitation mostly 0.50 to 1.50 in., eastern areas received under 0.50 in. Most rain 11th with rain changing to snow north night of 11th. Significant accumulations of snow Atlanta, Athens areas northward. Up to 1 ft. snow fell across northern mountains.

Soil moisture adequate to surplus. Main activities land preparation. Small grain topdressing as weather permitted. Small grain condition poor to fair. Tobacco plants fair condition. Vidalta onions being replanted. Pastures mostly poor to fair. Cattle, hogs poor to good.

HAWAII: Rainfall reading of over 5 in. in a 24-hour period recorded for many windward sections of Kauai, Oahu on 14th, when rainfall most intense. Heavy rains slowed farm activity in western half of island chain while relatively dry conditions, continued in major crop regions in eastern half of State. Other end of the island chain, water restrictions reimposed in Waimea, on Hawaii Island. Extended period of water control there may possibly cause a reduction in plantings. Chinese cabbage production heavy, good quality. Head cabbage supplies heavy. Head lettuce output will increase next week. Banana production will be light. Papaya output is anticipated to remain relatively light with farmers spraying to control disease outbreaks during this wet weather season.

IDAHO: Storm moved through State on 9th and again later in week on 12th, 13th. Precipitation of 1.00 in. reported at Coeur d'alene in north, Fairfield in south. Elsewhere, precipitation well below normal. For most part, temperatures below normal with 12° below normal reported at Malad in east. Two spots in northern portions of State 1 to 2° above normal.

Minimal farm activities. Activities confined primarily to repair and maintenance, farm planning, dairying, and caring for livestock. Somewhat warmer temperatures in most areas, livestock care and farm activity should soon pick-up. Calving, lambing underway most areas. Stock appear to be in good condition with few problems. Feed adequacy mixed with some areas in east reporting good hay supplies, some northern farmers forced to truck hay from Columbia Basin.

ILLINOIS: Mean temperature 3 to 15° below normal. Precipitation light; trace to 1.00 in., mostly eastern half.

Winter wheat condition 2% excellent, 52% good, 40% fair, 6% poor. Soil moisture 59% adequate and 41% surplus. Livestock condition mostly good to fair.

INDIANA: Temperatures continued below normal. Highs upper 30's to low 40's. Lows to below zero. Precipitation 0.50 in. or less western areas to more than 1.00 in. central, east.

Drifting snow brought most activities to standstill. Main activity snow removal. Other activities: Cutting wood, hauling grain, buying seed and fertilizer, caring for livestock and usual chores. Some pruning of orchards to get underway this week. Overwintering crops continue under snow cover.

IOWA: Cold week. Moderating to falling temperatures at weekend. Moderate amounts of snow and ice storms beginning of week. Dry thereafter except for light snow and ground blizzard northeast State on 13th to 14th. Snow depth greatest 12th varying from 1 to 2 in. west, 10 to 12 in. extreme east central. At weekend snow cover had diminished to little or none west, 6 to 9 in. east.

No farm activity except for farmers getting ready for spring planting. Livestock sales very slow. Demand remained limited throughout week, movement of boxed beef limited in eastern areas due to extensive snow, ice storms. Most packers only interested in meeting minimum kill requirements. Both slaughter and boxed beef operations negative returns; one area packer shutting down operations. Livestock producers interest in selling remained light most of week.

KANSAS: Temperatures averaged 25 to 27° northeast, 37° southwest, 31 to 35° elsewhere. Temperatures normal northwest, 2° above normal southwest, 3 to 6° below normal central and east. Precipitation averaged from traces to only a few hundredths west, 0.10 to 0.20 in. east.

Wheat condition good, snow cover disappearing. Soil moisture good, no storm or wind damage. Farmers readying field equipment, lining up seed supplies, caring for livestock.

KENTUCKY: Temperatures began below normal, warming by end of week. Average temperatures below normal. Significant precipitation first half of week with a major snow storm over eastern State. Some locations as much as 18 in. of new snow. Soil temperatures at 4.00 in. level averaged lower to mid 30's. Precipitation amounts totaled from 1.00 in. to around 2.50 in. Few burley markets remain open; few sales with light volume. Snow cover disappeared many fields. Cold weather, snow stressed livestock; increased need for supplemental feed. Farmers making plans for spring planting.

LOUISIANA: Precipitation amounts generally 0.75 to 2.75 in. Average temperatures ranged from 5 to 10° below normal. Low 21°, high 72°.

Activities: Routine chores, caring for livestock.

MARYLAND AND DELAWARE: Maryland: Cool, wet week. Temperatures averaged mostly 2 to 4° below normal. High temperatures in high 40's to mid 50's, lows mostly in mid to high teens. Heavy rains during week, mostly on 12th, 13th, averaged 1.50 in. Precipitation ranged from 0.84 in west to 2.25 in north central.

Farmers liming some fields, stripping tobacco for auction, preparing records.

Delaware: Weather cool, wet. Temperatures averaged mostly 1 to 3° below normal. High temperatures in low to mid 50's, lows in high teens. Precipitation averaged 0.73 in., lighter amounts north; heavier totals south.

Farmers liming fields, repairing machinery, working on bookkeeping.

MICHIGAN: Temperatures averaged 2° above normal across State. Precipitation moderate to heavy. Lows ranged from -11 to 15°. Highs ranged from low 20's to mid 30's.

Snowfall during the week blocked roads, hampered farm activities. Livestock remain in good condition. Feed supplies adequate. Calving, lambing progress normal.

MINNESOTA: Arctic air dominated State until end of week, low pressure system brought warm westerly air with some snowfall. Temperatures averaged 3 to 7° below normal. Low: -28° high: 42°. Precipitation averaged 0.09 to 0.20 in. below normal. Greatest reported weekly total: 0.23 in. Snowfall for week averaged 1 to 2 in. for north central, northeast,

southeast; zero to a trace elsewhere. Snow depths at week's end averaged 11 to 14 in. for north central, northeast; 1 in. for southwest; 3 to 8 in. elsewhere.

MISSISSIPPI: Average temperatures 7° below normal. Extremes: 14°, 69°. Up to 4 in. snow northeast. Greatest 24-hour rainfall 2.44 in.

Soil moisture surplus. Fieldwork: 0.8 days suitable, zero 1984, 1.8 average. Main farm activities, feeding and caring for livestock. Livestock condition fair to poor. Wheat fair to poor; pastures poor. Hay, feed supplies short to adequate.

MISSOURI: Temperature remained below normal despite warming trend near end of week. Temperatures averaged 3° below normal. Light snow early in week across most of State, rain mixed with snow over southeast. Precipitation totals generally less than 0.25 except near 1.00 in. over extreme southeast.

Heavy drifting early in week made livestock care difficult, but snow mostly gone by week's end.

MONTANA: Temperatures returned to more normal values during week. Usual windy areas having slightly above normal temperatures, while rest of State a few degrees below normal. Precipitation confined to areas west of Divide and mountains east of Divide. Amounts generally less than 0.50 in.

Winter wheat condition mostly fair. Protective snow cover mostly fair. Wind damage light. Grain feed supplies adequate. Hay, roughage supplies short to adequate. Calving about 10% complete. Lambing about 10% complete. Livestock losses average.

NEBRASKA: Precipitation scarce. Temperatures ranged from normal west to 4° below normal. east.

Wheat remained dormant.

NEVADA: Warming trend midweek dissapated winter weather. Temperatures last half of week well above normal, skies mostly sunny. Precipitation limited to mostly scattered snow showers scattered areas.

Fieldwork started extreme south. Warm, sunny weather favorable newborn calves, lambs. Muddy conditions associated with mild weather hampered feeding operations. Movement potatoes to market continued.

NEW ENGLAND: Precipitation above average, most falling midweek. Amounts of 1.00 to 2.00 in. recorded throughout most regions. Southwest interior Maine received around 3.00 in. of precipitation. Temperatures above normal. Average temperatures mid 20's in northern areas, low 30's coastal south. Wind gusts to over 50 mph recorded afternoon, night of 12th, southern part of Connecticut; much of Rhode Island; eastern Massachussets.

Farmers tending livestock, moving potatoes and apples from storage.

NEW JERSEY: Temperatures slightly below normal, averaging 28° north, 32° south, 33° coastal. Extremes: 5°, 52°. Precipitation above normal north, south; near normal coastal. Averaging 1.21 in. north, 0.97 in. south, 0.77 in. coastal. Heaviest 24-hour total 1.42 in. on 12th to 13th. Depth of snow on ground 19th, 1 in. north.

Fieldwork: Rainfall increased soil moisture to surplus in some areas. Farm activities included planning for spring planting; tending to winter chores, livestock. Small grain crops good condition.

NEW MEXICO: Temperatures for State near or a little above seasonal average. Minimum temperature: -7° northern mountains, maximum temperature: 77° southern desert. Northern areas received small amounts of snow early week. Precipitation totals between zero to 0.11 in.

Soil moisture supplies short to adequate, mostly adequate. Barley good; grazing continued over 75%. Irrigated wheat good to excellent, dryland good; grazing continued at over 75%. Lettuce, onions planting continued throughout week. Cattle fair to good; some supplemental feeding. Some early calves dropped. Sheep fair to good. Range fair to good, mostly fair.

NEW YORK: Temperatures averaged slightly above normals ranging from low 20's in St. Lawrence Valley, Adirondacks; low 30's on Long Island. Wide spread thaw occurred around midweek with high temperatures around 40° mark. Precipitation generally below normal with exception of lower Hudson Valley, Catskills, Long Island. Storm moving through Central Appalachians at midweek brought about 1.00 in. of precipitation to southeastern State. Precipitation locally above normal near Lake Erie, Lake Ontario due to lake effect.

Farm activities included spreading manure, preparing financial records for taxes, tending livestock, routine farm chores.

NORTH CAROLINA: Temperatures averaged 6 to 10° below normal across State. Precipitation ranged from 0.26 in 2.75 in. across State.

Soil moisture: 44% adequate, 56% surplus.

Days suitable for fieldwork 1.7. Condition: Pasture 26% poor, 52% fair, 22% good. Wheat 11% poor, 60% fair, 29% good. Oats 15% poor, 59% fair, 26% good. Barley 18% poor, 54% fair, 28% good. Rye 12% poor, 64% fair, 24% good. Farm feed supplies: Hay, roughage 4% short, 93% adequate, 3% surplus. Feed grains 4% short, 93% adequate, 3% surplus. Major farm activities: Tobacco plant bed preparation, machinery maintenance and repair, tending livestock, cutting firewood, tax preparation, new season planning.

NORTH DAKOTA: Week began with below normal temperatures over entire State, but by end of week, temperatures warmed up considerably. Temperature extremes ranged from 38° below zero to 53° above. Precipitation light over State with most stations reporting trace amounts or less. Minot in northwest district reported highest weekly total, 0.17 in.

Arctic weather pattern replaced by much warmer temperatures at week's end. Considerable snow melt left many fall seeded fields exposed. Extreme cold past few weeks put stress on livestock.

OHIO: Temperatures averaged 4 to 8° below normal. Extremes ranging from below zero mornings to afternoon, highs near 50°. Precipitation heavy. Water equivalent ranging from 0.75 to 1.50 in. Four in. bare soil temperatures remain upper 20's to lower 30's.

Major winter storm arrived early deepening snow cover further insulating winter wheat. Heavy melting snow began end of week.

Impassable rural roads made farm deliveries, pick-ups difficult.

OKLAHOMA: Temperatures averaged 9° below normal north central; 3° below normal Panhandle, southwest. Precipitation averaged none western two-thrids of State, 0.34 in. southeast.

Warm temperatures late week caused some wheat growth. Subsoil moisture adequate nearly all areas. Small grain topdressing initiated. Supplemental feeding continued active. Wheat, livestock good to fair. Pastures fair condition.

OREGON: Coastal rainfall totaled 2.10 in.; southwestern valleys 0.70 in. Willamette Valley 1.60 in. Less than 0.20 in. recorded areas east of Cascades. Considerable warming in all areas brought temperatures almost to normal except for northeastern areas, temperatures 8° below normal.

Soil moisture supplies adequate in east, adequate to surplus in west. Ground frozen in most eastern areas, some heaving reported. Willamette Valley reseeding and new planting of winter wheat during dry periods. Late planted fields look spotty. Late planted grass seed suffered some freeze out. Spraying on hay fields. Berries, grapes being pruned and weeded. Tree fruits, filberts also being pruned. Vegetable seed crops doing well, despite some freeze injury to cole crops. All livestock being fed hay. If cold continues hay supplies may be short in some locations. Animals good condition throughout State.

PENNSYLVANIA: Storm system moved across State on 12th, 13th bringing moderate to heavy rain over south central, east central sections; amounts 1.25 in. to 1.75 in. Elsewhere amounts 0.50 to 0.75 in. One to 4 in. of snow fell across western areas of State. Statewide temperature 26°, 2° below normal. Statewide precipitation 0.92 in., 0.27 in. above normal.

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

PUERTO RICO: Island average rainfall 0.14 to 0.53 in. below normal. Highest weekly total 2.67 in. Highest 24-hour total 1.06 in. Temperature averaged about 75 to 74° on coasts, 73 to 70° Interior Divisions. Mean station temperature ranged from 61 to 78°. Extreme 55°, 90°.

SOUTH CAROLINA: Temperatures averaged 8 to 10° colder than usual during midweek. Temperatures climbed somewhat over the weekend. Rainfall of more than 1.00 in. upstate. Less than 0.50 in. fell early week ahead of a cold frontal passage. Minor wind damage reported in central State on night of 11th.

Main activities included routine chores, pruning fruit trees, supplemental livestock feeding, repairing farm machinery, planning farm activities for the coming season.

SOUTH DAKOTA: Temperatures ranged from 4° above to 9° below normal. Extremes: 18°, 62°. Little if any precipitation. Northeast quarter of State, Black Hills only areas with any significant snow cover. Northeast snow cover ranged from 2 to 9 in. Black Hills snow cover ranged from none to 3 ft.

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

TENNESSEE: Deep low pressure system brought precipitation in form of snow all sections of State on 11th, 12th. As much as 8 in. reported in Jackson, Knoxville. High pressure system moved in towards weekend. Temperatures averaged below normal, ranged from 6° below normal southwest to 12° below normal in east. Precipitation amounts totaled 0.40 to 1.00 in. (water equivalent); ranged from near normal in east, middle; slightly below normal Plateau, extreme west.

Major farm activities continued to include general farm chores, supplemental feeding of livestock.

TEXAS: High pressure dominated early week. Cold front pushed through State on 13th, 14th; showers developed along front southern areas on 14th. High pressure returned State on 15th before second cold front eased through northern part State on 16th. Light drizzle north, south. Temperatures below normal. Rainfall near normal.

Crops: Cotton harvesting good progress throughout week Plains, now virtually complete. Ending grades, quality down because crop stayed in field too long. Ginning operations kept up, complete within couple weeks. Small grains most State showing improvement, milder weather. Wheat fields Plains tops frozen, but showing some new growth. Many fields need moisture. Blacklands, central; wheat, oats recovering. Oats frozen back more severely, growth slower. Producers topdressing nitrogen to offset yellowing. Weeds some problems. Greenbugs, mites increasing with milder temperatures. Statewide condition 75% of normal compared with 59% last year. Current condition 5% excellent, 49% good, 41% fair, 5% poor. Cotton harvested 1984 99%, 1983 100%, average 100%.

Commercial Vegetables: Rio Grande Valley, harvesting continued cabbage, carrots, lettuce. Cabbage market improved over previous weeks. Good progress onions. Land preparations spring crops underway. San Antonio-Winter Garden, recent freeze affected growth, quality. Harvesting continued conditions permit. Land preparation spring crops continues. Eastern areas too wet to plant or prepare land; some planting potatoes, onions, greens occurring drier areas. High Plains land preparation onions, cabbage underway. Planting potatoes, onions continued some areas northern High Plains. Trans-Pecos lettuce planting begun. Land preparation other spring crops continues. Last of chili crop being harvested.

Range and Livestock: Range, small grain pastures improving slightly. Some areas north, east too wet to graze. Growth weeds, other grasses improved. Livestock fair to good condition. Supplemental feeding continued; hay supplies short. Lambing underway many areas.

UTAH: Precipitation moderate to heavy over mountains, light to moderate elsewhere. Temperatures averaged 3 to 8° below normal.

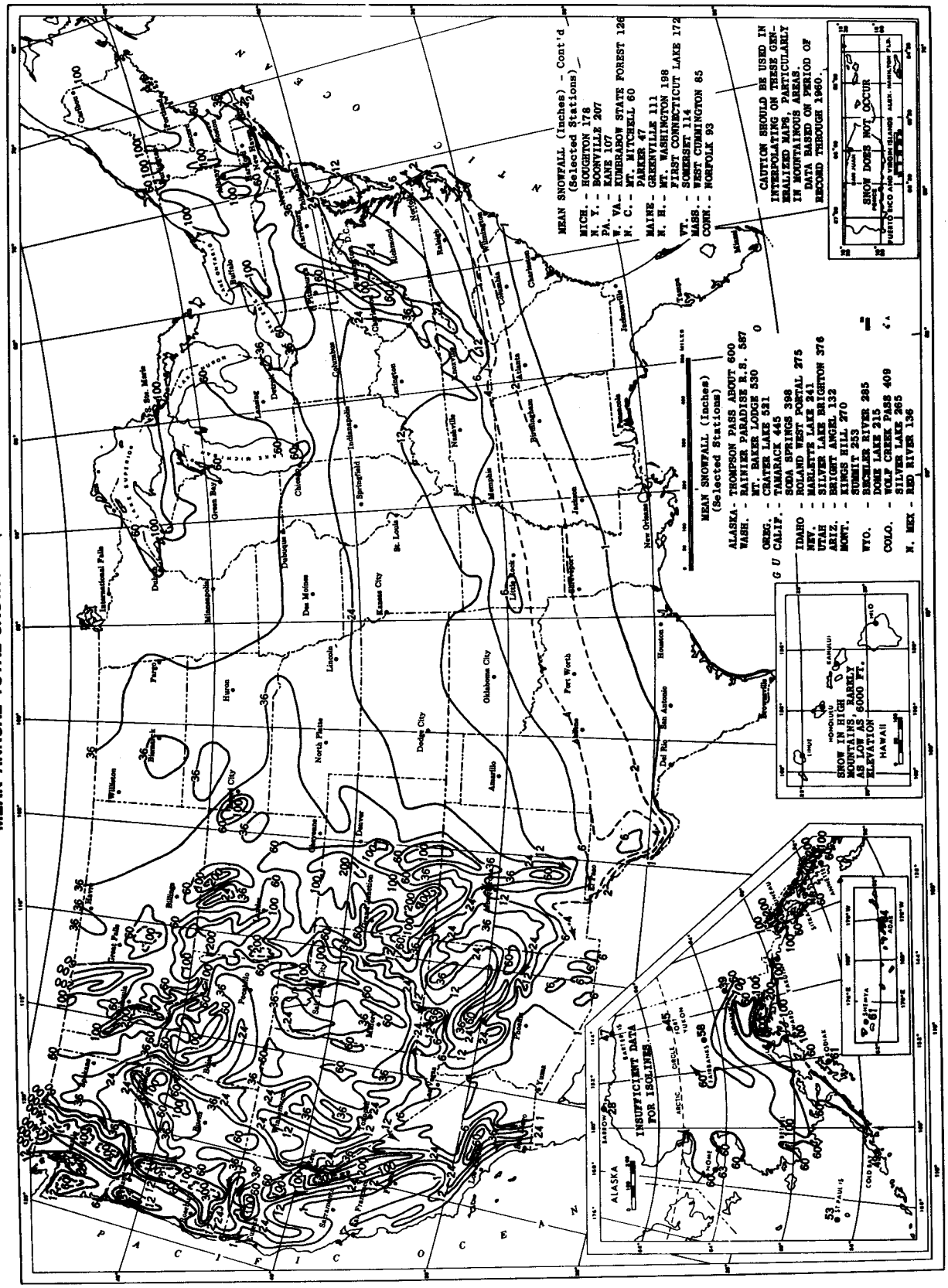
Some pruning of fruit trees getting underway.

VIRGINIA: Cloudy skies through most of week. Average temperatures mid 30's, 5 to 15° below normal. Precipitation light.

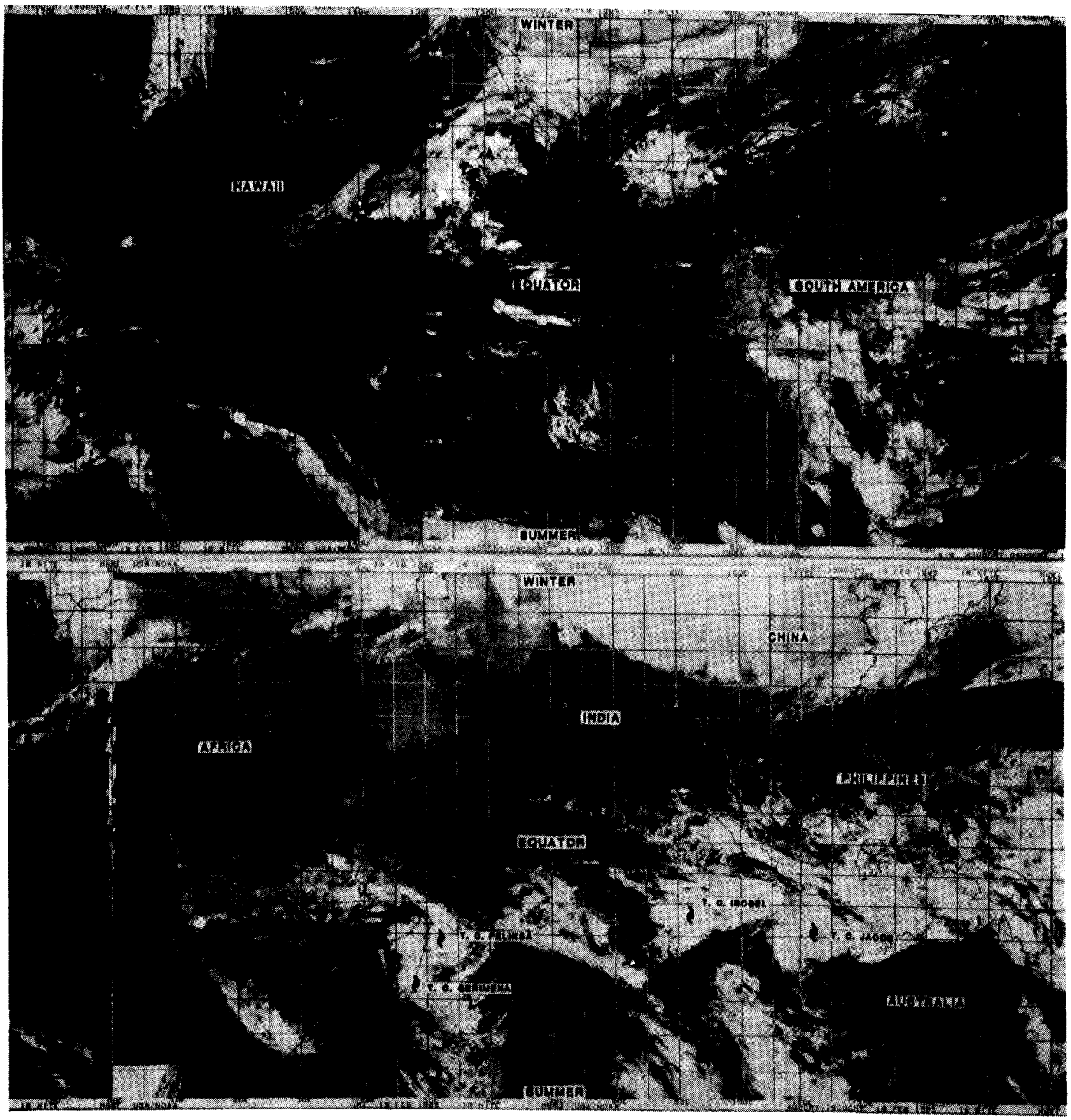
Days suitable for fieldwork: 0.95. Soil moisture rated 62% adequate, 38% surplus. Livestock good condition. Feed consumption up, supplies adequate. Small grain, grazing crops in good condition. Small grain topdressing underway southeast. Activities: Caring for livestock, preparing dark-fired tobacco for market, machinery maintenance, tax preparations production meetings.

(continued on back cover)

MEAN ANNUAL TOTAL SNOWFALL (Inches)

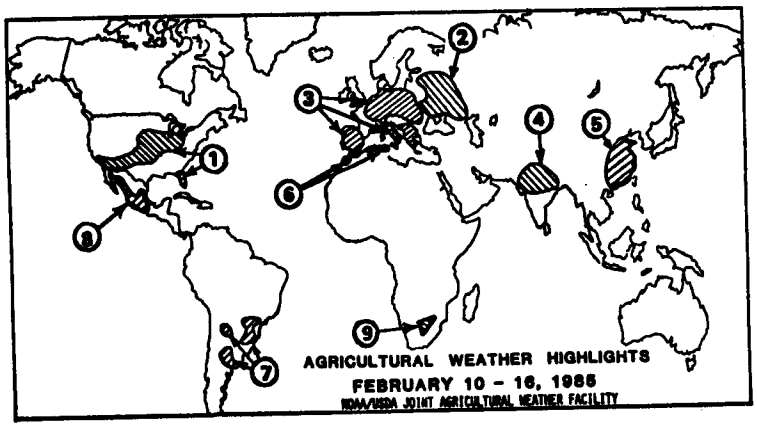


GLOBAL WEATHER SATELLITE PHOTO



International Weather and Crop Summary

February 10 - 16



HIGHLIGHTS:

1. UNITED STATES ... Protective snow cover continues over the Corn Belt wheat lands but diminishes across the Plains. Unusual cold slows germination and emergence of Florida's replanted vegetables. A warming trend over the Southwest spurs land preparation and crop development.

2. WESTERN USSR ... Snow sufficiently protects winter grains from extreme cold.

3. EUROPE ... Arctic air stresses northern and central European winter grains. Rain and mild weather favors Mediterranean crops.

4. SOUTH ASIA ... Dry weather continues across the wheat belt, but temperatures were favorably cooler.

5. EASTERN ASIA ... Mild temperatures favor winter wheat. Rain further improves moisture for early rice planting.

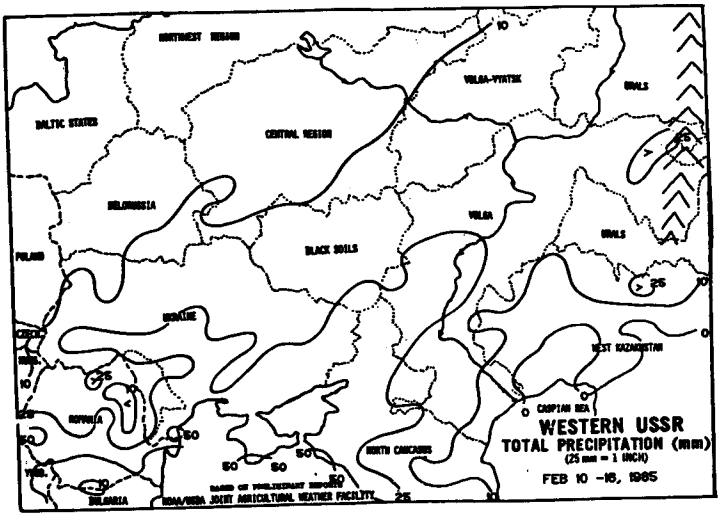
6. NORTHWESTERN AFRICA ... Widespread beneficial rains cover winter grains in north-central and northeastern Algeria and in northern Tunisia. Below-normal precipitation continues over Moroccan winter grains.

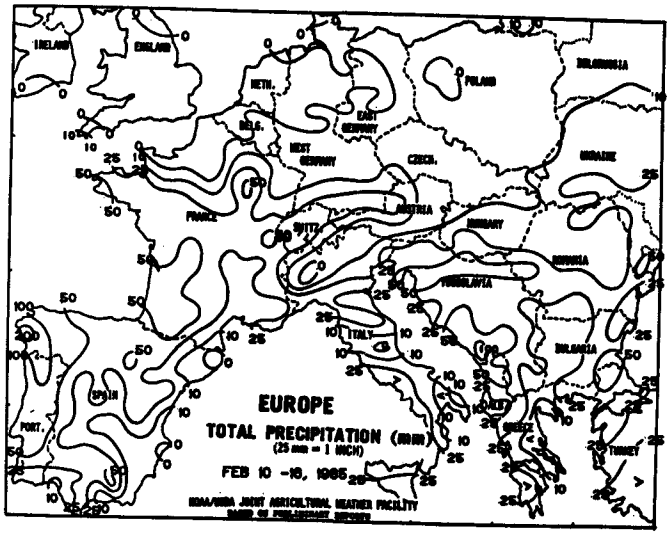
7. SOUTH AMERICA ... Recent moisture improves growing conditions for flowering soybeans in southern Brazil, but dryness in eastern soybean areas of Argentina stresses crop in moisture-sensitive flowering and podding stages.

8. MEXICO ... Generally seasonal weather favors most agriculture, especially west coast vegetables. However, northeast coolness keeps grains developing slowly.

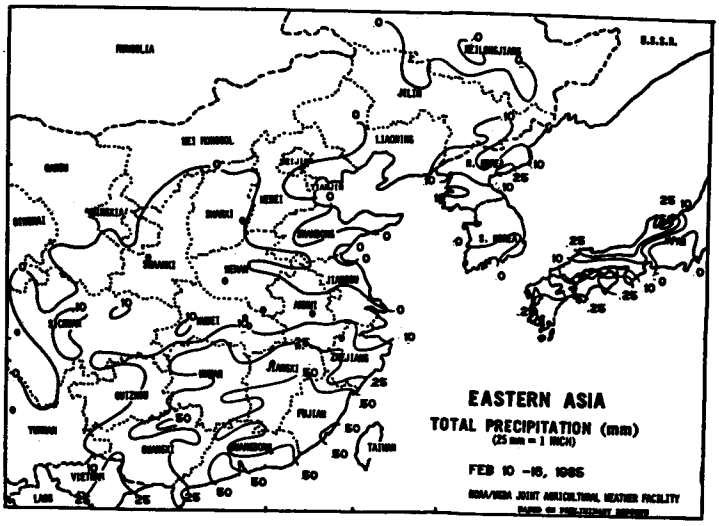
9. SOUTH AFRICA ... Heavy rain produces flooding in the eastern sugar area. Western corn remains unfavorably dry.

WESTERN USSR...Widespread precipitation, mainly snow, covered winter grains. Heavy snow covered parts of the Ukraine, the northern North Caucasus and the lower Volga Valley. Lighter snow and extremely cold weather covered winter grains in the western Baltic States and western Belorussia, with nighttime lows around -22C (approaching the threshold for winterkill) from February 10-13. Elsewhere, snow cover sufficiently protected the crop from unseasonably low temperatures, which gernerally ranged from 5C to 8C below normal.

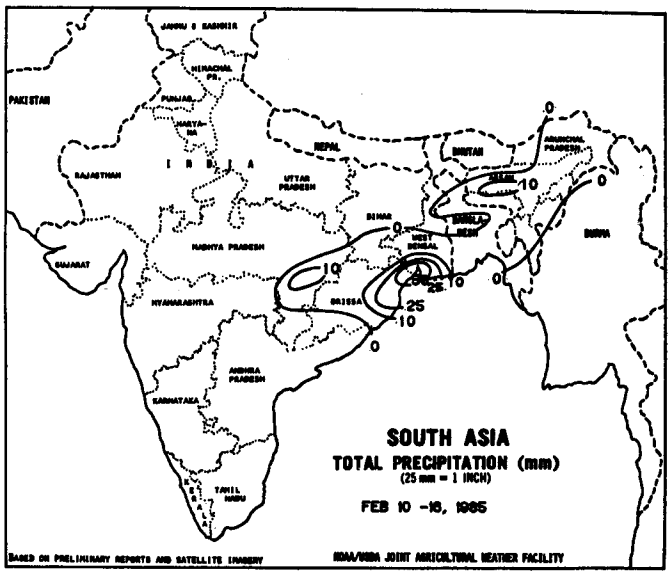




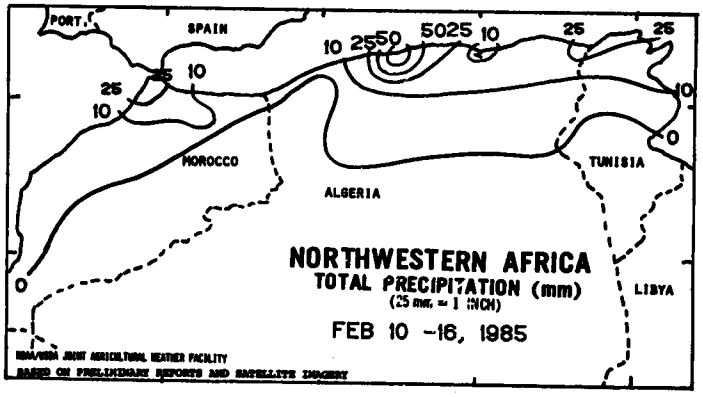
EUROPE...Storms moved eastward along a polar front, stretching from southern France through the central and eastern Mediterranean. North of the front, arctic air pushed southward, covering much of northern and central Europe. The coldest weather covered winter grains in Poland, with nighttime lows around -22C occurring February 11-13. These lows approached the threshold for winterkill, particularly in southwestern Poland where snow cover was minimal. Nighttime lows around -15C occurred in East Germany, West Germany, Hungary, Czechoslovakia, and northern Romania. Along and south of the front, widespread showers (25-50mm) and near- to-above normal temperatures favored Mediterranean winter grains.



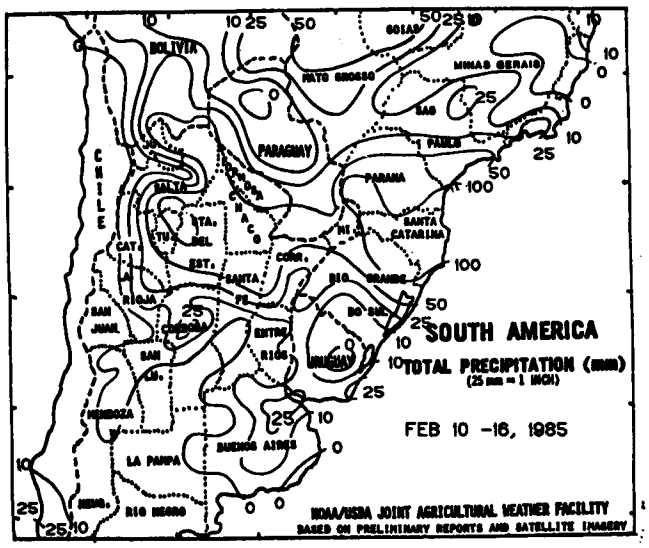
EASTERN ASIA...Favorable weather continues in China's agricultural regions. Light precipitation and above-normal temperatures benefited dormant winter wheat in the North China Plain. Winter wheat in the major-producing regions (Henan, Shandong, and Hebei) normally begins to break dormancy in early to mid March. Warm weather in the Yangtze Valley allowed some slow growth of winter wheat a little earlier than normal. Moderate rain (25-50mm) continued in the south, creating favorable planting conditions for early rice in Guangdong.



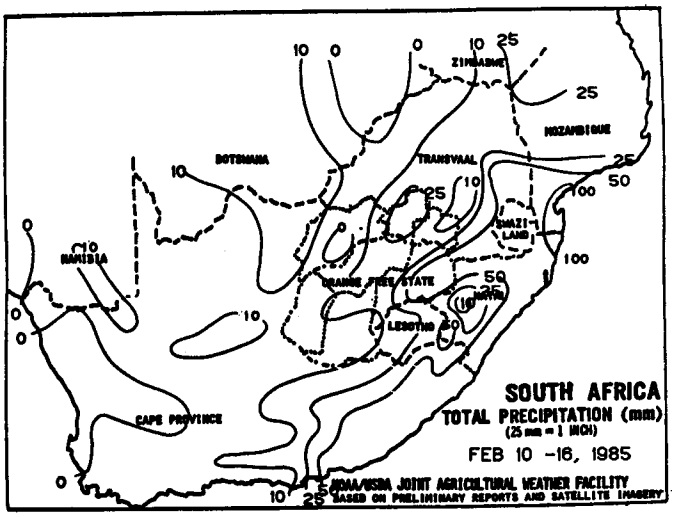
SOUTH ASIA...Mostly dry weather occurred across wheat areas in Pakistan and northern India. Little winter precipitation caused greater than normal reliance on irrigation. However, cooler temperatures lowered the evaporative demand of grain-filling wheat. Moderate rain in Orissa and eastern Madhya Pradesh benefited summer rice in the vegetative stage. Temperatures averaged above normal in the south.



NORTHWESTERN AFRICA...Beneficial showers (10-25mm) covered winter grains in north-central and northeastern Algeria and northern Tunisia, reversing three weeks of persistent dry weather. Unfavorably dry weather continued over minor winter grain producing areas in northwestern Algeria. In Morocco, localized showers (less than 10mm) covered winter grains in the vegetative stage. Since early February, below-normal precipitation lowered the available moisture for Moroccan winter grains.



SOUTH AMERICA...Substantial rain fell again over Brazil's southern crops, alleviating stress on flowering and pod-setting soybeans in much of Rio Grande do Sul and southwestern Parana. Periodic showers during the past two weeks greatly improved crop growing conditions following the earlier dry spell which damaged some of the early planted soybeans in sensitive growth stages. Light showers fell on northern soybeans which have adequate moisture for growth. Argentina's northeastern cotton and sorghum also benefited from locally heavy, widespread showers. Storms developed north of Argentina's primary corn and soybean areas. Consequently, only light, scattered showers (mostly less than 10mm) fell across the central summer crops. Persistent dryness in southern Santa Fe is notably unfavorable for flowering and podding soybeans. Some isolated heavier showers (10-20mm) helped crop development in eastern Bueuos Aires.



SOUTH AFRICA...Highly variable precipitation fell across the region. Moderate to very heavy rain (50-250mm) fell along the east coast. The heaviest rain caused flooding early in the week in the Natal sugar region. Light to moderate rain (15-25mm) benefited corn in the Northeast Orange Free State and the eastern Transvaal. Scattered, light rain (5-15mm) fell in the west where limited moisture continued stressing grain-filling corn in the two major producing regions: the West Transvaal and the Northwest Orange Free State. Temperatures averaged near to slightly below normal across the Maize Triangle, favorably reducing the evaporative demand of corn.

MEXICO...Seasonal weather over most areas favored agriculture, while the northeast's cool pattern slowed crop development. Sunny, dry, and mild weather benefited west coast tomatoes, cucumbers, peppers and other tender vegetables. A warming trend over the upper northwest advanced winter wheat development and land preparation for spring crops.

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U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
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Managing Editor . . . . . Don Haddock
Meteorologists . . . . . Lyle Denny,
Ray McInturff, Jim Williams, Wes Byrd,
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(continued from p. 14)

WASHINGTON: Dry high pressure system that dominated State's weather for the last month replaced by a watery westerly flow aloft. Precipitation at near normal levels once more. Temperatures climbed to season normals.

Very little fieldwork: Calving, lambing underway; supplemental hay feeding heavy. Winter grains in good condition.

WEST VIRGINIA: Temperatures ranged 2° below normal in northeast division to 7° below normal in northwest, southwest. Precipitation in form of rain in northeast, snow in all other areas. Precipitation ranged 0.25 in. below normal in north central division to 0.42 in. above normal in northeast.

Soil moisture surplus to adequate. Feed supplies adequate.

WISCONSIN: Below normal temperatures persisted throughout State 11th to 15th. Warmup over weekend provided above normal temperatures on 17th. Also the first day of above freezing temperatures in more than a month. Light snow flurries over much of State prevailed early in week. Eastern sections received several light snows during week with accumulations of 3 to 9 in. Strong north to northwest winds on 11th, 12th caused considerable drifting mainly in eastern sections.

Generally fair weather prevailed later in week. Lowest temperatures -17° on 15th, highest temperatures 38°, 17th. Frost depths continue to increase in areas of light snow cover. Snow depths held or increased normally with some accumulation.

WYOMING: Temperatures 2 to 7° below normal. Below average precipitation.

Winter wheat mostly good condition. No damage apparent from bitter cold temperatures earlier. Livestock mostly good condition with supplemental feeding many areas. Early calving, lambing, shearing underway.

NOAA/USDA Joint Agricultural
Weather Facility
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