WEEKLY WEATHER AND CROP BULLETIN

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

U.S. DEPARTMENT OF AGRICULTURE
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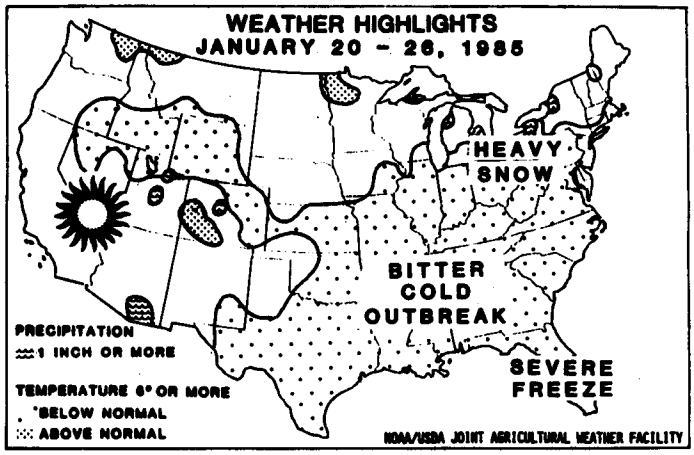
National Weather Summary

January 20 - 26



HIGHLIGHTS: Record, bitter cold settled over the southeastern third of the Nation during the first of the week, severely freezing much of Florida's citrus and vegetables. Hundreds of cities set new daily temperature records, some had the coldest temperatures ever recorded. The extreme cold paralyzed outdoor activities, even preventing the outdoor Presidential Inauguration. The cold abated by midweek. However, another, but weaker, arctic outbreak moved through the Plains and into the East by late week. It maintained the abnormal cold pattern, which should slow deterioration of Florida's fruits and vegetables. Precipitation was less than usual over most areas. However, heavy snow fell from West Virginia to western New York, and rain drenched southern Arizona.

SUNDAY...The huge, bitter cold airmass continued to plunge through the Nation east of the Rockies, paralyzing outdoor activities and damaging plants. Around 100 cities set daily record-low temperatures with Chicago, IL and Asheville NC setting all-time record lows. Wind chill temperatures continued at dangerous levels, especially in some northern areas with near 80 degrees below zero values. Some snow accompanied the leading edge of the cold airmass as it moved across the South.

MONDAY...Record cold continued over most of the Southeast and East with more than 80 cities setting daily records; 6 cities had the coldest temperatures ever recorded in January. Outdoor activities and ceremony of the Presidential Inauguration were shifted to inside because of the bitter cold. Much of Florida's citrus and vegetables were severely frozen in northern and central districts, while that in southern districts and in Texas were threatened. Near-blizzard conditions persisted over parts of the upper Northeast. A storm brought 25 inches of snow to Buffalo, NY during the past few days.

TUESDAY...The freeze reached deeper into Florida, hurting fruits and vegetables throughout the State. The Homestead area had 27-28 degrees, while Miami had their second lowest temperature ever at 30 degrees. And just as unusual, snow flurries were reported south of Tampa this morning. The record cold over the eastern two-thirds of the Nation finally peaked, but temperatures still had a long way to climb back to normal. In contrast, the far West and Southwest continued mild.

WEDNESDAY...After another cold night in Florida with two-thirds of the State being frozen, the Nation east of the Rockies began to warm during the afternoon. Light precipitation spread into the central and western Gulf States, Arizona, and the Great Lakes region.

THURSDAY...The East and South warmed, while another arctic outbreak began moving into the northern Plains. It was not as severely cold as the preceding record. Snow fell across the North from the Great Plains to New England.

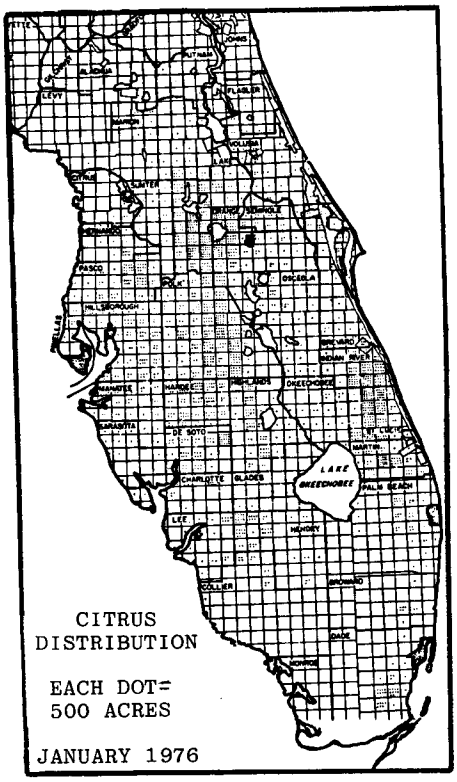
FRIDAY...The new batch of frigid air pushed through the central Plains and Great Lakes region, triggering gusty winds and snow. Wind chills reached 60 degrees below zero across the upper Midwest.

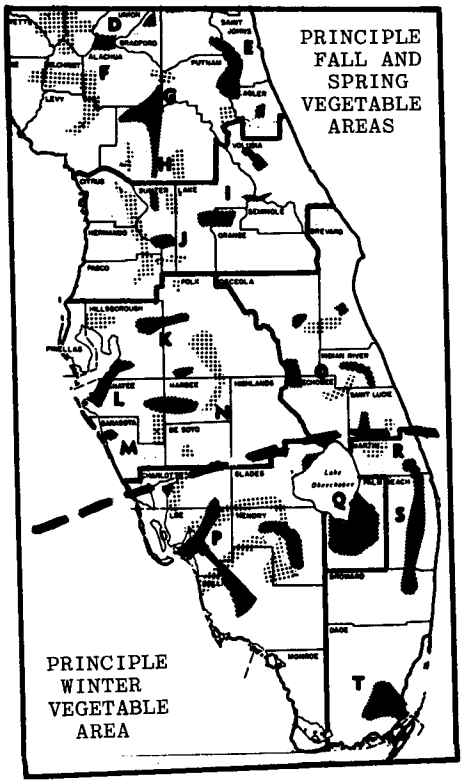
SATURDAY...The arctic air moved into the Southeast, bringing more cold to Florida which should slow fruit and vegetable deterioration that were caused by the earlier severe freeze. Rainy weather over the Southwest began spreading eastward.

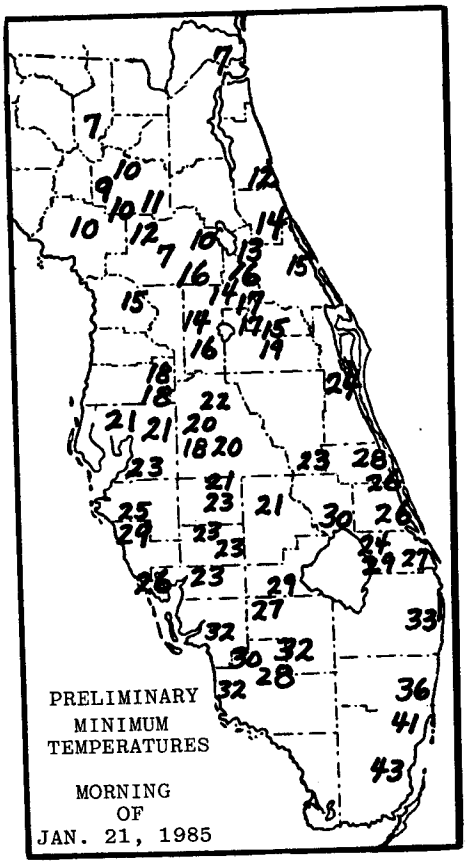
Contents Page

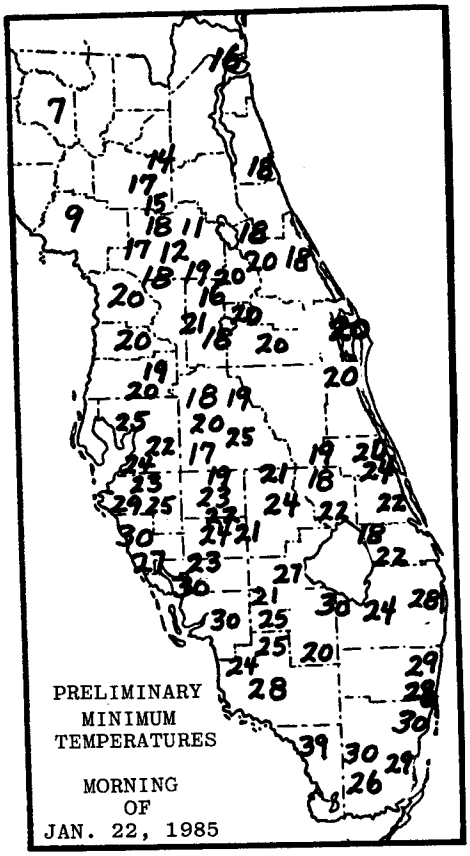
National Weather Summary 1
Severe Freeze of Florida's Citrus & Vegetables 2
Snow Cover and Extreme Minimum Temperature . . 3
Average Temperature & Departure 4
Precipitation & North American Satellite . . . 5
Weather Data for Selected Cities 6
Heating Degree Days Table 9
National Agricultural Summary 10
State Summaries of Weather & Agriculture . . . 11
Heating Degree Days Maps 15
Global Weather Satellite Photo 16
International Weather & Crop Summary 17
Subscription & Mailing Permit Information . . 20

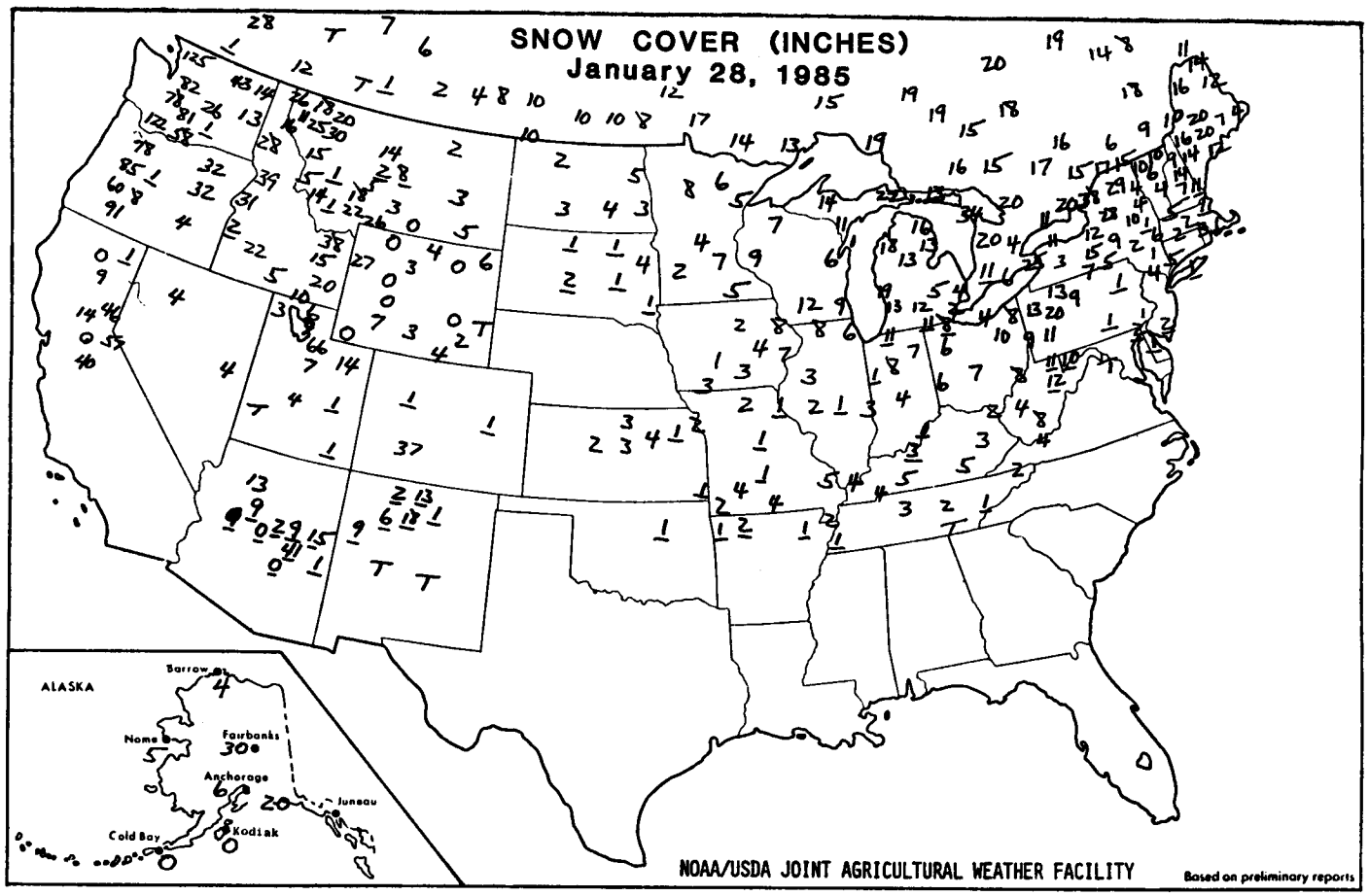
SEVERE FREEZE OF FLORIDA'S CITRUS AND VEGETABLES
JANUARY 21-22, 1985

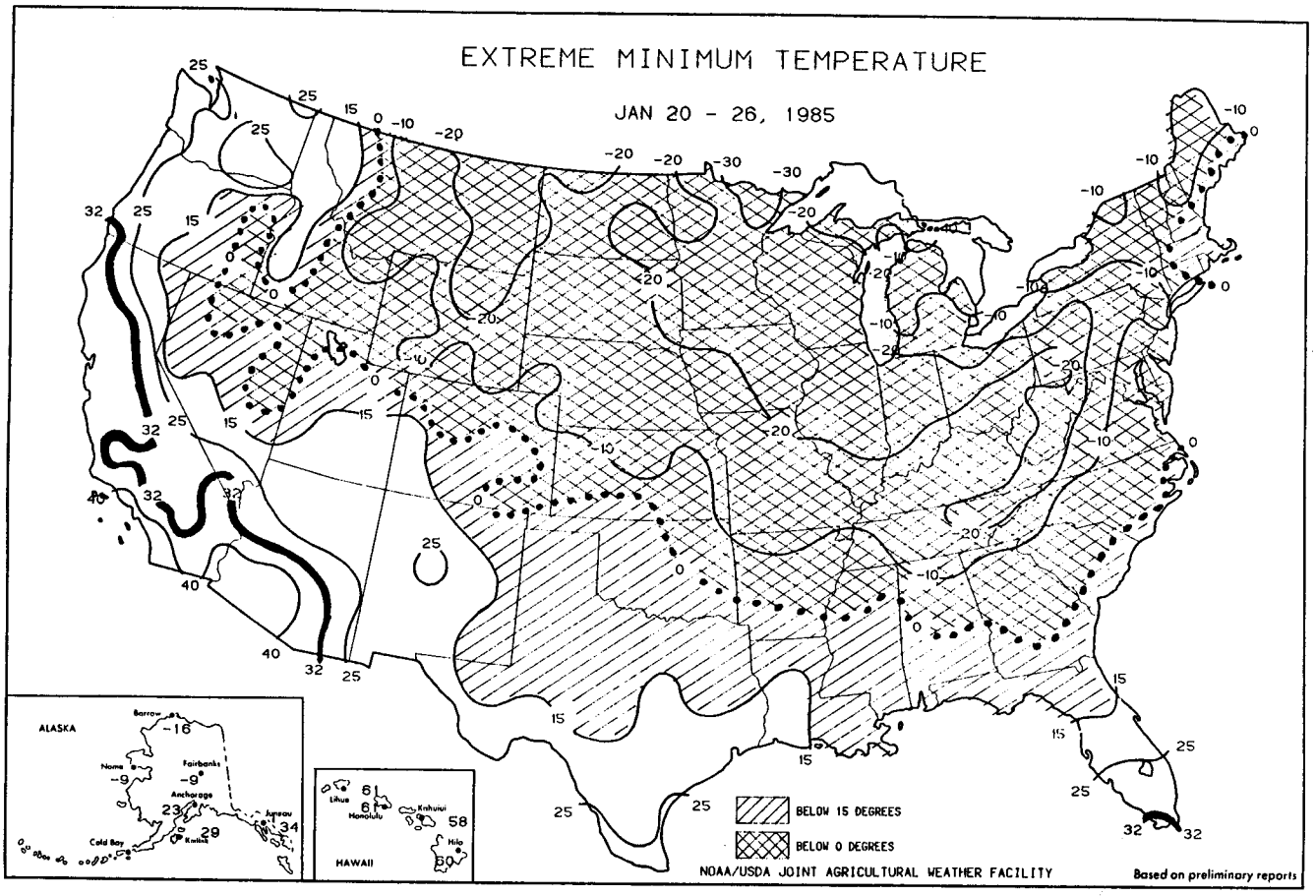


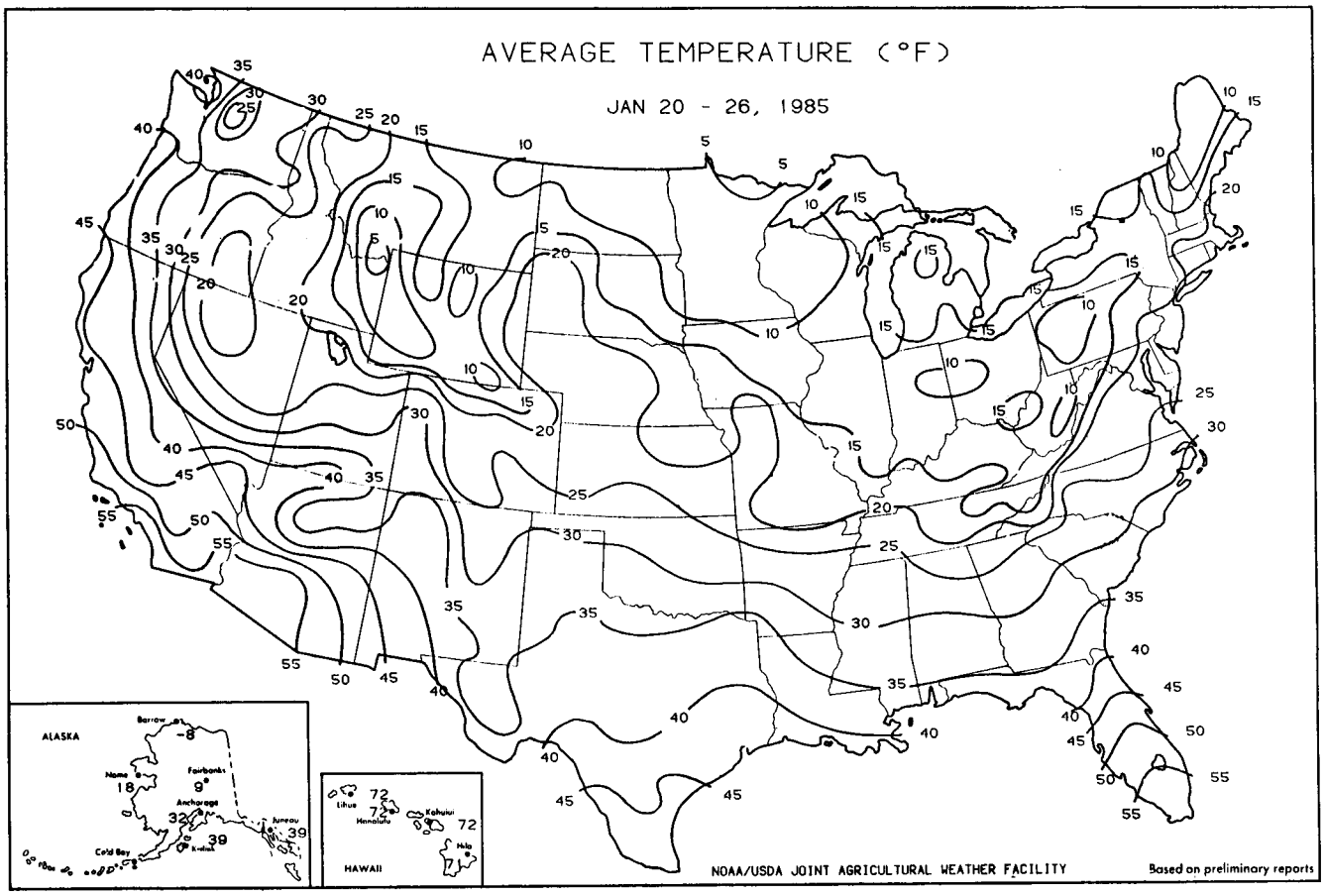


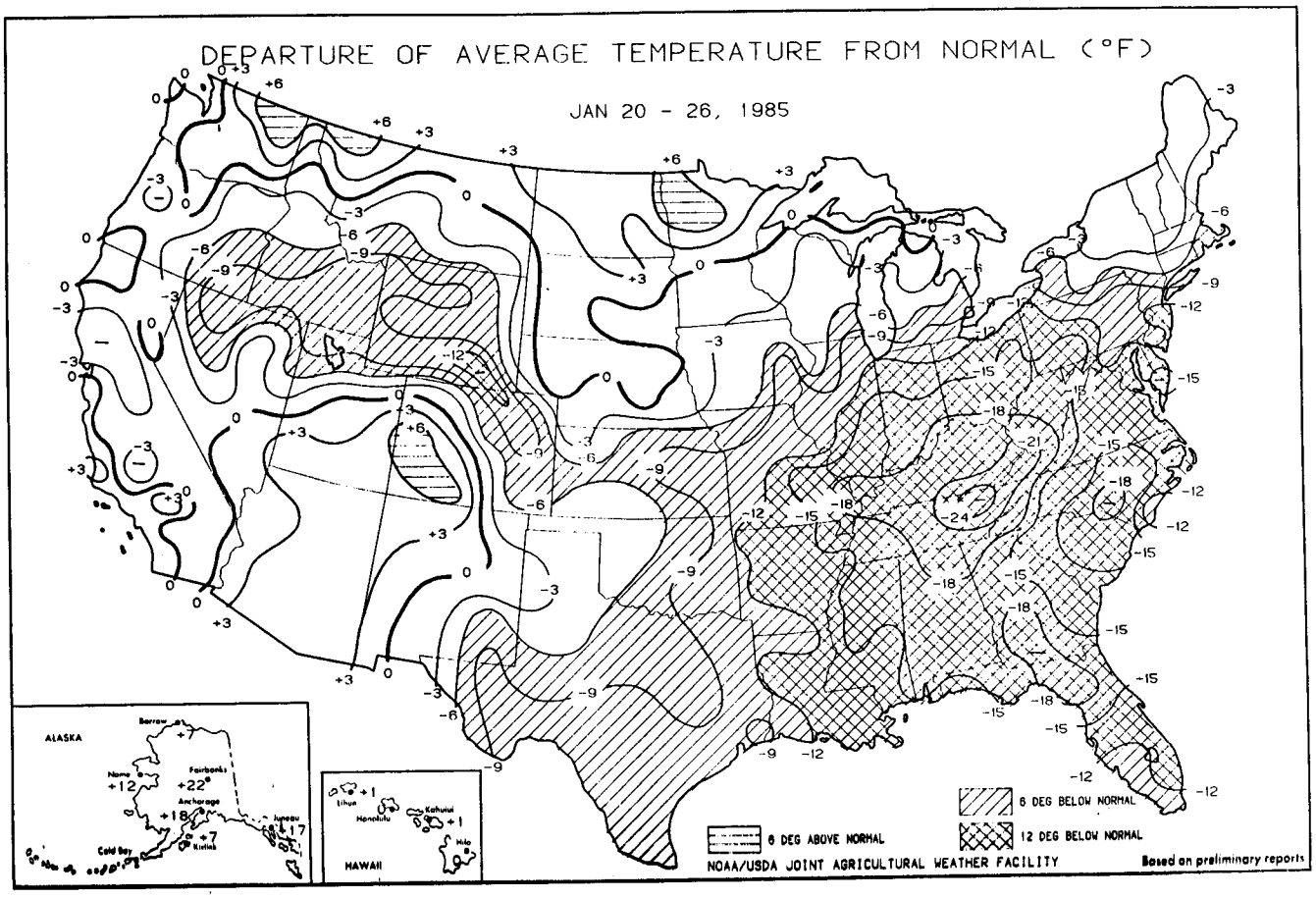


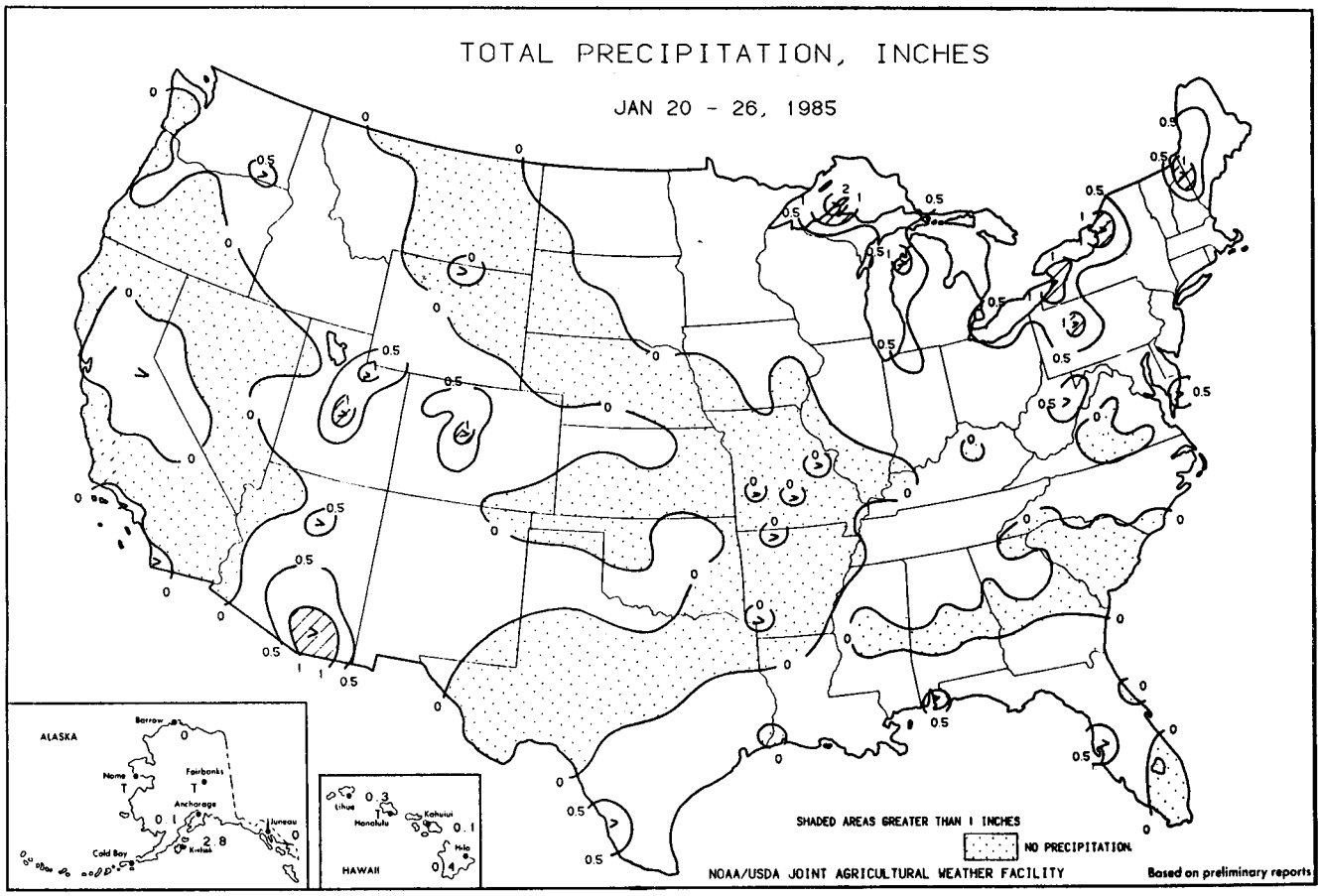


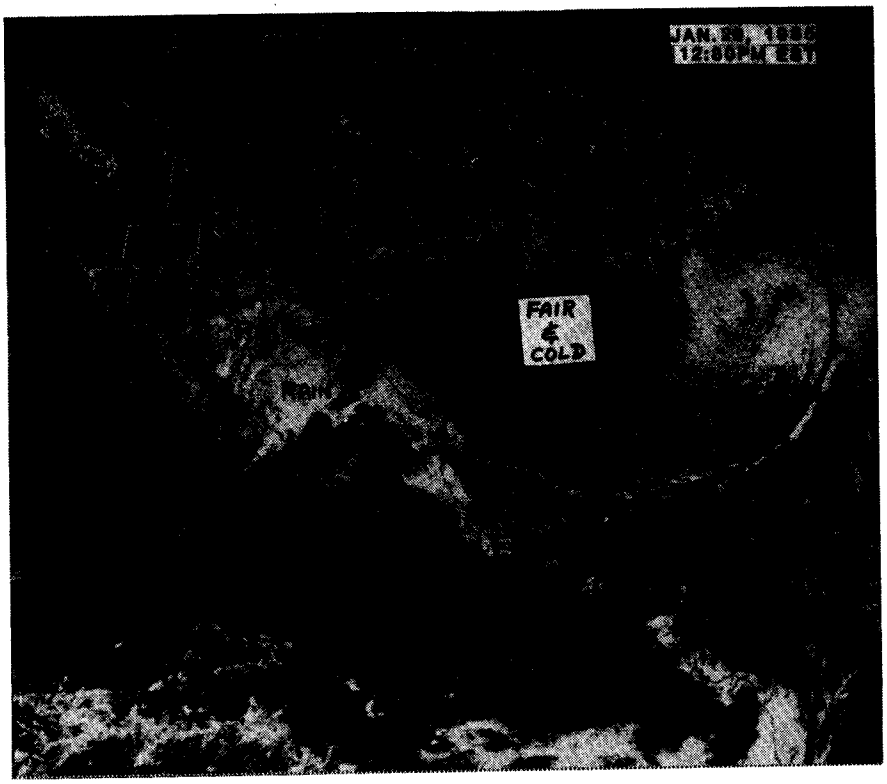

SNOW COVER (INCHES)
January 28, 1985
ALASKA
Barrow
Nome
Fairbanks
Anchorage
Juneau
Cold Bay
Kodiak
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


EXTREME MINIMUM TEMPERATURE
JAN 20 - 26, 1985
ALASKA
Barrow
Nome
Fairbanks
Anchorage
Juneau
Cold Bay
Kodiak
HAWAII
Lihue
Honolulu
Kahului
Hilo
BELOW 15 DEGREES
BELOW 0 DEGREES
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


AVERAGE TEMPERATURE (°F)
JAN 20 - 26, 1985
ALASKA
HAWAII
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


DEPARTURE OF AVERAGE TEMPERATURE FROM NORMAL (°F)
JAN 20 - 26, 1985
ALASKA
HAWAII
6 DEG ABOVE NORMAL
6 DEG BELOW NORMAL
12 DEG BELOW NORMAL
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports





THE ARCTIC AIR MOVED INTO THE SOUTHEAST, BRINGING MORE COLD TO FLORIDA WHICH SHOULD SLOW FRUIT AND VEGETABLE DETERIORATION THAT WERE CAUSED BY THE EARLIER SEVERE FREEZE. RAINY WEATHER OVER THE SOUTHWEST BEGAN SPREADING EASTWARD.

Weather Data for the Week Ending January 26, 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	41	11	56	-6	26	-17	.1	-1.1	.1	4.1	44	1.6	36	84	31	0	7	1	0
MOBILE	48	22	62	3	35	-16	.5	-.5	.4	5.7	62	3.6	95	80	33	0	5	2	0
MONTGOMERY	45	17	62	0	31	-16	T	-.9	T	7.4	89	2.8	80	78	33	0	7	0	0
AK ANCHORAGE	37	27	46	23	32	18	.1	-.1	.1	1.8	105	.8	114	94	67	0	7	3	0
BARROW	-5	-11	-3	-16	-8	7	T	-.1	T	.1	35	0	0	76	63	0	7	0	0
FAIRBANKS	19	-2	26	-9	9	22	T	-.1	T	3.5	291	T	60	90	79	0	7	2	0
JUNEAU	42	36	45	34	39	17	T	-.8	T	.9	12	.9	32	99	77	0	0	0	0
KODIAK	42	36	43	29	39	7	2.8	.9	1.0	18.0	136	12.5	181	95	73	0	2	6	4
NOME	26	11	38	-9	18	12	T	-.2	T	1.4	101	T	29	86	62	0	7	2	0
AZ PHOENIX	67	50	73	44	59	6	.7	.5	.5	3.8	259	.9	150	81	42	0	0	3	1
PRESCOTT	50	31	59	27	40	4	.5	.1	.4	4.0	128	1.0	67	92	53	0	5	3	0
TUCSON	62	45	71	39	54	3	1.4	1.2	.7	4.9	296	1.7	243	82	50	0	0	3	1
YUMA	68	49	75	44	58	2	T	-.1	T	1.5	219	T	33	69	35	0	0	0	0
AR FORT SMITH	38	15	53	-1	27	-11	T	-.4	T	6.8	157	.7	47	77	34	0	7	0	0
LITTLE ROCK	40	16	58	-6	28	-11	T	-.8	T	6.7	94	1.1	35	76	43	0	7	0	0
CA BAKERSFIELD	50	37	60	32	44	-5	T	-.2	T	1.2	82	T	25	95	71	0	1	0	0
EUREKA	55	41	56	38	48	0	0	-1.6	0	4.8	40	T	3	93	81	0	0	0	0
FRESNO	48	39	56	34	44	-3	T	-.5	T	2.4	72	T	24	90	73	0	0	1	0
LOS ANGELES	61	51	67	49	56	0	T	-.8	T	4.4	105	T	8	85	53	0	0	1	0
RED BLUFF	52	36	60	32	44	-2	T	-1.0	T	2.6	35	.6	16	90	59	0	2	1	0
SACREMENTO	45	40	53	37	42	-4	T	-.9	T	1.6	26	T	12	91	77	0	0	1	0
SAN DIEGO	64	53	67	48	59	2	T	-.5	T	4.8	150	T	11	79	54	0	0	1	0
SAN FRANCISCO	49	41	53	39	45	-4	.1	-1.0	.1	2.4	32	.6	15	94	72	0	0	1	0
CO DENVER	34	10	48	0	22	-8	.2	0	.1	.8	83	T	100	89	39	0	7	3	0
GRAND JUNCTION	42	25	48	21	33	7	.2	0	.2	.8	71	T	80	85	50	0	7	1	0
PUEBLO	38	15	49	10	26	-4	T	-.1	T	.8	134	T	133	94	48	0	7	1	0
CT BRIDGEPORT	28	15	39	-2	22	-7	T	-.7	T	3.5	53	1.0	36	78	45	0	7	1	0
HARTFORD	28	12	37	1	20	-5	T	-.8	T	3.2	45	.7	23	76	45	0	7	1	0
DC WASHINGTON	32	12	44	-4	22	-13	.1	-.5	.1	2.8	51	1.6	70	74	37	0	7	3	0
FL APALACHICOLA	51	25	64	9	38	-15	.5	-.3	.4	4.1	63	3.2	110	75	32	0	6	2	0
DAYTONA BEACH	59	28	74	15	43	-15	T	-.6	T	1.0	24	.8	44	73	27	0	6	0	0
JACKSONVILLE	53	23	66	7	38	-16	.1	-.7	.1	.3	7	T	8	75	23	0	6	2	0
KEY WEST	69	54	78	49	61	-7	T	-.4	T	.4	14	T	21	75	50	0	0	2	0
MIAMI	67	42	79	30	55	-13	T	-.5	T	1.1	29	T	24	84	32	0	1	0	0
ORLANDO	58	31	73	19	45	-15	T	-.5	T	1.1	31	.9	53	92	36	0	4	2	0
TALLAHASSEE	50	20	67	6	35	-17	.4	-.7	.2	3.9	46	2.5	64	85	31	0	6	2	0
TAMPA	59	35	69	21	47	-13	.7	.1	.3	1.9	50	1.9	106	92	44	0	3	3	0
WEST PALM BEACH	65	40	77	28	53	-12	T	-.6	T	1.0	21	.8	35	89	34	0	3	0	0
GA ATLANTA	40	12	53	-8	26	-16	T	-1.1	T	6.3	76	2.7	66	69	31	0	7	1	0
AUGUSTA	47	17	59	-1	32	-13	0	-.9	0	4.1	62	2.8	85	76	24	0	6	0	0
MACON	45	14	58	-6	29	-17	T	-1.0	T	3.9	51	1.9	54	89	32	0	7	0	0
SAVANNAH	49	21	63	3	35	-15	T	-.7	T	.4	7	T	12	66	21	0	6	0	0
HI HILO	80	62	82	60	71	0	.4	-1.8	.3	12.3	60	.7	9	89	52	0	0	2	0
HONOLULU	80	64	83	61	72	0	T	-.8	T	6.5	98	1.1	34	90	62	0	0	1	0
KAHULUI	83	62	85	58	72	1	.1	-.9	.1	.7	11	T	9	91	56	0	0	1	0
LIHUE	79	64	81	61	72	1	.3	-1.1	.3	5.8	54	1.8	33	87	61	0	0	1	0
ID BOISE	30	15	34	5	22	-8	T	-.3	T	.7	25	T	7	88	65	0	7	1	0
LEWISTON	35	28	37	25	32	-1	.2	-.1	.2	.7	29	T	17	86	68	0	7	1	0
POCATELLO	23	3	32	-8	13	-11	.2	0	.2	1.1	54	.5	50	85	65	0	7	2	0
IL CHICAGO	19	1	28	-27	10	-11	.1	-.2	.1	4.3	124	1.4	100	84	60	0	7	2	0
MOLINE	23	4	32	-21	14	-6	.1	-.2	.1	4.3	130	.8	57	71	53	0	7	2	0
PEORIA	23	3	32	-22	13	-8	.1	-.2	.1	4.7	139	.9	64	87	61	0	7	2	0
QUINCY	24	3	34	-21	14	-10	T	-.3	T	5.1	177	.6	50	83	54	0	7	0	0
ROCKFORD	20	-1	30	-26	10	-8	.1	-.2	0	4.5	146	.8	67	86	58	0	7	2	0
SPRINGFIELD	23	2	35	-21	13	-12	T	-.3	T	4.4	131	.5	38	82	57	0	7	2	0
IN EVANSVILLE	24	6	36	-16	15	-15	T	-.6	T	7.1	119	1.1	44	78	49	0	7	0	0
FORT WAYNE	18	5	29	-22	11	-12	.3	-.1	.2	5.2	124	2.0	111	82	64	0	7	5	0
INDIANAPOLIS	19	2	30	-22	11	-15	.2	-.3	.2	5.8	110	1.2	52	82	59	0	7	3	0
SOUTH BEND	19	5	28	-21	12	-11	.6	.1	.4	6.9	136	2.4	114	83	61	0	7	6	0
IA DES MOINES	24	3	34	-20	14	-4	T	-.2	T	2.9	158	.5	63	77	51	0	7	1	0
SIOUX CITY	26	6	39	-16	16	0	T	-.1	T	1.6	132	T	60	72	50	0	7	0	0
WATERLOO	22	1	31	-23	11	-2	T	-.2	T	1.6	88	T	57	78	58	0	7	1	0
KS CONCORDIA	27	6	38	-17	17	-8	.1	-.1	.1	4.6	381	1.0	200	93	73	0	7	1	0
DODGE CITY	35	15	56	-1	25	-4	T	-.1	T	3.1	345	.7	175	80	45	0	7	0	0
GOODLAND	33	14	46	-4	24	-4	T	-.1	T	.9	122	T	100	85	54	0	7	1	0
TOPEKA	30	8	40	-12	19	-8	0	-.2	0	2.8	136	.5	71	78	53	0	7	0	0
WICHITA	34	14	45	-5	24	-6	T	-.1	T	4.9	317	T	33	82	51	0	7	0	0
KY BOWLING GREEN	26	4	43	-14	15	-19	T	-1.0	T	6.6	80	1.5	41	90	48	0	7	1	0
LEXINGTON	21	4	34	-18	12	-19	T	-.8	T	5.8	85	.9	30	83	59	0	7	0	0
LOUISVILLE	23	5	36	-16	14	-18	T	-.8	T	7.1	113	1.3	45	79	50	0	7	1	0
LA ALEXANDRIA	49	28	65	16	39	-14	T	-1.0	T	3.6	40	1.5	38	79	35	0	5	2	0
BATON ROUGE	49	25	65	9	37	-14	.2	-.8	.2	6.2	71	2.8	74	81	35	0	5	1	0
LAKE CHARLES	52	30	71	15	41	-10	.1	-.9	0	5.8	67	1.7	47	91	38	0	3	2	0
NEW ORLEANS	49	27	65	14	38	-14	.2	-.9	.2	5.6	59	3.0	73	78	38	0	5	2	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending January 26, 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	48	23	67	10	35	-11	T	-.9	T	4.2	58	1.7	50	77	33	0	6	0	0
ME CARIBOU	16	0	22	-11	8	-2	.3	-.2	.3	3.7	71	.9	45	86	62	0	7	2	0
PORTLAND	27	10	35	2	18	-3	.1	-.8	.1	4.4	58	1.0	31	79	44	0	7	1	0
MD BALTIMORE	30	11	42	-6	20	-12	T	-.6	T	2.9	49	1.5	60	59	34	0	7	1	0
SALISBURY	31	10	43	-2	20	-15	.2	-.5	.1	3.7	56	1.7	61	87	44	0	7	2	0
MA BOSTON	29	15	35	6	22	-7	.1	-.8	.1	4.0	51	1.0	30	73	48	0	7	1	0
CHATHAM	29	18	36	7	24	-7	.3	-.7	.2	4.8	55	1.6	44	--	--	0	7	2	0
MI ALPENA	23	10	28	-7	17	0	.2	-.2	.2	3.6	109	1.5	107	95	65	0	7	1	0
DETROIT	23	9	31	-14	16	-7	.5	.1	.3	5.2	127	2.5	156	79	56	0	7	5	0
FLINT	23	11	29	-12	17	-4	.3	0	.2	5.6	167	1.9	146	86	69	0	7	3	0
GRAND RAPIDS	21	12	27	-6	16	-5	.5	0	.2	6.2	149	1.8	113	92	67	0	7	7	0
HOUGHTON LAKE	21	6	28	-5	14	-2	.2	-.1	.1	4.3	136	1.3	100	90	66	0	7	5	0
LANSING	21	8	27	-14	14	-7	.3	-.1	.2	5.1	138	1.3	87	89	72	0	7	4	0
MARQUETTE	21	7	25	-19	14	2	.6	.2	.4	5.6	135	2.9	171	96	67	0	7	5	0
MUSKEGON	24	14	30	-3	19	-4	.6	.1	.2	6.8	147	2.2	110	85	70	0	7	5	0
SAULT STE. MARIE	20	5	26	-18	13	0	.7	.2	.2	7.2	165	2.1	111	86	61	0	7	7	0
MN ALEXANDRIA	17	-3	28	-24	7	2	.1	-.1	.1	1.7	113	.7	100	86	58	0	7	2	0
DULUTH	16	-1	22	-28	8	2	.1	-.2	0	2.3	98	T	40	84	55	0	7	2	0
INT'L FALLS	14	-6	20	-34	4	4	T	-.2	T	1.6	96	T	38	87	63	0	7	2	0
MINNEAPOLIS	20	0	28	-24	10	-1	.3	.1	.2	3.0	191	.8	114	71	46	0	7	2	0
ROCHESTER	18	-2	27	-25	8	-2	.1	0	.1	2.3	159	.6	100	88	67	0	7	2	0
MS GREENWOOD	40	17	56	0	29	-15	T	-1.1	T	2.8	29	1.9	43	84	42	0	6	0	0
JACKSON	46	17	64	2	31	-15	T	-1.1	T	3.6	37	1.4	33	93	36	0	7	0	0
MERIDIAN	50	18	63	5	34	-12	T	-1.1	T	4.6	46	1.0	24	82	29	0	7	0	0
MO CAPE GIRARDEAU	28	6	40	-15	17	--	T	-.6	T	8.4	135	.9	36	82	48	0	7	0	0
COLUMBIA	27	7	37	-17	17	-10	T	-.4	T	5.4	166	.7	54	85	55	0	7	0	0
KANSAS CITY	28	6	37	-14	17	-9	T	-.2	T	4.3	188	.8	89	82	57	0	7	0	0
SAINT LOUIS	28	9	39	-18	19	-10	T	-.4	T	5.0	138	T	21	86	48	0	7	0	0
SPRINGFIELD	30	10	40	-13	20	-11	T	-.4	T	7.9	204	.9	69	72	44	0	7	0	0
MT BILLINGS	27	9	47	-13	18	-3	0	-.2	0	1.0	63	T	25	80	51	0	7	0	0
GLASGOW	19	-1	34	-22	9	1	T	-.1	T	.6	75	0	0	87	59	0	7	0	0
GREAT FALLS	29	7	49	-17	18	0	T	-.2	T	1.3	77	T	22	80	48	0	7	1	0
HAVRE	24	-1	37	-17	12	1	0	-.1	0	.6	59	0	0	86	58	0	7	0	0
HELENA	23	2	32	-5	13	-6	T	-.1	T	.6	47	T	17	96	64	0	7	1	0
KALISPELL	28	22	33	13	25	5	T	-.3	T	1.3	45	T	7	81	66	0	7	1	0
MILES CITY	23	1	39	-24	12	-2	T	-.1	T	.6	59	T	20	85	60	0	7	0	0
MISSOULA	29	20	36	16	24	3	T	-.3	T	.7	30	T	8	88	69	0	7	1	0
NE GRAND ISLAND	32	10	46	-12	21	1	T	-.1	T	1.6	145	T	50	77	45	0	7	0	0
LINCOLN	30	6	40	-14	18	-1	T	-.1	T	3.6	314	T	40	87	52	0	7	0	0
NORFOLK	27	7	39	-14	17	0	T	-.1	T	1.3	128	T	50	80	53	0	7	0	0
NORTH PLATTE	29	10	40	-11	20	-2	T	-.1	T	1.2	163	.5	167	91	58	0	7	0	0
OMAHA	27	6	38	-17	17	-2	T	-.2	T	4.8	367	T	50	78	63	0	7	0	0
SCOTTSBLUFF	36	10	50	-11	23	-2	T	-.1	T	1.1	120	.6	150	73	37	0	7	0	0
VALENTINE	29	8	43	-15	19	0	T	-.1	T	.4	76	T	150	81	52	0	7	0	0
NV ELY	38	5	51	-6	22	-3	.1	0	.1	1.3	91	.5	83	89	55	0	7	3	0
LAS VEGAS	56	37	62	32	46	1	0	-.1	0	1.9	265	T	50	76	38	0	1	0	0
RENO	44	19	53	14	32	-1	.1	-.2	.1	.3	13	T	20	97	46	0	7	2	0
WINNEMUCCA	35	1	39	-4	18	-12	0	-.2	0	1.0	63	.7	88	99	62	0	7	0	0
NH CONCORD	25	7	34	0	16	-3	T	-.6	T	3.6	62	.9	38	80	54	0	7	1	0
NJ ATLANTIC CITY	28	10	44	-9	19	-12	.5	-.3	.2	3.3	51	1.5	52	81	46	0	7	3	0
NM ALBUQUERQUE	44	29	49	25	36	1	.1	0	.1	1.7	197	T	100	97	62	0	6	2	0
CLOVIS	45	24	54	14	34	-3	.1	0	.1	1.7	154	T	80	68	35	0	5	1	0
ROSWELL	45	23	60	14	34	-8	.1	0	.1	1.0	213	T	50	89	41	0	7	1	0
NY ALBANY	26	13	34	-2	19	-2	T	-.5	T	3.1	62	.6	30	90	54	0	7	1	0
BINGHAMTON	19	7	29	-15	13	-8	.1	-.4	0	4.2	83	1.1	52	92	55	0	7	4	0
BUFFALO	22	11	28	-10	16	-7	1.3	.6	.5	7.6	128	4.2	162	91	72	0	7	7	0
NEW YORK	29	16	40	-3	22	-9	T	-.7	T	3.2	50	.7	27	75	48	0	7	2	0
ROCHESTER	22	12	30	-9	17	-6	.6	.1	.3	5.4	120	2.2	116	86	60	0	7	7	0
SYRACUSE	25	15	34	-4	20	-2	.7	.1	.2	6.6	124	2.3	105	91	62	0	7	6	0
NC ASHEVILLE	32	4	51	-16	18	-19	T	-.8	T	3.3	52	2.0	69	84	37	0	7	0	0
CHARLOTTE	41	11	54	-5	26	-15	T	-.9	T	5.6	86	3.2	100	75	24	0	7	1	0
GREENSBORO	37	8	50	-8	23	-15	.1	-.7	.1	4.8	77	2.9	100	64	28	0	7	1	0
HATTERAS	42	22	61	6	32	-13	.1	-1.1	.1	3.7	44	2.2	55	72	42	0	6	1	0
NEW BERN	43	15	54	1	29	-15	.1	-.8	.1	3.0	43	1.7	52	65	34	0	7	1	0
RALEIGH	37	11	52	-8	24	-16	.1	-.7	.1	5.2	85	2.9	97	66	30	0	7	1	0
WILMINGTON	47	20	60	5	34	-12	T	-.8	T	2.7	41	1.4	47	79	29	0	6	0	0
ND BISMARCK	21	-2	33	-18	10	4	.1	0	.1	.8	85	T	60	85	60	0	7	1	0
FARGO	19	-1	31	-17	9	5	.1	0	.1	1.1	102	T	40	82	57	0	7	3	0
GRAND FORKS	21	-1	32	-19	10	9	.2	0	.1	1.5	118	T	57	81	58	0	7	5	0
WILLISTON	21	-1	33	-18	10	4	T	-.1	T	.4	39	T	20	87	58	0	7	2	0
OH AKRON-CANTON	17	2	28	-24	10	-15	.3	-.3	.1	3.7	78	1.2	55	88	65	0	7	7	0
CINCINNATI	19	4	32	-21	11	-18	T	-.7	T	5.5	98	1.3	50	76	57	0	7	3	0
CLEVELAND	18	4	28	-18	11	-14	.6	0	.2	4.8	100	1.4	67	76	51	0	7	4	0
COLUMBUS	19	5	30	-19	12	-15	.2	-.4	.1	4.0	81	1.2	52	72	53	0	7	4	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending January 26, 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	16	2	28	-24	9	-17	.2	-.4	.2	5.3	112	1.4	64	72	53	0	7	4	0
TOLEDO	18	7	28	-17	12	-11	.1	-.3	.1	4.7	110	1.4	82	82	65	0	7	2	0
YOUNGSTOWN	17	3	27	-20	10	-14	.2	-.4	.1	3.5	69	.6	26	81	66	0	7	2	0
OK OKLAHOMA CITY	38	18	51	1	28	-8	T	-.2	T	8.3	420	T	25	75	39	0	6	1	0
TULSA	38	17	51	-3	28	-7	.1	-.2	.1	9.1	313	.6	55	72	35	0	6	1	0
OR ASTORIA	48	30	56	27	39	-2	T	-2.5	T	7.0	33	.5	5	89	59	0	5	0	0
BURNS	30	13	40	2	21	-7	T	-.1	T	1.1	80	T	20	--	--	0	7	0	0
MEDFORD	52	25	59	20	38	0	0	-.7	0	2.0	30	T	0	98	46	0	7	0	0
PENDLETON	32	29	33	27	30	-3	.4	0	.4	1.3	40	T	27	94	83	0	7	1	0
PORTLAND	48	31	53	25	40	0	T	-1.3	T	2.6	22	T	2	92	52	0	5	1	0
SALEM	49	27	54	20	38	-2	T	-1.5	T	3.8	29	T	3	96	55	0	5	0	0
PA ALLENTOWN	26	11	37	-9	18	-9	.1	-.7	.1	3.6	55	.7	24	85	39	0	7	1	0
ERIE	19	5	29	-16	12	-12	.9	.3	.3	6.3	118	2.3	110	96	78	0	7	7	0
HARRISBURG	26	11	39	-10	18	-11	T	-.6	T	3.2	56	.8	32	66	38	0	7	1	0
PHILADELPHIA	28	11	40	-6	20	-11	.3	-.4	.2	3.4	56	1.3	48	78	40	0	7	2	0
PITTSBURGH	20	4	32	-18	12	-14	.3	-.3	.1	4.3	86	1.3	54	87	59	0	7	5	0
SCRANTON	22	8	33	-14	15	-10	T	-.5	T	2.9	66	.6	32	79	50	0	7	1	0
RI PROVIDENCE	27	13	39	2	20	-8	T	-.9	T	4.2	53	1.1	32	65	38	0	7	1	0
SC CHARLESTON	46	20	60	6	33	-15	T	-.8	T	1.4	24	.8	29	70	28	0	6	0	0
COLUMBIA	45	14	57	-1	30	-16	T	-1.0	T	4.2	58	2.4	65	76	27	0	7	0	0
FLORENCE	42	16	55	0	29	-16	T	-.8	T	2.9	49	2.0	69	76	31	0	7	0	0
GREENVILLE	42	12	59	-4	27	-14	T	-1.0	T	4.5	61	2.3	66	62	22	0	7	0	0
SD ABERDEEN	24	-1	34	-20	11	3	.1	-.1	.1	.8	89	T	50	85	58	0	7	1	0
HURON	25	2	37	-13	14	3	.1	-.1	.1	.9	113	T	133	75	50	0	7	1	0
RAPID CITY	35	12	49	-10	23	3	T	-.1	T	.8	104	T	133	75	43	0	6	0	0
SIOUX FALLS	23	-2	35	-22	10	-2	T	-.1	T	1.3	117	T	75	81	53	0	7	2	0
TN CHATTANOOGA	35	6	51	-10	21	-18	.1	-1.1	.1	3.9	41	2.1	48	78	39	0	7	1	0
KNOXVILLE	29	2	45	-24	15	-23	.3	-.8	.3	4.4	51	1.9	49	87	46	0	7	1	0
MEMPHIS	37	17	53	-4	27	-13	T	-1.0	T	6.2	72	1.9	49	78	41	0	6	0	0
NASHVILLE	29	4	47	-17	17	-20	.1	-.9	.1	3.8	45	1.3	34	80	43	0	7	1	0
TX ABILENE	47	24	64	10	36	-8	T	-.2	T	3.4	210	T	38	69	31	0	5	0	0
AMARILLO	44	18	55	7	31	-4	.1	0	.1	1.1	128	T	50	75	34	0	7	1	0
AUSTIN	50	31	74	17	41	-8	.1	-.3	.1	4.5	137	1.3	100	80	35	0	3	1	0
BEAUMONT	55	34	72	18	44	-8	T	-.9	T	3.9	49	2.0	57	91	38	0	3	0	0
BROWNSVILLE	59	40	75	28	49	-11	.2	-.1	.2	3.3	155	1.5	150	95	58	0	2	2	0
CORPUS CHRISTI	54	36	72	22	45	-11	.2	-.2	.2	2.9	107	2.0	154	85	47	0	3	1	0
DEL RIO	52	32	75	21	42	-9	0	-.1	0	5.2	560	1.2	300	79	41	0	4	0	0
EL PASO	55	31	64	17	43	-2	.3	.2	.2	2.3	340	1.1	367	88	41	0	4	3	0
FORT WORTH	45	23	63	10	34	-10	T	-.4	T	6.8	225	.7	50	74	35	0	5	0	0
GALVESTON	51	35	64	20	43	-10	T	-.6	T	3.9	63	1.2	48	83	49	0	3	0	0
HOUSTON	54	31	71	16	43	-9	T	-.7	T	4.3	68	1.7	63	81	34	0	3	2	0
LUBBOCK	47	21	59	9	34	-5	T	-.1	T	1.2	169	T	33	78	34	0	7	0	0
MIDLAND	48	24	67	11	36	-8	T	-.1	T	1.3	172	.5	167	74	36	0	5	0	0
SAN ANGELO	50	24	71	13	37	-9	T	-.1	T	4.2	364	.7	140	87	34	0	6	0	0
SAN ANTONIO	52	31	75	16	41	-9	.3	-.1	.3	6.0	230	2.6	200	85	37	0	3	1	0
VICTORIA	54	34	72	19	44	-9	.1	-.4	0	6.9	188	2.9	193	93	44	0	3	2	0
WACO	48	27	68	15	38	-8	T	-.4	T	5.6	172	.5	36	79	37	0	4	0	0
WICHITA FALLS	44	20	59	8	32	-8	.1	-.1	.1	5.3	264	T	25	76	35	0	7	1	0
UT BLANDING	41	25	48	21	33	5	.1	-.2	.1	3.1	129	.8	73	90	61	0	7	1	0
CEDAR CITY	43	25	53	20	34	4	T	-.1	T	.9	81	T	40	91	57	0	7	1	0
SALT LAKE CITY	30	14	36	7	22	-7	.3	0	.2	1.6	66	.8	73	90	74	0	7	2	0
VT BURLINGTON	24	8	32	-6	16	0	.3	-.1	.2	4.6	115	1.4	88	81	53	0	7	5	0
VA NORFOLK	36	15	49	-3	26	-14	.1	-.7	.1	5.4	85	3.2	103	61	32	0	7	1	0
RICHMOND	36	11	49	-6	24	-13	.2	-.5	.2	4.3	71	2.8	104	75	34	0	7	1	0
ROANOKE	32	9	45	-11	20	-15	T	-.6	T	3.6	68	1.8	78	58	28	0	7	0	0
WA COLVILLE	34	30	37	25	32	8	.4	-.1	.4	2.5	57	T	21	98	93	0	5	1	0
QUILLAYUTE	50	29	58	22	39	0	.1	-3.3	.1	15.0	52	1.1	9	100	69	0	6	1	0
SEATTLE-TACOMA	43	34	46	27	39	-1	.1	-1.2	.1	5.5	48	.6	12	97	73	0	3	1	0
SPOKANE	31	27	35	24	29	3	.4	-.2	.4	2.6	56	T	19	97	85	0	7	1	0
YAKIMA	32	29	34	25	31	2	T	-.3	T	.6	23	T	8	94	78	0	7	1	0
WV BECKLEY	20	0	36	-22	10	-20	.2	-.6	.1	4.9	80	1.5	52	85	53	0	7	3	0
CHARLESTON	25	8	41	-15	16	-17	.1	-.7	.1	5.7	92	2.0	69	79	42	0	7	3	0
HUNTINGTON	24	7	39	-16	15	-17	.3	-.4	.1	6.6	112	2.2	81	84	52	0	7	4	0
PARKERSBURG	21	6	35	-20	13	-17	.3	-.5	.3	4.7	82	1.3	43	98	70	0	7	3	0
WI GREEN BAY	18	3	27	-25	11	-3	T	-.2	T	2.4	98	.7	70	81	54	0	7	1	0
LA CROSSE	19	-2	27	-27	9	-5	.2	0	.1	3.0	163	.6	75	84	55	0	7	3	0
MADISON	19	2	28	-26	11	-5	.3	.1	.2	3.9	160	1.3	130	78	48	0	7	3	0
MILWAUKEE	20	2	27	-25	11	-7	.2	-.1	.1	6.0	175	1.7	121	77	55	0	7	3	0
WAUSAU	17	-1	26	-27	8	-3	.1	-.2	.1	2.6	129	T	38	81	51	0	7	1	0
WY CASPER	24	6	36	-15	15	-7	T	-.1	T	1.4	160	.7	175	79	53	0	7	0	0
CHEYENNE	28	9	42	-10	18	-8	T	0	T	.9	124	.6	150	88	55	0	7	3	0
LANDER	22	5	30	-5	14	-6	.1	0	.1	.5	51	T	100	79	53	0	7	2	0
SHERIDAN	25	-3	42	-28	11	-8	T	-.2	T	.7	56	T	50	82	50	0	7	1	0
PR SAN JUAN	85	68	87	66	76	0	T	-.6	T	6.8	97	2.2	85	82	49	0	0	0	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 1-26-1985
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	269	115	67	1561	-147	-397	-9	-20
AL MOBILE	MOB	209	104	54	1053	9	-295	1	-22
AL MONTGOMERY	MGM	234	101	62	1203	-175	-306	-13	-20
AK ANCHORAGE	ANC	228	-132	-205	5408	-772	-448	-12	-8
AK BARROW	BRW	505	-54	-47	10369	-333	-239	-3	-2
AK FAIRBANKS	FAI	394	-145	-267	7634	-817	-237	-10	-3
AK JUNEAU	JNU	180	-123	-88	4781	-306	-270	-6	-5
AK KODIAK	ADQ	178	-53	-107	4070	-655	101	-14	3
AK NOME	OME	325	-88	-161	6892	-734	37	-10	1
AZ FLAGSTAFF	FLG	234	-24	-18	3871	67	369	2	11
AZ PHOENIX	PHX	45	-42	-26	729	-147	124	-17	20
AZ TUCSON	TUS	76	-22	-42	1028	26	96	3	10
AZ WINSLOW	INW	182	-45	-70	2789	-26	296	-1	12
AZ YUMA	YUM	44	-19	-14	577	-46	202	-7	54
AR FORT SMITH	FSM	266	74	27	1994	-76	-509	-4	-20
AR LITTLE ROCK	LRI	257	82	23	1865	-23	-496	-1	-21
CA BAKERSFIELD	BFL	148	35	33	1512	226	381	18	34
CA EUREKA	EKA	118	-4	7	2179	-313	443	-13	26
CA FRESNO	FAT	149	18	37	1556	-16	376	-1	32
CA LOS ANGELES	LAX	60	-3	14	727	-20	161	-3	28
CA RED BLUFF	RBL	145	11	48	1735	207	297	14	21
CA SAN DIEGO	SAN	42	-14	6	534	-82	228	-13	75
CA SAN FRANCISCO	SFO	138	26	54	1544	-116	455	-7	42
CA STOCKTON	SCK	161	28	37	1784	227	448	15	34
CO DENVER	DEN	299	51	40	3496	226	-283	7	-7
CO GRAND JUNCTION	GJT	222	-50	-114	3076	-255	-46	-8	-1
CO PUEBLO	PUB	270	26	-7	3189	89	-268	3	-8
CT BRIDGEPORT	BDR	300	48	14	2656	-139	-296	-5	-10
CT HARTFORD	BDL	313	33	-18	3228	-123	-250	-4	-7
DE WILMINGTON	ILG	315	77	8	2582	-111	-420	-4	-14
DC WASHINGTON	DCA	298	88	45	2161	-122	-250	-5	-10
FL APALACHICOLA	AQQ	184	92	89	792	-42	-212	-5	-21
FL DAYTONA BEACH	DAB	151	88	100	467	-44	-199	-9	-30
FL FORT MEYER	FMY	88	53	61	219	-38	-21	-15	-9
FL JACKSONVILLE	JAX	190	100	95	826	-31	-180	-4	-18
FL KEY WEST	EYW	29	15	26	43	-19	-17	**	**
FL MIAMI	MIA	74	53	66	155	48	29	45	23
FL ORLANDO	MCO	141	92	95	446	63	-30	16	-6
FL TALLAHASSEE	TLH	206	108	107	888	-113	-242	-11	-21
FL TAMPA	TPA	127	72	82	434	8	-64	2	-13
FL WEST PALM BEACH	PBI	87	66	79	207	69	37	50	22
GA ATLANTA	ATL	273	112	65	1571	-198	-436	-11	-22
GA AUGUSTA	AGS	231	90	61	1316	-216	-332	-14	-20
GA MACON	MCN	246	113	86	1278	-102	-209	-7	-14
GA SAVANNAH	SAV	212	99	84	1036	-138	-208	-12	-17
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	0	0	0	**	**
ID BOISE	BOI	296	54	-9	3977	709	354	22	10
ID LEWISTON	LWS	233	5	30	3372	268	203	9	6
ID POCATELLO	PIH	359	74	46	4459	531	307	14	7
IL CHICAGO	ORD	382	74	54	3694	194	-348	6	-9
IL MOLINE	MLI	358	37	42	3577	-36	-333	-1	-9
IL PEORIA	PIA	363	56	50	3323	-152	-381	-4	-10
IL ROCKFORD	RFD	387	58	42	3811	-22	-402	-1	-10
IL SPRINGFIELD	SPI	364	79	49	3111	-47	-453	-1	-13
IN EVANSVILLE	EVV	348	105	46	2547	-156	-412	-6	-14
IN FORT WAYNE	FWA	374	80	44	3119	-316	-419	-9	-12
IN INDIANAPOLIS	IND	378	103	56	2891	-251	-549	-8	-16
IN SOUTH BEND	SBN	367	73	40	3215	-217	-542	-6	-14
IA DES MOINES	DSM	354	27	29	3723	66	-386	2	-9
IA DUBUQUE	DBQ	377	29	30	3937	-141	-456	-3	-10
IA SIOUX CITY	SUX	341	-1	26	3862	-66	-449	-2	-10
KS CONCORDIA	CNK	337	55	58	3264	96	-543	3	-14
KS DODGE CITY	DDC	277	28	-16	2898	30	-428	1	-13
KS GOODLAND	GLD	288	24	-16	3446	66	-425	2	-11
KS TOPEKA	TOP	322	50	47	3028	-31	-455	-1	-13
KS WICHITA	ICT	284	36	0	2794	41	-602	1	-18
KY LEXINGTON	LEX	366	128	70	2558	-140	-378	-5	-13
KY LOUISVILLE	SDF	354	123	65	2420	-140	-436	-5	-15
LA BATON ROUGE	BTR	193	88	38	1019	-17	-350	-2	-26
LA LAKE CHARLES	LCH	166	64	33	948	-24	-214	-2	-18
LA NEW ORLEANS	MSY	188	90	47	929	19	-271	2	-23
LA SHREVEPORT	SHV	206	73	13	1204	-172	-698	-13	-37
ME CARIBOU	CAR	400	15	-10	5034	-152	-36	-3	-1
ME PORTLAND	PWM	325	17	-13	3807	-127	-47	-3	-1
MD BALTIMORE	BWI	311	81	26	2428	-148	-400	-6	-14
MA BOSTON	BOS	299	47	20	2973	76	-11	3	0
MI ALPENA	APN	338	2	-29	4228	-140	-351	-3	-8
MI DETROIT	DTW	342	48	5	3409	-117	-463	-3	-12
MI FLINT	FNT	332	24	-16	3467	-271	-539	-7	-13
MI GRAND RAPIDS	GRR	338	31	10	3509	-176	-509	-5	-13
MI HOUGHTON LAKE	HTL	356	14	-6	4158	-227	-357	-5	-8
MI LANSING	LAN	353	45	20	3719	-2	-509	0	-12
MI MARQUETTE	MQT	358	-16	-47	4949	-114	-309	-2	-6
MI MUSKEGON	MKG	322	26	15	3550	-63	-361	-2	-9
MI SAULT ST MARIE	SSM	364	-1	-26	4834	-15	-209	0	-4
MN DULUTH	DLH	398	-15	-12	5229	-157	-143	-3	-3
MN INT'L FALLS	INL	426	-29	-26	5917	22	-90	0	-1
MN MINNEAPOLIS	MSP	382	3	1	4491	39	-380	1	-8
MN ROCHESTER	RST	394	12	22	4534	-39	-464	-1	-9
MN SAINT CLOUD	STC	407	-2	5	4927	-54	-302	-1	-6
MS JACKSON	JAN	234	94	37	1370	-69	-423	-5	-24
MS MERIDIAN	MEI	217	75	14	1278	-228	-492	-15	-28
MO COLUMBIA	COU	333	69	63	2956	15	-434	1	-13
MO KANSAS CITY	MCI	333	59	53	3135	130	-491	4	-14
MO SAINT LOUIS	STL	322	68	61	2706	-105	-393	-4	-13
MO SPRINGFIELD	SGF	312	76	51	2568	-83	-448	-3	-15
MT BILLINGS	BIL	326	17	87	4366	396	240	10	6
MT GLASGOW	GGW	388	-13	66	5361	391	188	8	4
MT GREAT FALLS	GTF	325	0	99	4773	517	146	12	3
MT HAVRE	HVR	371	-9	101	5378	519	137	11	3
MT HELENA	HLN	363	36	126	5023	460	272	10	6
MT KALISPELL	FCA	279	-40	20	5001	278	11	6	0
MT MILES CITY	MLS	367	9	94	4952	509	260	11	6
MT MISSOULA	MSO	284	-20	15	4562	134	-243	3	-5
NE GRAND ISLAND	GRI	304	-8	1	3660	-22	-452	-1	-11
NE LINCOLN	LNK	324	5	15	3557	-60	-539	-2	-13
NE NORFOLK	OFK	336	1	32	3793	-170	-499	-4	-12
NE NORTH PLATTE	LBF	315	9	-12	4086	199	-292	5	-7
NE OMAHA	OMA	336	22	29	3605	81	-591	2	-14
NE VALENTINE	VTN	320	-5	19	4130	57	-434	1	-10
NV ELY	ELY	303	20	32	4366	240	444	6	11
NV LAS VEGAS	LAS	129	-9	0	1653	97	350	6	27
NV RENO	RNO	231	7	23	3349	13	506	0	18
NV WINNEMUCCA	WMC	326	84	68	3963	405	450	11	13
NH CONCORD	CON	342	23	-25	3847	-183	-246	-5	-6
NJ ATLANTIC CITY	ACY	317	81	38	2463	-210	-438	-8	-15
NM ALBUQUERQUE	ABQ	198	-10	-44	2794	207	310	8	12
NM ROSWELL	ROW	215	51	17	2179	232	54	12	3
NY ALBANY	ALB	320	10	-22	3421	-305	-519	-8	-13
NY BINGHAMTON	BGM	364	56	41	3547	-328	-285	-8	-7
NY BUFFALO	BUF	339	45	27	3443	-93	-334	-3	-9
NY NEW YORK	LGA	296	58	28	2353	-221	-345	-9	-13
NY ROCHESTER	ROC	335	41	14	3263	-241	-398	-7	-14
NY SYRACUSE	SYR	314	13	-22	3584	27	-382	1	-10
NC ASHEVILLE	AVL	324	128	86	2339	-92	-216	-4	-8
NC CAPE HATTERAS	HAT	229	89	73	1219	-157	-275	-11	-18
NC CHARLOTTE	CLT	271	102	57	1821	-118	-313	-6	-15
NC GREENSBORO	GSO	293	100	57	2082	-133	-386	-6	-16
NC RALEIGH DURHAM	RDU	285	107	65	1918	-103	-307	-5	-14
NC WILMINGTON	ILM	217	75	52	1164	-258	-386	-18	-25
ND BISMARCK	BIS	383	-28	37	5267	201	-53	4	-1
ND FARGO	FAR	388	-39	-2	5187	6	-247	0	-5
ND WILLISTON	ISN	379	-32	30	5627	452	236	9	4
OH AKRON-CANTON	CAK	385	102	66	3251	-92	-189	-3	-5
OH CLEVELAND	CLE	373	93	51	3243	-30	-363	-1	-10
OH COLUMBUS	CMH	368	100	50	2995	-134	-409	-4	-12
OH CINCINNATI	CVG	373	118	52	2732	-191	-588	-7	-18
OH DAYTON	DAY	389	116	54	3131	4	-471	0	-13
OH TOLEDO	TOL	367	72	21	3438	-114	-491	-3	-12
OH YOUNGSTOWN	YNG	381	93	58	3334	-163	-358	-5	-10
OK OKLAHOMA CITY	OKC	256	53	23	2243	58	-394	3	-15
OK TULSA	TUL	260	51	24	2145	-54	-359	-2	-14
OR ASTORIA	AST	179	11	43	2897	165	152	6	6
OR BURNS	BNW	291	35	-6	4703	858	200	22	4
OR MEDFORD	MFR	186	-1	16	2655	-6	181	0	7
OR PENDLETON	PDT	241	18	50	3406	402	153	13	5
OR PORTLAND	PDX	176	-5	27	2550	4	133	0	6
OR SALEM	SLE	190	11	49	2828	179	447	7	19
PA ALLENTOWN	ABE	325	59	1	2831	-323	-490	-10	-15
PA ERIE	ERI	367	80	63	3109	-349	-302	-10	-9
PA HARRISBURG	CXY	328	76	3	2667	-250	-644	-9	-19
PA PHILADELPHIA	PHL	316	78	14	2541	-134	-369	-5	-13
PA PITTSBURGH	PIT	371	98	56	3054	-190	-437	-6	-13
PA SCRANTON	AVP	350	70	31	3094	-323	-405	-9	-12
RI PROVIDENCE	PVD	313	54	12	2986	-98	-14	-3	0
SC CHARLESTON	CHS	222	102	86	1197	-70	-76	-6	-6
SC COLUMBIA	CAE	247	104	64	1513	-53	-273	-3	-15
SC GREENVILLE	GSP	265	97	56	1786	-100	-425	-5	-19
SD ABERDEEN	ABR	375	-23	16	4831	40	-229	1	-5
SD HURON	HON	357	-21	12	4415	-115	-322	-3	-7
SD RAPID CITY	RAP	290	-20	38	4019	37	-331	1	-8
SD SIOUX FALLS	FSD	380	10	50	4252	-162	-480	-4	-10
TN CHATTANOOGA	CHA	309	127	68	1971	-127	-369	-6	-16
TN KNOXVILLE	TYS	345	156	108	2105	-37	-311	-2	-13
TN MEMPHIS	MEM	263	86	32	1728	-169	-444	-9	-20
TN NASHVILLE	BNA	335	139	67	2113	-63	-320	-3	-13
TX ABILENE	ABI	204	51	25	1773	170	-172	11	-9
TX AMARILLO	AMA	237	30	-28	2507	74	-357	3	-12
TX AUSTIN	AUS	169	50	18	1067	-26	-341	-2	-24
TX BROWNSVILLE	BRO	108	53	15	442	51	-215	13	-33
TX CORPUS CHRISTI	CRP	135	61	14	653	46	-299	8	-31
TX DEL RIO	DRT	161	58	28	1060	57	-259	6	-20
TX EL PASO	ELP	154	12	-17	1805	114	311	7	21
TX FORT WORTH	DFW	212	69	10	1521	126	-447	9	-23
TX GALVESTON	GLS	153	63	33	739	6	-251	1	-25
TX HOUSTON	IAH	156	53	14	890	-68	-372	-7	-29
TX LUBBOCK	LBB	213	31	10	2129	50	-124	2	-6
TX MIDLAND ODESSA	MAF	200	53	24	1863	228	-20	14	-1
TX SAN ANGELO	SJT	194	59	25	1659	219	-157	15	-9
TX SAN ANTONIO	SAT	163	58	18	1029	23	-334	2	-25
TX VICTORIA	VCT	145	57	23	772	-15	-323	-2	-29
TX WACO	ACT	189	56	2	1333	40	-392	3	-23
TX WICHITA FALLS	SPS	230	56	23	1939	121	-292	7	-13
UT SALT LAKE CITY	SLC	299	48	17	3327	64	280	2	9
VT BURLINGTON	BTV	343	0	-7	3933	-293	-188	-7	-5
VA LYNCHBURG	LYH	298	88	45	2116	-319	-511	-13	-19
VA NORFOLK	ORF	274	96	64	1723	-142	-312	-8	-15
VA RICHMOND	RIC	288	87	39	2064	-182	-499	-8	-19
VA ROANOKE	ROA	311	103	60	2187	-259	-445	-11	-17
WA QUILLAYUTE	UIL	179	-3	28	3300	145	103	5	3
WA SEATTLE-TACOMA	SEA	184	3	41	2875	116	213	4	8
WA SPOKANE	GEG	249	-25	10	4289	411	379	11	10
WA WALLA WALLA	ALW	229	16	37	3240	465	218	17	7
WA YAKIMA	YKM	239	-16	25	3987	484	437	14	12
WV BECKLEY	BKW	380	135	105	2777	-316	-591	-10	-18
WV CHARLESTON	CRW	338	112	60	2344	-306	-410	-12	-15
WV HUNTINGTON	HTS	347	120	57	2483	-163	-400	-6	-14
WV PARKERSBURG	PKB	359	121	75	2520	-234	-378	-8	-13
WI GREEN BAY	GRB	379	19	5	4222	-162	-399	-4	-9
WI LACROSSE	LSE	393	34	40	4223	42	-414	1	-9
WI MADISON	MSN	379	30	32	4096	-104	-433	-2	-10
WI MILWAUKEE	MKE	376	49	47	3763	-114	-309	-3	-8
WY CASPER	CPR	350	50	61	4533	397	49	10	1
WY CHEYENNE	CYS	325	52	52	4325	457	8	12	0
WY LANDER	LND	356	39	6	4567	192	-290	4	-6
WY SHERIDAN	SHR	373	54	87	4873	561	405	13	9

For additional information see bottom of p. 15

NATIONAL AGRICULTURAL SUMMARY

January 20-26

HIGHLIGHTS: Early in the week, hard freeze hit Florida citrus and vegetables. Severe damage to citrus fruit caused the State to impose a one-week embargo on fresh citrus shipments at 7:00 a.m. on the 28th. Overall shipments of vegetables declined 30 percent (%).

Wheat was in mostly good to fair condition with ample snow cover in most regions.

Cotton harvest progressed rapidly in the Texas' High Plains. Unfavorable conditions continued to slow completion in the Trans-Pecos area. Oklahoma's harvest continued to lag behind normal at 90% completion. California growers began seedbed preparation for the 1985 cotton.

Supplemental feeding of livestock continued heavy, although the harsh, bitter cold temperatures moderated somewhat by midweek throughout most of the Nation. Livestock rated mostly good to fair. There were some losses from the cold weather, but losses were minimal thus far. Early calving and lambing continued gaining momentum.

SMALL GRAINS: Winter wheat rated mostly good to fair. In most areas, snow cover continued providing excellent protection from the below-normal temperatures.

Snow cover on Kansas' wheat fields receded further with little or no snow on the ground in western and south central areas. Winterkill has been minimal in these areas. Warmer weather in central and south Texas helped wheat and other small grains recover from the frigid weather. Most fields suffered cold temperature burns. Cold temperatures continued retarding growth in the Texas High Plains.

OTHER CROPS: Harvest of the remaining corn and soybeans progressed as weather and field conditions permitted. The cold weather in Florida damaged some tobacco beds. Some of Kentucky's burley markets were closing as sales declined. Marketing of dark fire-cured tobacco was active in Virginia and Kentucky. Young sugarcane suffered foliage burns from the freezing temperature in Florida; harvest was active.

FRUITS AND NUTS: Florida temperatures moderated slowly from the early week hard freeze. Most of the citrus-producing areas escaped the second blast of cold arctic air which occurred later in the week. Florida imposed a one-week fresh fruit shipping embargo at 7:00 a.m. on the 28th. Sweet orange harvest was winding down in Arizona. California Navel orange harvest continued, but cullage increased due to puncture wounds and ice marks. The tangerine crop is maturing slowly, but Valencia oranges showed color. Lemon harvest continued active in Ventura County.

California growers dethorned date trees in Coachella Valley. Bees were placed in early almond orchards. Producers actively pruned and sprayed stone fruit orchards and vineyards.

VEGETABLES: A massive cold front entered the Florida vegetable areas on the 21st, sending temperatures into the teens in central Florida for several days. Lows reached the twenties as far south as Homestead. Most tender vegetable crops were severely damaged. A second blast of cold air later in the week sent temperatures below freezing for long periods of time. Overall, vegetable shipments declined 30%. Replanting was very active in most areas. Salvage harvest will continue in hard-hit areas for several weeks. Cold, damp conditions hampered harvesting vegetables in Texas' Rio Grande Valley. Freeze damage to most vegetables was light. Onions and broccoli may have been hurt most. San Antonio-Winter Garden vegetable movement is expected to increase as fields dry. Vegetable harvest was active in Arizona's Yuma, Parker, Willcox, and Salt River Valley areas. California's asparagus and cauliflower harvest was light. Imperial Valley lettuce harvest was in full swing. Land preparation and planting of processing tomatoes got underway.

PASTURES AND LIVESTOCK: The easing of temperatures reduced livestock stress; there were some losses from the cold, but losses were minimal. Supplemental feeding continued heavy as temperatures remained much below normal. The cold temperatures reduced pasture conditions to mostly fair to poor.

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 averaged 9 to 17° below normal. Rainfall 0.50 in. statewide.

Activities: Routine care of livestock, poultry, and other general farm chores.

ARIZONA: Sunny, mild weather on 20th and 21st gave way to unsettled conditions with lower maximum and higher minimum temperatures remainder of week. Total new snowfall over Grand Canyon, Mogollon Rim, White Mountains mostly 5 to 15 in. Moisture amounts over eastern two-thirds between 0.50 and 1.50 in., except locally over 2.00 in., mostly over 0.25 in. western third. Average temperatures generally 1° to 6° above normal.

Iceberg lettuce packing active Yuma, above average volumes. Some lettuce packed Parker area. Willcox area growers planting spring lettuce crops. Yuma, Salt River Valley growers harvesting Romaine, Leaf, Boston lettuce, broccoli, cabbage, cauliflower, napa, box choy. Salt River Valley growers also packing carrots, greens, endive, rapini, green onions, parsley, radishes, spinach, turnips, beets. Lemon packing normal volumes, grapeafruit increased with stronger demand. Valencia orange packing started, sweet oranges winding down. Tangerine harvest normal volumes. Demand increased most fruits, vegetables as result of freeze in Florida. Cotton growers shredding, plowing under stalks. Few growers final picking. Wheat, barley seeding 85% complete, behind last year. Over half the acreage up to stand. Stands mostly average condition. Alfalfa stands mostly average condition. Recent rains increased weed problems. Sheeping-off still active.

ARKANSAS: Extreme cold start and end of week. Temperatures averaged 8 to 16° below normal. Highest 63°, lowest -14°. Precipitation ranged from zero to 0.60 in.

Livestock, pasture fair to good. Winter wheat fair to good.

CALIFORNIA: High pressure over State during week kept precipitation amounts to a minimum. Handful of locations reported measurable precipitation, amount light. Many of State's valleys shrouded in fog for week. Temperature averaged below normal in those areas. Areas not dominated by fog, temperature averaged above normal.

Cool, overcast conditions slowed growth small grains. Few fields being planted. Fertilizer, herbicide applications in mature fields. Cotton plowdown continued, some areas behind deadline approaching. Seedbeds prepared cotton, sugar beets. Alfalfa weed control sprayed. Dryland grain planted.

Normal wintertime pruning, spraying operations continued stone fruit orchards, vineyards. Dormant spray hours shortened, fog and drizzle. Haas avocados packed. Date trees dethorned in Coachella Velley. Lemon picking active Ventura County. Navel orange harvest continued, higher cullage due to puncture wounds and ice marks. Navel prices increased last week. Valencia oranges showed color, tangerine maturity slow. Bees placed in early almond orchards. Nursery stock digging active.

Artichoke supplies fairly light, light frost damage. Asparagus harvest light, increasing desert. Broccoli harvest active most districts. Brussels sprouts harvest active. Carrot harvest increased desert. Cauliflower supplies light central coast, harvest continued desert, south coast, San Joaquin Valley. Celery harvest active south coast. Lettuce harvest full swing Imperial Valley. Potato movement from storage active Tulelake-Butte Valley. Digging potatoes, Ker, Riverside areas. Planting processing tomatoes San Joaquin Valley.

Range, pastures holding fairly well, cold weather continues to retard growth. Supplemental feeding necessary many areas. Livestock good condition.

COLORADO: Storms on 21st and 22nd left one foot or more of new snow on northern, central mountains. Elsewhere, snowfall in the 1 to 3 inch range. These storms accompanied by high winds. Little or no precipitation recorded during the rest of period except in southwest, light snow fell on most days. Cold arctic air over eastern areas caused temperatures to remain 5 to 10° below normal. Mountains and San Luis Valley, temperatures 5° above normal.

Care of livestock major farming activity.

FLORIDA: Many record low's recorded over State, morning of 21st as frigid arctic air flowed down Peninsula. Moderation was slow. By the 25th, temperatures returned to slightly below normal when another cold front moved into State. Cold arctic air on night of 26th, long periods of freezing north central but sparing south somewhat.

Soil moisture variable, mostly short, adequate in scattered areas, primarily Panhandle. Extreme cold weather severly stressed small grains. Some tobacco beds damaged. Sugarcane harvest continued. Freezing temperatures caused folliage burns on young crop, little damage to mature cane. Pastures deteriorated sharply statewide, result of early week subfreezing temperatures. Permanent pastures in many southern areas browned by frosts, cold. Forage reserves available for grazing nearly depleted other areas. Damage to winter grazing crops, Upper Peninsula, Panhandle ranged from severe to moderate. Growth stunted due to cold. Overrall, grazing conditions severe, much of north, poor to fair south. Cattle mostly fair condition, poor few areas Panhandle, upper western Peninsula. Citrus in post freeze situation. Temperatures on 21st and 22nd commonly in low 20's, ice in high percentage of fruit samples. Ice does not indicate total fruit loss. Some defoliation many areas. One

week fresh fruit shipping embargo started 7:00 a.m. on 28th. Massive cold front entered the vegetable area on 21st. Low temperatures in the teens in central State for several days, lows reached 20's as far south as Homestead. Severe damage occurred to most tender crops. Overall shipments declined 30% during week. Most areas should be back in good production in 8 to 9 weeks. Crops in Everglades, Dade County received less damage. Replanting is very active in most areas. Salvage harvest will continue, in hard hit areas for several weeks. Light to moderate supplies tomatoes, beans, squash expected from Dade County next several months. Celery, lettuce, escarole, radishes in moderate volume from the Everglades. Damage generally light. Strawberry supplies light until second crop, mid to late February. Pepper, eggplant supplies will be light for several months, after salvage. Sweet corn supplies mostly from Dade County. Potato harvest soon. Cold damage light. Considerable watermelon acreage lost. Replanting active.

GEORGIA: Cold week over the State, average temperatures 9° to 17° below seasonal normal. Rainfall light, most totals less than 0.33 in., no rainfall at some stations. Total rainfall since first of year well below normal entire State.

Soil moisture adequate north, central, short to very short south. Main activities land preparation south, central. Tobacco bed preparation, small grain topdressing continued active. Cold temperatures continued early week, with possible damage to peach, small grains, pasture crops. Extent of damage unknown. Tobacco plants fair condition, most plants survived cold, little or no damage. Replanting of onions in southeast major undertaking; extent of damage can not be determined at this time, feared heavy. Small grain conditions poor to good, mostly fair. Pasture poor to mostly fair. Cattle condition continued fair. Hogs fair.

HAWAII: Weather conditions generally favorable for agricultural crops. Cloudy skies, light scattered showers gave way to clear conditions by mid-week. Temperatures about normal.

Gentle weather provided crops, and farmers, opportunity to recover from damaging winds of previous week. Dry conditions continued in Waimea, a principle vegetable region on Hawaii Island, as a result, farmers given water conservation notice. Output of many crops lower than normal due to wind damage. Especially hard hit banana and papaya fields. Production of vine and bush vegetables will be reduced. Anthurium production will decline due to wind damage to plants and flowers. Head cabbage production continued heavy, may increase next week. Head lettuce production anticipated to remain steady. Banana production will be light, damage to orchards extensive.

IDAHO: High pressure system continued over State bringing cold temperatures, scattered precipitation. Temperatures in north from near normal to 9° above normal. Temperatures in south ranged from 5 to 8° below normal. Precipitation very spotty across State, with departures ranging from 0.69 in. below normal to 0.23 in. above normal.

Farm activity at a minimum due to normal winter conditions. Major activities, basic chores and livestock care. Early calving and lambing continued several locations. Livestock in good condition. Feed supplies available in most areas of State.

ILLINOIS: Average temperature 7° below normal north to 15° below normal south. Precipitation light, 0.10 to 0.50 in. north, zero to -50 in. central and south, snow cover 8 to 15 in. northern third, 3 in. west central, 1 to 3 in. east central, trace southern third.

INDIANA: Temperatures 4 to 6° below normal north, 7 to 9° below south. Precipitation light. Water equivalent total precipitation 0.10 to 0.33 in. Snowfall generally 1 to 2 in., 5 in. some stations north. Soil temperatures in upper 20's. Frost depth close to 4 in. under snow, 8 to 12 in. bare ground.

Snow cover protecting overwintering crops, limiting outside activity. Activities include removing snow, cutting wood, thawing water lines, caring for livestock, preparing taxes, hauling grain, and usual chores. Few fields of corn, soybeans harvested on 23rd and 24th. Some livestock losses from record cold.

IOWA: Dry week, small amounts of snow 24th and 25th. Temperatures moderated from extreme cold and wind chills 20th to seasonable temperatures 21st and thereafter.

Snow cover varied from 1 in. or less west to 8 in. at Dubuque. Livestock in generally good condition, being fed hay and other supplemental feeds. Rental farming arrangements currently being made or changed for 1985.

KANSAS: Precipitation averaged 0.10 to 0.20 in. southeast, generally traces to only a few hundredths elsewhere. Temperatures averaged 22 to 25° in the northeast divisions, 26 to 29° elsewhere. Temperatures ranging normal northwest, 4° below normal central division, 5° below normal southeast.

Snow cover on wheat fields receded fruther during week. Little or no snow on ground west and south central. Little winterkill thus far. Milder temperatures took stress off livestock. Farmers and ranchers able to market crops and livestock, move feed supplies, repair equipment.

KENTUCKY: Coldest temperatures of winter. Readings dropped to 20° below zero some locations on 20th. High temperatures averaged 10 to 20° below normal with high readings in mid 20's to around 30°. Snowfall a trace in northeast to 5 in. in south central. Melted snow water equivalents generally less than 0.25 in.

Farm activity minimal. Burley markets are closing, sales winding down. Farm meetings with declining land values major topic. Cold weather stressing livestock, increasing need for supplemental feed.

LOUISIANA: Rainfall ranged from 0.44 in. to a trace. Average temperatures ranged from 12 to 15° below normal. High 71° low 8°. Many locations set new all time record low temperatures.

Activities: Winter chores and caring for livestock.

MARYLAND and DELAWARE: Week cool, light precipitation as snow. Temperatures averaged 9 to 14° below normal. High temperatures mostly in low to mid 40's. Low temperatures mostly -2 to -6° in southern Maryland, Eastern Shore, -10 to -24° elsewhere. Precipitation averaged 0.14 in. statewide. Snowfall averaged 2 to 4 in., except extreme western Maryland which had 24 in.

Farmers stripping tobacco, preparing books, and repairing machinery.

Delaware: Weather cool, light precipitation. Temperatures 10 to 12° below normal north and central, 16° below normal south. High temperatures in high 30's to mid 40's, low's -5 to -8° central and south, -14° north. Precipitation averaged 0.23 in. Snowfall was mostly 2 to 3 in.

Farmers repairing machinery, doing bookwork.

MICHIGAN: Heavy snowfall throughout State. Entire State covered by a thick blanket of snow. Temperatures averaged 3° below normal across Lower Peninsula, 2° above normal Upper Peninsula.

Farm activities limited to routine chores, repairing machinery and attending winter farm meetings. Hay sales continue at normal pace. Snow cover adequate for fall seeded grains. Calving expected to begin early February.

MINNESOTA: Temperatures averaged near normal to 8° above normal. High: 35°, low: -24°. Precipitation averaged near normal to 0.19 in. below normal. Greatest weekly total: 0.22 in. Snowfall averaged 1 in. northeast, southwest: 2 in. elsewhere. Snow depth averaged 2 in. southwest, 4 to 9 in. elsewhere.

MISSISSIPPI: Bitter cold arctic front pushed into the State on the 21st plunging temperatures 10 to 16° below normal. Extremes -13° at University, 68° at Bay St. Louis. Greatest 24-hours rainfall 2.20 in. on the 27th.

Soil moisture rated adequate to surplus in the State with 3.5 days suitable for fieldwork. Livestock rated fair to good condition. Wheat, pasture acreage in the State rated fair condition. Supplies of hay and feed grains rated adquate.

MISSOURI: Temperatures averaged 12° below normal, ranging from 8° below at Columbia to 16° below normal in Bootheel. Record lows reported early in week. Most of State remained dry, snow fell in scattered areas. Week's end snow fell in southeastern State.

Livestock feeding and care along with machinery repair main activities for farmers.

MONTANA: Very cold Plains early week. Below normal temperatures midweek. Temperatures near normal to 5° below normal, no precipitation. Temperatures cold over southwest, averaging 2 to 7° below normal. Precipitation mostly light, less than 0.25 in. West of Divide temperatures mild and 5° above normal. Precipitation mostly light except for southern portions which received from 0.50 to 0.75 in.

Winter wheat condition remains good. Very little wind damage. Cattle and sheep condition fair to good. Hay supplies short to adequate. Feed grain supplies adequate. Calving and lambing getting started.

NEBRASKA: Temperatures averaged 1 to 4° above normal. Traces of precipitation recorded.

Wheat in good to fair condition.

NEVADA: Weak frontal system brought light snow to northeast corner early in week. Light snow mainly along Sierras and extreme western areas. Dense fog and low clouds persisted in northern valleys. Temperatures averaged 5° below normal northern half, near normal southern areas. Extremes: 66°, 12° below zero. Snow accumulations: 1 to 3 in. lower valleys, 6 to 12 in. high elevations Sierra.

Feeding requirements for livestock continued high. Potato marketing continued.

NEW JERSEY: Temperatures much below normal, averaging 18° north, 22° south and 24° coastal. Extremes were -10° and 46°. Precipitation much below normal, averaging 0.01 in. north, 0.13 in. south and 0.22 in. coastal. Heaviest 24-hour total 0.42 in. on 25th to 26th. Heaviest 24-hour snowfall 4 in. on 25th to 26th. Depth of snow on ground on 28th was 3 in. south, 1 in. central and 1 in. north.

Fieldwork: New Jersey farmers cutting firewood, tending winter chores and livestock. Small grain crops in good condition throughout most of the State. Freezing temperatures and wind reduced outdoor work.

NEW MEXICO: Average temperatures below normal east, near or a little above normal the west. Minimum temperature: 5° northern mountains, maximum temperature: 63° southeastern Plains and southern desert. Precipitation totals between 0.00 to 1.30 in.

Soil moisture supplies short to adequate, mostly adequate. Cotton poor to good, harvest nearing completion. Barley good to excellent, grazing continued. Irrigated dryland wheat fair to excellent, grazing continued. Lettuce planted, wet fields slowed fieldwork. Mechanical pecan harvest at standstill due to wet fields. Cattle fair to excellent, some supplemental feeding. Sheep fair to excellent. Range fair to good, mostly fair.

NEW YORK: Week began with bitter cold as below zero readings occurred throughtout State 21st. Temperatures failed to reach teens anywhere on 21st. Weather moderated late in week. Highs on 24th and 25th reached mid 20's in St. Lawrence Valley and Adirondacks, 40's along Atlantic coast. Turned a bit colder again over weekend. Heavy snowfall limited to the Lake Erie and Lake Ontario regions. Sections of Buffalo and Turk Hill snowbelt, western Adirondacks had snow falls of more than 2 feet during the week. Strong western winds caused serious drifting. Light snow fell across most of State on 23rd, with sections reporting dusting to 1 or 2 in.

Farming activities limited to general chores, tending livestock, plowing snow. No major problems reported on livestock. Feed supplies adequate.

NORTH CAROLINA: Temperatures averaged 15° to 20° below normal across State. Precipitation very light, ranging from zero to 0.25 in. in the central Piedmont region.

Soil moisture: 1% very short, 9% short, 82% adequate, 8% surplus. Days suitable for fieldwork: 2.2. Condition: Pasture 22% poor, 46% fair, 32% good. Wheat 2% poor, 39% fair, 57% good, 2% excellent. Oats 3% poor, 40% fair, 55% good, 2% excellent. Barley 2% poor, 37% fair, 59% good, 2% excellent. Rye 2% poor, 35% fair, 63% good. Farm feed supplies: Hay and roughage 1% short, 96% adequate, 3% surplus. Feed grains 97% adequate, 3% surplus. Major farm activities: Tending livestock, cutting firewood, general farm and machinery maintenance, attending growers meetings and tax planning for 1985, and thawing frozen water pipes.

NORTH DAKOTA: Cold start, moderating temperatures midweek resulted in temperature averages of 1 to 6° above normal. Extremes, were 40° south central on 24th, -35° north central on 20th. Strong cold front passing through State on 25th brought the return of colder temperatures and several hours of near zero visibility as in a ground blizzard over the

eastern third of State. Precipitation amounts generally light, ranged from 0.05 in. west and south to 0.13 in. north and east. Most locations reported between a trace and two inches of snowfall.

Wide temperature swings continued, hard on livestock. Ground blizzard on 24th left some wheat fields stripped of snow cover. Overall snowfall for the season light. Main farm activities include purchase of seed, fertilizer, herbicide, budget preparation and equipment maintenance.

OHIO: Low temperatures on 21st from teens to below zero. Highs climbed into upper 20's to around freezing toward end of week before dropping again. Week highs averaged 8 to 16° below normal. Lows ranged from 3 to 12° below normal. Snow cover 4 to 8 in. central, northern sections. Higher in northeast. Soil temperatures unchanged. Average temperatures, 4 in. under bare ground, ranged from upper 20's to freezing mark. Precipitation totals at or under 0.25 in., and below normal.

Snow cover remained over wheat. Livestock confined inside buildings.

OKLAHOMA: Temperatures averaged 4° below normal Panhandle to 11° below normal northeast. Precipitation averaged 0.05 in. Panhandle to 0.78 in. southeast.

Cold temperatures during week kept small grains in dormancy. Cheat problems plague many north central fields. Forage supplies still short, particularly west. Supplemental feeding active. Cotton 90% harvested. Wheat and livestock good to fair. Pastures fair condition.

OREGON: Weather exceptionally dry, most stations reporting no precipitation. Pendleton wettest location with 0.35 in. Temperatures 3 to 5° below normal over eastern third of State, 2 to 4° above normal along central and south coast. Elsewhere near normal.

Soil moisture adequate. Eastern winter wheat fields mostly fair. Cold weather for past 6 weeks bothered some crops. Dry weather causing some concerns about spring moisture supplies. Willamette Valley; some ground work, grain seeding, spraying herbicides on grain and grass fields. Orchard pruning and dormant spraying. Livestock good to excellent condition. Winter feeding above normal, forage growth limited by cold.

PENNSYLVANIA: Beginning of week extremely cold with minus zero readings shattering previous record low temperatures. Lowest temperature reported -22° at Dubois on the 21st. Generally milder southeast section felt the deep freeze, Philadelphia recorded -6°. Statewide average temperature for week was 14°, 13° below normal. The average precipitation was 0.32 in., 0.30 in. less than normal. Most of the snowfall was in the northwest portion, rest of the State unusually dry.

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

PUERTO RICO: Island average rainfall 0.02 in. or 0.71 in. below normal. Highest weekly total 0.30 in. Highest 24-hour total 0.30 in. Temperature averaged about 74 to 73° on coasts and 70° interior Divisions. Mean station temperature ranged from 76° to 64°. Extremes: 90° and 51°.

SOUTH CAROLINA: Record breaking cold wave pushed across State at beginning of the week bringing sub-zero temperatures to western, northern, and central areas of State.
Lows in single digits across southern State on 21st. Temperatures climbed to near normal on the 25th, fell again over weekend. Low readings on morning of 27th generally in the teens. Little rainfall during the week.

Winter vegetable crops severely damaged by hard freeze on 21st. Outside farm activities still slow due to cold conditions. Main activities: Pruning fruit trees, supplemental livestock feeding, repairing farm machinery, routine chores.

SOUTH DAKOTA: Average temperatures ranged from 2 to 3° above normal across north, west central, to 2° below normal in central. Extremes: -31 and 50°. Precipitation was light to none across State. Strong winds, light snow caused blizzard conditions in northeast end of week.

No livestock losses reported due to cold weather. Major agricultural activities included feeding livestock and attending farm meetings.

TENNESSEE: Record breaking cold weather plunged State into a deep freeze early in week. Below zero temperatures occurred throughtout the State, and readings less than 20° below zero were recorded in northeast. Temperatures moderated by midweek with maximum readings ranging upward in 40's. A moderate cold front moved through the State on 25th followed by high pressure and sunshine on 26th. Low pressure system spread sleet and rain over State on 27th.

Farm activities consisted mostly of general farm chores. Livestock remain in good condition despite snow and cold temperatures.

TEXAS: Week began arctic airmass situated over State. Record breaking cold temperatures on 21st. Temperatures moderated first half week. Most State dry during first half week, although some drizzle, light rain Lower Rio Grande Valley. Cold front through State on 25th, no precipitation. Upper level disturbance northward out of Mexico, triggering widespread light rainfall. Average temperatures below normal. Precipitation less than 0.10 in above normal High Plains, Edwards Plateau, Upper Coast. Elsewhere, below normal.

Crops: Milder weather conditions many portions State midweek. Milder weather High Plains, cotton producers rapid harvesting progress. Harvest should be virtually complete this area within week, weather permitting. Some scattered fields Low Plains may not be harvested because poor quality. Gins kept up with harvesting. Trans-Pecos unfavorable conditions, harvesting progress continued slow. Lately, cotton prices depressed. Small Grains: Slow recovery from recent freezing weather. Most fields suffered some damage; milder temperatures, intermittent sunshine helped improve conditions. Central, south Texas, warmer weather, some sunshine helped wheat, oat crops recover from recent freezes, most small grain fields these areas burned, most fields recovering, providing light grazing. Most areas state good soil moisture. Across State oats burned by cold temperatures more seriously than wheat; some grazing available Blacklands, central Texas. Wheat fields not as seriously affected by cold, showing some growth. Growth

across High Plains not as good, prolonged cold temperatures. Statewide, condition 81% of normal, compared with 54% last year. Current reported conditions, 7% excellent, 65% good, 24% fair, 4% poor. Cotton harvested 1984 95%, 1983 100%, average 99%.

Commercial Vegetables: Rio Grande Valley: Cold, damp conditions hampered harvesting activities. Freeze damage light most vegetables; onions, broccoli may have been hurt most. Some more tender vegetables damaged; extent unknown. Supplies light most vegetables, should pick up fields dry. Prices steady to higher. San Antonio-Winter Garden. Vegetables movement expected to increase as fields dry. Many vegetables frozen back, expected to recover. Damage to onions from freezing temperatures unknown at time.

Range and Livestock: Range conditions improved slightly some areas; remain below average statewide. Growth winter grasses good, providing limited grazing. Grazing light small grain pastures. Supplemental feeding heavy.

Cattle, sheep good condition. Lice, grubs minor problems untreated cattle herds. Stocker prices increasing slightly.

UTAH: Temperatures in northern part of State 1 to 6° below normal, 2 to 3° above normal in southern part. Precipitation ranged from none to heavy across State.

Snow cover forced ranchers to supplemental feeding. Hay supplies remain adequate. Shipping storage onions continues.

VIRGINIA: Unseasonably cold, temperatures 15° below normal for week. Coldest on 21st, 22nd, 23rd with most areas recorded temperatures be;pw zero at least once. Precipitation light, snow averaged 0.10 in. statewide. Some areas had no precipitations.

Topsoil moisture ratings remain stable, 2% short, 68% adequate, 30% surplus. Extreme cold limited days suitable for fieldwork to 0.9. Livestock good to excellent condition. Some lamb and calf deaths during cold snap. Supplemental feeding increased. Feed supplies adoquate, ample in some areas. Extreme cold may have damaged some peach trees. Dark-fire tobacco marketing active. Small grains in good condition. Fixing frozen water pipes, caring for livestock, preparing taxes and cutting firewood common activities.

WASHINGTON: Temperatures near normal in western counties, near normal to above normal in eastern locations. All significant precipitation recorded produced by frontal system crossing State on 19th and 20th.

Field activity by vegetable growers in western counties increased with continuing unseasonably dry weather. Raspberry caning continues. Christmas tree growers continue planting and shearing. Outdoor activity eastern counties remains light.

WEST VIRGINIA: Temperatures averaged 10 to 20° below normal. Precipitation averaged from 0.20 in. below normal in central, northcentral divisions while rest of State ranged from 0.50 to 0.60 in. below normal.

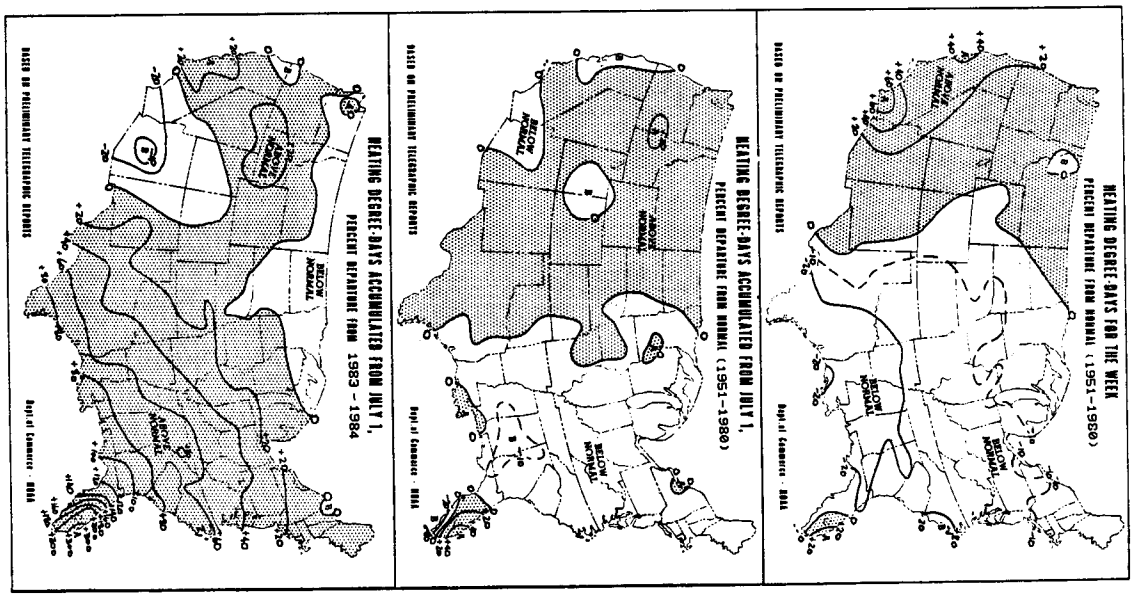
Soil moisture adequate to surplus. Feed supplies adequate.

WISCONSIN: Temperatures moderated from preceding weekend's acrctic blast, remained near seasonal normals until 25th and 26th when mercury plunged below zero. Temperatures moderated again afternoon of 26th and into 27th. Temperatures did not reach above freezing the whole week. One to 4 in. of snow fell in south on night of the 24th. Snow in conjunction with 50 m.p.h. winds caused a near white out. Frost penetrated further into soil due to two bouts of frigid arctic weather. On 25th, frost depths averaged 15.7 in. across State, but ranged from depth of 45 in. in the extreme northwest to none in. in the extreme southeast. Average depth of snow as on 25th 7.6 in., ranged from 1 in. to 28 in. Soil is wet below frost.

Most wheat acreage at least 7 in. of snow cover.

WYOMING: Temperatures well below normal. Precipitation spotty, no general pattern.

Winter wheat mostly good condition. Livestock mostly good condition. Below zero temperatures increased feed requirements. Hay supplies adequate statewide.

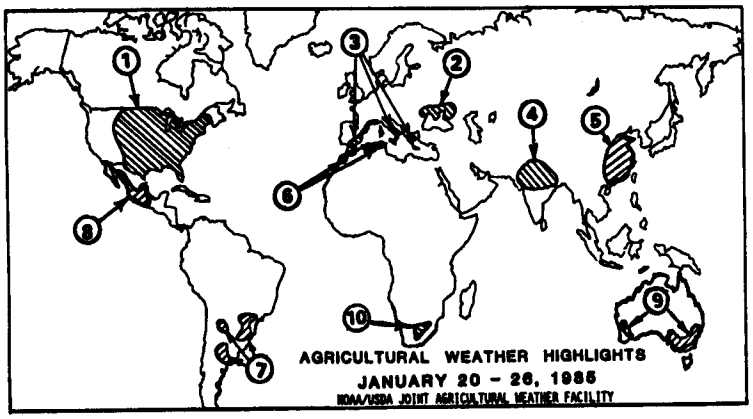


GLOBAL WEATHER SATELLITE PHOTO

January 28

International Weather and Crop Summary

January 20 - 26



HIGHLIGHTS:

1. UNITED STATES ... Record, bitter cold early in the week stresses most of the Nation's livestock and severely freezes much of Florida's citrus and vegetables.

2. WESTERN USSR ... Rain and above-normal temperatures diminish snow cover in the south.

3. EUROPE ... A warming trend accompanies mixed rain and snow over winter grain areas. Above-normal temperatures cover Mediterranean citrus areas.

4. SOUTH ASIA ... Light rain favors heading wheat.

5. EASTERN ASIA ... Light rain or snow falls in most of the region. Warming temperatures favor winter wheat.

6. NORTHWESTERN AFRICA ... Warm weather enhances vegetative winter grain growth.

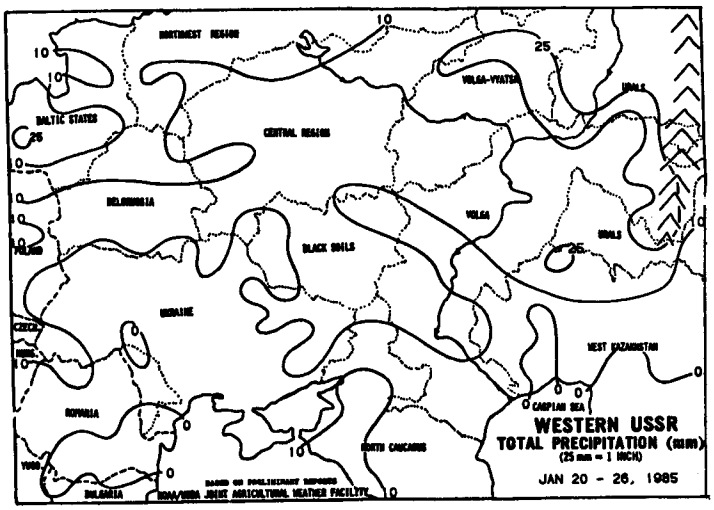
7. SOUTH AMERICA ... In Brazil, beneficial rain helps flowering soybeans in Rio Grande do Sul, but some stress continues in the west. Dry weather increases crop stress in Parana but heavy rain inundates Minas Gerais. In Argentina, showers aid crop growth in the west but moisture is limited for grain filling corn in the east.

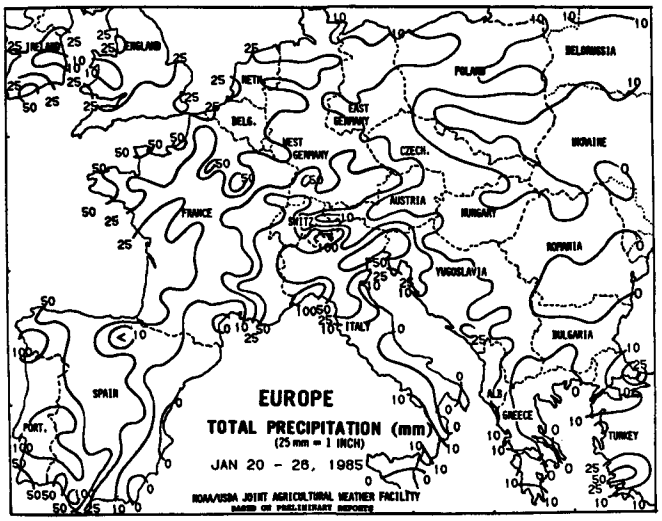
8. MEXICO ... A light freeze nips tender crops in the upper northeast, but citrus was not hurt. Rainy weather slows harvesting along the east and west coasts.

9. AUSTRALIA ... Dry weather covers summer crop areas, maintaining high irrigation needs for crops in moisture-sensitive stages of development.

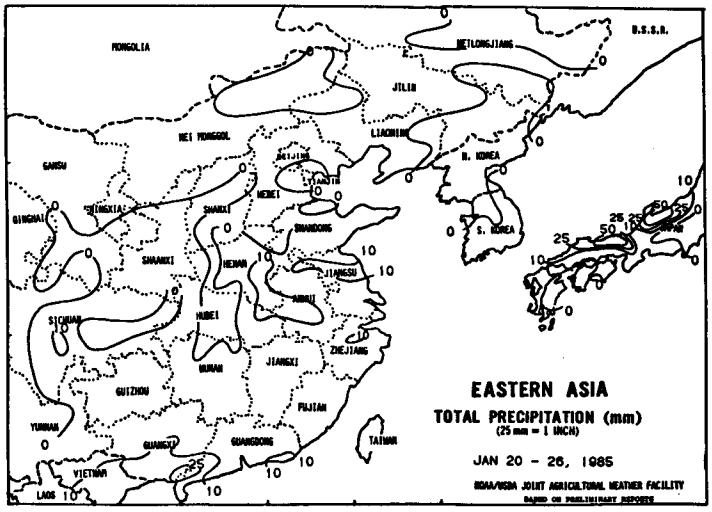
10. SOUTH AFRICA ... Rain decreases in the Maize Triangle. Western soil moisture remains limited for corn in the reproductive stage.

WESTERN USSR...Late-week, above-normal temperatures accompanied by rain diminished snow cover in the south. Precipitation was generally light (around 10 mm), and rain showers were reported as far north as the Central Region and Volga Vyatsk on January 25. Rapid warming took place over the region during the week. Minimum temperatures in the north rose from around -30C on January 22 to by January 25. Over southern winter grain areas, minimum temperatures rose from -20C to 3C during the same period. Winter grains in the southern and eastern Ukraine, lower Volga Valley, and the North Caucasus lack a protective snow cover, leaving the crop vulnerable to cold weather.

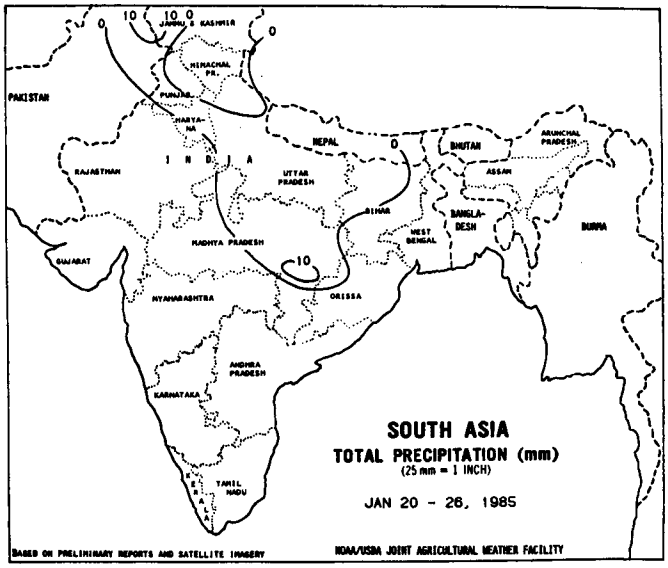




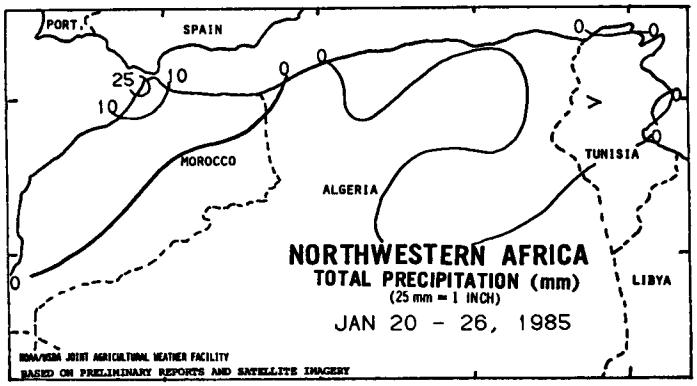
EUROPE...A warming trend covered crops over much of the region. Above-normal temperatures in citrus areas of eastern Spain, southern France, and central Italy replaced sub-freezing temperatures which hurt fruit during the past two weeks. Warm weather following a freeze can cause greater reduction in the quality of injured fruit. Mediterranean winter grains benefited from the warm, wet conditions. Rain (25-50 mm) accompanied above-normal temperatures in winter grain areas in England, France, and northern Italy, improving moisture supplies but diminishing snow cover. Elsewhere, mixed rain and snow covered winter grains over the remainder of the region.



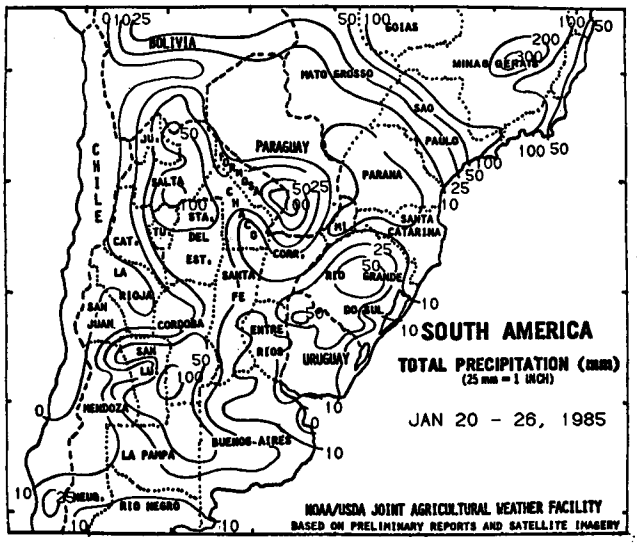
EASTERN ASIA...Light precipitation covered most of eastern China. A dry band stretched from central Hubei through western Henan, Shanxi, and Hebei. Light snow fell in much of the North China Plain; however, rain mixed with snow fell in Anhui and Jiangsu. Temperatures averaged a little above normal in nearly all of eastern China. Temperatures were no colder than -12C on one night in the northernmost winter wheat area. Warmer weather the past two weeks has allowed some vegetative growth of winter wheat south of the Yangtze River. However, winter wheat in the major producing region to the north remains dormant. Light precipitation (1-10mm, mostly rain) covered nearly all of the south.

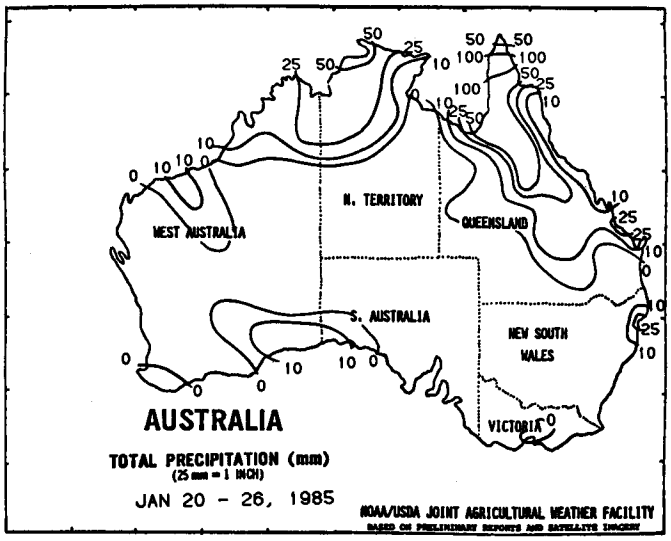


SOUTH ASIA...Seasonably light showers (1-10mm) early in the week fell across the northern wheat belt. Wheat in the heading stage has benefited from timely rain during January. Normally dry weather covered central and southern India. Temperatures averaged slightly above normal in the north, increasing evaporation rates for wheat. Near-normal temperatures occured in the south.



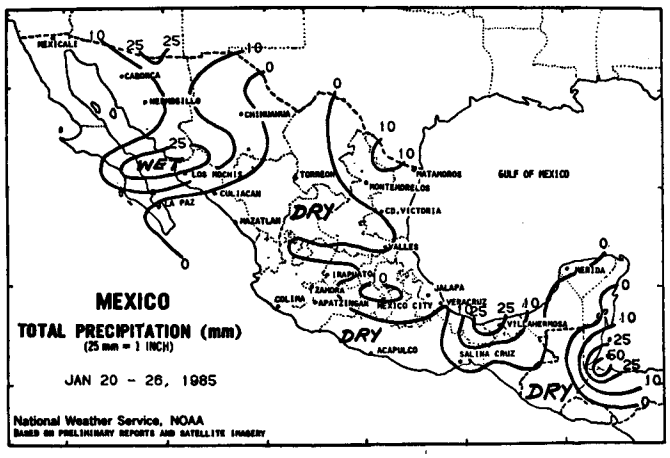
NORTHWESTERN AFRICA...Light, scattered showers covered winter grains over much of the region. In general, precipitation was less than 10mm, but soil moisture was adequate in most areas to meet the crop's moisture requirements. Winter grains are in the less moisture sensitive vegetative stage. Soil moisture is limited in northwestern Algeria. In addition, above-normal weekly temperatures followed unseasonably cold weather, stimulating vegetative growth.

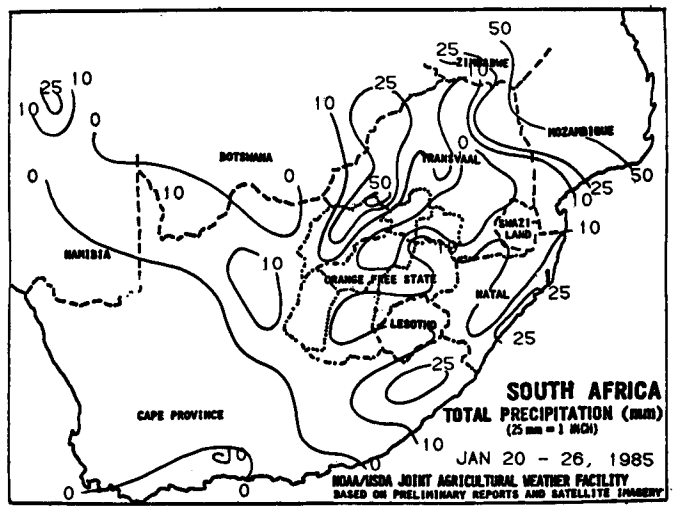




SOUTH AMERICA... In Brazil, substantial showers fell over central Rio Grande do Sul, aiding flowering soybeans. Lighter showers in the west provided only limited benefits to soybeans, and untimely dry weather in western Parana and southern Mato Grosso do Sul for the second consecutive week increased crop stress. Periods of hot, dry weather thus far in the growing season throughout the center-south crop areas have also adversely affected corn development. In contrast, heavy rain again inundated large areas of Minas Gerais and Goias, likely causing widespread flooding. In Argentina, showers aided summer crop growth, especially throughout western crop areas. Light showers in southeastern Santa Fe and eastern Buenos Aires were insufficient for the high moisture needs of corn, in the grain filling period, and for early planted flowering soybeans. Moisture is still mostly adequate for soybeans in the vegetative growth stage. The wheat harvest, over 90 percent complete, was slowed by showers in the southwest.

AUSTRALIA...Dry weather covered nearly all of the southern half of the continent. Wheat harvesting is virtually complete throughout the crop areas. Dryness in the summer crop areas of New South Wales and southeastern Queensland continues to maintain high irrigation needs for the moisture-sensitive growth phases. Very warm weather in Queensland increased the stress potential for crops still in the reproductive cycle. Showers aided sugarcane growth in east-coastal Queensland, but the heaviest tropical shower activity occurred over the extreme north.





MEXICO...Another outbreak of cold air pushed into the northeast, bringing freezing temperatures into the Matamoros-Monterrey area. Any emerged, tender spring crops may have been damaged, but temperatures were not cold enough to significantly hurt citrus. Rainy weather on the West Coast north of Culican slowed vegetable harvest but increased reservoir irrigation water. Cool, cloudy weather with occasional light rain also slowed citrus, sugarcane, and coffee harvests along the east coast.

SOUTH AFRICA...Following abundant rain last week, only scattered showers fell in the Maize Triangle. Localized corn areas benefited from light to moderate precipitation (10-30mm). The West Transvaal, which remained relatively dry last week, received about 30mm of rain, benefiting corn in the reproductive stage. Up to 50mm of rain fell in other parts of the Transvaal and moisture conditions are favorable in most of the north and east. Light, isolated rain (0-15mm) in the western Maize Triangle was only marginally helpful. The west received the smallest amounts of rain last week; thus, soil moisture is still limited and corn is stressed. Temperatures gradually increased during the week, reaching 35C in the west. Temperatures in the cental and eastern corn areas averaged near normal.

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