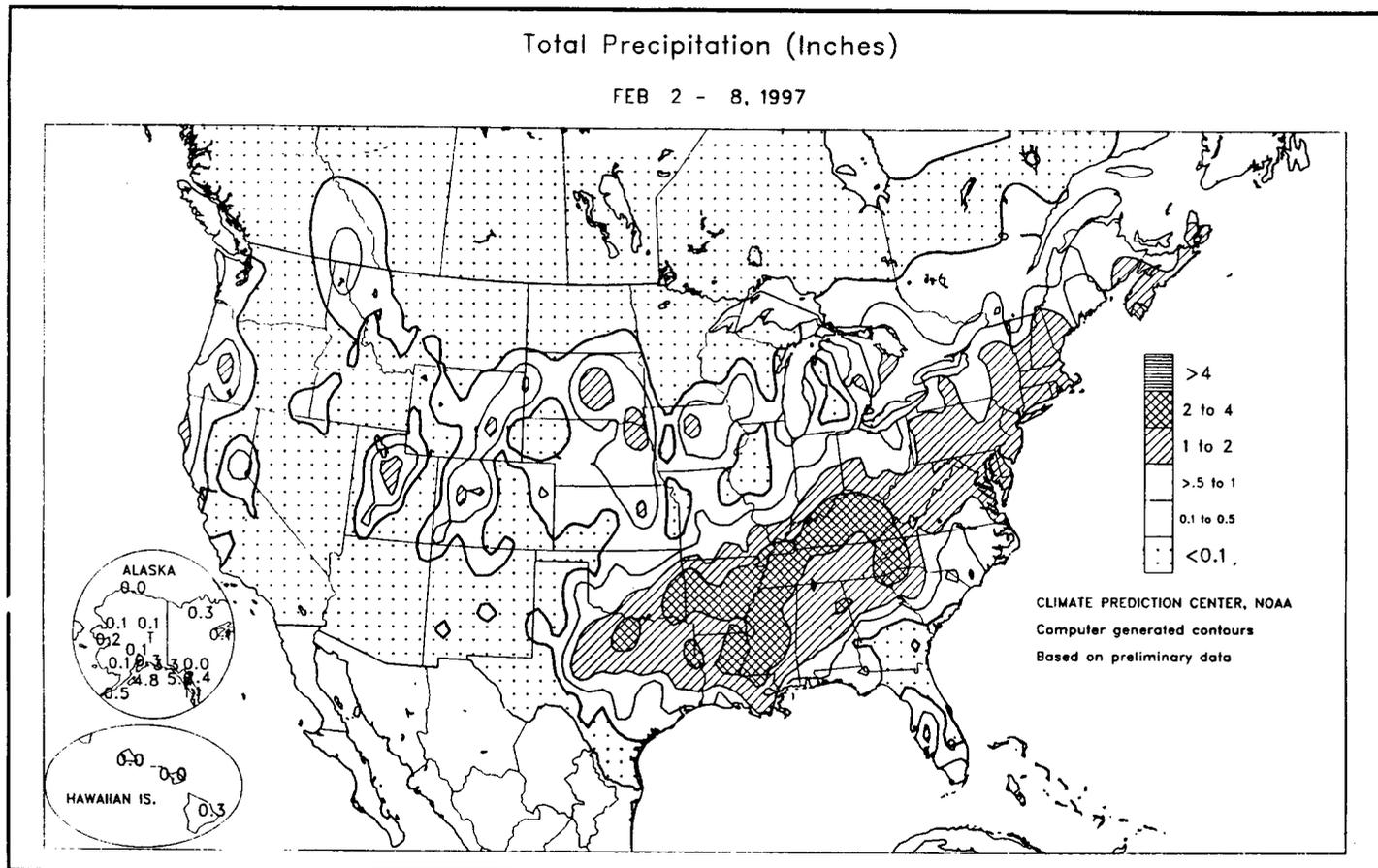


WEEKLY WEATHER AND CROP BULLETIN

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

U.S. DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service
and World Agricultural Outlook Board



HIGHLIGHTS

February 2 - 8, 1997

west, holding temperatures below normal along and near the Rocky Divide.

(Continued on page 3)

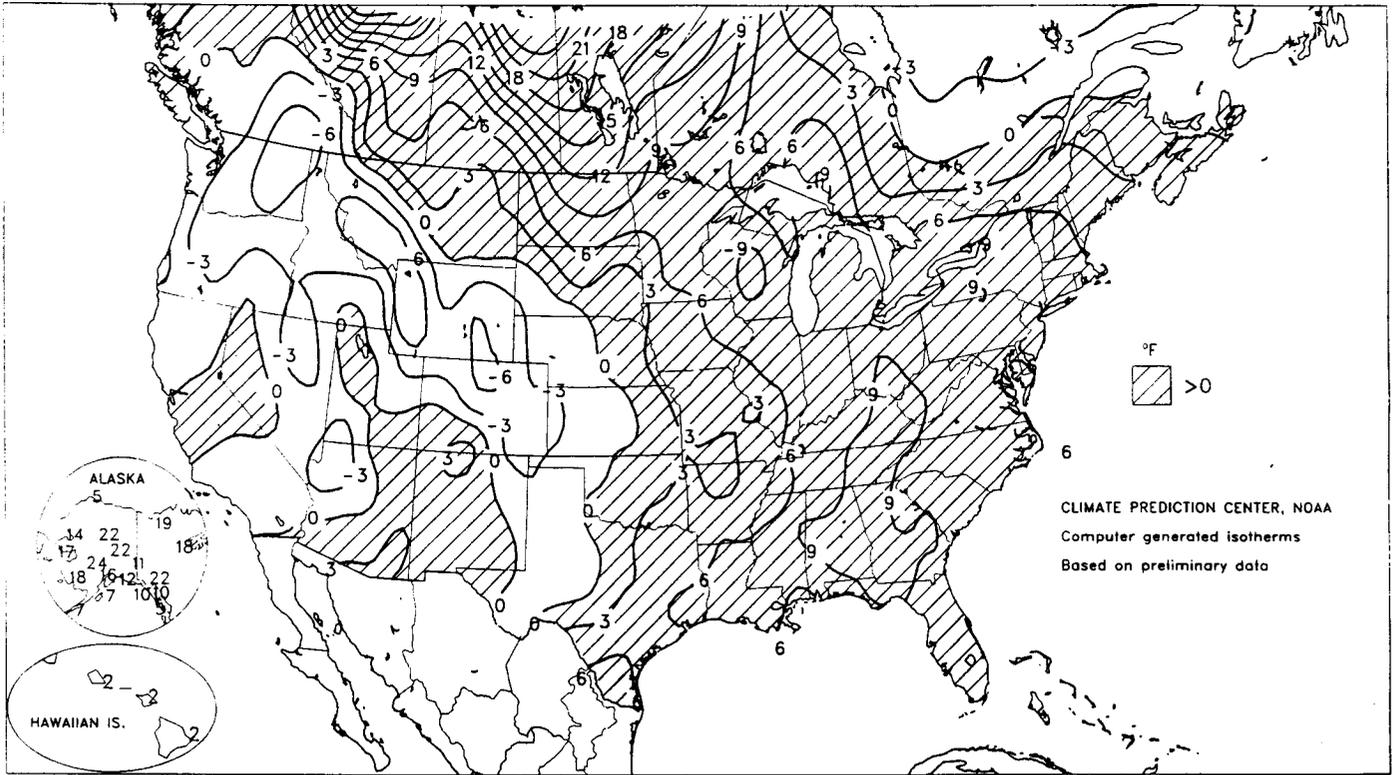
At midweek, a compact storm system dropped the heaviest precipitation since late November on the central and southern Plains. The storm progressed eastward by week's end, delivering the season's most significant snowfall to much of the Middle Atlantic region. Earlier in the week, a more powerful storm dumped heavy snow in the upper Midwest and brought a 1- to 3-inch rainfall and minor flooding to the Ohio Valley. Both storms produced significant rain in the central Gulf Coast States. Only light precipitation fell along the West Coast. Arctic air was confined to eastern Canada during the week, allowing temperatures to soar 3 to 10°F above normal in the East and across the winter-weary North Central States. A Pacific-modified high-pressure system dominated areas farther to the

Contents

Temperature Departure &	
Extreme Minimum Temperature Maps	2
National Weather Data for Selected Cities	4
January Weather and Crop Summary	7
January Precipitation and Temperature Maps	8
January Weather Data for Selected Cities	9
Tables of North Central States' Snowfall & Plains' Precipitation	10
National Agricultural Summary & Snow Cover Map	11
International Weather and Crop Summary	12
Subscription Information	16

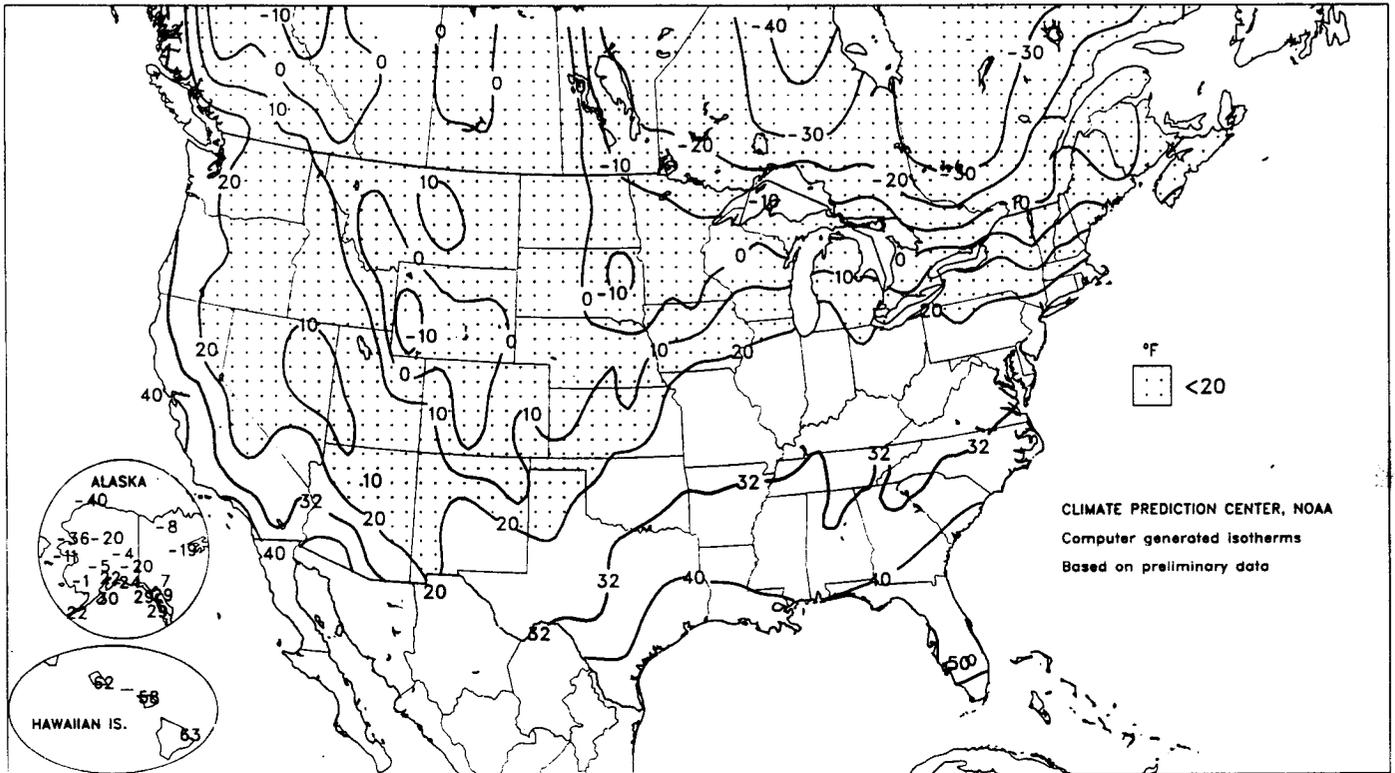
Departure of Average Temperature from Normal (°F)

FEB 2 - 8, 1997



Extreme Minimum Temperature (°F)

FEB 2 - 8, 1997



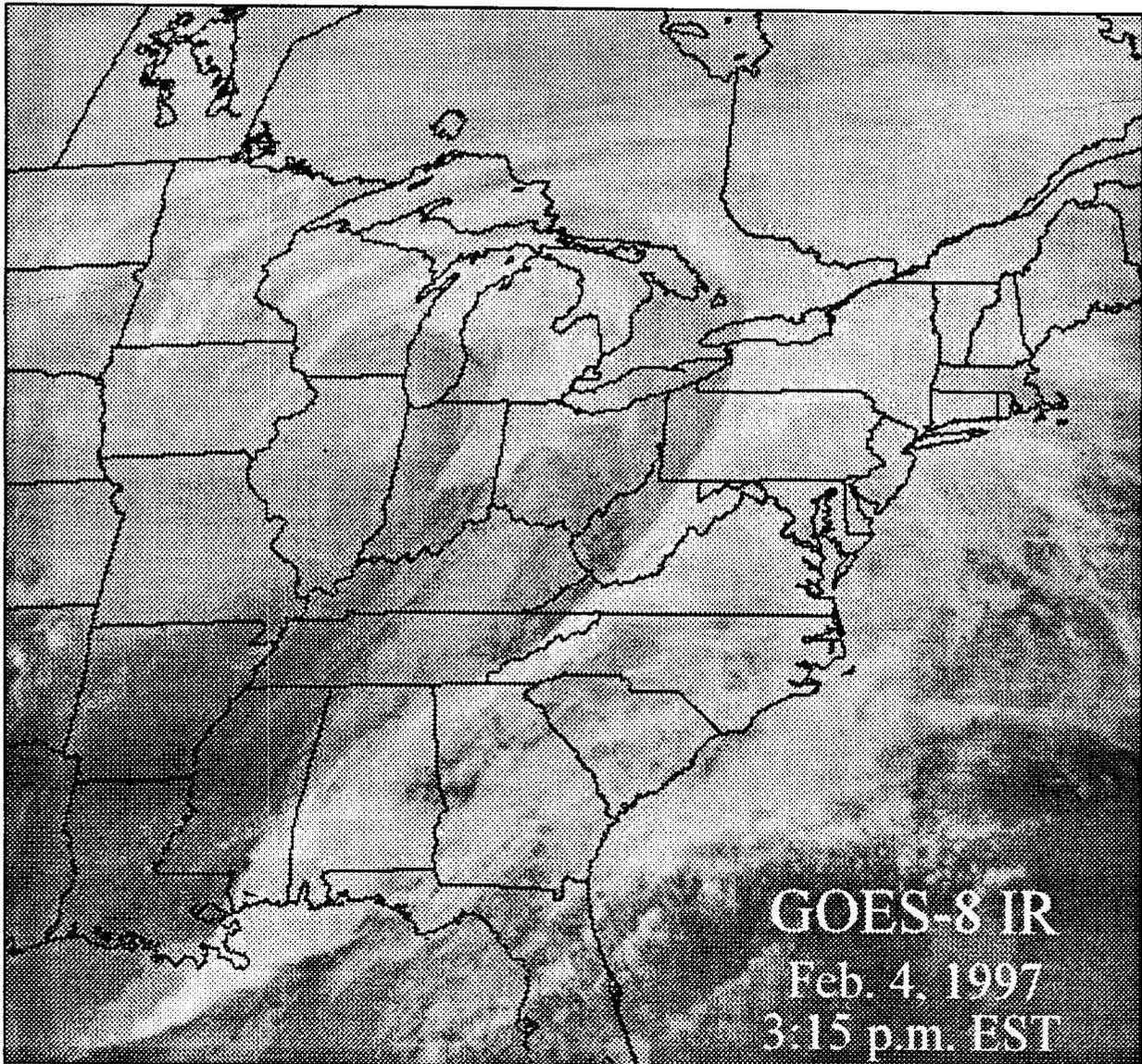
(Continued from front cover)

In advance of a storm developing over the **Plains, Paducah, KY** notched a daily-record high of 66°F on Sunday. Meanwhile in **Des Moines, IA**, 4.2 inches of snow fell en route to a 2-day total of 9.4 inches. In **eastern South Dakota**, totals of 10.9 inches in **Sioux Falls** and 6.9 inches in **Aberdeen** padded an already significant snowpack. By midweek, the storm swept northeastward, leaving only **Ft. Myers, FL** (87°F on Tuesday) and **Charleston, SC** (77°F on Wednesday) with daily-record warmth. Farther north, storm-total snowfall reached 8.8 inches in **Caribou, ME** and 8.2 inches in **Concord, NH**.

In many cases, midweek precipitation totals on the **central and southern Plains** easily surpassed totals received during all of December and January. In **Texas**, 1.59 inches of the 1.68-inch total since December 1 fell on February 5-6. Similarly, weekly

totals of 0.44 inches in both **Concordia, KS** and **North Platte, NE** represented more than 85 percent of the precipitation observed in the past 70 days. On the **central Plains**, snowfall during the storm totaled 6.4 inches in **North Platte**, 3.3 inches in **Dodge City, KS**, and 2.3 inches in **Wichita, KS**.

The late-week snowstorm produced 3.1 inches in **Washington, DC** and 3.3 inches in **Philadelphia, PA**, more than doubling season-to-date totals. Farther south, the system boosted weekly rainfall to more than 2 inches in locations such as **Little Rock, AR**, **Lexington, KY**, and **Monroe, LA**. **Memphis, TN** received 3.99 inches. At week's end, daily-record warmth returned to **Florida**, where **Melbourne** registered 85°F. **Cold Bay, AK** (41°F) also posted a daily-record high on February 8, capping a week during which Alaskan temperatures ranged from 5 to 24°F above normal.



A storm centered over the Midwest governs weather conditions across the eastern half of the Nation.

National Weather Data for Selected Cities

Weather Data for the Week Ending February 8, 1997

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN, SINCE Dec 1	PCT. NORMAL SINCE Dec 1	TOTAL IN, SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP, °F		PRECIP.	
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	0.5 INCH OR MORE
AL BIRMINGHAM	62	46	73	31	53	10	1.08	-0.05	0.98	10.66	83	7.38	116	92	63	0	1	4	1
MOBILE	66	49	73	38	57	6	0.65	-0.62	0.42	12.27	107	5.30	85	95	63	0	0	3	0
MONTGOMERY	65	47	74	33	56	10	0.57	-0.68	0.21	9.73	84	5.53	87	91	54	0	0	4	0
AK ANCHORAGE	37	28	42	22	32	15	0.29	0.10	0.24	0.66	31	0.42	42	91	75	0	5	2	0
BARROW	-6	-18	0	-40	-12	5	0.00	-0.03	0.00	0.08	29	0.08	53	79	76	0	7	0	0
FAIRBANKS	24	6	29	-4	15	22	0.01	-0.10	0.01	0.74	52	0.28	47	90	81	0	7	1	0
JUNEAU	40	35	41	29	37	10	4.82	-	-	-	-	-	98	80	0	1	-	-	
KODIAK	40	34	42	30	37	7	4.82	3.35	2.73	19.63	123	13.25	146	96	76	0	3	6	3
NOME	26	15	34	-11	21	17	0.25	0.08	0.14	2.03	110	1.40	141	91	73	0	7	3	0
AZ PHOENIX	69	45	72	39	57	1	0.00	-0.16	0.00	0.90	49	0.90	108	54	16	0	0	0	0
PRESCOTT	50	23	57	17	37	-1	0.00	-0.36	0.00	2.08	59	1.84	95	84	27	0	7	0	0
TUCSON	70	40	75	26	55	2	0.00	-0.18	0.00	0.93	43	0.93	87	52	12	0	1	0	0
YUMA	71	47	76	41	59	0	0.00	-0.06	0.00	0.35	40	0.34	83	53	17	0	0	0	0
AR FORT SMITH	50	38	72	33	44	5	2.48	1.94	2.04	4.90	89	3.04	121	94	68	0	0	4	1
LITTLE ROCK	-	-	-	-	-	-	2.28	1.49	-	8.08	92	4.79	117	-	-	-	-	-	-
CA BAKERSFIELD	58	41	62	36	50	-2	0.06	-0.19	0.04	3.74	213	2.06	180	92	43	0	0	2	0
EUREKA	54	40	56	35	47	-2	0.88	-0.33	0.42	30.95	231	9.69	131	92	55	0	0	3	0
FRESNO	58	42	60	38	50	0	0.10	-0.35	0.09	7.53	193	3.29	133	96	47	0	0	2	0
LOS ANGELES	65	49	68	46	57	0	0.00	-0.63	0.00	8.90	186	4.17	134	91	25	0	0	0	0
REDDING	56	36	62	31	46	-3	0.21	-0.98	0.18	16.93	131	9.21	124	96	49	0	2	2	0
SACRAMENTO	59	42	61	36	51	1	0.18	-0.60	-	13.67	198	7.86	171	97	61	0	0	-	-
SAN DIEGO	64	50	67	46	57	-1	0.00	-0.39	0.00	3.59	93	2.95	131	83	29	0	0	0	0
SAN FRANCISCO	58	45	60	42	51	0	0.12	-0.74	0.07	14.43	171	7.63	143	93	60	0	0	3	0
CO DENVER	35	16	45	8	26	-6	0.06	-0.06	0.06	0.29	23	0.26	40	90	48	0	7	1	0
GRAND JUNCTION	43	25	49	18	34	1	0.03	-0.08	0.02	0.95	73	0.43	67	88	45	0	7	2	0
PUEBLO	43	16	54	5	30	-3	0.00	-0.06	0.00	0.39	49	0.17	45	86	35	0	7	0	0
CT BRIDGEPORT	41	31	51	27	36	7	1.39	0.66	1.34	10.94	145	4.42	109	88	58	0	5	2	1
HARTFORD	38	27	44	24	33	8	0.85	0.05	0.68	8.75	119	4.16	96	87	57	0	7	3	1
DC WASHINGTON	48	37	61	31	43	7	1.25	0.59	0.52	9.31	141	3.80	109	86	58	0	1	3	1
FL PANAMA CITY	71	53	75	45	62	10	-	-	-	-	-	-	94	55	0	0	-	-	
DAYTONA BEACH	74	53	83	43	64	6	0.00	-0.76	0.00	4.04	65	2.03	58	100	58	0	0	0	0
JACKSONVILLE	73	50	80	49	61	6	0.03	-0.91	0.03	6.17	87	2.93	70	98	57	0	0	1	0
KEY WEST	80	70	82	57	75	5	0.39	-0.08	0.34	5.51	120	4.09	160	90	71	0	0	2	0
MIAMI	82	66	85	54	74	6	0.00	-0.50	0.00	2.68	60	1.65	64	90	59	0	0	0	0
ORLANDO	80	55	82	42	67	8	0.43	-0.27	0.24	3.67	70	1.53	50	96	55	0	0	2	0
TALLAHASSEE	73	48	76	44	61	9	0.00	-1.30	0.00	10.00	88	3.85	62	94	52	0	0	0	0
TAMPA	79	58	82	51	69	8	0.20	-0.49	0.12	3.25	66	1.15	42	95	60	0	0	2	0
WEST PALM BEACH	80	61	85	48	70	4	0.48	-0.22	0.40	6.24	113	4.74	144	91	57	0	0	2	0
GA ATLANTA	62	45	70	33	53	11	1.04	-0.12	0.58	8.75	84	5.84	96	87	60	0	0	5	1
AUGUSTA	67	42	74	36	55	9	0.30	-0.74	0.30	6.04	70	3.96	78	95	58	0	0	1	0
MACON	66	43	72	34	55	8	0.31	-0.85	0.29	9.06	89	5.83	99	95	55	0	0	3	0
SAVANNAH	69	47	75	41	58	8	0.09	-0.71	0.08	5.91	79	3.21	71	96	57	0	0	2	0
HI HILO	83	65	84	63	74	2	0.33	-2.05	0.17	9.59	39	2.70	21	86	54	0	0	3	0
HONOLULU	83	67	84	62	75	2	0.00	-0.62	0.00	8.81	109	6.92	163	86	56	0	0	0	0
KAHULUI	84	63	86	58	73	2	0.00	-0.80	0.00	13.47	161	3.28	65	88	56	0	0	0	0
LIHUE	-	-	-	-	-	-	-	-	-	-	-	-	-	87	68	-	-	-	-
ID BOISE	41	23	45	20	32	-2	0.01	-0.27	0.01	5.59	180	2.83	161	89	49	0	7	1	0
LEWISTON	36	28	44	25	32	-5	0.09	-0.15	0.09	5.28	190	2.66	171	87	66	0	7	1	0
POCATELLO	34	18	36	10	26	-1	0.00	-0.22	0.00	4.99	209	1.86	143	88	54	0	7	0	0
IL CHICAGO	34	26	42	20	30	8	0.28	-0.01	0.22	2.80	65	1.66	89	95	76	0	7	4	0
MOLINE	31	24	36	20	28	6	0.00	-0.25	0.00	0.87	22	0.18	9	93	78	0	7	0	0
PEORIA	34	26	40	23	30	7	0.12	-0.18	0.08	2.15	50	1.07	58	90	74	0	7	2	0
QUINCY	33	26	42	24	30	4	-	-	-	-	-	-	-	93	73	0	7	-	-
ROCKFORD	32	23	39	18	27	8	0.22	-0.03	0.22	3.49	97	1.35	86	94	73	0	7	1	0
SPRINGFIELD	36	28	46	26	32	6	0.17	-0.19	0.17	2.26	49	1.55	80	93	75	0	7	1	0
IN EVANSVILLE	43	33	60	30	38	4	1.27	0.52	0.87	8.48	111	4.97	129	93	75	0	4	4	0
FORT WAYNE	35	29	45	26	32	9	0.30	-0.13	0.30	5.70	109	2.62	107	93	73	0	6	1	0
INDIANAPOLIS	40	30	55	23	35	8	0.37	-0.17	0.37	6.67	107	4.35	148	93	70	0	6	1	0
SOUTH BEND	34	28	40	25	31	7	0.05	-0.39	0.05	4.15	69	1.74	64	89	71	0	6	1	0
IA DES MOINES	30	23	41	18	27	5	0.03	-0.17	0.03	0.70	27	0.19	16	93	78	0	7	1	0
SIOUX CITY	27	19	36	-2	23	3	0.01	-0.10	0.01	0.52	36	0.36	54	94	82	0	7	1	0
WATERLOO	29	20	34	16	24	8	0.46	0.25	0.39	2.16	94	1.25	123	96	80	0	7	2	0
KS CONCORDIA	33	21	52	3	27	-1	0.60	0.49	0.24	0.87	44	0.60	87	94	69	0	7	3	0
DODGE CITY	39	23	55	14	31	-2	0.30	0.19	-	0.34	27	0.34	54	87	62	0	7	-	-
GOODLAND	38	14	51	2	26	-5	0.15	0.09	0.15	0.23	27	0.19	43	92	60	0	7	1	0
TOPEKA	35	28	51	21	31	2	0.57	0.38	0.49	0.77	30	0.77	66	95	70	0	7	3	0
WICHITA	40	28	57	16	33	0	0.20	0.00	0.20	0.59	24	0.56	51	93	66	0	7	1	0
KY BOWLING GREEN	48	40	65	32	44	10	2.84	1.89	1.44	10.98	111	6.17	126	92	68	0	1	4	2
LEXINGTON	46	33	63	29	40</														

Weather Data for the Week Ending February 8, 1997

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE Dec 1	PCT. NORMAL SINCE Dec 1	TOTAL IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.05 INCH OR MORE
ME CARIBOU	21	2	30	-15	12	3	0.57	0.09	0.58	7.71	125	4.09	138	92	61	0	7	2	1
ME PORTLAND	34	19	41	11	26	5	1.02	0.19	0.97	10.00	111	3.67	82	93	63	0	7	3	1
MD BALTIMORE	47	33	59	27	40	7	1.15	0.39	0.69	10.98	150	3.99	101	92	69	0	4	3	1
MD SALISBURY	49	33	61	29	41	6	1.68	0.86	0.79	9.98	120	3.70	81	96	63	0	4	4	2
MA BOSTON	39	30	44	27	35	6	0.67	-0.22	0.59	8.67	101	3.00	66	88	56	0	6	3	1
MA CHATHAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MI ALPENA	31	20	36	0	25	9	0.68	0.38	0.41	8.17	204	2.97	149	93	74	0	7	3	0
MI DETROIT	36	28	41	19	32	9	0.80	0.41	0.80	4.93	99	2.37	108	87	64	0	7	1	1
MI FLINT	33	25	39	13	29	8	0.41	0.13	0.41	4.32	114	2.28	133	92	71	0	7	1	0
MI GRAND RAPIDS	33	27	38	21	30	8	0.22	-0.11	0.22	4.67	93	2.43	110	90	75	0	7	1	0
MI HOUGHTON LAKE	29	21	32	5	25	8	0.47	0.19	0.36	4.35	118	2.18	120	93	75	0	7	3	0
MI LANSING	33	26	39	13	29	10	0.34	0.06	0.34	4.19	110	1.57	88	92	71	0	7	1	0
MI MARQUETTE	26	10	28	-14	18	6	0.07	-0.34	0.07	11.15	213	6.70	254	91	63	0	7	1	0
MI MUSKEGON	32	27	36	22	30	7	0.52	0.15	0.51	4.42	78	2.53	91	92	72	0	7	2	1
MI SAULT ST. MARIE	25	15	30	-3	21	8	0.30	-0.15	0.14	6.89	115	2.62	89	92	71	0	7	4	0
MN ALEXANDRIA	23	8	29	-7	16	5	-	-	-	-	-	-	-	96	79	0	7	-	-
MN DULUTH	24	8	28	-8	15	6	0.00	-0.17	0.00	1.97	74	1.48	102	92	73	0	7	0	0
MN INT'L FALLS	23	0	27	-14	12	8	0.00	-0.16	0.00	2.25	117	0.78	73	92	68	0	7	0	0
MN MINNEAPOLIS	28	15	31	3	21	7	0.00	-0.18	0.00	3.23	145	1.54	134	89	68	0	7	0	0
MN ROCHESTER	28	15	30	2	21	7	0.58	0.44	0.58	3.30	169	2.11	224	92	78	0	7	1	1
MS GREENWOOD	58	45	77	35	51	7	-	-	-	-	-	-	-	94	64	0	0	-	-
MS JACKSON	61	45	75	35	53	8	1.56	0.39	1.16	9.34	71	6.01	88	91	63	0	0	2	1
MS MERIDIAN	63	48	77	33	55	8	1.61	0.34	-	8.75	75	6.06	92	93	57	0	0	-	-
MO CAPE GIRARDEAU	46	34	60	29	39	6	1.36	0.64	1.15	7.24	89	4.40	118	97	67	0	4	3	1
MO COLUMBIA	35	28	47	24	32	4	0.29	-0.06	0.21	3.01	98	2.81	136	94	78	0	7	3	0
MO KANSAS CITY	34	27	47	21	30	2	0.37	0.15	0.33	0.92	32	0.92	69	94	75	0	7	2	0
MO SAINT LOUIS	39	29	50	27	33	2	0.51	0.07	0.44	4.09	77	3.19	139	96	77	0	7	3	0
MO SPRINGFIELD	41	31	55	26	36	3	0.29	-0.10	0.14	2.14	45	1.43	67	96	68	0	5	3	0
MT BILLINGS	36	21	40	16	28	2	0.00	-0.17	0.00	1.10	58	0.94	86	92	58	0	7	0	0
MT GLASGOW	21	5	25	0	13	-1	0.00	-0.07	0.00	0.82	99	0.31	99	94	82	0	7	0	0
MT GREAT FALLS	38	16	44	11	27	2	0.04	-0.10	0.04	0.55	28	0.20	19	87	48	0	7	1	0
MT HAVRE	32	15	40	8	23	5	0.00	-0.06	0.00	0.59	50	0.14	22	94	73	0	7	0	0
MT HELENA	28	9	38	0	18	-6	0.00	-0.11	0.00	0.90	67	0.31	41	87	63	0	7	0	0
MT KALISPELL	28	13	37	4	20	-4	0.06	-0.25	0.04	4.83	134	1.56	83	92	72	0	7	2	0
MT MILES CITY	36	18	45	12	27	7	0.00	-0.11	0.00	0.67	52	0.23	34	98	67	0	7	0	0
MT MISSOULA	28	9	36	0	18	-9	0.04	-0.18	0.04	6.15	231	1.70	113	91	66	0	7	1	0
NE GRAND ISLAND	31	20	48	12	26	1	0.53	0.42	0.37	0.78	59	0.83	102	92	75	0	7	4	0
NE LINCOLN	32	21	50	8	27	3	0.27	0.16	0.24	0.85	42	0.63	80	98	69	0	7	2	0
NE NORFOLK	29	17	44	0	23	2	0.67	0.54	0.52	1.11	80	0.77	117	92	77	0	7	2	0
NE NORTH PLATTE	33	19	50	1	26	1	0.44	0.36	0.22	0.44	48	0.44	96	92	68	0	7	3	0
NE OMAHA	31	24	48	18	28	4	0.68	0.54	-	1.33	89	1.01	112	91	76	0	7	-	-
NE SCOTTSBLUFF	36	16	44	3	26	-3	0.16	0.08	0.13	0.81	53	0.42	72	95	58	0	7	2	0
NE VALENTINE	30	14	38	-2	22	-3	0.26	0.17	0.26	0.82	58	0.48	87	95	72	0	7	2	0
NV ELY	34	12	38	1	23	-5	0.30	0.14	0.30	1.78	108	1.46	182	88	48	0	7	1	0
NV LAS VEGAS	59	38	65	34	48	-1	0.00	-0.11	0.00	0.20	20	0.20	33	55	22	0	0	0	0
NV RENO	48	26	56	17	36	0	0.43	0.17	0.41	6.70	282	3.75	268	87	36	0	7	2	0
NH WINNEMUCCA	41	23	46	16	32	-2	0.03	-0.13	0.03	4.58	253	1.61	173	92	45	0	7	1	0
NH CONCORD	34	19	41	8	27	7	1.23	0.61	0.87	10.24	161	4.50	140	90	59	0	7	3	1
NJ ATLANTIC CITY	45	30	52	27	38	6	1.46	0.70	0.85	11.24	147	4.65	107	90	61	0	6	3	2
NM ALBUQUERQUE	50	29	57	24	39	2	0.00	-0.11	0.00	0.55	54	0.55	108	72	31	0	6	0	0
NM CLOVIS	48	27	66	19	38	-1	-	-	-	-	-	-	-	86	44	0	5	-	-
NM ROSWELL	52	32	69	27	42	0	-	-	-	-	-	-	-	78	42	0	3	-	-
NY ALBANY	34	24	39	11	29	8	0.73	0.18	0.58	5.79	98	1.61	54	86	65	0	7	3	1
NY BINGHAMTON	32	24	38	15	28	7	0.60	0.05	0.30	7.96	132	1.62	53	89	68	0	7	3	0
NY BUFFALO	36	25	41	14	30	7	0.95	0.37	0.71	8.67	124	5.26	157	96	69	0	7	6	1
NY NEW YORK	43	34	50	28	39	7	1.45	0.78	1.05	10.99	152	5.09	133	83	63	0	2	5	1
NY ROCHESTER	38	24	42	11	30	7	0.63	0.11	0.52	5.70	108	2.74	103	92	66	0	7	3	1
NY SYRACUSE	36	26	41	13	31	9	0.89	0.17	0.45	6.20	101	1.95	67	93	64	0	7	5	0
NC ASHEVILLE	55	34	64	29	44	7	1.84	0.83	0.90	10.19	107	6.27	124	95	58	0	4	5	1
NC CHARLOTTE	60	39	70	34	49	9	0.86	-0.05	0.36	6.18	75	3.57	75	87	53	0	0	4	0
NC GREENSBORO	54	34	63	28	44	6	0.54	-0.26	0.38	7.06	94	3.22	79	91	63	0	2	4	0
NC HATTERAS	56	43	63	37	50	5	0.57	-0.52	-	8.71	78	4.40	68	93	73	0	0	-	-
NC NEW BERN	62	43	75	35	53	9	0.32	-0.75	0.16	5.95	64	3.64	66	90	51	0	0	3	0
NC RALEIGH	57	36	68	29	47	7	0.47	-0.44	0.42	6.48	84	3.60	80	93	53	0	1	2	0
NC WILMINGTON	63	41	75	36	52	8	0.23	-0.87	0.10	6.14	61	3.49	58	96	59	0	0	3	0
ND BISMARCK	28	13	30	6	20	7	0.01	-0.10	0.01	1.53	143	0.85	147	82	75	0	7	1	0
ND FARGO	22	7	29	-5	15	6	0.05	-0.06	0.03	0.72	50	0.52	64	90	74	0	7	2	0
ND GRAND FORKS	24	10	29	-5	17	10	0.05	-0.08	0.05	1.37	92	0.84	75	93	70	0	7	1	0
ND WILLISTON	25	9	30	3	17	4	0.00	-0.11	0.00	1.36	109	0.18	27	95	79	0	7	0	0
OH AKRON-CANTON	37	29	46	22	33	8	0.66	0.16	0.60	6.15	109	2.21	81	94	71	0	6	4	1
OH CINCINNATI	42	32	57	27	37	8	1.32	0.73	0.93	6.91	108	3.76	118	92	69	0	4	4	1
OH CLEVELAND	37	30	48	23	33	8	0.47	-0.03	0.45	5.26	93	2.24	86	89	70	0	6	2	0
OH COLUMBUS	40	31	52	26	35	11	0.95	0.46	0.89	6.46	117	3.11	123	89	70	0	6	4	1
OH DAYTON	39	29	56	20	34	7	1.05	0.57	1.01	6.88	123	3.41	128	92	71	0	6	4	1

Based on 1961-90 normals

Weather Data for the Week Ending February 8, 1997

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN, SINCE Dec 1	PCT. NORMAL SINCE Dec 1	TOTAL IN, SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP, °F		PRECIP.	
																80 AND ABOVE	82 AND BELOW	.01 INCH OR MORE	.05 INCH OR MORE
OK TOLEDO	36	28	46	19	32	9	0.85	0.46	0.85	5.77	113	3.21	147	93	69	0	7	1	1
OK YOUNGSTOWN	37	28	43	21	33	9	0.14	-0.33	0.14	3.66	66	0.97	36	89	69	0	7	1	0
OK OKLAHOMA CITY	48	34	66	25	41	2	0.27	-0.04	-	0.77	27	0.77	52	85	57	0	3	-	-
OR TULSA	46	33	60	28	40	2	0.40	0.00	0.26	0.75	18	0.65	33	86	58	0	4	2	0
OR ASTORIA	49	35	54	32	42	-1	0.28	-1.76	0.17	33.15	146	13.11	106	89	59	0	1	3	0
OR BURNS	34	20	39	14	27	0	0.17	-0.02	0.15	5.67	239	2.72	223	97	64	0	7	2	0
OR MEDFORD	50	33	56	25	42	1	0.46	-0.06	0.43	13.86	210	3.90	119	97	45	0	2	3	0
OR PENDLETON	35	28	45	26	31	-6	0.00	-0.30	0.00	2.96	86	1.26	68	92	69	0	6	0	0
OR PORTLAND	47	32	52	27	40	-3	0.14	-0.90	0.13	19.50	154	7.38	113	86	48	0	4	2	0
OR SALEM	46	32	50	24	39	-3	0.21	-0.99	0.11	24.13	171	9.42	129	93	59	0	4	2	0
PA ALLENTOWN	40	27	48	21	34	7	0.74	0.00	0.37	10.84	146	3.54	88	93	59	0	6	4	0
PA ERIE	36	26	43	20	31	7	0.90	0.08	0.54	4.98	78	2.66	96	94	73	0	7	4	1
PA HARRISBURG	42	31	52	26	37	8	0.83	0.11	-	8.81	128	2.83	78	90	55	0	5	4	1
PA PHILADELPHIA	45	33	52	28	39	9	1.37	0.60	0.63	13.10	164	4.36	100	86	55	0	4	4	2
PA PITTSBURGH	39	30	47	28	36	8	1.07	0.62	0.63	4.54	75	2.65	84	91	65	0	5	3	1
PA SCRANTON	36	27	38	24	32	7	0.72	0.20	0.43	7.63	146	2.26	83	85	63	0	5	2	0
RI PROVIDENCE	42	29	52	23	38	7	0.96	0.07	0.88	11.90	128	5.29	108	86	52	0	5	3	1
SC CHARLESTON	67	45	77	41	58	7	0.00	-0.77	0.00	4.22	58	2.08	48	92	61	0	0	0	0
SC COLUMBIA	63	43	74	36	53	9	0.71	-0.31	0.69	7.28	79	4.94	88	92	50	0	0	2	1
SC FLORENCE	63	42	73	37	52	7	-	-	-	-	-	-	94	53	0	0	-	-	
SC GREENVILLE	59	38	66	30	48	7	0.89	-0.14	0.31	9.88	105	5.71	108	92	58	0	1	4	0
SD ABERDEEN	24	8	32	-14	16	3	0.71	0.57	0.57	2.92	230	2.05	266	95	76	0	7	2	1
SD HURON	25	10	34	-12	18	2	0.38	0.27	0.20	1.56	159	1.29	248	94	81	0	7	3	0
SD RAPID CITY	32	15	47	4	23	-1	0.17	0.06	0.17	1.69	172	0.70	143	94	73	0	7	1	0
SD SIOUX FALLS	23	12	29	-7	18	1	0.80	0.69	0.64	1.99	150	1.21	192	97	86	0	7	2	1
TN CHATTANOOGA	56	41	64	34	48	9	0.88	-0.25	0.46	10.37	91	6.98	113	95	61	0	0	5	0
TN KNOXVILLE	56	40	68	34	48	10	0.91	-0.05	0.30	11.18	114	5.83	110	92	62	0	0	4	0
TN MEMPHIS	50	39	64	33	44	3	4.00	3.01	2.62	14.53	138	8.36	172	94	70	0	0	4	3
TN NASHVILLE	52	38	66	30	45	7	1.06	0.17	0.50	9.13	99	5.08	111	91	68	0	2	4	1
TX ABILENE	53	36	78	31	45	0	1.56	1.28	0.96	1.64	69	1.64	122	90	51	0	1	3	1
TX AMARILLO	45	27	64	16	36	-1	0.10	-0.04	0.05	0.79	75	0.74	114	88	55	0	6	3	0
TX AUSTIN	63	49	83	38	56	5	0.72	0.19	0.61	3.95	94	1.78	77	88	43	0	0	2	1
TX BEAUMONT	65	52	78	43	59	6	0.50	-0.43	0.33	8.96	81	5.40	93	90	64	0	0	2	0
TX BROWNSVILLE	78	56	85	46	66	5	0.08	-0.24	0.07	1.49	47	0.71	37	96	56	0	0	2	0
TX CORPUS CHRISTI	70	53	81	41	62	5	0.11	-0.41	0.04	1.50	42	0.77	33	93	58	0	0	3	0
TX DEL RIO	66	47	83	35	56	5	0.04	-0.32	0.04	0.69	23	0.25	16	79	34	0	0	1	0
TX EL PASO	62	36	70	28	49	3	0.00	-0.11	0.00	0.38	34	0.38	73	47	17	0	3	0	0
TX FORT WORTH	56	41	75	35	48	4	1.09	0.54	0.91	1.89	42	1.43	59	96	66	0	0	3	1
TX GALVESTON	64	54	73	45	59	5	0.27	-0.36	0.24	7.66	102	4.08	103	93	75	0	0	2	0
TX HOUSTON	64	50	80	42	57	6	0.29	-0.65	0.15	8.17	85	4.07	84	86	57	0	0	2	0
TX LUBBOCK	50	28	69	18	39	-2	0.05	-0.09	0.02	0.33	31	0.33	60	88	41	0	5	3	0
TX MIDLAND	53	33	73	26	43	-3	0.10	-0.04	0.06	0.31	27	0.31	48	88	44	0	2	2	0
TX SAN ANGELO	55	36	77	29	45	-1	1.86	1.39	1.51	2.07	111	2.03	186	87	47	0	1	2	1
TX SAN ANTONIO	64	48	83	36	56	5	0.27	-0.20	0.14	2.12	57	0.59	28	85	42	0	0	2	0
TX VICTORIA	66	50	80	42	58	5	0.33	-0.43	0.27	6.24	86	4.23	99	92	50	0	0	3	0
TX WACO	57	42	74	36	50	3	1.17	0.68	0.68	5.58	138	3.81	164	89	53	0	0	2	1
TX WICHITA FALLS	52	36	70	31	44	2	0.92	0.48	0.46	1.27	47	1.27	91	89	54	0	2	3	0
UT CEDAR CITY	39	15	49	2	27	-6	0.51	0.32	0.42	3.13	197	2.15	236	97	55	0	7	3	0
UT SALT LAKE CITY	40	26	43	19	33	1	0.49	0.21	0.34	4.50	157	2.77	192	84	46	0	6	2	0
VT BURLINGTON	30	18	37	-2	24	8	0.31	-0.08	0.21	5.61	120	1.98	88	89	61	0	7	4	0
VA NORFOLK	50	39	60	34	45	5	1.07	0.19	0.78	6.90	86	3.08	65	93	70	0	0	3	1
VA RICHMOND	49	35	62	30	42	5	0.80	0.03	0.53	7.64	104	2.73	66	94	52	0	2	4	1
VA ROANOKE	50	34	61	31	42	7	1.03	0.32	0.76	7.07	111	4.42	129	88	58	0	3	4	1
WA QUILLAYUTE	48	31	54	23	40	-2	0.95	-2.31	0.81	34.82	104	20.48	113	95	64	0	5	4	1
WA SEATTLE-TACOMA	47	32	54	27	40	-3	0.08	-1.00	0.08	18.52	148	7.22	109	79	49	0	3	1	0
WA SPOKANE	32	19	36	13	26	-5	0.03	-0.36	0.03	6.00	124	1.90	78	95	71	0	7	1	0
WA YAKIMA	36	22	43	10	29	-5	0.01	-0.20	0.01	6.75	239	1.16	80	92	62	0	7	1	0
WV BECKLEY	46	31	56	27	39	9	1.06	0.34	0.56	6.55	94	3.64	97	90	67	0	4	3	1
WV CHARLESTON	48	36	60	32	42	9	1.02	0.30	0.54	4.37	82	2.59	70	94	65	0	1	4	1
WV HUNTINGTON	47	35	62	30	41	10	1.08	0.34	0.77	5.06	89	2.94	76	93	71	0	3	4	1
WV PARKERSBURG	43	33	53	28	38	7	0.70	0.01	0.40	5.21	78	2.79	70	93	65	0	5	3	0
WI GREEN BAY	29	17	35	4	23	7	0.47	0.25	0.47	3.50	120	2.28	163	91	72	0	7	1	0
WI LACROSSE	41	19	91	10	30	13	0.89	0.70	-	4.10	188	2.89	230	91	65	1	7	-	-
WI MADISON	31	20	38	14	25	8	0.32	0.10	0.32	2.98	98	1.68	119	94	73	0	7	1	0
WI MILWAUKEE	34	26	42	16	30	9	0.49	0.18	0.49	3.54	83	2.20	112	86	66	0	7	1	0
WI WAUSAU	29	20	36	7	25	11	0.24	0.07	0.24	4.15	163	2.38	211	86	64	0	7	1	0
WY CASPER	28	9	41	-2	18	-6	0.11	-0.03	0.07	1.09	81	0.86	94	91	68	0	7	2	0
WY CHEYENNE	30	14	45	3	22	-6													

January Weather and Crop Summary

Weather

Frigid weather, often accompanied by light snow and blowing snow, capped one of the coldest, snowiest November-January periods on record across the northern Plains and western Great Lakes States. Monthly temperatures averaged up to 7°F below normal on the northern Plains. Cold air overspread the Nation at mid-month, culminating in a brief but damaging freeze on January 19 across Peninsular Florida. Despite the brief chill, monthly temperature departures ranged from +1 to +4°F across much of the Southeast. Mild weather also prevailed in the West, where temperatures averaged as much as 4°F above normal.

Northern and central California's flood, already underway when 1997 began, intensified during the first few days of the year, as nearly unprecedented rainfall rates were accompanied by significant snowmelt in the Sierra Nevada foothills. Another pair of storms struck the flood-affected region after mid-month, dumping a month's worth of precipitation in a week and slowing flood-recovery efforts. Above-normal snowfall continued to plague the North Central States, where spring flooding will be a threat if the above-normal snowpack melts rapidly and is accompanied by heavy precipitation. In contrast, little precipitation fell on the central and southern Plains for the second consecutive month.

During November 1996 - January 1997, temperatures averaged 8.8°F in Aberdeen, SD and 8.2°F in Glasgow, MT. Both values were the lowest on record, eclipsing standards set in 1911-12 and 1977-78, respectively. Glasgow's season-to-date snowfall (43.3 inches) was also a record, smashing the record set in 1970-71. Although Aberdeen's season-to-date snowfall (60.2 inches) was only second on record, their snow depth reached an all-time record 30 inches on January 10-14 and 16-18. In North Dakota, snowfall topped 20 inches for the third consecutive month in Fargo (28.6 inches), boosting their seasonal total to 75.4 inches (188 percent of their annual normal). Only the first few and last few days of January offered a respite to the North Central States. On January 2, a maximum of 40°F in Grand Forks, ND was their first above-freezing reading since November 8. And on January 31, the mercury hit 40°F in Minneapolis, MN for the first time since November 17.

Lake-effect snow squalls were prevalent during the month. In Michigan, January-record totals were observed in many locations, including Grand Rapids (45.5 inches), Alpena (55.8 inches), Marquette (91.7 inches), and Ironwood (100.7 inches). In addition, monthly precipitation reached January-record levels in Alpena (4.12 inches) and Marquette (6.61 inches). Snow also fell heavily at times in the Midwest. In Illinois, Springfield's 19.3-inch total was their third-greatest January amount on record. Farther east, a record-setting lake-effect snow storm dumped 91 inches on Montague, NY, 77 inches of which fell in 24 hours on January 11-12. But in contrast to a year ago, when the Blizzard of '96 struck the East, monthly snowfall totaled only 1.7 inches in Philadelphia, PA and 2.2 inches in Huntington, WV.

In Dade County, FL, lows on January 19 dipped to 31°F in Homestead and 32°F in Perrine. Near Ft. Myers, temperatures remained below freezing for up to 9 hours and at or below 28°F for up to 4 hours. Temperatures across central Florida fell to 25°F in Plant City and 26°F in Orlando. Heavy rain preceded the cold

weather across southern Florida on January 13-14, including a 24-hour, January-record total (5.82 inches) in Ft. Lauderdale. Farther west, poorly insulated winter wheat on the central Plains was sporadically exposed to sub-zero temperatures. Some of the lowest readings occurred on January 13 and 28, especially across northern Kansas and southern Nebraska. In addition, monthly precipitation totaled only a trace in locations such as North Platte, NE and Concordia, KS. More substantial precipitation fell across northern Texas however, including 10.8 inches of snow in Amarillo and 4.5 inches in Lubbock. In Amarillo, more precipitation fell during the first 13 days of January (0.57 inches) than during January 1 - May 22, 1996.

Heavy precipitation ended across northern and central California on January 3 after a nearly continual 2-week storm chain. The region was especially battered between December 26 and January 3, when totals in the Sierra Nevada foothills topped 40 inches at a few locations. In the Feather River basin, 72-hour totals reached 27.56 inches at Bucks Lake. Despite the low-elevation rainfall and runoff, snow-water equivalent continued to mount in the Sierra Nevada, increasing from an average of 18 inches (140 percent of normal for the date) on January 6 to 29 inches (about 160 percent of normal) by month's end. The increase was largely due to a pair of strong storms that struck between January 20-27 and delivered a typical month's worth or more of precipitation. By the end of January, the holdings of California's 155 primary reservoirs had increased 12 percent from a year ago, standing at 136 percent of normal and 83 percent of capacity.

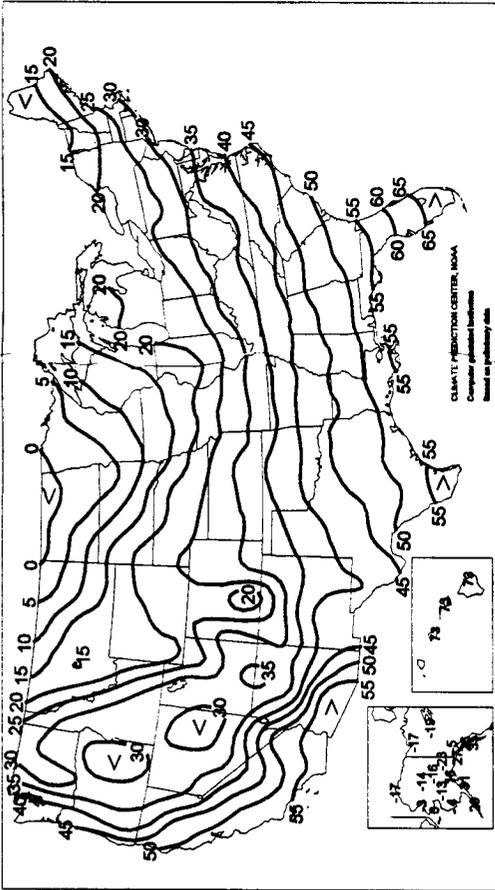
Temperatures averaged up to 5°F below normal in interior Alaska and near normal across the south. In Fairbanks, the lowest temperature of the season-to-date (-51°F) occurred on January 7, a few days before the bitterly cold airmass reached the Lower 48. Precipitation was below normal except at a few western and southern locations. In Hawaii, wet weather affected the western islands, while warmth prevailed farther to the east. Honolulu's monthly rainfall of 6.92 inches was 195 percent of normal. On January 27, Hilo notched a January-record high of 92°F.

Record Flooding and Rises in California, Nevada

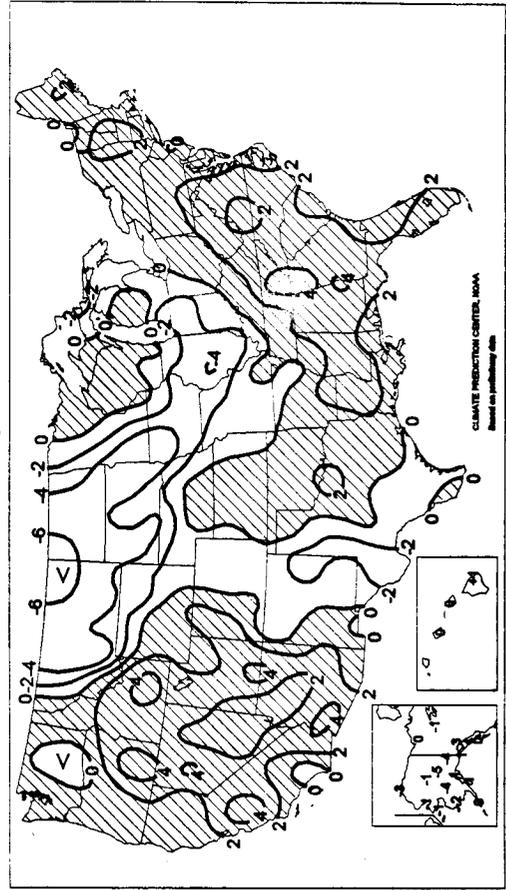
Lake Tahoe posted a record "gates-closed" rise (actual rise plus dam release) for 1- and 2-month periods. Tahoe's gates-closed rise was 2.15 feet in January and 3.52 feet in December-January, eclipsing records set in December 1964 and November-December 1950, respectively. When Tahoe's elevation peaked at 6,229.39 feet above sea level on January 5, it represented the lake's highest crest since July 17, 1917. Interestingly, Tahoe's record-low level was set less than 5 years ago, on November 30, 1992. Widespread flooding occurred on both sides of the Sierra Nevada crest. On the east slopes, the Walker and Truckee River systems were among those scoured by floodwaters. In California's Central Valley, Modesto and Olivehurst were among the hardest-hit areas. Numerous levee failures caused widespread damage in several basins, especially along the Cosumnes, Mokelumne, Tuolumne, and Feather Rivers. Unprecedented flooding occurred at several gauging sites, including the Tuolumne River at Modesto, where the peak flow topped 70,000 cubic feet per second on January 4, eclipsing the record of 57,000 set on December 9, 1950.

(Continued on back cover)

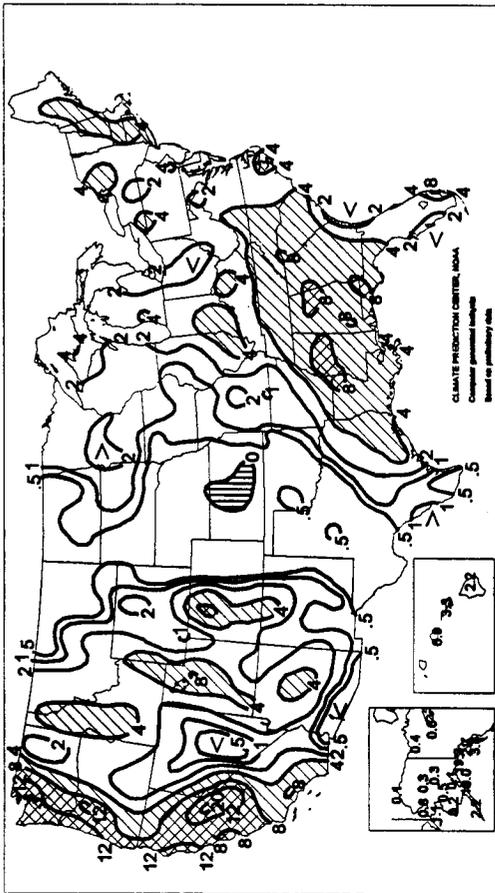
Average Temperature (°F)
January 1997



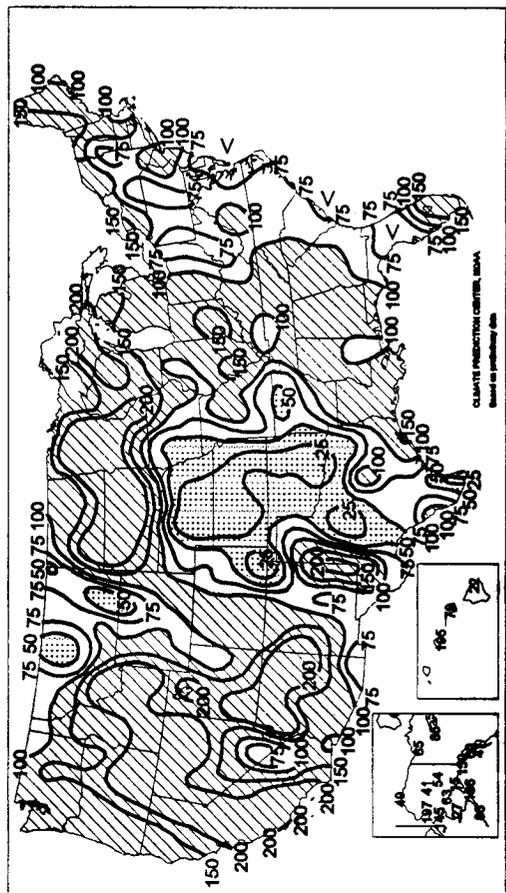
Departure of Average Temperature from Normal (°F)
January 1997



Total Precipitation (Inches)
January 1997



Percent of Normal Precipitation
January 1997



TEMPERATURE AND PRECIPITATION SUMMARY

January 1997

STATES AND STATIONS	TEMP. °F		PRECIP.		STATES AND STATIONS	TEMP. °F		PRECIP.		STATES AND STATIONS	TEMP. °F		PRECIP.	
	AVERAGE	DEPARTURE	TOTAL	DEPARTURE		AVERAGE	DEPARTURE	TOTAL	DEPARTURE		AVERAGE	DEPARTURE	TOTAL	DEPARTURE
AL BIRMINGHAM	46	3	6.30	1.20	LA BATON ROUGE	51	1	6.04	1.13	OK YOUNGSTOWN	25	1	1.28	-0.84
AL HUNTSVILLE	41	2	5.79	0.82	LA LAKE CHARLES	51	1	5.93	1.41	OK OKLAHOMA CITY	38	2	0.50	-0.63
AL MOBILE	51	1	5.67	0.91	LA NEW ORLEANS	54	3	6.31	1.28	OR TULSA	38	1	0.25	-1.29
AL MONTGOMERY	48	3	6.24	1.58	ME SHREVEPORT	46	1	4.47	0.25	OR ASTORIA	44	2	12.82	2.82
AZ ANCHORAGE	16	1	0.12	-0.87	ME CARIBOU	11	2	3.80	1.18	OR BURNS	28	4	2.53	1.54
AZ BARRROW	-17	-3	0.08	-0.09	ME PORTLAND	23	2	4.38	0.85	OR MEDFORD	40	1	3.44	0.75
AZ FAIRBANKS	-16	-6	0.25	-0.22	MD BALTIMORE	33	1	2.84	-0.21	OR PENDLETON	33	-1	1.84	0.32
AZ JUNEAU	26	2	2.73	-1.81	MA SALISBURY	36	1	2.02	-1.82	OR PORTLAND	41	1	7.46	2.11
AZ KODIAK	31	1	10.00	2.62	MA BOSTON	29	1	2.50	-1.09	PA SALEM	41	2	9.07	3.15
AZ NOME	6	-1	1.15	0.36	MA WORCESTER	24	1	3.26	-0.42	PA ALLENTOWN	27	0	3.38	0.22
AZ FLAGSTAFF	28	-1	3.21	1.17	MI ALPENA	17	0	4.12	2.48	PA ERIE	26	0	2.06	-0.18
AZ PHOENIX	56	2	0.90	0.23	MI DETROIT	23	0	1.57	-0.19	PA HARRISBURG	28	-1	2.00	-0.84
AZ PRESCOTT	37	1	1.84	0.31	MI FLINT	21	0	1.85	0.46	PA PHILADELPHIA	32	3	2.80	-0.41
AZ TUSCON	53	1	0.93	0.06	MI GRAND RAPIDS	22	0	2.83	0.80	PA PITTSBURGH	28	2	1.58	-0.96
AZ WINSLOW	35	3	1.03	0.58	MI HOUGHTON LAKE	17	0	2.40	0.90	PA SCRANTON	25	1	1.57	-0.39
AZ YUMA	59	3	0.34	-0.01	MI LANSING	21	1	1.24	-0.23	PA WILLIAMSPORT	26	1	1.49	-1.05
AR FORT SMITH	38	1	0.58	-1.34	MI MARQUETTE	13	1	6.81	4.44	RI PROVIDENCE	29	1	4.27	0.39
AR LITTLE ROCK	40	1	2.51	-0.70	MI MUSKOGON	23	0	2.03	-0.31	SC CHARLESTON	50	2	2.68	-0.77
CA BAKERSFIELD	50	2	1.99	1.13	MI SAULT ST. MARIE	8	-5	4.04	1.62	SC COLUMBIA	46	2	4.24	-0.18
CA BISHOP	-	-	-	-	MI ALEXANDRIA	4	-3	-	-	SC FLORENCE	46	3	3.28	-0.27
CA EUREKA	49	1	8.81	2.81	MI DULUTH	8	0	1.48	0.24	SC GREENVILLE	43	2	4.82	0.72
CA FRESNO	49	3	3.67	1.71	MI INT'L FALLS	3	2	0.72	-0.16	SD ABERDEEN	4	-6	1.34	0.78
CA LOS ANGELES	57	1	5.58	3.18	MI MINNEAPOLIS	11	-1	1.71	0.76	SD HURON	9	-4	1.08	0.67
CA REDDING	47	1	9.00	2.94	MI ROCHESTER	11	-1	1.63	0.85	SD RAPID CITY	18	-4	0.63	0.24
CA SACRAMENTO	48	3	7.68	3.95	MI ST. CLOUD	7	-1	1.72	0.98	SD SIOUX FALLS	9	-5	0.41	-0.10
CA SAN DIEGO	58	1	3.02	1.22	MS GREENWOOD	43	1	-	-	TN BRISTOL	36	1	3.91	0.68
CA SAN FRANCISCO	51	2	7.51	3.16	MS JACKSON	46	3	4.20	-1.04	TN CHATTANOOGA	41	4	8.14	1.25
CA STOCKTON	49	4	5.25	2.41	MS MERIDIAN	47	2	4.44	-0.71	TN KNOXVILLE	39	3	5.21	1.04
CO ALAMOSA	16	1	0.33	0.07	MS TUPELO	41	1	6.47	1.58	TN MEMPHIS	40	0	4.37	0.64
CO CO. SPRINGS	28	-1	0.25	-0.04	MO CAPE GIRARDEAU	31	0	3.03	0.13	TN NASHVILLE	37	1	4.18	0.60
CO DENVER	29	-1	0.26	-0.24	MO COLUMBIA	26	-1	2.36	0.91	TN ABILENE	43	1	0.09	-0.94
CO GRAND JUNCTION	31	3	0.83	0.07	MO KANSAS CITY	25	-1	0.69	-0.40	TX AMARILLO	35	0	0.84	0.14
CO PUEBLO	28	-1	0.17	-0.15	MO SAINT LOUIS	27	-2	2.82	1.01	TX AUSTIN	46	0	1.10	-0.62
CT BRIDGEPORT	30	1	2.96	-0.29	MO SPRINGFIELD	29	-1	1.39	-0.40	TX BEAUMONT	51	1	4.90	0.13
CT HARTFORD	27	2	3.16	-0.25	MT BILLINGS	19	-3	1.34	0.44	TX BROWNSVILLE	58	-1	0.61	-0.95
DC WASHINGTON	37	2	2.55	-0.17	MT GLASGOW	3	-7	0.31	-0.07	TX CORPUS CHRISTI	54	-1	0.66	-1.05
FL PANAMA CITY	55	4	-	-	MT GREAT FALLS	18	-3	0.35	-0.56	TX DEL RIO	49	0	0.21	-0.35
FL DAYTONA BEACH	59	1	2.03	-0.72	MT HAVRE	9	-5	0.14	-0.39	TX EL PASO	44	2	0.38	-0.02
FL FT. MYERS	66	2	1.68	-0.16	MT HELENA	13	-6	0.25	-0.38	TX FORT WORTH	44	2	0.34	-1.47
FL JACKSONVILLE	64	-1	2.90	-0.22	MT KALISPELL	19	-2	1.34	-0.19	TX GALVESTON	62	-1	5.17	1.81
FL KEY WEST	71	1	3.75	1.74	MT MILES CITY	12	-4	0.23	-0.32	TX HOUSTON	51	1	3.28	-0.03
FL MIAMI	68	1	1.71	-0.30	MT MISSOULA	22	-1	1.69	0.45	TX LAREDO	-	-	-	-
FL ORLANDO	61	1	1.13	-1.17	NE GRAND ISLAND	22	0	0.10	-0.36	TX LUBBOCK	38	-1	0.28	-0.11
FL TALLAHASSEE	54	3	3.85	-0.82	NE LINCOLN	21	0	0.28	-0.28	TX MIDLAND	42	-2	0.21	-0.28
FL TAMPA	62	3	0.95	-1.04	NE NORFOLK	17	0	0.10	-0.42	TX SAN ANGELO	44	0	0.37	-0.43
FL WEST PALM BEACH	66	0	4.28	1.77	NE NORTH PLATTE	24	2	-	-0.36	TX SAN ANTONIO	49	0	0.44	-1.27
GA ATHENS	44	2	5.24	0.84	NE OMAHA	19	-2	0.33	-0.41	TX VICTORIA	62	0	3.92	1.78
GA ATLANTA	47	6	5.85	0.90	NE SCOTTSBLUFF	25	0	0.28	-0.24	TX WACO	46	0	2.51	0.88
GA AUGUSTA	47	3	3.85	-0.40	NE VALENTINE	18	-5	0.20	-0.09	TX WICHITA FALLS	42	3	0.35	-0.68
GA MACON	48	3	5.57	1.01	NV ELKO	28	3	2.38	1.40	UT BLANDING	-	-	-	-
GA SAVANNAH	51	2	3.12	-0.47	NV ELY	27	2	1.18	0.48	UT CEDAR CITY	31	2	1.84	0.95
HI HILO	73	2	2.32	-7.58	NV LAS VEGAS	49	3	0.30	-0.18	UT SALT LAKE CITY	32	4	2.27	1.18
HI HONOLULU	73	0	8.92	3.37	NV RENO	34	2	3.32	2.25	VT BURLINGTON	19	3	1.71	-0.11
HI KAHULUI	73	1	3.28	-0.88	NV WINNEMUCCA	32	2	1.80	0.88	VA LYNCHBURG	35	1	3.83	0.87
HI LIHUE	-	-	-	-	NV CONCORD	22	3	3.29	0.78	VA NORFOLK	41	2	2.08	-1.70
ID BOISE	32	3	2.73	1.28	NJ ATLANTIC CITY	32	1	3.19	-0.27	VA RICHMOND	37	2	1.93	-1.31
ID LEWISTON	34	0	2.43	1.15	NM ALBUQUERQUE	33	-1	0.55	0.11	VA ROANOKE	36	1	3.39	0.77
ID POCATELLO	27	4	1.88	0.82	NM CLOVIS	34	-2	-	-	WA COLVILLE	-	-	-	-
IL CAIRO	-	-	-	-	NM ROSWELL	39	-1	-	-	WA QUILLAYUTE	42	2	19.45	5.08
IL CHICAGO	20	-1	1.38	-0.15	NY ALBANY	23	2	1.54	-0.82	WA SEATTLE-TACOMA	41	1	7.02	1.64
IL MOLINE	18	-2	1.96	0.42	NY BINGHAMTON	21	0	1.15	-1.25	WA SPOKANE	28	1	1.67	-0.31
IL PEORIA	19	-2	1.21	-0.30	NY BUFFALO	25	1	4.25	1.55	WA WALLA WALLA	-	-	-	-
IL QUINCY	21	-3	-	-	NY NEW YORK	33	1	3.84	0.60	WV YAKIMA	27	-2	1.15	-0.08
IL ROCKFORD	17	-1	1.13	-0.16	NY ROCHESTER	24	1	2.11	0.03	WV BECKLEY	81	1	2.58	-0.34
IL SPRINGFIELD	20	-4	1.58	-0.09	NY SYRACUSE	24	2	1.42	-0.92	WV CHARLESTON	35	3	1.78	-1.15
IN EVANSVILLE	29	-3	4.20	1.54	NC ASHEVILLE	36	0	4.44	0.54	WV ELKINS	30	3	2.39	-0.69
IN FORT WAYNE	21	-1	2.22	0.35	NC CHARLOTTE	42	3	2.97	-0.74	WV HUNTINGTON	33	3	1.85	-1.13
IN INDIANAPOLIS	24	-1	4.47	2.15	NC GREENSBORO	37	0	2.89	-0.28	WV PARKERSBURG	31	1	2.09	-1.10
IN SOUTH BEND	21	-3	2.63	0.40	NC HATTERAS	46	1	3.83	-1.47	WI GREEN BAY	15	1	1.81	0.86
IA DES MOINES	17	-2	0.84	-0.12	NC NEW BERN	45	1	3.31	-0.99	WI LACROSSE	15	1	1.80	0.87
IA DUBUQUE	15	-1	1.53	0.27	NC RALEIGH	41	2	3.13	-0.35	WI MADISON	16	0	1.36	0.20
IA SIoux CITY	15	-3	0.35	-0.20	NC WILMINGTON	46	2	3.26	-1.47	WI MILWAUKEE	20	2	1.71	0.11
IA WATERLOO	14	-1	0.78	-0.02	ND BISMARCK	4	-5	0.84	0.39	WI WAUSAU	13	1	2.14	1.20
KS CONCORDIA	27	1	-	-0.58	ND FARGO	2	-4	1.79	1.12	WI CASPER	22	-1	0.49	-0.06
KS DODGE CITY	30	1	0.04	-0.45	ND GRAND FORKS	2	-2	0.59	-0.13	WI CHEYENNE	25	-1	0.39	-0.01
KS GOODLAND	28	-1	0.17	-0.24	OH WILLISTON	2	-7	0.18	-0.35	WI LANDER	22	3	0.68	0.20
KS TOPEKA	26	0	0.24	-0.71	OH AKRON-CANTON	25	0	1.84	-0.52	WI SHERIDAN	17	-4	0.43	-0.30
KS WICHITA	31	1	0.36	-0.50	OH CINCINNATI	28	0	2.79	0.20	PR SAN JUAN	-	-	4.01	1.20
KY BOWLING GREEN	34	1	3.34	-0.48	OH CLEVELAND	26	1	1.77	-0.27					
KY JACKSON	34	1	3.53	-0.23	OH COLUMBUS	28	4	2.19	0.01					
KY LEXINGTON	31	1	3.70	0.84	OH DAYTON	26	0	2.40	0.27					
KY LOUISVILLE	32	1	3.37	0.51	OH MANSFIELD	24	0	1.91	-0.07					
KY PADUCAH	32	-1	2.82	-0.65	OH TOLEDO	22	-1	2.44	0.69					

Based on 1961-90 normals

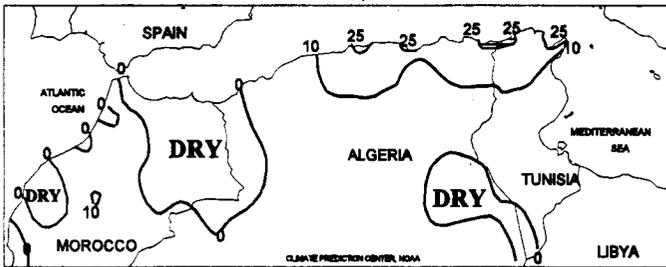
Total Precipitation (Inches)*(Updated through Feb. 9, 1997)*

State	Location	Dec. 1 - Jan. 31	Feb. 1-9	Dec. 1 - Feb. 9	Percent of Normal
NE	Omaha	0.65	0.68	1.33	69%
	Scottsbluff	0.45	0.16	0.61	53%
	North Platte	0.03	0.44	0.47	51%
CO	Pueblo	0.39	trace	0.39	47%
	Colorado Springs	0.39	trace	0.39	46%
	Denver	0.32	0.06	0.38	30%
	Goodland	0.21	0.16	0.37	41%
KS	Topeka	0.28	0.57	0.85	32%
	Concordia	0.07	0.44	0.51	32%
	Dodge City	0.04	0.30	0.34	26%
	Wichita	0.39	0.20	0.59	25%
OK	Oklahoma City	0.50	0.27	0.77	26%
	Tulsa	0.35	0.40	0.75	21%
TX	San Angelo	0.42	1.71	2.13	110%
	Abilene	0.09	1.59	1.68	67%
	Wichita Falls	0.35	0.92	1.27	46%
	Amarillo	0.69	0.11	0.80	46%
	Lubbock	0.30	0.06	0.36	33%
	Midland	0.21	0.11	0.32	30%

Snowfall: 1996-97 vs. Normal*(Updated through Feb. 9, 1997)*

State	Location	Oct.	Nov.	Dec.	Jan.	Feb. 1-9	Oct. 1 - Feb. 9	Annual Normal
ND	Fargo	0.0	26.4	20.4	28.6	3.3	78.7	40.1
	Grand Forks	n/a	n/a	n/a	n/a	1.1	70.3	37.3
	Bismarck	5.0	25.2	13.5	15.1	0.6	59.4	42.6
	Williston	5.8	16.2	19.8	3.2	trace	45.0	38.4
SD	Aberdeen	0.0	20.3	13.9	19.3	6.9	60.4	35.2
	Sioux Falls	0.0	11.3	19.8	8.8	10.9	50.8	38.2
MN	Rochester	0.0	17.1	19.6	14.4	7.4	58.5	48.4
	Minneapolis	0.0	16.8	23.7	14.2	trace	54.7	56.0
	St. Cloud	0.0	13.4	15.4	19.0	0.0	47.8	45.5
MT	Glasgow	n/a	23.3	n/a	n/a	trace	43.3	28.3
WI	LaCrosse	0.0	12.1	11.4	11.1	7.3	41.9	41.9
MI	Grand Rapids	0.0	5.6	24.6	45.5	trace	75.7	71.5
IA	Dubuque	0.0	4.3	13.2	13.9	6.1	37.5	41.1
	Waterloo	0.0	3.1	11.0	11.0	8.5	33.6	31.7
	Des Moines	0.0	1.0	5.9	11.4	9.4	27.7	34.8
	Sioux City	n/a	n/a	n/a	6.2	7.7	23.6	31.9
	Norfolk	0.0	5.1	8.0	2.8	7.5	23.4	31.1
IL	Moline	0.0	2.0	6.9	21.8	3.2	33.9	34.3
	Springfield	0.0	0.2	2.4	19.3	trace	21.9	26.4

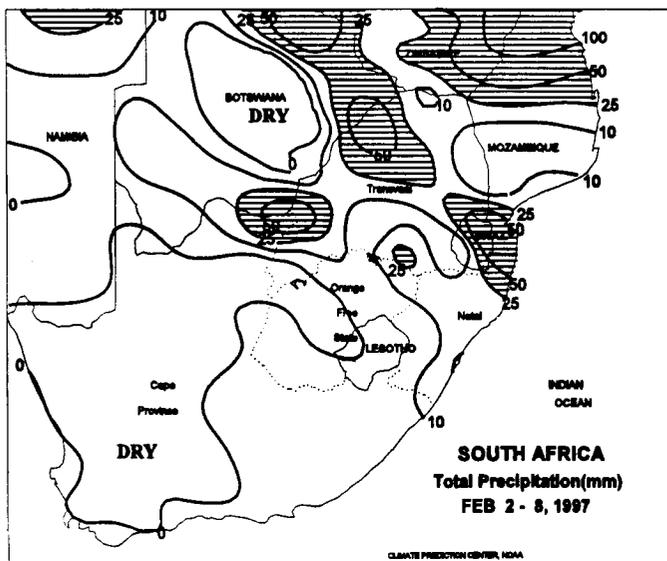
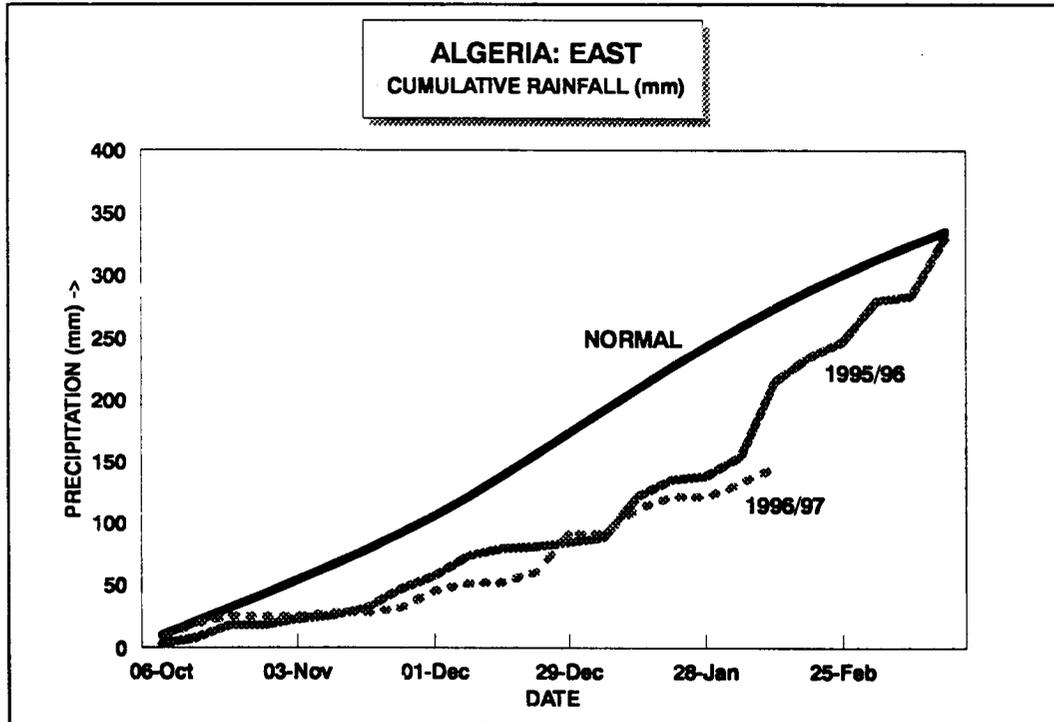
NORTHWEST AFRICA Total Precipitation (mm)
FEB 2 - 8, 1997



NORTHWESTERN AFRICA

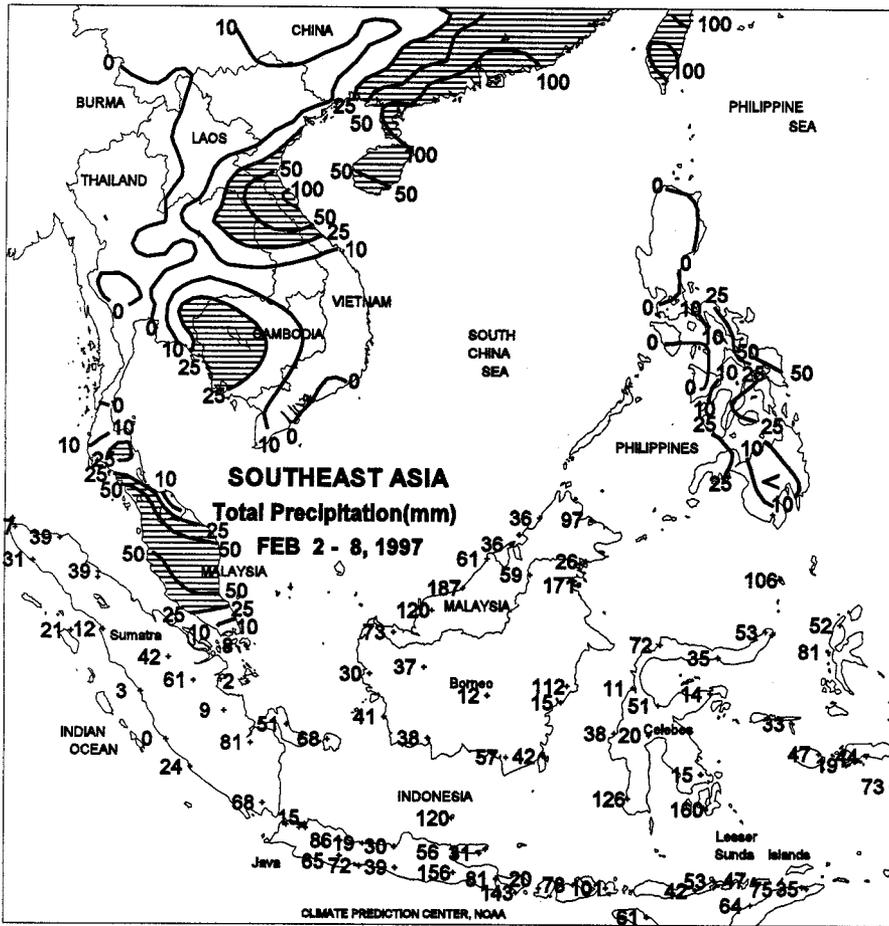
Unusually warm weather continued to prevail over winter grain areas in Morocco, promoting rapid vegetative growth of winter grains. Soil moisture was adequate to meet the increasing crop-water demands of winter grains in Morocco. Farther east, light showers (10-25 mm) continued in central and eastern Algeria and Tunisia, helping to ease the long-term moisture deficits in these areas. Although showers in recent weeks in Algeria and Tunisia have improved moisture conditions for winter grain development, timely rains will be needed during the remainder of the growing season to prevent significant declines in crop yield potential.

ALGERIA: EAST
CUMULATIVE RAINFALL (mm)



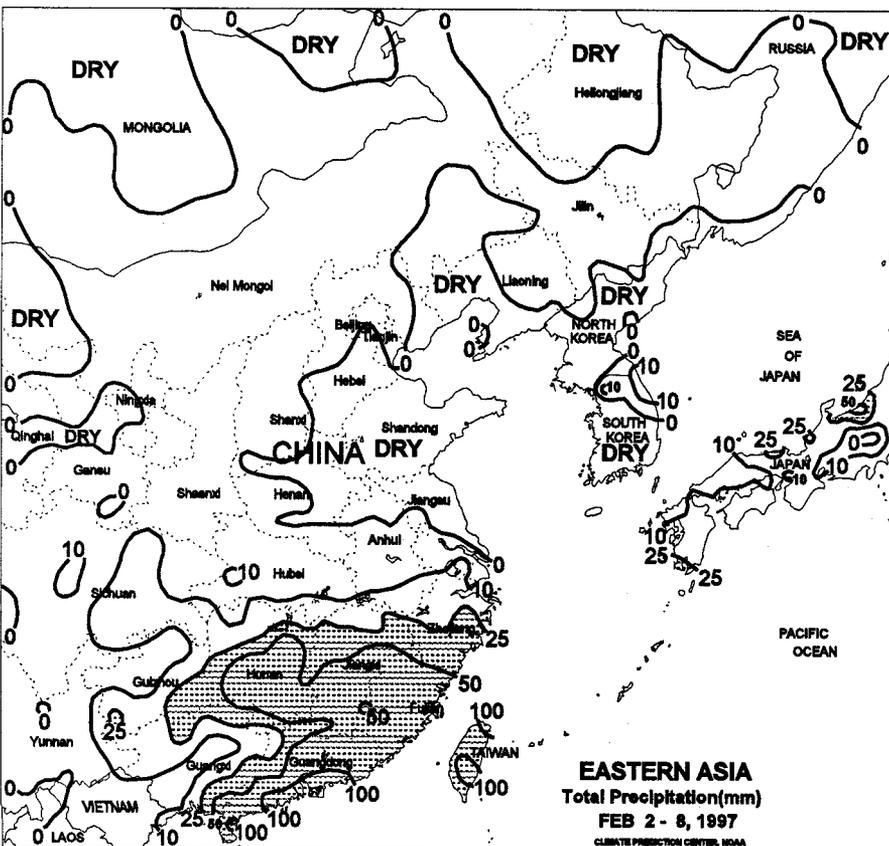
SOUTH AFRICA

Warm, dry weather dominated the corn belt, likely resulting in some stress on reproductive corn. Rainfall was generally isolated and light (5 mm or less, in most locations) throughout the region, although scattered, moderate showers (10-33 mm) brought some relief to northern corn late in the week. Western corn areas, trending dry since early January, experienced stressful highs in the mid to upper 30's C. Late-week showers (23-29 mm) benefited coastal sugarcane areas of Kwazulu-Natal.



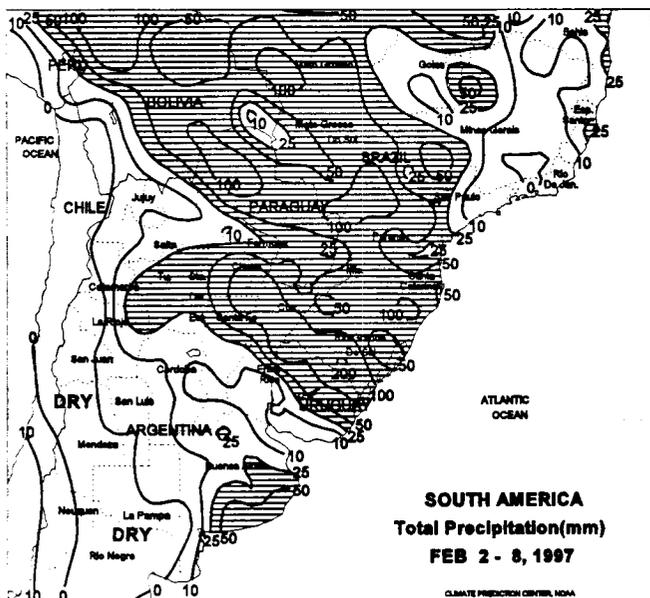
SOUTHEAST ASIA

Widespread showers (30-80 mm) returned to peninsular Malaysia, easing dryness and favoring plantation crops. Moderate showers (20-70 mm, with isolated amounts greater than 125 mm) covered Java, maintaining adequate moisture supplies for main-season rice. Light to moderate showers (10-40 mm) fell across the eastern Philippines, favoring second-season grains. Unseasonably heavy showers fell across north-central Vietnam (40-100 mm) and eastern Thailand (15-35 mm), favoring vegetative winter rice. The heavier amounts in Vietnam fell outside the main rice-growing areas.



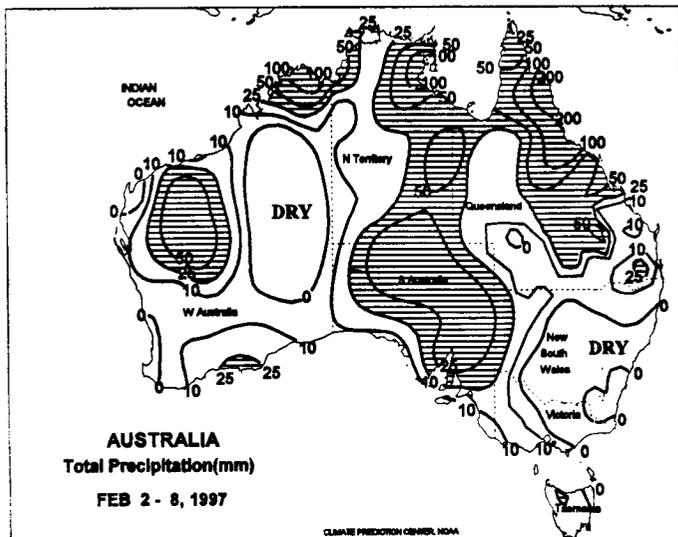
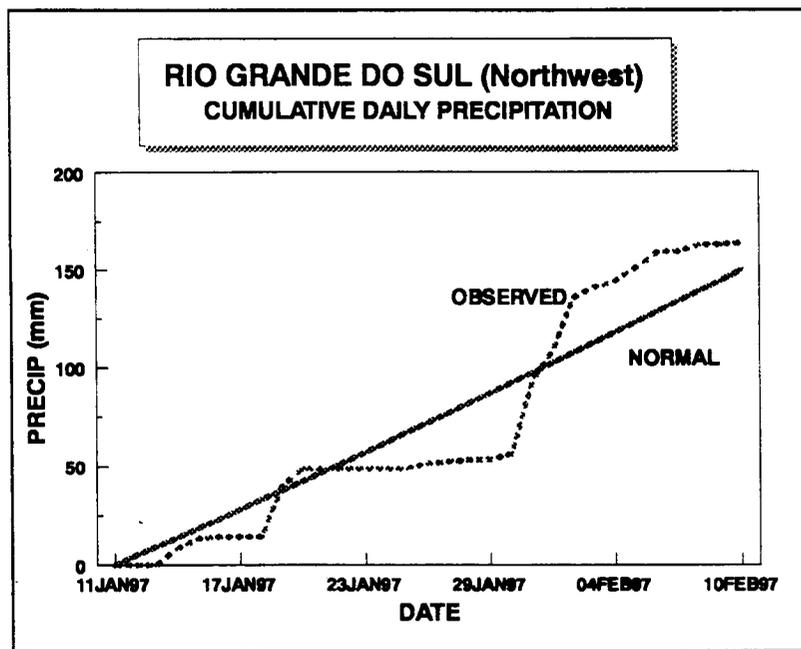
EASTERN ASIA

Seasonably dry, cool weather kept winter wheat dormant across the North China Plain. Light to moderate rain (10-60 mm) fell across southern China, south of the Yangtze River, aiding winter grains and oilseeds. This moisture also boosted irrigation supplies for summer crops.



SOUTH AMERICA

In central Argentina, light to moderate rain (8-25 mm) and cool weather (4-6 degrees C below normal) aided early reproductive soybeans and filling corn. However, more rain is needed as soybeans enter the moisture-sensitive reproductive stage. Moderate to heavy rain (60-100 mm, with isolated amounts greater than 200 mm) slowed maturing cotton in northern Argentina. In southern Brazil, showers (15-70 mm) covered the major soybean areas, favoring reproductive to filling soybeans. Two weeks of widespread showers have eliminated dryness in northwestern Rio Grande do Sul. Southern Rio Grande do Sul received moderate to heavy showers (75-125 mm, with isolated amounts greater than 200 mm), increasing irrigation supplies but slowing early rice harvesting. Heavy showers (greater than 125 mm) fell across northern Parana, slowing early cotton harvesting and causing some flooding. Temperatures averaged 1 to 3 degrees C above normal across southern Brazil.



AUSTRALIA

Moderate to heavy showers (25-50 mm or more) lingered early in the week over northern sections of Queensland's cotton and sorghum belts. Favorably drier conditions prevailed from Darling Downs southward, bringing some relief from last week's inundation. Highs in the low 30's C stimulated summer crop growth without generating stress. Elsewhere, unseasonable rain (10-25 mm, exceeding 50 mm locally) fell in winter grain and pasture areas of southern South Australia and western Victoria. The moisture brought some relief from a southeastern heat wave, with highs reaching the low 40's C as far east as central Victoria. In New Zealand, light to moderate showers (10-25 mm or more) covered the main pasture areas.

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(Continued from page 7)

Fieldwork

January weather conditions were varied and often harsh across much of the country. Heavy rains and melting snow caused flooding in central and northern California. Bitterly cold weather and blowing snow gripped much of the northern half of the country, stressing livestock and pressuring feed supplies. The winter wheat crop in the central Plains remained generally free of weather damage. However, this was the second straight month that an area from Texas to Nebraska was without significant precipitation. A cold front pushed through Florida on January 16, dropping temperatures below freezing and into the teens in some areas. Some citrus and vegetable damage was reported, especially to vegetables in southern Florida.

In central and northern California, the new year began with a powerful storm slamming waves of warm rain through the valley and well into the higher elevations of the Sierra Nevada. Resulting snowmelt supplemented the storm run-off; floodwaters broke many levees and covered farmlands. For most of the month, rain and wet soils halted field activities. Crops in well-drained fields were in good condition, but others were showing heavy water damage. Some fields were a total loss and will need to be replanted. Significant damage to the farm infrastructure, including buildings, equipment, land, irrigation systems, and private levees, was reported.

During the month, much of the northern third of the country, especially an area around the Dakotas, endured extremely harsh winter conditions. Bitterly cold weather, high winds, and blowing snow placed livestock

under extreme stress. Supplemental feeding was required, pressuring already short feed supplies. In some areas, producers were having great difficulty getting feed to their animals. Producers were reporting much higher than normal death loss and are concerned about the upcoming calving season. Local roads were closed, preventing the movement of crops and livestock to market. Some dairy farms were dumping milk because the milk haulers were prevented from making pick-ups.

Winter wheat in the central and southern Great Plains was in generally good condition. However, crop condition was down slightly from a month earlier. A continued lack of significant precipitation for the second straight month in an area from Texas to Nebraska has had some impact on small grains. The lack of snow cover also affected the crop during periods of extreme cold. The dry weather has created a potential wind damage problem, but only light damage has been reported to date.

A cold front pushed through Florida on January 16th, and on the morning of the 19th, temperatures across much of the interior dropped into the 20's.

Readings in the 20's were recorded as far south as southern Florida. Generally, temperatures were not low enough, long enough to cause serious damage to citrus trees. However, there was fruit icing in many areas of the State. The cold weather caused varying amounts of damage to southern Florida vegetable crops, with significant damage reported in some areas. The green canopy in sugarcane fields was damaged. In some fields, the leaves were only scorched, and in other fields, the total top was killed.

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