

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

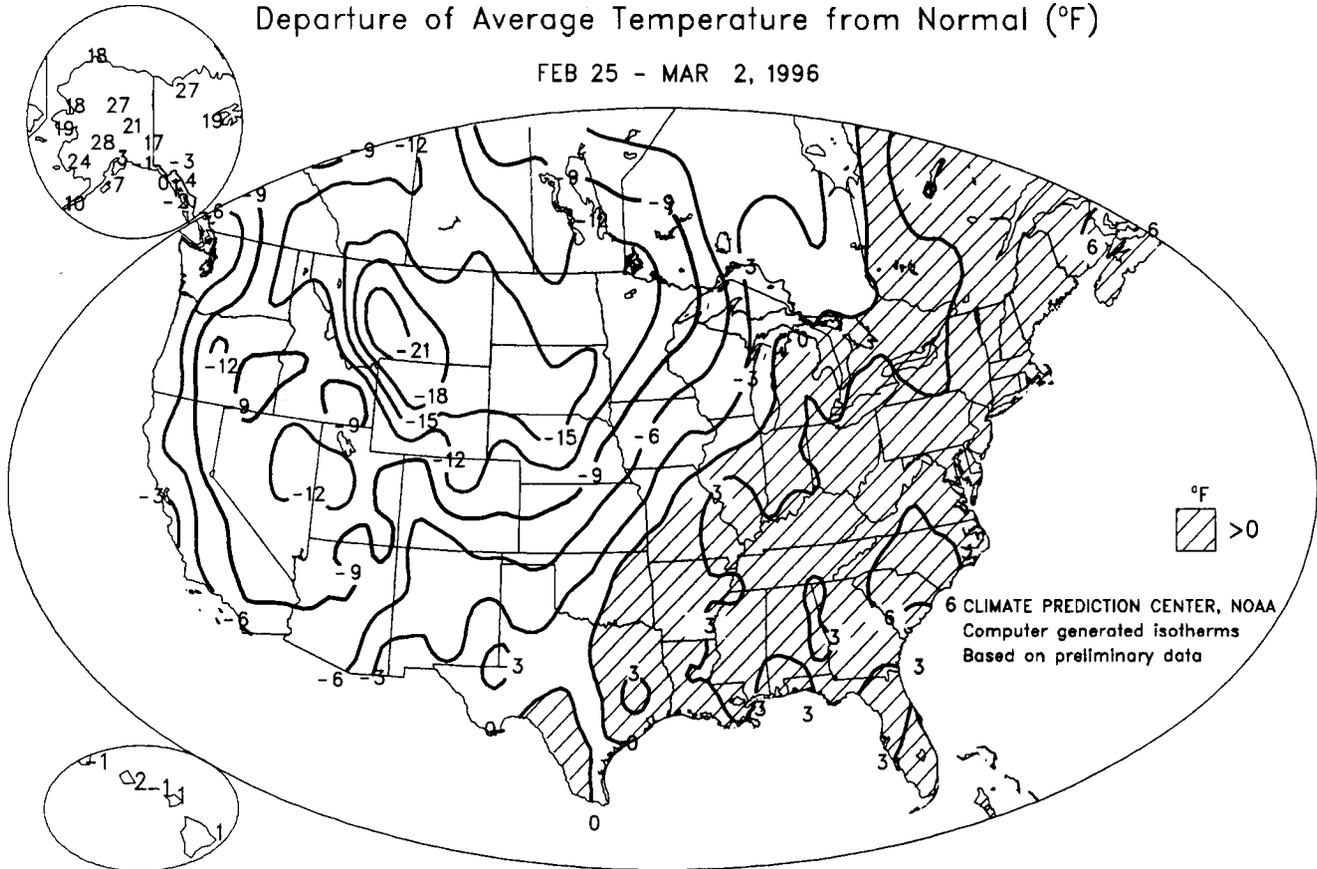
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March 5, 1996

Departure of Average Temperature from Normal (°F)

FEB 25 - MAR 2, 1996



6 CLIMATE PREDICTION CENTER, NOAA
Computer generated isotherms
Based on preliminary data

HIGHLIGHTS

February 25 - March 2, 1996

Precipitation twice bypassed winter wheat areas of the **central and southern Plains**, extending the region's dry spell to 5 months. An early-week storm tracked from the **Great Basin** to **New England**, delivering rain to the **Midwest** and snow to the **Western** and **North-Central States**. Cold air surged southward in the storm's wake, lowering temperatures to 0°F as far south as the **central Plains** and damaging the **southern Plains'** fruit-tree blooms left vulnerable by recent record warmth. Snow cover protected the **northern Plains'** wheat from readings as low as -20°F, while patchy snow existed across the **Northwest** as lows dipped into the single digits and teens. After midweek, rain across the **South** reduced **south-central Texas'** fire danger and dampened areas from the **Delta** to **Florida**. Meanwhile, damp,

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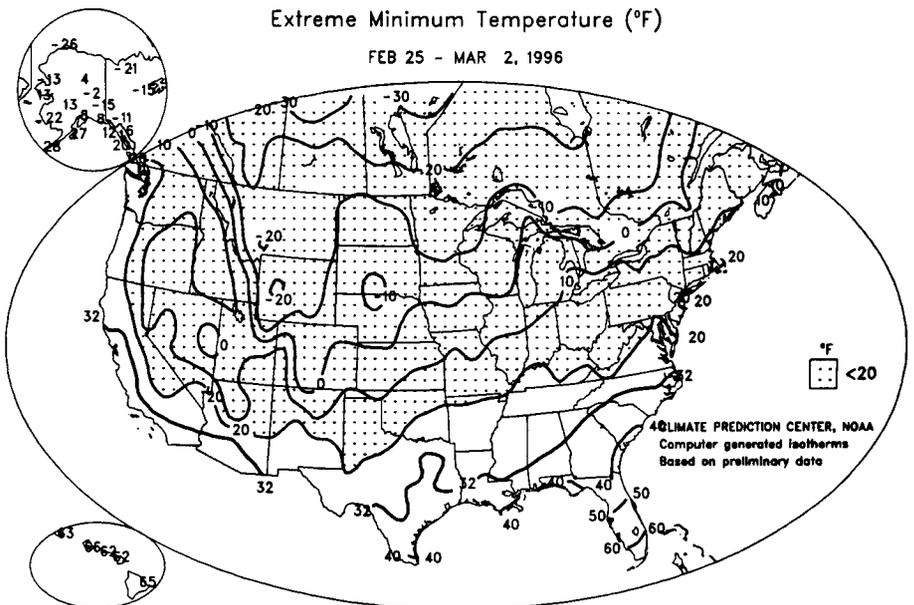
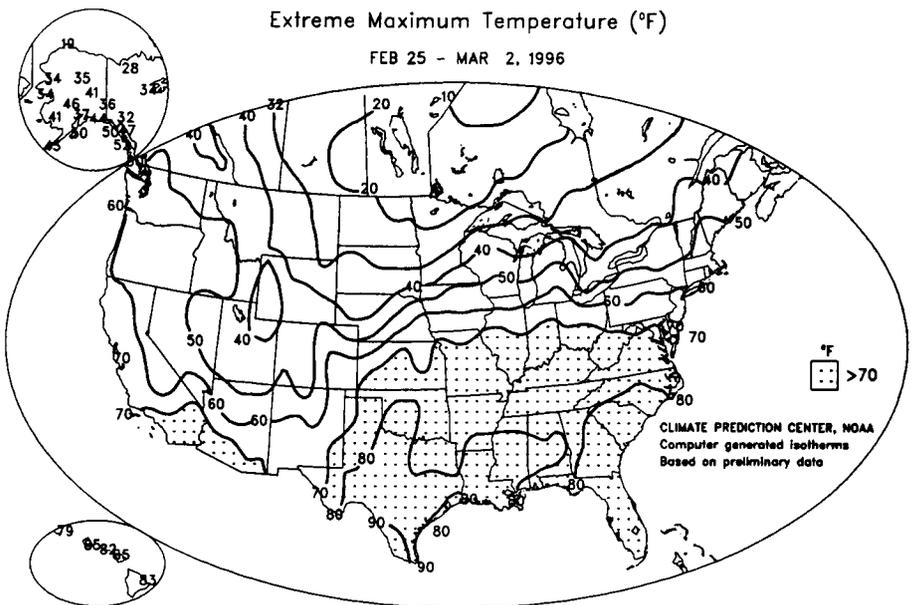
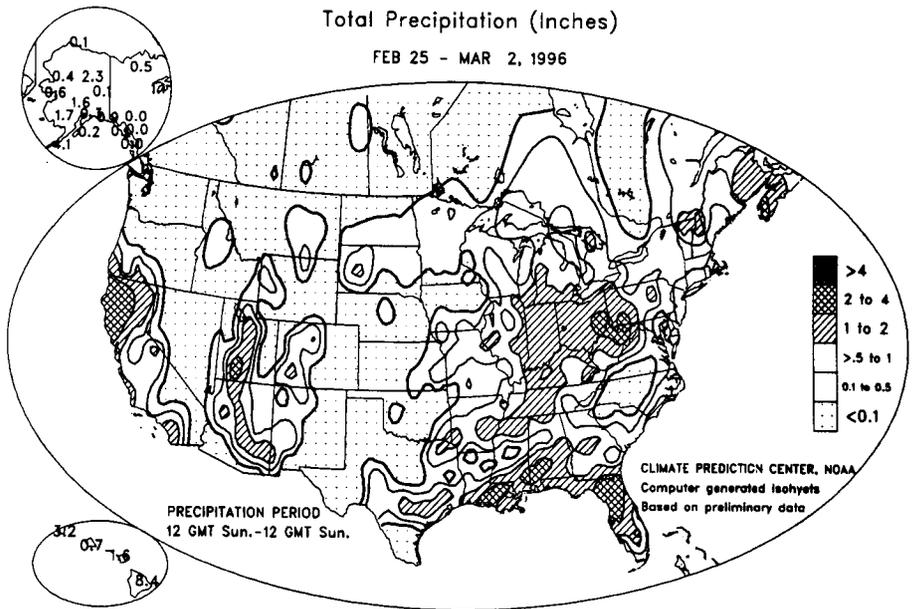
cool conditions continued into a second week in California's Sacramento and San Joaquin Valleys, with minimum temperatures briefly near freezing.

Early in the week, warmth from the central and southern Plains to the East Coast produced more than six dozen daily records. On Sunday, Chanute, KS noted 74°F; a day later, Oklahoma City, OK notched 82°F and Athens, GA reported a February record-tying 81°F. Monthly records were eclipsed on February 27 in Greenville-Spartanburg, SC (81°F) and Fort Wayne, IN (70°F). Meanwhile in California, lows dipped to daily-record levels in Redding (26°F on Sunday) and at Moffett Field, near Oakland (33°F on Monday).

The early-week storm pushed weekly rainfall to more than an inch at locations such as Evansville, IN; Moline, IL; and Columbus, OH. Farther west, heavy snow fell. In Butte, MT, snow ended on Sunday after a 3-day total of 18.4 inches. Elsewhere across the West, February 25-27 snowfall reached 14.8 inches in Salt Lake City, UT; 11.6 inches in Lander, WY; and 9.1 inches in Flagstaff, AZ. Heavy snow spread across the North-Central States on February 26-27, producing storm totals of 12.1 inches in International Falls, MN; 11.6 inches in Bismarck, ND; 6.6 inches in Huron, SD; and 6.0 inches in Valentine, NE. Northerly winds--including a gust to 41 mph in Huron--accompanied the snow, causing extensive blowing and drifting. In advance of the storm's trailing cold front, southwesterly winds raked across the Texas plains on Monday at 56 mph in Amarillo and 54 mph in Lubbock. A day earlier, winds gusted to 53 mph in Dodge City, KS. Farther east, meanwhile, a departing storm swept the Northeast with wind gusts to 58 mph in Bridgeport, CT and 53 mph in Albany, NY.

Arctic high pressure nosed into the northern Plains on Wednesday, resulting in daily-record lows of -20°F in Wyoming at Casper and Worland. On February 29, daily records included 3°F in Concordia, KS and -18°F in Great Falls, MT. As cold air overspread the South and East, streaks of warmth ended in Brownsville, TX (10 days in a row at or above 80°F, February 18-27) and New York City's Central Park (a monthly record 9 consecutive days at or above 50°F, February 20-28).

(Continued on back cover)



National Weather Data for Selected Cities

Weather Data for the Week Ending **March 2, 1996**

STATES AND STATIONS	TEMPERATURE °F					PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS						
	AVERAGE	MAXIMUM	MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Mar 1	PCT. NORMAL SINCE Mar 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE	MINIMUM	80 AND ABOVE	32 AND BELOW	.01 INCH OR MORE		.50 INCH OR MORE
																			TEMP. °F	PRECIP.	
AL BIRMINGHAM	64	42	78	26	53	4	0.18	-1.13	0.17	0.00	0	12.50	120	83	37	0	3	0	2	2	0
MOBILE	66	49	80	36	58	1	1.39	-0.10	0.85	0.00	0	10.64	98	95	43	0	0	1	7	2	1
MONTGOMERY	67	45	81	32	56	5	1.51	0.08	1.44	0.00	0	11.20	103	86	37	0	0	1	7	2	1
AK ANCHORAGE	31	17	37	8	24	3	0.29	0.11	0.22	0.00	0	2.52	155	89	70	0	0	0	2	2	0
BARROW	10	-11	19	-2	24	21	0.11	0.08	0.08	0.00	0	0.11	46	87	78	0	0	7	7	2	0
FAIRBANKS	33	14	41	6	26	4	0.11	0.01	0.07	0.04	200	1.77	188	92	64	0	0	7	7	2	0
JUNEAU	37	16	47	6	26	4	0.11	0.01	0.07	0.04	200	1.77	188	92	64	0	0	7	7	2	0
KODIAK	45	31	50	27	38	7	0.19	-0.95	0.11	0.00	0	4.93	38	86	52	0	0	5	3	0	0
NOME	30	17	34	13	24	19	0.57	0.44	0.41	0.02	67	2.93	203	96	81	0	0	7	7	2	0
AZ PHOENIX	63	42	71	37	53	7	0.55	0.35	0.31	0.00	0	1.27	88	67	25	0	0	0	0	0	0
PRESCOTT	43	21	58	6	32	8	0.73	0.31	0.43	0.00	0	1.05	32	87	41	0	0	0	0	0	0
TUCSON	61	38	69	34	50	7	0.30	0.13	0.30	0.00	0	0.81	50	73	23	0	0	0	0	0	0
YUMA	67	46	76	37	57	6	0.02	-0.04	0.02	0.00	0	0.18	31	55	21	0	0	0	0	0	0
AR FORT SMITH	59	35	75	25	47	1	0.48	-0.32	0.48	0.00	0	4.42	91	74	41	0	0	4	4	1	0
LITTLE ROCK	59	35	75	25	47	1	0.65	-0.41	0.65	0.00	0	4.12	59	55	21	0	0	0	0	0	0
CA BAKERSFIELD	58	39	65	33	49	7	0.44	0.18	0.29	0.00	0	2.95	145	95	46	0	0	0	3	0	0
FRESNO	55	37	63	30	46	3	2.62	1.40	1.43	0.01	3	18.85	167	90	57	0	0	2	2	5	2
LOS ANGELES	56	37	66	31	46	-7	0.43	-0.02	0.31	0.00	0	4.97	126	91	29	0	0	2	2	2	0
REDDING	61	44	73	37	53	-5	0.57	-0.00	0.37	0.00	0	6.13	119	85	30	0	0	0	2	2	0
SACRAMENTO	54	36	69	26	45	-7	1.11	0.05	0.66	0.00	0	18.70	171	90	44	0	0	2	3	1	0
SAN DIEGO	56	40	68	31	48	-5	0.42	-0.23	0.42	0.00	0	9.40	137	93	49	0	0	1	1	0	0
SAN FRANCISCO	62	48	70	45	55	-2	0.41	0.20	0.39	0.00	0	2.42	68	79	25	0	0	0	4	0	0
CO DENVER	58	43	67	36	51	-2	0.94	0.20	0.52	0.03	14	12.97	165	92	43	0	0	0	4	1	0
GRAND JUNCTION	58	43	67	36	51	-2	0.00	-0.21	0.00	0.00	0	0.29	25	81	43	0	0	7	0	0	0
PUEBLO	46	24	55	19	33	-6	0.02	-0.18	0.02	0.00	0	1.72	146	66	26	0	0	6	1	0	0
CT BRIDGEPORT	45	14	65	3	29	-9	0.04	-0.08	0.04	0.00	0	0.27	40	68	25	0	0	6	1	0	0
HARTFORD	47	32	59	19	40	4	0.49	-0.11	0.41	0.41	178	8.84	134	64	31	0	0	3	2	0	0
DC WASHINGTON	45	27	55	14	36	4	0.54	-0.26	0.39	0.39	177	10.26	147	63	30	0	0	3	3	0	0
FL MIAMI	67	52	76	42	59	3	0.16	-0.55	0.10	0.10	50	7.09	123	74	34	0	0	2	3	0	0
JACKSONVILLE	54	36	72	25	45	3	0.64	-0.69	0.45	0.14	38	6.34	58	97	62	0	0	0	3	0	0
KEY WEST	74	55	84	50	64	3	1.75	1.00	1.28	1.70	850	8.03	130	98	58	0	0	0	0	1	0
MIAMI	72	50	84	43	61	2	2.10	1.14	1.54	1.71	658	3.93	53	96	54	0	0	0	4	1	0
ORLANDO	81	70	83	66	76	4	0.11	-0.32	0.11	0.11	92	1.23	31	86	69	0	0	0	1	0	0
TALLAHASSEE	84	66	86	62	75	5	0.35	-0.19	0.35	0.35	233	3.48	81	94	54	0	0	0	1	0	0
TAMPA	76	58	85	53	67	3	1.36	1.05	1.06	1.86	809	8.77	155	98	64	0	0	0	2	2	0
WEST PALM BEACH	71	49	83	37	60	4	1.37	-0.12	0.75	0.75	179	7.23	66	96	51	0	0	0	3	1	0
GA ATLANTA	73	58	78	51	65	2	1.82	1.01	0.86	0.96	417	7.19	133	96	62	0	0	0	3	2	0
ADONIS	82	61	87	60	72	3	0.28	-0.44	0.28	0.28	140	2.30	40	97	57	0	0	0	1	0	0
ADONIS	66	44	80	33	55	6	0.71	-0.71	0.59	0.00	0	12.04	119	66	29	0	0	1	1	1	0
MACON	70	44	85	31	57	6	0.67	-0.43	0.47	0.00	0	5.25	60	84	38	0	0	1	1	1	0
SAVANNAH	67	44	79	36	56	3	1.38	0.20	1.38	0.00	0	5.76	59	80	35	0	0	0	1	1	0
HI HILO	71	51	84	44	61	6	0.53	-0.31	0.40	0.40	167	3.77	52	91	40	0	0	0	2	0	0
HONOLULU	79	67	83	65	73	1	8.41	5.58	2.44	1.74	218	27.84	130	94	68	0	0	0	6	4	0
KAHULUI	82	69	85	66	75	2	0.66	0.16	0.49	0.70	0	4.49	75	81	57	0	0	0	3	0	0
LIHUE	81	66	85	62	73	1	1.60	0.95	1.21	0.00	0	4.35	60	86	63	0	0	0	2	1	0
ID BOISE	75	67	79	63	71	-1	3.16	2.34	2.87	0.27	108	9.60	100	81	65	0	0	0	3	1	0
LEWISTON	41	21	54	16	31	-8	0.00	-0.28	0.00	0.00	0	1.93	74	77	42	0	0	7	0	0	0
POCATELLO	38	21	50	14	29	-12	0.19	-0.03	0.19	0.00	0	3.28	144	85	48	0	0	7	1	0	0
IL CHICAGO	34	16	48	4	25	-7	0.16	-0.09	0.16	0.00	0	1.84	89	80	44	0	0	7	1	0	0
MCLENNAN	38	20	59	2	29	-1	0.63	0.19	0.33	0.00	0	2.20	71	83	58	0	0	5	3	0	0
PEORIA	38	18	62	5	28	-2	1.01	0.55	0.81	0.00	0	3.41	114	80	50	0	0	5	2	1	0
QUINCY	44	21	71	8	33	1	0.66	0.18	0.60	0.00	0	2.25	71	79	46	0	0	5	2	1	0
ROCKFORD	46	25	73	8	35	2	0.36	-0.18	0.36	0.00	0	2.76	90	79	43	0	0	5	1	0	0
SPRINGFIELD	34	17	55	1	25	-3	0.40	0.01	0.21	0.00	0	1.81	69	87	52	0	0	6	2	0	0
IN EVANSVILLE	48	27	74	10	37	3	0.97	0.38	0.60	0.00	0	2.52	71	77	48	0	0	5	2	1	0
PORT WATNE	55	32	77	19	43	2	1.36	0.34	1.24	0.04	13	5.00	73	83	49	0	0	4	3	1	0
INDIANAPOLIS	45	24	70	11	35	4	1.01	0.45	0.70	0.04	25	3.81	95	86	54	0	0	5	5	1	0
SOUTH BEND	48	27	73	15	38	3	0.87	0.12	0.45	0.00	0	5.02	98	84	50	0	0	4	3	0	0
IA DES MOINES	44	23	64	5	34	3	2.09	1.53	0.97	0.04	24	3.78	86	85	49	0	0	5	6	2	0
SIOUX CITY	34	16	60	2	25	-5	0.24	-0.10	0.16	0.00	0	1.42	67	74	44	0	0	5	2	0	0
WATERLOO	30	10	54	0	20	-9	0.00	-0.31	0.00	0.00	0	1.06	76	74	43	0	0	7	0	0	0
KS CONCORDIA	42	14	55	0	23	-3	0.02	-0.36	0.02	0.00	0	2.22	109	67	28	0	0	6	0	0	0
DODGE CITY	31	16	73	3	28	-7	0.00	-0.35	0.00	0.00	0	0.53	37	67	29	0	0	6	0	0	0
GOODLAND	46	17	72	6	32	-7	0.00	-0.25	0.00	0.00	0	0.46	38	62	28	0	0	6	0	0	0
TOPEKA	40	9	57	2	25	-10	0.00	-0.19	0.00	0.00	0	0.26	30	58	31	0	0	7	0	0	0
WICHITA	45	23	75	8	34	-3	0.19	-0.21	0.19	0.00	0	0.94	43	67	28	0	0	6	1	0	0
KY BOWLING GREEN	49	21	76	11	35	-5	0.08	-0.36	0.08	0.00	0	0.16	7	67	29	0	0	4	1	1	0
LEXINGTON	57	35	73	21	46	4	0.95	-0.18	0.95	0.00	0	8.96	106	87	42	0	0	4	2	1	0
LOUISVILLE	53	33	73	18	43	4	0.53	-0.40	0.50	0.00	0	6.39	99	77	36	0	0	4	2	1	0
LAKES CHARLES	54	33	72	20	44	4	0.72	-0.25	0.66	0.00	0	6.16	93	76	42	0	0	0	3	1	0
NEW ORLEANS	69	50	84	33	60	3	1.36	0.11	0.93	0.00	0	6.61	60	94	47	0	0	0	3	2	0
SHREVEPORT	67	50	79	37	58	2	1.15	0.35	0.58	0.00	0	4.11	49	95	59	0	0				

Weather Data for the Week Ending March 2, 1996

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Mar 1	PCT. NORMAL SINCE Mar 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE	MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.	
																	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
ME CARIBOU	28	16	37	1	22	5	0.41	-0.09	0.21	0.07	47	6.81	149	85	52	0	7	4	0	
PORTLAND	41	24	56	9	33	6	0.42	-0.40	0.35	0.35	159	8.30	115	72	37	0	6	2	0	
MD BALTIMORE	53	33	73	18	43	4	0.04	-0.75	0.04	0.00	0	9.17	141	77	33	0	4	1	0	
SALISBURY	54	34	70	18	44	4	0.09	-0.84	0.09	0.00	0	6.84	91	78	36	0	3	1	0	
MA BOSTON	46	31	58	20	39	5	0.41	-0.46	0.31	0.31	139	10.92	144	60	29	0	3	2	0	
CHATHAM	32	15	48	4	23	1	0.16	-0.23	0.07	0.11	92	3.04	98	85	60	0	7	3	0	
MI ALPENA	41	23	57	12	32	2	1.17	0.67	0.99	0.02	14	3.57	96	78	46	0	5	3	1	
DETROIT	39	22	57	9	30	3	0.41	0.03	0.27	0.14	127	3.27	116	83	58	0	6	2	1	
FLINT	37	21	56	5	29	1	0.51	0.07	0.27	0.17	131	2.14	62	87	56	0	6	6	0	
GRAND RAPIDS	31	17	50	8	24	2	0.80	0.44	0.44	0.22	200	3.46	122	88	56	0	7	5	0	
HOOVER LANE	40	19	62	6	30	4	0.59	0.22	0.31	0.16	145	1.69	60	85	55	0	5	4	0	
LANSING	23	7	34	-7	15	-3	0.93	0.41	0.61	0.01	6	8.16	197	84	61	0	7	3	1	
MARQUETTE	36	21	52	6	29	1	0.81	0.37	0.27	0.22	169	3.26	81	91	59	0	6	5	0	
MOSKROO	23	4	30	-8	14	-4	0.51	0.05	0.21	0.24	185	6.49	149	88	56	0	7	5	0	
SAULT ST. MARIE	15	-3	25	-15	6	-13	0.12	-0.09	0.08	0.00	0	2.33	139	85	63	0	7	2	0	
MN ALEXANDRIA	16	-2	27	-15	7	-11	0.43	0.14	0.32	0.00	0	2.45	113	78	51	0	7	2	0	
DULUTH	11	-7	15	-19	2	-12	0.58	0.40	0.58	0.00	0	3.25	203	77	54	0	7	1	1	
INT'L FALLS	22	7	38	-6	15	-9	0.04	-0.27	0.03	0.00	0	2.11	107	77	55	0	7	2	0	
MIDNAPOLIS	25	9	42	-5	17	-6	0.03	-0.24	0.02	0.00	0	2.20	134	87	65	0	7	2	0	
ROCHESTER	66	45	81	31	56	5	0.06	-1.17	0.06	0.00	0	4.86	49	86	44	0	1	1	0	
MS GREENWOOD	68	45	82	28	56	6	0.13	-1.14	0.12	0.00	0	10.87	100	84	43	0	2	2	0	
JACKSON	67	43	81	28	55	2	0.43	-1.06	0.43	0.00	0	6.66	59	94	42	0	1	1	0	
MERIDIAN	56	34	75	17	45	4	0.40	-0.62	0.40	0.00	0	4.54	68	84	43	0	4	1	0	
MO CAPE GIRARDEAU	50	26	77	10	38	3	0.29	-0.28	0.16	0.00	0	2.81	79	79	43	0	5	2	0	
COLOMBIA	43	21	74	6	32	-4	0.31	-0.10	0.31	0.00	0	1.33	56	70	36	0	6	1	0	
KANSAS CITY	53	32	78	17	43	4	0.38	-0.31	0.25	0.00	0	3.79	90	73	38	0	5	2	0	
SAINT LOUIS	52	27	77	12	40	0	0.56	-0.13	0.44	0.00	0	3.13	79	85	43	0	5	3	0	
SPRINGFIELD	20	3	38	-13	12	-20	0.39	0.20	0.24	0.00	0	1.41	85	83	62	0	7	3	0	
MT BILLINGS	16	-1	29	-13	8	-15	0.11	0.03	0	0.02	100	0.63	95	84	61	0	7	0	0	
GLASGOW	18	-2	44	-18	8	-22	0.14	-0.04	0.10	0.00	0	0.59	38	87	58	0	7	3	0	
GREAT FALLS	19	2	37	-16	11	-15	0.04	-0.07	0.04	0.04	133	0.98	104	84	66	0	7	1	0	
HAVER	20	-2	49	-17	9	-21	0.00	-0.12	0.00	0.00	0	0.56	50	75	51	0	7	0	0	
HELENA	27	6	45	1	17	-13	0.00	-0.24	0.00	0.00	0	4.53	166	71	32	0	7	0	0	
KALISPELL	18	3	31	-17	11	-17	0.24	0.13	0.06	0.06	200	1.52	146	89	68	0	7	4	0	
MILWAUKEE	31	10	51	2	20	-12	0.00	-0.20	0.00	0.00	0	2.90	136	66	31	0	7	0	0	
MISSOULA	33	10	57	0	22	-10	0.00	-0.30	0.00	0.00	0	1.08	81	74	39	0	7	0	0	
NE GRAND ISLAND	36	13	65	4	24	-7	0.00	-0.31	0.00	0.00	0	1.08	77	75	34	0	7	0	0	
LINCOLN	30	10	56	1	20	-9	0.00	-0.31	0.00	0.00	0	0.96	67	72	40	0	7	0	0	
NORFOLK	31	9	42	-4	20	-12	0.00	-0.18	0.00	0.00	0	0.50	56	78	43	0	7	0	0	
NORTH PLATTE	35	15	64	3	25	-7	0.00	-0.31	0.00	0.00	0	1.51	91	69	38	0	7	0	0	
OMAHA	31	11	41	-2	21	-12	0.00	-0.18	0.00	0.00	0	0.83	81	75	35	0	7	0	0	
SCOTTSBLUFF	21	2	34	-12	12	-19	0.02	-0.20	0.02	0.00	0	0.68	61	89	62	0	7	1	0	
VALENTINE	32	1	48	-8	16	-15	0.23	0.04	0.23	0.00	0	1.46	99	86	43	0	7	1	0	
NV ELY	54	34	65	26	44	-10	0.02	-0.09	0.02	0.00	0	0.26	27	72	27	0	2	1	0	
RENO	42	18	58	10	30	-10	0.05	-0.16	0.05	0.00	0	3.10	143	83	34	0	7	1	0	
WINDHECCA	41	17	53	6	29	-9	0.00	-0.17	0.00	0.00	0	2.75	191	85	37	0	7	0	0	
WY CONCORD	40	22	54	8	31	5	0.33	-0.30	0.32	0.32	188	7.78	147	69	34	0	6	2	0	
NJ ATLANTIC CITY	51	31	66	14	41	4	0.26	-0.52	0.26	0.26	118	5.67	83	68	32	0	4	1	0	
NM ALBUQUERQUE	51	28	64	22	39	-4	0.00	-0.11	0.00	0.00	0	0.35	36	51	21	0	6	0	0	
CLOVIS	55	29	67	17	42	-1	0.00	-0.14	0.00	0.00	0	0.36	38	59	20	0	5	0	0	
ROSWELL	60	33	70	25	47	-1	0.00	0.00	0.00	0.00	0	0.00	0	54	21	0	5	0	0	
NY ALBANY	40	24	49	12	32	4	0.13	-0.48	0.10	0.00	0	3.96	81	77	40	0	6	2	0	
BINGHAMTON	37	21	49	11	29	3	0.41	-0.19	0.29	0.00	0	4.10	82	83	51	0	6	2	0	
BUFFALO	37	23	47	14	30	2	0.47	-0.12	0.22	0.02	12	4.69	89	91	52	0	7	4	0	
NEW YORK	50	35	63	25	42	6	0.46	-0.30	0.37	0.37	176	6.61	106	85	27	0	3	2	0	
ROCHESTER	40	21	50	11	30	2	0.50	-0.03	0.26	0.08	57	4.89	111	85	52	0	7	4	0	
SYRACUSE	38	21	49	14	30	2	0.45	-0.12	0.30	0.04	25	4.43	94	77	44	0	6	4	0	
NC ASHEVILLE	60	33	78	27	47	4	0.02	-1.25	0.02	0.00	0	9.91	111	81	33	0	4	1	0	
CHARLOTTE	65	42	80	35	53	7	0.07	-0.97	0.07	0.00	0	6.61	83	66	28	0	0	1	0	
GREENSBORO	62	39	77	30	50	7	0.00	-0.87	0.00	0.00	0	6.23	91	63	31	0	2	0	0	
HATTERAS	66	44	83	33	55	6	0.75	-0.24	0.51	0.70	259	6.12	68	81	41	0	0	3	1	
NEW BERN	64	39	80	30	51	6	0.00	-0.93	0.00	0.00	0	6.79	90	72	22	0	3	0	0	
RALEIGH	65	45	79	36	55	6	0.87	-0.21	0.75	0.79	263	4.52	47	92	42	0	0	3	1	
WILMINGTON	15	1	27	-6	8	-13	0.39	0.27	0.22	0.00	0	1.62	171	79	57	0	7	2	0	
ND BISMARCK	11	-4	20	-11	3	-14	0.59	0.44	0.41	0.00	0	2.75	225	81	68	0	7	3	0	
FARGO	8	-5	21	-11	2	-14	0.45	0.30	0.35	0.03	60	1.62	129	85	68	0	7	3	0	
GRAND FORKS	15	0	26	-8	8	-14	0.11	-0.00	0.06	0.01	33	0.97	95	78	56	0	7	3	0	
WILLISTON	44	26	65	14	35	3	0.28	-0.39	0.12	0.04	20	2.55	54	87	53	0	4	3	0	
OH CINCINNATI	49	29	71	13	39	2	1.12	0.29	0.81	0.00	0	5.57	99	83	49	0	4	2	1	
CLEVELAND	45	28	66	15	36	5	1.02	0.41	0.87	0.08	47	4.30	96	87	53	0	4	3	1	
COLOMBUS	47	28	71	17	38	6	1.19	0.55	0.80	0.00	0	5.95	134	81	47	0	5	2	1	
DAYTON	47	27	70	15	37	3	1.22	0.56	0.91	0.00	0	5.08	111	86	53	0	4	2	1	

Based on 1961-90 normals.

Weather Data for the Week Ending March 2, 1996

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT			NUMBER OF DAYS							
	AVERAGE	MAXIMUM	MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Mar 1	PCT. NORMAL SINCE Mar 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE	MAXIMUM	MINIMUM	90 AND ABOVE	92 AND BELOW	TEMP. °F		PRECIP.	
																				.01 INCH OR MORE	.50 INCH OR MORE	.01 INCH OR MORE	.50 INCH OR MORE
OH TOLEDO	42	24	66	12	33	3	0.57	0.06	0.54	0.00	0	2.83	77	82	54	0	0	0	5	2	1	1	
OH YOUNGSTOWN	44	26	61	13	35	5	0.94	0.33	0.88	0.00	0	4.71	106	88	57	0	0	0	4	3	0	1	
OK OKLAHOMA CITY	57	32	82	16	45	0	0.00	-0.52	0.00	0.00	0	0.08	3	64	28	0	0	0	5	0	0	0	
OR TOLSA	58	33	79	19	45	0	0.00	-0.65	0.00	0.00	0	0.63	17	70	27	0	0	0	5	0	0	0	
OR ASTORIA	51	30	58	27	41	-5	0.00	-1.74	0.00	0.00	0	23.63	129	80	42	0	0	0	6	0	0	0	
OR BURNS	39	17	51	7	27	-4	0.05	-0.16	0.00	0.00	0	2.77	152	88	47	0	0	0	6	0	0	0	
ND BENDPOND	54	32	64	24	43	-2	0.02	-0.42	0.02	0.00	0	8.39	174	79	37	0	0	0	4	1	0	0	
ND FENDLTON	40	21	60	15	31	-11	0.08	-0.19	0.08	0.00	0	3.47	126	84	53	0	0	0	7	1	0	0	
ND PORTLAND	49	30	58	27	39	-6	0.00	-0.87	0.00	0.00	0	16.45	172	76	36	0	0	0	5	0	0	0	
ND SALSIN	48	28	57	24	39	-6	0.05	-0.99	0.05	0.05	17	20.15	186	91	46	0	0	0	7	1	0	0	
PA ALLENTOWN	48	29	62	15	39	5	0.15	-0.59	0.08	0.00	0	8.31	129	67	29	0	0	0	5	2	0	0	
PA BRIS	41	24	56	15	33	3	0.87	0.24	0.60	0.24	141	4.95	104	86	48	0	0	0	6	4	1	1	
PA HARRISBURG	49	34	68	21	42	6	0.25	-0.50	0.18	0.00	0	7.64	125	68	32	0	0	0	4	2	0	0	
PA PHILADELPHIA	51	32	66	20	42	5	0.31	-0.45	0.31	0.31	148	5.33	78	67	33	0	0	0	4	1	0	0	
PA PITTSBURGH	48	29	68	16	38	5	1.11	0.42	0.69	0.13	65	6.37	122	82	45	0	0	0	4	4	1	1	
PA SCRANTON	45	26	60	15	36	5	0.12	-0.44	0.12	0.00	0	7.78	173	66	34	0	0	0	5	1	0	0	
RI PROVIDENCE	46	29	59	16	38	5	0.43	-0.48	0.28	0.28	112	7.42	94	63	30	0	0	0	4	3	0	0	
SC CHARLESTON	59	49	83	39	59	6	0.57	-0.37	0.40	0.40	143	2.78	39	91	43	0	0	0	0	2	0	0	
SC COLOMBIA	70	45	84	34	58	7	0.35	-0.74	0.35	0.00	0	4.07	45	79	30	0	0	0	0	1	0	0	
SC FLORENCE	69	46	85	38	57	7	0.25	-0.64	0.25	0.00	0	4.23	59	84	33	0	0	0	0	1	0	0	
SC GREENVILLE	66	43	81	35	54	8	0.06	-1.15	0.06	0.00	0	9.30	103	68	28	0	0	0	0	1	0	0	
SD ABERDEEN	14	-1	26	-11	6	-15	0.38	0.19	0.22	0.00	0	2.08	160	78	59	0	0	0	7	2	0	0	
SD HURON	16	2	31	-7	9	-16	0.24	-0.03	0.17	0.00	0	1.34	112	81	60	0	0	0	7	2	0	0	
SD RAPID CITY	22	4	35	-9	13	-17	0.16	-0.01	0.08	0.10	200	0.98	102	87	60	0	0	0	7	4	0	0	
SD SIOUX FALLS	21	5	37	-5	13	-12	0.02	-0.22	0.01	0.00	0	1.16	92	85	56	0	0	0	7	2	0	0	
TN CHATTANOOGA	61	35	77	25	48	2	0.36	-0.97	0.24	0.00	0	9.63	94	83	36	0	0	0	4	2	0	0	
TN KNOXVILLE	60	35	77	26	48	4	0.51	-0.61	0.39	0.00	0	10.20	117	79	37	0	0	0	4	2	0	0	
TN KNOXVILLE	60	40	76	25	50	2	0.91	-0.28	0.91	0.00	0	8.22	96	76	40	0	0	0	2	1	1	1	
TN MEMPHIS	60	37	76	24	48	4	0.67	-0.38	0.66	0.00	0	6.39	82	76	39	0	0	0	4	2	1	1	
TN NASHVILLE	60	37	76	24	48	4	0.67	-0.38	0.66	0.00	0	6.39	82	76	39	0	0	0	4	2	1	1	
TX ARILENE	53	25	69	12	39	-3	0.00	-0.19	0.00	0.00	0	0.30	25	53	21	0	0	0	5	0	0	0	
TX AMARILLO	53	25	69	12	39	-3	0.00	-0.19	0.00	0.00	0	0.30	25	53	21	0	0	0	5	0	0	0	
TX AUSTIN	66	48	83	33	57	0	0.53	0.04	0.53	0.00	0	0.66	16	89	42	0	0	0	0	1	1	1	
TX BEAUMONT	66	48	83	33	57	0	0.53	0.04	0.53	0.00	0	0.66	16	89	42	0	0	0	0	1	1	1	
TX BROWNSVILLE	72	54	86	41	63	-2	0.00	-0.16	0.00	0.00	0	0.21	8	91	43	0	0	0	0	0	0	0	
TX CORPUS CHRISTI	71	51	85	33	61	-1	0.00	-0.35	0.00	0.00	0	0.11	3	90	44	0	0	0	0	0	0	0	
TX DEL RIO	48	31	63	35	59	2	0.58	0.30	0.22	0.01	17	0.58	22	82	37	0	0	0	0	4	0	0	
TX EL PASO	62	38	68	28	50	-1	0.00	-0.09	0.00	0.00	0	0.30	35	40	15	0	0	0	2	0	0	0	
TX FORT WORTH	61	43	76	31	52	2	0.19	-0.47	0.19	0.00	0	1.28	28	69	33	0	0	0	1	1	0	0	
TX GALVESTON	63	54	75	41	59	2	0.00	-0.51	0.00	0.00	0	0.77	13	90	63	0	0	0	0	0	0	0	
TX HOUSTON	69	51	84	33	60	6	1.12	0.31	0.59	0.00	0	2.17	28	89	49	0	0	0	0	2	2	2	
TX LUBBOCK	58	31	74	20	45	-2	0.00	-0.19	0.00	0.00	0	0.26	23	61	16	0	0	0	5	0	0	0	
TX MIDLAND	65	34	80	19	49	-2	0.00	-0.13	0.00	0.00	0	0.08	7	62	17	0	0	0	4	0	0	0	
TX SAN ANGELO	66	39	83	25	52	0	0.05	-0.18	0.03	0.00	0	0.29	15	77	24	0	0	0	4	2	0	0	
TX SAN ANTONIO	67	47	86	30	57	0	0.69	0.31	0.69	0.00	0	0.69	19	86	45	0	0	0	1	1	1	1	
TX VICTORIA	68	50	82	33	59	1	0.27	-0.31	0.24	0.00	0	0.32	5	99	49	0	0	0	0	2	0	0	
TX WACO	64	45	80	28	55	1	0.00	-0.53	0.00	0.00	0	1.00	25	83	35	0	0	0	2	0	0	0	
TX WICHITA FALLS	61	33	84	18	47	-1	0.00	-0.54	0.00	0.00	0	0.10	3	65	26	0	0	0	4	0	0	0	
UT CEDAR CITY	40	15	52	3	27	-10	0.28	0.00	0.26	0.00	0	1.19	70	90	43	0	0	0	7	2	0	0	
UT SALT LAKE CITY	38	20	47	10	29	-9	0.53	0.16	0.32	0.00	0	4.63	184	86	44	0	0	0	7	3	0	0	
VT BURLINGTON	35	20	43	10	27	4	0.09	-0.35	0.09	0.00	0	4.53	125	74	45	0	0	0	7	1	0	0	
VA NORFOLK	59	38	73	30	49	4	0.44	-0.43	0.26	0.44	182	8.95	118	74	45	0	0	0	2	2	0	0	
VA RICHMOND	58	36	73	25	47	4	0.08	-0.74	0.07	0.07	29	5.47	81	71	34	0	0	0	3	2	0	0	
VA ROANOKE	60	37	78	23	48	7	0.02	-0.78	0.02	0.00	0	9.01	151	66	25	0	0	0	3	1	0	0	
WA QUILLAYUTE	49	28	58	22	39	-4	0.00	-2.93	0.00	0.00	0	25.81	92	84	38	0	0	0	6	0	0	0	
WA SEATTLE-TACOMA	49	30	56	28	39	-5	0.00	-0.89	0.00	0.00	0	15.69	161	82	52	0	0	0	7	0	0	0	
WA SPOKANE	33	14	46	9	23	-13	0.00	-0.36	0.00	0.00	0	5.01	138	76	39	0	0	0	7	0	0	0	
WA YAKIMA	44	21	60	18	32	-8	0.00	-0.17	0.00	0.00	0	3.11	154	64	36	0	0	0	7	0	0	0	
WV BECKLEY	52	30	71	14	41	5	0.45	-0.31	0.21	0.04	19	8.42	136	79	36	0	0	0	4	3	0	0	
WV CHARLESTON	54	31	76	19	42	2	0.47	-0.34	0.27	0.00	0	7.86	125	87	36	0	0	0	4	3	0	0	
WV HUNTINGTON	54	33	77	19	44	6	0.24	-0.56	0.17	0.02	9	7.79	122	78	35	0	0	0	4	3	0	0	
WV PARKERSBURG	52	30	73	16	41	4	0.98	0.19	0.75	0.00	0	6.81	107	86	44	0	0	0	4	2	1	1	
WI GREEN BAY	27	13	39	0	20	-3	0.57	0.22	0.56	0.00	0	2.54	109	81	57	0	0	0	7	2	1	1	
WI LACROSSE	30	12	50	-1	21	-4	0.22	-0.09	0.00	0.00	33	3.47	178	86	49	0	0	0	7	0	0	0	
WI MADISON	32	15	56	-1	23	-2	0.42	0.07	0.25	0.01	10	3.06	129	84	47	0	0	0	7	4	0	0	
WI MILWAUKEE	34	18	53	1	26	-1	0.45	-0.01	0.29	0.00	0	2.02	62	82	50	0	0	0	6	3	0	0	
WI WAUSAU	25	9	45	-5	17	-5	0.12	-0.19	0.12	0.00	0	2.48	128	81	44	0	0	0	7	1	0	0	
WY CASPER	24	1	42	-20	12	-17	0.15	-0.02	0.13	0.00	0	1.20	100	81	54	0	0	0	7	2	0	0	
WY CHERYBEE	28	9	49	-5	18	-13	0.00	-0.16	0.00	0.00	0	0.58	68	78	43	0	0	0	7	0			

TEMPERATURE AND PRECIPITATION SUMMARY

February 1996

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	0	3.09	-1.63	LA BATON ROUGE	54	1	1.41	-4.11	OK YOUNGSTOWN	26	0	2.03	0.00
AL HUNTSVILLE	42	-1	2.32	-2.55	LA LAKE CHARLES	55	1	1.65	-1.94	OK OKLAHOMA CITY	44	3	0.02	-1.54
AL MOBILE	53	-1	6.23	0.77	LA NEW ORLEANS	56	2	1.56	-4.45	OR TULSA	43	3	0.16	-1.81
AK MOFTOMERY	49	1	4.55	-0.77	ME BREVESPORT	52	3	0.64	-3.50	OR ASTORIA	44	0	14.53	6.94
AK ANCHORAGE	16	-3	2.40	1.62	ME CARIBOU	14	2	2.69	0.77	OR BURNS	29	0	0.92	0.16
AK BARROW	-16	2	0.12	-0.03	ME PORTLAND	24	0	2.96	-0.37	OR MEDFORD	47	5	2.96	1.03
AK FAIRBANKS	-2	1	1.42	1.02	MD BALTIMORE	36	1	2.36	-0.76	OR PENDLETON	35	-5	1.70	0.56
AK JUNEAU	29	0	8.43	4.68	MD BALTIMORE	37	0	1.72	-1.74	OR PORTLAND	42	-2	10.03	6.18
AK KODIAK	29	-1	2.00	-3.28	MA BOSTON	31	0	3.17	-0.45	OR SALEM	42	0	13.01	8.51
AK NOME	4	0	2.01	1.41	MA CHATHAM	--	--	--	--	PA ALLENTOWN	30	0	1.87	-1.08
AZ FLAGSTAFF	36	5	1.36	-0.73	MI ALPENA	17	-1	1.51	0.22	PA ELIZ	26	0	1.44	-0.84
AZ PHOENIX	62	5	1.03	0.35	MI DETROIT	26	1	1.70	-0.04	PA HARRISBURG	32	1	1.56	-1.37
AZ PRESCOTT	47	8	0.93	-0.61	MI FLINT	24	0	1.04	-0.24	PA PHILADELPHIA	34	1	1.41	-1.66
AZ TUCSON	59	5	0.81	0.11	MI GRAND RAPIDS	24	0	0.90	-0.52	PA PITTSBURGH	30	1	2.54	0.15
AZ WINSLOW	45	6	0.38	-0.17	MI HOUGHTON LAKE	20	2	1.46	0.30	PA SCRANTON	28	1	1.37	-0.78
AR YUMA	65	4	0.18	-0.04	MI LAWSON	24	3	0.78	-0.43	PA WILLIAMSPORT	28	0	1.84	-1.02
AR FORT SMITH	44	3	1.35	-1.25	MI MARQUETTE	12	-2	2.91	1.18	RI PROVIDENCE	29	0	2.20	-1.41
AR LITTLE ROCK	--	--	1.55	-2.06	MI MUSKEGON	24	0	1.58	0.09	SC CHARLESTON	52	1	1.36	-1.94
CA BAKERSFIELD	55	2	1.92	0.86	MS SAULT ST. MARIE	12	-2	2.24	0.50	SC COLUMBIA	49	2	1.16	-2.96
CA BISHOP	--	--	--	--	MS ALEXANDRIA	12	-1	0.36	-0.28	SC FLORENCE	49	2	1.80	-1.44
CA EUREKA	53	3	8.09	3.36	MS DULUTH	12	0	1.10	0.30	SC GREENVILLE	45	2	3.75	-0.66
CA FRESNO	54	3	2.98	1.18	MS INT'L FALLS	7	0	1.47	0.84	SD ABERDEEN	18	1	0.78	0.19
CA LOS ANGELES	58	1	4.19	1.68	MS MINNEAPOLIS	18	0	0.25	-0.63	SD HURON	21	2	0.36	-0.32
CA REDDING	52	1	9.06	4.61	MS ROCHESTER	17	0	0.18	-0.56	SD RAPID CITY	28	1	0.06	-0.46
CA SACRAMENTO	54	4	6.09	3.22	MS ST. CLOUD	13	-1	--	--	SD SIOUX FALLS	23	3	0.16	-0.48
CA SAN DIEGO	59	0	0.88	-0.65	MS GREENWOOD	48	1	--	--	TX BRISTOL	36	-1	2.51	-0.93
CA SAN FRANCISCO	55	3	6.01	2.84	MS JACKSON	50	3	2.01	-2.76	TX CHATTANOOGA	41	-1	1.50	-3.31
CA SANTA MARIA	56	4	7.17	4.55	MS MERIDIAN	48	-1	4.12	-1.31	TX CHEROKEE	39	-1	2.70	-1.36
CO ALAMOSA	29	7	--	--	MS TUPELO	44	0	3.37	-1.35	TX HENRIETTA	44	1	2.77	-1.58
CO CO. SPRINGS	34	2	0.34	-0.06	MS CAPE GIRARDEAU	39	3	1.07	-2.25	TX HESBURN	41	0	2.46	-1.35
CO DENVER	34	1	0.09	-0.48	MS COLUMBIA	35	4	0.42	-1.37	TX HIGHLAND	51	4	0.04	-1.12
CO GRAND JUNCTION	40	4	1.07	0.49	MS KANSAS CITY	34	3	0.36	-0.74	TX ANARILLO	43	4	0.26	-0.35
CO FURELO	35	0	0.12	-0.19	MS SAINT LOUIS	38	3	0.52	-1.60	TX AUSTIN	58	5	0.62	-1.55
CT BRIDGEPORT	31	1	2.67	-0.34	MS SPRINGFIELD	38	3	0.61	-1.35	TX BRAUNSPort	56	2	1.28	-2.10
CT HARTFORD	28	0	2.86	-0.37	MS BILLINGS	30	1	0.62	-0.02	TX BROWNVILLE	64	1	0.15	-0.91
DC WASHINGTON	37	-1	1.99	-0.72	MS GLASGOW	18	0	0.11	-0.16	TX CORPUS CHRISTI	61	3	0.03	-1.93
FL PANAMA CITY	53	0	3.91	-1.33	MS GREAT FALLS	27	-1	0.26	-0.31	TX DEL RIO	59	5	0.39	-0.64
FL DAYTONA BEACH	57	-2	0.78	-2.33	MS HAVRE	22	1	0.12	-0.24	TX EL PASO	55	7	0.19	-0.22
FL FT. MYERS	62	-3	0.88	-1.45	MS KELENA	21	-5	0.10	-0.31	TX FORT WORTH	52	5	0.35	-2.07
FL JACKSONVILLE	56	0	1.11	-2.80	MS KALISPELL	24	-2	2.01	0.91	TX GALVESTON	57	2	0.09	-2.17
FL KEY WEST	67	-3	0.24	-1.56	MS MILES CITY	26	2	0.28	-0.17	TX HOUSTON	59	5	1.29	-2.34
FL MIAMI	67	-2	0.80	-1.28	MS MISSOULA	25	-4	0.84	0.05	TX LUBBOCK	--	--	--	--
FL ORLANDO	61	0	1.52	-1.50	MS GRAND ISLAND	31	3	0.02	-0.70	TX MIDLAND	47	4	0.06	-0.62
FL TALLAHASSEE	54	1	3.57	-1.99	MS LINCOLN	30	4	0.06	-0.66	TX MIDLAND	51	3	T	-0.55
FL TAMPA	60	-2	3.04	-0.04	MS NORFOLK	29	4	0.05	-0.72	TX SAN ANGELO	53	4	0.23	-0.84
FL WEST PALM BEACH	64	-3	0.67	-2.22	MS NORTH PLATTE	30	3	T	-0.43	TX SAN ANTONIO	59	4	0.69	-1.12
GA ATHENS	46	0	3.20	-1.22	MS OHAMA	28	1	0.16	-0.61	TX VICTORIA	59	3	0.39	-2.39
GA ATLANTA	47	2	3.75	-1.06	MS SCOTTSBLUFF	31	1	T	-0.47	TX WACO	54	4	0.16	-1.93
GA AUGUSTA	49	1	1.75	-2.52	MS VALENTINE	28	0	0.17	-0.41	TX WICHITA FALLS	49	4	T	-1.97
GA MACON	49	0	2.99	-1.75	NV ELKO	27	-4	1.45	0.62	UT BLANDING	--	--	--	--
GA SAVANNAH	55	2	1.35	-1.87	NV ELKO	32	3	1.03	0.38	UT CEDAR CITY	40	5	0.35	-0.54
HI HILO	71	0	11.81	1.52	NV LAS VEGAS	55	4	0.14	-0.34	VT SALT LAKE CITY	31	-3	1.54	0.31
HI HONOLULU	74	1	0.98	-1.23	NV RENO	40	2	1.76	0.77	VT BURLINGTON	21	3	0.83	-0.80
HI KAHULUI	73	1	1.87	-1.00	NV WINDHOEK	36	0	1.10	0.48	VA LYNDENBURG	38	1	2.70	-0.34
HI LIHUE	70	-1	4.17	0.84	NE CORCOR	23	2	2.58	0.05	VA NORFOLK	41	0	3.04	-0.43
ID BOISE	35	-1	0.96	-0.11	NJ ATLANTIC CITY	33	0	1.49	-1.57	VA RICHMOND	38	-1	2.97	-0.19
ID LEWISTON	35	-5	1.92	1.03	NM ALBUQUERQUE	46	6	0.19	-0.27	VA ROANOKE	31	1	2.12	-0.92
ID POCATELLO	31	2	0.68	-0.24	NM CLOVIS	46	5	0.21	-0.30	WA COLVILLE	--	--	--	--
IL CAIRO	--	--	--	--	NM ROSWELL	50	5	--	--	WA OQUILAYUTE	43	1	10.23	-2.36
IL CHICAGO	26	1	0.71	-0.65	NY ALBANY	25	1	1.49	-0.78	WA SEATTLE-TACOMA	43	0	8.35	4.36
IL MOLINE	25	0	1.11	-0.12	NY BINGHAMTON	22	0	1.54	-0.79	WA SPOKANE	29	-4	2.92	1.43
IL PEORIA	29	3	0.82	-0.60	NY BUFFALO	24	0	2.09	-0.22	WA WALLA WALLA	35	-5	--	--
IL QUINCY	31	2	0.36	-1.11	NY NEW YORK	35	2	2.14	-0.72	WA YAKIMA	31	-5	1.80	1.06
IL ROCKFORD	23	0	0.49	-0.65	NY ROCHESTER	25	0	1.62	-0.48	NV BECKLEY	32	-1	2.84	-0.10
IL SPRINGFIELD	31	3	1.04	-0.73	NY SYRACUSE	25	0	1.20	-0.95	NV CHARLESTON	35	0	2.82	-0.22
IN EVANSVILLE	36	0	1.44	-1.98	NC ASHEVILLE	40	0	2.71	-1.75	NV ELKINS	30	0	4.72	1.72
IN FORT WAYNE	29	2	1.25	-0.66	NC CHARLOTTE	64	2	2.50	-1.34	NV HUNTINGTON	36	3	2.10	-0.98
IN INDIANAPOLIS	31	1	1.17	-1.29	NC GREENSBORO	40	0	1.84	-1.48	NV PARKERSBURG	33	0	2.41	-0.44
IN SOUTH BEND	38	1	2.09	0.19	NC HATTERAS	--	--	3.62	-0.50	WI GREEN BAY	18	0	0.76	-0.27
IA DES MOINES	25	0	0.56	-0.46	NC NEW BERN	47	1	1.33	-2.91	WI LACROSSE	20	0	0.41	-0.49
IA DUBUQUE	22	1	0.36	-0.96	NC RALEIGH	42	0	2.55	-1.14	WI MADISON	22	1	0.53	-0.53
IA SIOUX CITY	26	3	0.07	-0.64	NC WILMINGTON	47	2	1.12	-3.25	WI MILWAUKEE	24	1	0.52	-0.93
IA WATERLOO	21	1	0.08	-1.00	ND BISMARCK	19	3	0.66	0.23	WI WAUSAU	16	0	0.36	-0.51
KS CONCORDIA	35	4	T	-0.75	ND FARGO	11	-1	0.94	0.49	NY CANTON	28	2	0.24	-0.36
KS DODGE CITY	38	3	0.07	-0.55	ND GRAND FORKS	11	0	0.70	0.21	NY CHEYENNE	30	1	0.07	-0.32
KS GOODLAND	34	2	0.02	-0.37	ND WILLISTON	20	3	0.18	-0.24	NY LANDED	28	2	0.55	-0.02
KS TOPPEA	35	3	0.19	-0.85	OR AKRON-CANTON	26	-1	0.94	-1.29	NY SHERIDAN	28	2	0.33	-0.31
KS WICHITA	38	2	0.10	-1.01	OR CINCINNATI	32	0	1.93	-0.76	PR SAN JUAN	78	1	2.45	0.30
KY BOWLING GREEN	40	3	5.46	1.33	OH CLEVELAND	28	0	1.54	-0.65					
KY JACKSON	37	0	3.11	-0.71	OH COLUMBUS	31	3	2.21	0.00					
KY LEXINGTON	36	1	1.86	-1.35	OH DAYTON	30	0	1.60	-0.57					
KY LOUISVILLE	37	2	1.99	-1.31	OH MANSFIELD	27	-1	3.36	1.25					
KY PADUCAH	38	1	1.09	-2.96	OH TOLEDO	27	2	0.95	-0.78					

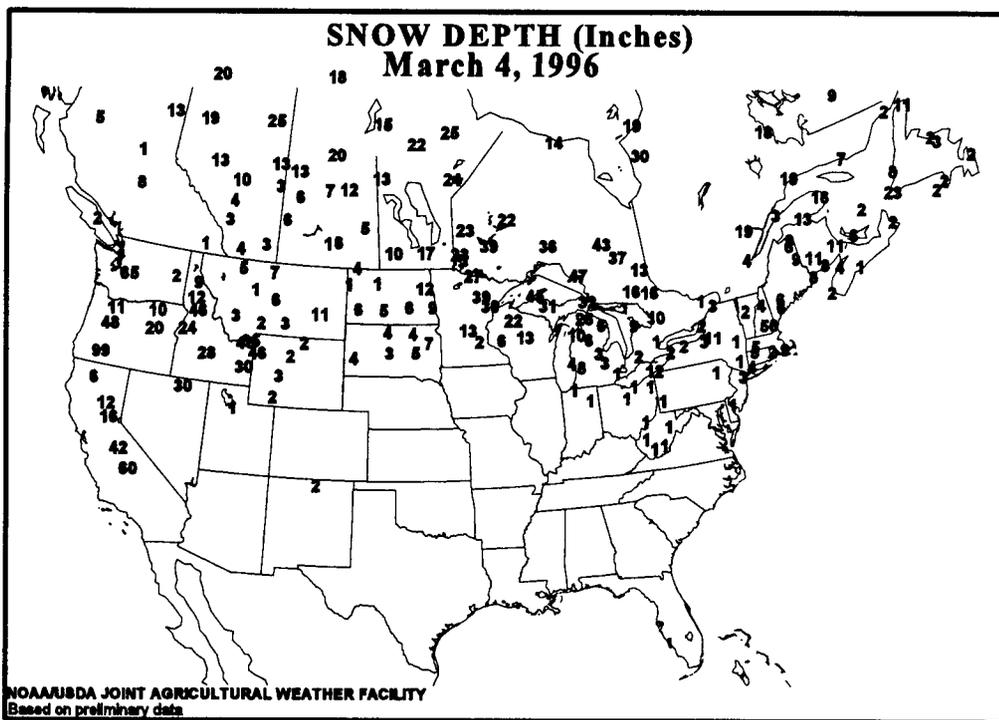
Based on 1961-90 normals.

National Agricultural Summary

HIGHLIGHTS for February 26 - March 3, 1996

Wheat condition across Kansas was rated mostly fair to poor. Dry, windy conditions prompted some Kansas wheat producers to till strips across their fields to lessen soil erosion. Dry weather has persisted across the central and southern Great Plains since winter wheat was seeded last fall.

The lack of adequate soil moisture supplies has producers concerned as wheat begins to break dormancy. Land preparation was slowed in Texas by windy weather at midweek. The number of cattle sent to some auctions in Texas was greater than normal due to high feed costs and lack of hay.



February State Summaries of Weather and Agriculture

ALABAMA: Spring plowing complete 12%. Topsoil moisture 72% adequate, 28% surplus. Wheat 1% very poor, 40% poor, 41% fair, 17% good, 1% excellent. Pasture condition 25% very poor, 31% poor, 41% fair, 3% good. Hay, roughage supplies 91% short, 9% adequate. Livestock 6% very poor, 21% poor, 59% fair, 13% good, 1% excellent. Activities: Ground preparation for spring planting, general care of livestock, poultry, catfish.

ARIZONA: Taking advantage of early planting dates, warm temperatures, cotton planting was underway by late February. Pre-planting preparations were becoming active in all production areas by month's end. Small grain plantings, crop progress, behind usual the first of the month, had caught up by the end of the month. Condition at month's end was 1% very poor, 2% poor, 5% fair, 60% good, 32% excellent. Sixty-seven percent of the State's alfalfa acreage was not being cut at the beginning of the month but dormant fields are beginning to show life. At the end of the month, haying activity was 10% light, 10% moderate, 33% active. Condition of the hay crop was 3% poor, 12% fair, 60% good, 25% excellent. Winter vegetable harvest was very active throughout the month in central, western areas. Iceberg lettuce, romaine, leaf lettuce,

broccoli, cauliflower, cabbage, mixed greens, spinach were the volume leaders during the month. Celery, salad savoy, green onions, bok choy, a number of other vegetables were also shipped. Eastern areas shipped a steady supply of tomatoes. Citrus harvest remained active in central, western production areas. Grapefruit, lemons, tangerines, navels were picked, shipped throughout the month. Valencia harvest was underway at month's end. Lack of significant precipitation during February caused range conditions across State to look bleak going into summer. Almost half of the rangeland, pastures remained in very poor to poor condition, while a third could only be rated as fair. Cattlemen continued having to feed supplemental hay to maintain their herds. Cattle, calves remained in mostly fair condition. Stock water, soil moisture supplies continued mostly short in most areas of the State. Insect damage was negligible.

ARKANSAS: Main farm activities: Applying fertilizer, preparing fields, feeding hay. Wheat, oats reported in good to excellent condition. They are progressing normally. Livestock reported in good condition. Farmers are still concerned with forage supply.

CALIFORNIA: Temperatures generally above seasonal normals, most month; precipitation plentiful. Progress field activities limited by rain, wet soils, San Joaquin Valley northward. Small grains grew well, most areas; some wheat, oat fields damaged, excessive moisture. Head development continued central, southern counties. Wheat, oats, alfalfa, winter forages fertilized, treated for weeds. Sugarbeet planting continued. Corn, cotton fields sprayed with herbicides, prepared for planting, San Joaquin, Sacramento Valleys. By month's end, cotton planting underway, Imperial Valley. Seeding wheat, new alfalfa ongoing where conditions permitted. Oats green chopped, northern San Joaquin Valley. Established alfalfa, treated for weevils. Wheat fields sprayed for aphids, Imperial Valley. Fruit, nut orchards pruning, dormant spraying dominated months activities. Month's relatively warm weather brought on bloom, many stonefruit, almond, desert citrus trees. Central Valley cold snap, last week of month raised concern for fragile blossoms. Damage, if any, not determined yet. Rain, wind hampered bee pollination, almonds. Where feasible, fungicide spray applied, almonds, peaches, apricots. Stone fruit orchards treated to control brown rot, shot hole fungus, some areas. Through month grape growers, pruning, tying vines, repairing trellises, wires, putting down herbicides. By end February, some early varieties, pushing buds. Month's generally warm weather accelerated navel orange maturity. Picking new Valencia orange crop began, desert area. Wet weather hampered harvesting, lemons, Magnolias, grapefruit, navel oranges. Ground preparation continued, some vegetable fields. February's wet soils hampered field activities. Some asparagus damaged by end of month cold snap. For most month, asparagus harvested, southern, central areas. Broccoli, cauliflower harvested, Imperial, Monterey Counties, San Joaquin Valley. Broccoli, cauliflower planted, treated for worms, San Joaquin Valley. San Benito County, cabbage harvesting continued. Tomato planting, northern California, delayed due to rain. Carrots harvested, Kern County. Spinach crop continued good progress. Lettuce harvested, Imperial, Cecilia Valleys; sprayed for worms, Fresno County. Other vegetables harvested included: Mushrooms, sugar pea leaves, NAPA, bok choy. Rangeland, pasture showed rapid growth with February's warm temperatures, moisture. Grazing conditions, nutrient values improved. Due to volume, quality of forage, weight gains increased. Sheep were grazing alfalfa, broccoli fields. Cattle, sheep, good condition

COLORADO: Dry, windy conditions have caused moderate to severe damage to winter wheat in some areas, producers are considering options for planting alternative crops. Some early seed bed preparation for planting of small grains, onions has been completed. Major farm activities: Caring and feeding of livestock, general farm maintenance, equipment repair, preparing taxes.

DELAWARE: Excessive wet weather delaying operations in some areas. There is standing water in some fields particularly in the northern half of the State. Also delays in spreading of poultry manure, top-dressing grains (unless special equipment to handle wet fields available). Harvest of Kenaf crop behind schedule, crop in good condition. Hay supply short. Small grains in good condition. Fruit trees are being pruned. Activities: Repairing equipment, planning and purchasing for spring planting, tending livestock.

FLORIDA: Cold weather during the first and third weeks of February was followed both times by pleasant, mild growing conditions. Topsoil moisture remained mostly short to adequate throughout the State with scattered areas reporting a surplus. Sugarcane planting was completed near mid-month while harvest remained active throughout the month. Tobacco farmers maintained tobacco beds and prepared fields for transplanting. Preliminary fieldwork continues for the spring crops. Strawberries were hurt, slowed by both periods of cold weather, are recovering. Some vegetables received heavy leafburn and other damage from the freezing temperatures with some plants killed. Warmer temperatures helped some plants recover and allowed growers to begin replanting lost acreage. Harvest of some crops was slowed due to planting gaps caused by heavy fall rains. Groves in all areas of the citrus belt were in very good condition at the end of February. Moisture was short; however, growers were irrigating in all areas. New growth has started with pin-head to pencil-eraser size bloom buds in most groves. Early and mid orange harvest was virtually completed. Movement of all seedless grapefruit is increasing. Harvest of navels, early tangerines, tangelos was completed. Caretakers are cutting cover crops, hedging, topping harvested groves, burning excessive debris.

GEORGIA: Soil moisture short to mostly adequate. Rain end of month stopped field work south. Land preparation very active 2nd half of month, 50% to two-thirds complete south, zero to 15% north. Small grains fair to mostly good, growth improved with warmer temperatures. Some cold damage to oats. Nitrogen top dressing nearly complete southern half, just beginning, north. Peaches good, no significant freeze damage. Early varieties blooming, overall percentage 20-25%. Onions poor to fair, cold damage cutting potential production significantly. Tobacco bed preparation virtually complete. Plants

good, greenhouse tobacco plants good. Soil fumigants applied to tobacco fields. Corn planting underway extreme south, southeast end of month. Pastures poor to fair, except good southeast.

HAWAII: Crop conditions were mostly fair. Banana production remain light. Another serious outbreak of disease will adversely affect the already seasonally low production. Head cabbage production steady. Ginger root harvesting slowed by wet weather but supplies to remain heavy. Sugarcane harvesting was scheduled to restart for some major plantations last week.

IDAHO: As of the end of February, winter wheat condition was reported as 0% very poor, 1% poor, 21% fair, 51% good, 27% excellent. Calving was 53% complete, lambing was 55% complete at the end of February. Hay, roughage supply was reported to be 8% short, 85% adequate, 7% surplus at the end of the month. Activities: Feeding, caring for livestock, preparing taxes, repairing equipment, attending educational workshops.

ILLINOIS: Topsoil was mostly adequate. By mid-month, topsoil moisture was 3% surplus, 62% adequate, 33% short, 2% very short. The condition of the wheat crop deteriorated from a month earlier due to temperature fluctuations that caused freezing, thawing of the crop. By mid-month, wheat was 1% excellent, 23% good, 45% fair, 25% poor, 6% very poor. Major farm activities included: Attending producer meetings, preparing paperwork for the tax season, tending livestock, general farm maintenance, moving grain to markets.

INDIANA: Temperatures varied greatly during February from record lows to record highs. High grain prices caused farmers to move large amounts of stored grain to market. Winter wheat has begun to break dormancy in some central and southern areas. Some winter kill has been reported, extent is unknown at this time. Hay supplies were reported as mostly adequate with some areas getting short. Livestock was reported in mostly good condition. Major activities: Top dressing winter wheat, hauling manure, record keeping, tax preparation, purchasing seed, fertilizer, attending meetings, planning for the 1996 crop season, care of livestock.

IOWA: Depth of snow cover 0 in.; average depth of frost penetration 16 in. Soil erosion light to none 78%, moderate 20%, severe 2%. Grain movement continues to be hampered in areas where rail cars are in short supply. Grain movement was 5% none, 30% light, 52% moderate, 13% heavy. Availability of hay, roughage for livestock feed short 7%, adequate 87%, surplus 6%. Quality of hay, roughage poor 6%, fair 41%, good 53%. Utilization of stubble fields for grazing 26% none, 34% light, 34% moderate, 6% extensive. Extreme changes in weather have been hard on livestock. Hog, pig losses 4% below average, 86% average, 10% above average; cattle, calf losses 8% below average, 87% average, 5% above average. Other activities: Machinery maintenance, mending fence, attending meetings, preparing for spring planting.

KANSAS: Wheat across the State is judged to be in mostly fair or lesser condition. As of March 3, condition of the crop 15% good to excellent, 42% fair, 43% poor to very poor. Dry weather which has persisted in most areas since planting, high winds are the primary reasons for poor condition. Across the State, wind damage is reported to be 6% severe, 23% moderate, 29% light, 43% with no damage. Worst wind damage has occurred in the southwest, south central districts. Farmers in some areas have tilled strips across open fields in an attempt to reduce wind erosion. Freeze damage is reported as mostly light across the State. Freeze damage is estimated to be 2% severe, 7% moderate, 27% light, 64% with no damage. Disease, insect infestations are reported as minimal. Seeding of oats has reached 32% complete across the State, slightly ahead of 33% 1995, average of 22% for this date. Spring barley seeding 7% complete over the State, identical to progress at this time last year but behind the average of 15%. Statewide, surface soil moisture 95% short to very short, 5% adequate. Subsurface moisture 71% short to very short, 29% adequate. All districts are at least 75% short or very short of topsoil moisture. Pasture condition for the State 22% good to excellent, 48% fair, 30% poor to very poor. There is virtually no wheat pasture. Stock water supplies are becoming short in most districts, particularly in the west central, central, east central, southeastern districts.

KENTUCKY: Dry conditions prevailed in February, however, there was ample precipitation to keep soil moisture adequate across the State. Despite record extreme high and low temperatures which stressed livestock, monthly average temperatures were near to slightly above normal. Winter wheat showed only limited growth by month's end across southern areas. The burley tobacco marketing season ended with final sales the last day of the month. No tobacco was placed into the loan program this season. State gross sales totaled 380.8 million pounds, and averaged \$185.68 per hundred pounds. Poor pastures were scarce in nutrients, cold damp weather during February put livestock under

much weather-related stress. Cattle were in poor to fair condition with many producers feeding extra grain, hay. Increased cattle deaths, many pregnant cows, were reported across the State.

LOUISIANA: Days suitable for fieldwork 18.8. Soil moisture supplies in the northern portion of the state were generally short. Soil moisture supplies in the southern portion of the state were generally adequate. Corn: Planting began around the middle of the month in several parishes. Cotton: Growers began preparing fields in preparation for this year's crop. Sugarcane: Producers were busy fertilizing fields and controlling weeds. Rice: Growers continued to water-level and fertilize their fields. Wheat: Producers continued to apply fertilizer. Soybeans: Drier conditions allowed growers to prepare a good portion of soybean land. Sweet Potatoes: Producers began to plant seed potatoes. Vegetables: Hard freezes caused considerable damage to winter vegetables. Pepper producers began preparing ground for this year's crop. Livestock: Dwindling hay supplies continued to concern producers. Crawfish producers increased harvesting after a slow first half of the month due to cold weather. Pasture feed: Fertilization and maintenance of winter pastures were active throughout the month.

MARYLAND: Excessive wet weather has slowed top-dressing of small grains, spreading of poultry manure. Hay supply adequate at this time. Pastures beginning to green up, particularly on the Eastern shore. Small grains generally in good condition although development is lagging behind average in some areas. Fruit in good condition at this time. Livestock, poultry generally in good condition. Activities: Tending livestock, repairing equipment, preparing for spring planting.

MICHIGAN: Standing water and ice on wheat and hay fields was a concern with producers. Damage, if any, is unknown at this time. Livestock conditions were fair. Some livestock had a hard time with the extreme temperature changes. Feed supplies were adequate. Major activities for the month were caring for livestock, plowing snow, hauling manure, selling corn and soybeans, income taxes and planning for spring. Some pruning of fruit trees continues as weather permits.

MINNESOTA: Weather patterns during February provided two periods where daytime temperatures reached into the mid to upper 40° range. Snowpack rapidly receded during these periods, releasing water into the State river systems. The warm periods were each followed by seasonably cold temperatures which halted snow melt. This cycle allowed water to drain out of the State gradually rather than all at once. At month's end snowpack in the southern third of the State was mostly gone. Progressing north and east, the snow pack increases to depths of over 30 in. Sheep producers have begun lambing, and cattle producers will begin calving soon. Feed supplies remain tight across the State. County Educators have instituted a Hay Hotline to connect hay sellers with those who need to buy.

MISSISSIPPI: Main farming activities: Farm planning; equipment repair; feeding and tending livestock. Early February was a troublesome time for livestock producers because of plunging temperatures, freezing rain. There are reports of cattle injuries from walking on the ice, calf losses due to the storm. Catfish, poultry industries also fell behind because of the icy weather conditions. Damage to the timber industry was minimal. Hay supplies are very short in most counties due to the early-than-normal feeding required by the dry fall, the winter storm in February. The wheat crop is in good condition, producers are beginning to apply nitrogen to the crop.

MISSOURI: Topsoil moisture supply, 11% very short, 45% short, 43% adequate, 1% surplus. Shortages are prevalent in the west-central, central, and southwest districts which all report 76 percent or more very short or short. February found producers occupied with normal seasonal activities and chores. With the dry, mild weather at the end of the month, there were a few reports of spring tillage in parts of the state. Crop producers continue to plan, prepare for the upcoming planting season. Condition of winter wheat, 6% very poor, 30% poor, 44% fair, 18% good, 2% excellent. Condition of the wheat crop is poorest in the southwest district which reports 15% very poor, 43% poor; more favorable crop ratings are found in the south-central, southeast districts which report 25% or more, good or better. Pasture, range 20% very poor, 33% poor, 36% fair, 11% good. Supply of hay, other roughages, 13% very short, 28% short, 57% adequate, 2% surplus. Stock water supplies 11% very short, 30% short, 59% adequate. Condition of livestock 9% poor, 35% fair, 54% good, 2% excellent.

MONTANA: The first half of month was marked with above-normal temperatures and precipitation limited to the mountains. Later in the month temperatures were below normal with widespread snowfall reported. Winter wheat 5% poor, 38% fair, 55% good, 2% excellent. Protectiveness of snow

cover on winter wheat at the end of the month was 6% poor, 22% fair, 68% good, and 4% excellent. Wind damage to winter wheat rated 30% none, 59% light, 9% moderate, 2% heavy. Calving 23% complete. Lambing 14% complete. Most livestock receiving supplemental feed. Grazing at the end of the month was 10% open, 62% difficult, 28% closed.

NEBRASKA: Producer activities included equipment maintenance, disking, chiseling, fertilizer application, attending meetings, monitoring young calves and lambs, tax preparations, and moving grain to market. Stored grains was reported in good condition in most areas. Winter wheat condition 3% very poor, 23% poor, 51% fair, 19% good, and 4% excellent. Moisture supplies are critically short in many counties and wind erosion is a serious problem in the Panhandle and Southwest. Some farmers, fearing additional damage from winds, have used chisels to "rough up" fields in an attempt to control erosion. The extent of the damage from wind and winter kill will not be fully known until plants break dormancy. However, some fields are known to have been destroyed by producers. Cattle condition 1% poor, 16% fair, 72% good, and 11% excellent; 31% calves born, 20% 1995. Supplies of feed grain and hay were mostly adequate.

NEVADA: Above-normal precipitation during February in the central and northern regions has fairly well assured adequate surface irrigation water supplies for the coming season. Concerns have now shifted to potential flood problems, with nearly full reservoirs and heavy snow pack. Southern Nevada, however, has remained very dry. Irrigation of orchards, hay, and fall seeded grains has been necessary in the southeastern valleys. Fields were being prepared for planting in the extreme south. Ditch cleaning, weed burning underway. Grazing of hay fields continued. Calving gaining momentum. Sheep shearing getting underway. Farm flock lambing underway; range flock lambing to begin soon. Main farm, ranch activities: Livestock feeding, livestock marketing, equipment maintenance, ditch cleaning, attending meetings, preparing taxes.

NEW ENGLAND: Major farm activities: The month of February has seen a series of snowstorms move through New England followed by extended thawing periods. Various locations in the region have reported temperatures as low as -20 to -25° below zero, which can cause damage to vulnerable fruit tree buds, especially peach tree buds. But the recent warm weather has also allowed orchardists to catch up on pruning their trees. Recent strong winds have caused some minor damage to various barns, out buildings, nothing too severe. Cover crops left exposed after the snow melt look reasonably good. Farmers continue to attend farm-related meetings, plan for the upcoming growing season, perform general maintenance.

NEW JERSEY: Snowfall during the month of February was beneficial in providing ample soil moisture for farmers. However, it was reported that snowfall, winter winds caused damage to the production facilities of some vegetable and bedding plant producers. Production activities during the month included land clearing, brush removal, plowing, fruit tree pruning and greenhouse work on vegetable, bedding plants. The major marketing activities in February was the packing, shipping of butternut squash, sweetpotatoes. Other activities were equipment repairs, the preparation of housing for seasonal workers.

NEW MEXICO: Precipitation totals remained below normal for the entire State. Ranchers continued to supplementally feed and water their livestock. Farmers in New Mexico were busy preparing land for spring planting. Unseasonably warm temperatures prevailed across the State for the first 3 weeks of the month. Temperatures averaged 8 to 10 degrees above normal with afternoon temperatures reaching into the 80's in the southern part of the State. Plants and trees that were coming out of dormancy due to the warm weather were hit hard by the arctic front that moved through the State the last week of the month. Night-time temperatures dipped down to freezing in the northern half of the State, damaging plants and fruit trees that had started to bud. Virtually the entire apple crop was lost.

NEW YORK: Growers in many areas continued with repairs and accessing damage caused by torrential rains and flooding during January. Extremely cold weather early in the month made outside activities difficult and stressed livestock. Hay supplies were becoming tight. Some producers were forced to buy feed after depleting supplies produced on the operation. Apples, potatoes, onions were being taken out of storage and sent to market. Maple producers were tapping trees and putting tubing in place. Unusually warm temperatures during the second half of the month caused maple sap to flow, enabling a few producers to make syrup. Many conferences, meetings were held during the month.

NORTH CAROLINA: Fields remained too wet for most farm activities as North Carolina continued to suffer from adverse wintry conditions. When farmers were able to get into the field, they applied nitrogen to wheat fields and plowed land in preparation for spring planting. Tobacco plant beds were seeded where possible, especially in greenhouse climates. Pasture and livestock continue to be in fair to good condition, despite many cold February days. Activities: Preparing tobacco plant beds; tending livestock; repairing equipment and general farm maintenance.

NORTH DAKOTA: Snow cover sufficient to protect 89% alfalfa. Cold temperatures during start of calving season stressed newborns. Cattle, sheep conditions remained mostly good. Cattle none very poor, 1% poor, 24% fair, 72% good, 3% excellent. Hay, forage supplies 7% short, 89% adequate, 4% surplus. All cattle, sheep receiving supplemental feeds. Cattle sales 8% below normal, 85% normal, 7% above normal.

OHIO: Some fields of winter wheat are beginning to green up. Some wheat is being topdressed. Near the end of the month, wide temperature swings were reported, with temperatures in some places falling from highs above 70° to below freezing within 24 hours. Both record lows and record highs for the month were set. Most of the major wheat producing region had sufficient protective snow cover during the month; however, the temperature swings and periodic cold snaps have caused some concern in the southern half of the state. The sap in sugar maples was running slowly at the beginning of the month, but the temperature fluctuations at the end of the month should improve the flow of sap. Marketing of tobacco the first week of the month was difficult due to the tobacco being slow coming into case. Limited numbers of reports indicate that prospects for the apple and peach crop are still good. Plowing for spring planting has begun in a few areas. No livestock problems are reported.

OKLAHOMA: Topsoil moisture 57% very short, 40% short, 3% adequate. Subsoil moisture 29% very short, 45% short, 26% adequate. Wheat condition 13% very poor, 35% poor, 41% fair, 11% good. Pasture, range 8% very poor, 35% poor, 45% fair, 12% good. Livestock 1% very poor, 10% poor, 38% fair, 50% good, 1% excellent. Feeder steers and heifers were steady to \$1/cwt higher.

OREGON: Above-average precipitation statewide. Widespread flooding, western sections, mud slides Columbia Gorge, Coastal Range, urban hillsides. Flooding caused deaths of 300-500 dairy cattle Tillamook Co. Willamette Valley nurseries flood damage included: plants covered by heavy mud, container plants washed away, seedlings washed away. Hood River orchard irrigation heavily damaged, vast areas of canals washed away. Oysters, clams killed in ocean bays by excess freshwater, silt. Mid-month below normal temperatures caused freeze damage in raspberries, blackberries, Willamette Valley. Eastern irrigators encouraged, plenty of snowpack. Orchardists pruned, continued winter clean up. Mid-Columbia winter wheat not effected by weather. Livestock condition mostly good. Feeding hay statewide.

PENNSYLVANIA: Major activities for February were hauling manure, fixing fence, caring for livestock and attending farm organization meetings.

SOUTH CAROLINA: Snow, freezing rain, record low temperatures first part of February. Dramatic shift to springtime weather end of month with record high temperatures. Soils warmed up which prompted some fieldwork activity. Peach trees blooming early. Some concern about rainfall deficits, though water supplies remain adequate. Wheat condition good, nitrogen and herbicides applied on schedule. Pastures fair to good. Livestock good. Supplemental feeding continued.

SOUTH DAKOTA: Temperatures fluctuated significantly throughout the month, but generally were above normal. The month started extremely cold with subzero temperatures, but by the end of the first full week some areas in the western part of the State reached 70°. Little snowfall was received until the end of the month when a snowstorm left 5 inches or more of snow over some areas of the State. There is continued concern over the condition of the winter wheat crop. Some producers believe there will be considerable winterkill, but the damage remains uncertain until the crop comes out of dormancy. Winter wheat rated at 2% very poor, 10% poor, 29% fair, 57% good, 2% excellent. Calving and lambing is picking up.

TENNESSEE: Wheat producers were busy fertilizing, have reached approximately 75% complete. Wheat has begun to come out of dormancy with stands better than expected. Livestock producers continued to feed hay. Tobacco producers have begun preparing seed beds and float beds for seeding.

Winter temperatures have thinned peach buds in eastern areas, the level of damage has yet to be determined.

TEXAS: February was characterized by extreme fluctuations in temperatures across the state. The month began with record cold temperatures and a mixture of snow and ice from the Plains into Central Texas. The Rio Grande Valley narrowly escaped the killing freeze. By mid-month, temperatures rose to record high levels with some areas breaking the 100° mark. Rainfall was mostly nil for the month although there were some scattered showers for the last two days of the month. Small grains have suffered and are at near record low conditions. Planting operations have been slow to start in many areas due to the dry conditions. Hay supplies were declined rapidly during February, with the price of supplements going up, large amount of cattle were sold at local auctions.

UTAH: Calving and farm flock lambing were the major farm activities for February. Death loss was light due to ideal calving, lambing conditions. Most county agents reported adequate to excellent pastures. Forage supplies were mostly good with the exception of areas where farmers had to feed due to poor quality pastures. Some ranchers have moved cattle from winter pastures. Farmers from the southern part of the state have started planting spring grains while farmers across the State were preparing for spring activities by purchasing seed and fertilizer, plowing fields, applying fertilizers and manure, and repairing machinery. Fall seeded grains were in good condition.

VIRGINIA: Temperatures began to rise by the end of February, as did producers' hopes that the condition of late planted small-grains would improve. Fields remained frozen, wet, muddy throughout most of the month, did show signs of drying up as well as warming up by the end of February. Stands are thin, tiller development is later than normal, both delayed by earlier cold conditions, nutritional stress on the plants. Late planted small-grains are in dire need of topdressing at this stage of their development. In the eastern half of State, they have topdressed only an estimated 30% of the small grains to date due to the wet, muddy field conditions. Other regions that grow small grains have also experienced delays with topdressing. However, by the end of the month, many more producers could get into their fields. Other types of field activity reported in the southern, eastern areas included potato producers preparing their fields for planting, tobacco growers plowing their fields, fumigating tobacco plant beds, fruit growers pruning their trees. There is concern of hay nearing short supply due to heavy supplemental feeding required this winter. Most cattle are showing signs of stress after the harsh winter, weight gains on calves, yearlings is lower than normal for this time of year. Farmers are looking forward to pasture conditions improving as spring approaches. In fact, some winter growth is visible in pastures as the few 70° plus days in late February helped growth, germination. Farm operators remained busy during February repairing, maintaining buildings, equipment, preparing for tax season.

WASHINGTON: Agricultural producers continued to assess damage from flooding and frigid temperatures. Recent flooding caused considerable damage to farm roads, fences, ditches and buildings. Damaged bridges and roads made access to some areas difficult. Losses to livestock, hay, and pasture land have been widespread. Significant damage to soft fruit occurred due to sub-zero temperatures. Fruit tree pruning techniques were altered because of bud injury incurred during the recent cold weather. The extent of tree damage will not be apparent until budbreak, flower formation. Extremely wet weather halted fieldwork. The winter wheat crop continued to show promise, except in low laying areas where erosion occurred.

WEST VIRGINIA: Topsoil moisture, 53% adequate, 47% surplus. Barley, mostly fair condition. Wheat, 28% poor, 48% fair, 24% good. Cattle, 9% poor, 31% fair, 56% good, 4% excellent. Sheep, 1% poor, 38% fair, 58% good, 3% excellent. Cows calved, 43%. Sheep lambing, 32%. Hay and roughage supplies, 4% very short, 40% short, 54% adequate, 2% surplus. Feed grain supplies, 1% very short, 21% short, 74% adequate, 4% surplus. Farm activities: Feeding and caring for livestock. Repairing and building fences. Equipment repair, bookkeeping and snow removal.

WISCONSIN: As of late February, the frost level was 3.0 inches deeper than normal at 20.6 inches. This was deeper than last year's 20.2 inches. The snow depth was slightly below normal at 8.5 inches. This was considerably deeper than last year's 1.9 inches. Winter chores, planning for coming crops season, and attending conferences were common activities during the month.

WYOMING: Topsoil moisture supplies 75% adequate or better. Subsoil moisture supplies 79% adequate or better. 1996 winter wheat crop 1% poor, 79% fair, 20% good; wind damage 1% none, 21% light, 76% moderate, 2% severe; freeze damage 12% none, 60% light, 28% moderate.

February 1996
MONTHLY DATA FROM SELECTED FOREIGN CITIES
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA
**** = DATA NOT AVAILABLE**

International Weather and Crop Summary
February 25 - March 2, 1996

HIGHLIGHTS

FSU-WESTERN: A significant snow cover protected winter grains from unusually cold weather.

EUROPE: Winter grains remained dormant in most areas.

NORTHWESTERN AFRICA: Rain benefited winter grains in Morocco, Algeria, and Tunisia.

SOUTH AFRICA: Showers maintained adequate to excessive moisture for filling corn and sugarcane.

AUSTRALIA: Rain in the east benefited immature sorghum and cotton, and boosted moisture for pastures and upcoming wheat plantings.

EASTERN ASIA: Seasonable weather prompted winter grain to resume greening across the Yangtze Valley. Winter grains across the North China Plain continued to lose hardiness.

SOUTHEAST ASIA: In the Philippines, a weak tropical depression brought widespread showers to the central Islands, increasing irrigation reserves.

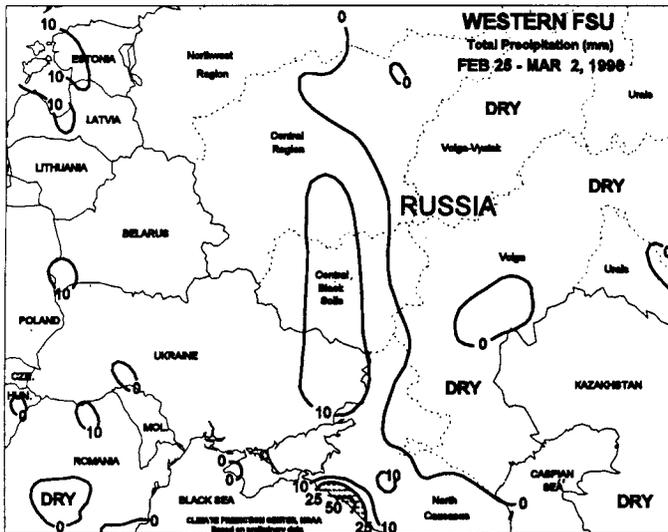
SOUTH AMERICA: In Argentina, rain covered major summer crop areas, benefiting reproductive to filling soybeans. In southern Brazil, showers favored late-planted soybeans in the south, but slowed early harvesting in the north.

COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
		AVG	MIN	MAX	HI	LO	DEPART	F/NRM	
NORWAY	OSLO	-6	-14	3	-24	-10	-3.0	40	-8
SWEDEN	STOCKHOLM	-4	-11	4	-21	-7	-4.5	16	-10
FINLAND	HELSINKI	-7	-13	1	-26	-10	-3.6	25	-6
U KING	GLASGOW	6	0	11	-7	3	-1.0	90	2
	EDINBURGH	6	0	12	-6	3	-0.2	33	-9
	BIRMINGHAM	5	-1	12	-5	2	-1.1	57	8
	LONDON	6	0	12	-7	3	-0.9	63	12
IRELAND	DUBLIN	7	1	10	-3	4	-1.2	60	9
ICELAND	REYKJAVIK	1	-2	7	-10	-1	-0.9	84	12
DENMRK	COPENHAGEN	-1	-5	5	-11	-3	-2.9	18	-21
LUXEMB	LUXEMBOURG	2	-3	12	-10	0	-1.6	65	-3
SWITZL	ZURICH	2	-3	11	-9	-1	-1.6	50	-23
	GENEVA	5	-1	12	-8	2	-0.5	59	-22
FRANCE	PARIS/ORLY	5	1	13	-7	3	***	41	**
	STRASBOURG	4	-2	15	-8	1	-1.0	27	-5
	BOURGES	6	1	15	-8	3	-1.2	74	17
	BORDEAUX	10	3	18	-6	6	-0.6	116	36
	TOULOUSE	9	3	14	-4	6	-1.0	61	10
	MARSEILLE	11	3	15	-2	7	-0.7	15	-40
SPAIN	VALLADOLID	9	1	14	-5	5	-0.7	9	-31
	MADRID	11	1	17	-4	6	-0.2	20	-31
	SEVILLE	16	7	20	2	11	-0.6	35	-29
PORTUG	LISBON	14	8	18	3	11	-1.0	79	-21
GERMNY	HAMBURG	0	-5	11	-14	-2	-3.4	40	-2
	BERLIN	0	-5	11	-16	-2	-3.1	28	-6
	DUSSELDORF	3	-2	13	-14	1	-1.6	68	15
	LEIPZIG	0	-6	12	-17	-3	-2.9	13	-18
	DRESDEN	0	-5	9	-16	-3	-2.0	16	-20
	STUTTGART	3	-4	13	-12	-1	-1.3	17	-30
	NURNBERG	2	-5	12	-14	-2	-2.1	28	-12
AUSTRI	VIENNA	0	-6	7	-17	-3	-3.6	45	15
	INNBRUCK	5	-4	13	-12	0	-0.5	24	-18
CZECH	PRAGUE	-1	-7	7	-17	-4	-3.1	10	-12
POLAND	WARSAW	-3	-9	5	-18	-6	-3.6	14	-7
	LODZ	-2	-8	6	-19	-5	-3.1	23	-8
	KATOWICE	-1	-9	8	-17	-5	-2.8	29	-7
	PRZEMYSL	-3	-8	5	-19	-6	-3.9	32	2
HUNGAR	BUDAPEST	0	-6	7	-13	-3	-3.8	14	-18
F YUGO	BELGRADE	3	-3	11	-8	0	-2.9	64	20
ROMANI	BOCHAREST	1	-6	15	-15	-3	-2.1	45	8
BULGAR	SOFIA	3	-5	13	-14	-1	-2.4	58	22
ITALY	MILAN	8	0	18	-5	4	0.6	26	-36
	VERONA	7	0	13	-6	3	-1.1	61	13
	VENICE	8	0	14	-5	4	-0.9	29	-23
	GENOA	11	5	16	1	8	-1.1	39	-52
	ROME	13	3	16	-2	8	-1.0	95	23
	NAPLES	13	6	18	1	9	0.5	99	2
GREECE	THESSALONIKA	9	3	17	-1	6	-0.6	70	28
	LARISSA	10	3	19	-4	6	-0.4	58	19
	ATHENS	13	8	18	2	11	-0.2	57	24
TURKEY	ISTANBUL	8	3	18	-2	5	-0.1	75	5
	ANKARA	8	-2	14	-13	3	2.3	51	21
CYPRUS	LARNACA	18	8	20	3	13	1.0	42	-19
ESTONI	TALLINN	-7	-12	3	-26	-10	-4.2	26	-3
FSU	ST. PETERSBERG	-8	-14	2	-27	-11	-4.1	22	-8
LITHUA	KALNAS	-5	-11	2	-23	-8	-3.8	26	-1
FSU	MINSK	-6	-11	1	-25	-8	-2.6	44	11
	KAZAN	**	**	-8	-26	**	***	***	**
	MOSCOW	-7	-13	2	-24	-10	-2.2	36	1
	YEKATERINBURG	-8	-14	2	-24	-11	1.3	12	-8
	OMSK	-13	-22	-2	-32	-18	-1.0	20	5
	KUSTANAY	-13	-23	-4	-35	-18	-2.7	8	-5
	NOVOSIBIRSK	-11	-19	-1	-33	-15	2.6	5	-10
	BARNAUL	-10	-21	0	-35	-15	-0.5	22	-2
	KHABAROVSK	-10	-22	-1	-33	-16	1.0	3	-9
	VLADIVOSTOK	-4	-11	7	-22	-8	2.7	0	-19
	KIEV	-4	-10	3	-23	-7	-3.2	45	-2
	LVOV	-4	-10	2	-20	-7	-3.6	70	25
	KIROVOGRAD	-5	-11	3	-22	-8	-2.8	48	17
	ODESSA	-1	-5	6	-14	-3	-2.3	66	25

Based on Preliminary Reports

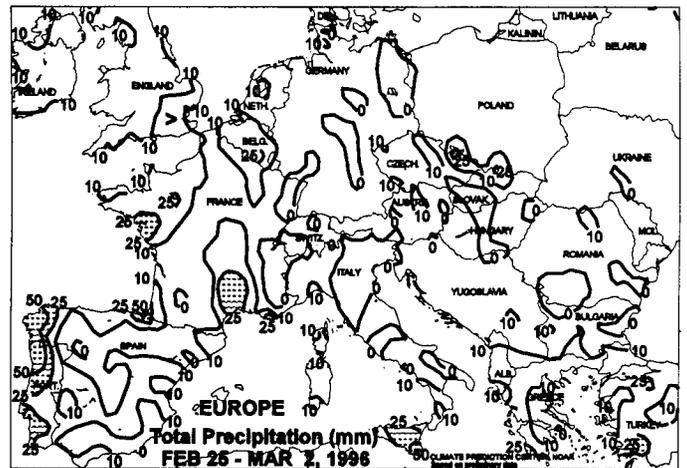
FSU-WESTERN

Unseasonably cold weather was accompanied by light, scattered precipitation over most winter grain areas. Precipitation amounts were less than 10 mm, with dry weather prevailing over the Volga Vyatsk and Volga Valley regions in Russia. Winter grain areas in southern Ukraine and the western portions of the North Caucasus region in Russia were snow free. Elsewhere, snow cover in Ukraine, Russia, Belarus, and the Baltics was adequate to protect winter grains from extreme minimum temperatures that ranged from -15 to -26 degrees C. Typically, snow cover begins retreating northward over Ukraine and southern Russia in March.



EUROPE

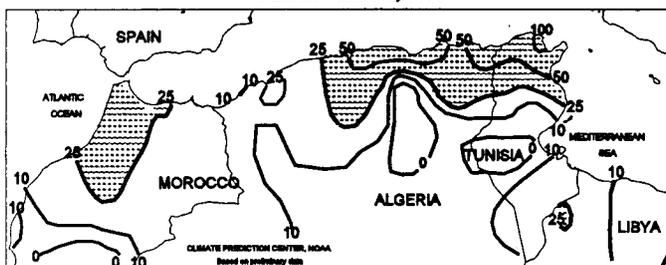
Light precipitation (3-20 mm) covered winter grain and oilseed areas over most of the region, helping to replenish moisture reserves for spring growth. Winter crops in most areas remained dormant, except in southern Spain, Portugal, and southern Italy where crops were in the vegetative stage. Weekly temperatures averaged near normal in northwestern Europe, 1 to 3 degrees C below normal in Spain and Poland, and 4 to 8 degrees C below normal in southeastern Europe. An adequate snow cover in southeastern Europe protected winter crops from the extreme cold.



NORTHWESTERN AFRICA

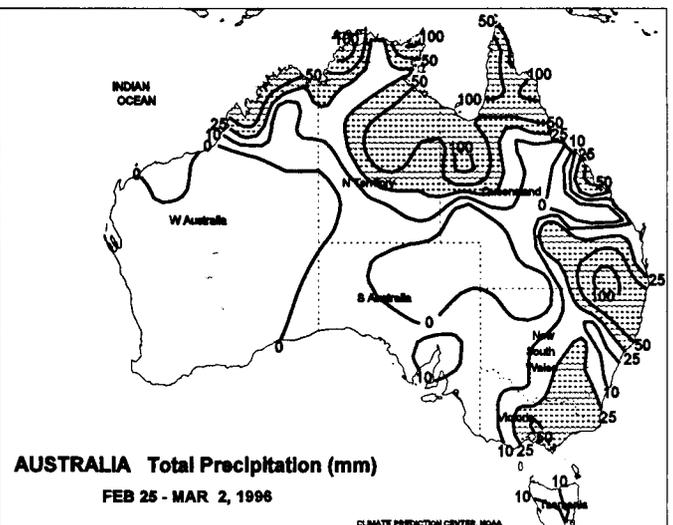
Widespread rain continued to benefit winter grain development in Morocco, Algeria, and Tunisia. Typically, winter grains in most areas are in the vegetative stage, with crops in southern Morocco approaching the heading stage. In Morocco, rainfall ranged from 10 to 25 mm in the south and 25 to 36 mm in the north. In Algeria and Tunisia, precipitation amounts ranged from 10 to 32 mm in western Algeria and 25 to more than 50 mm from central Algeria, and eastward through Tunisia. Weekly temperatures averaged 1 to 5 degrees C below normal over the region, slowing crop growth.

**NORTHWEST AFRICA Total Precipitation (mm)
FEB 25 - MAR 2, 1996**



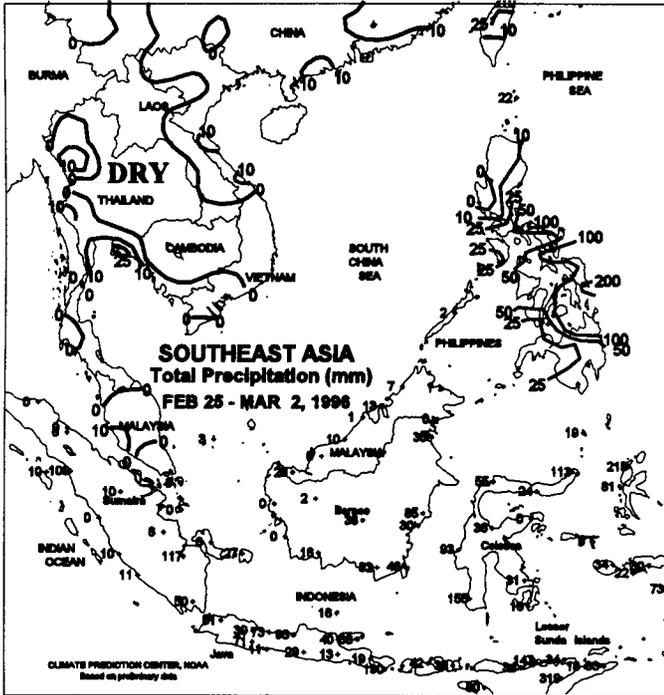
AUSTRALIA

Light to moderate rain (10-25 mm or more, exceeding 50 mm locally) covered much of eastern Australia, including Queensland's primary sorghum and cotton areas. The heaviest rain (40-101 mm) fell from Darling Downs to the New South Wales coast, boosting moisture in the southern sugarcane area. Farther south, moderate showers boosted moisture for pastures, but rainfall was variable (2-21 mm) over those sections of southeastern South Australia and western Victoria that had been trending dry. The rain in the southeast added to subsoil moisture for winter grains, typically planted from May to July. In New Zealand, moderate showers (10-25 mm or more) fell throughout the main pasture lands.



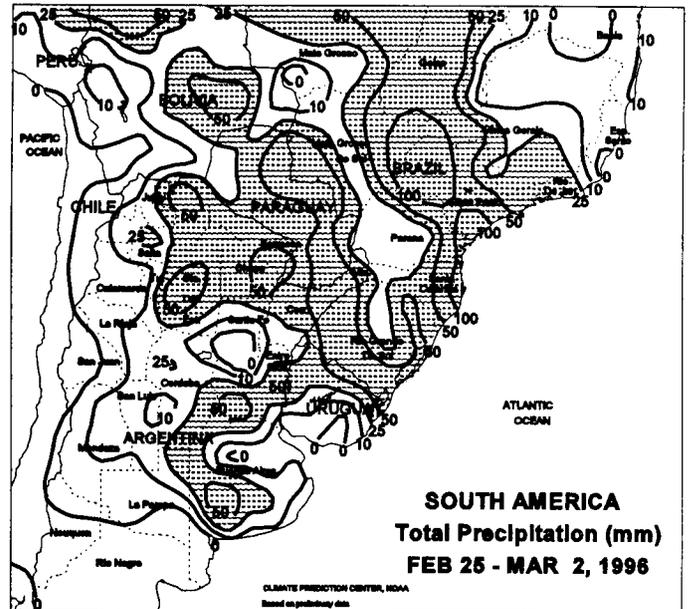
SOUTHEAST ASIA

A weak tropical depression (sustained winds less than 35 knots (40 mph)) crossed the central Philippines on February 29 and March 1, producing widespread rain (40-125 mm, with isolated amounts greater than 150 mm). The rain boosted irrigation supplies for secondary crops, but caused only local flooding. Seasonably dry weather prevailed across Thailand. Across Java, showers (15-65 mm) maintained moisture supplies for main-season rice.



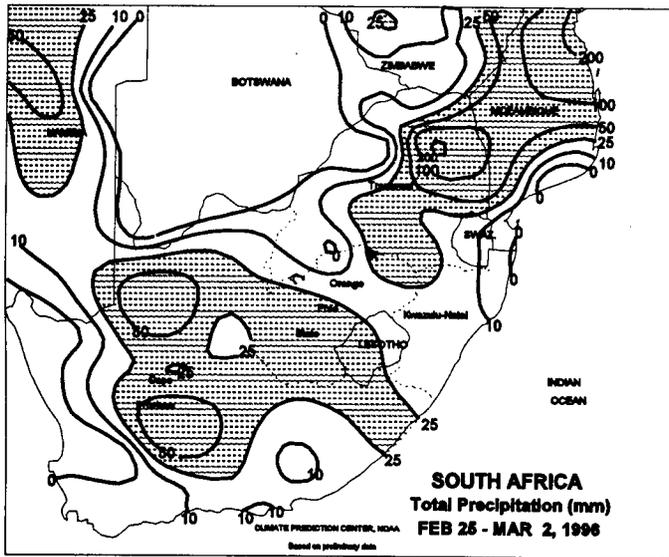
SOUTH AMERICA

In central Argentina, moderate to heavy rain (20-40 mm, with isolated amounts greater than 75 mm) covered southern Santa Fe and northern Buenos Aires, continuing to benefit reproductive to filling soybeans. The rain also benefited double-crop soybeans, which should just be entering reproduction. Moderate rain (10-40 mm, with isolated amounts greater than 100 mm) fell across south-central Buenos Aires, aiding late-filling corn. In northern Argentina and southern Paraguay, moderate rain (20-75 mm) slowed early cotton and soybean harvesting. Drier weather is needed across the region to ensure favorable quality. In southern Brazil, moderate rain (15-30 mm) favored immature soybeans in Rio Grande do Sul and Parana. Farther north across Mato Grosso, Goias, and Sao Paulo, heavier rain (30-75 mm, with isolated amounts greater than 100 mm) slowed early soybean harvesting.



EASTERN ASIA

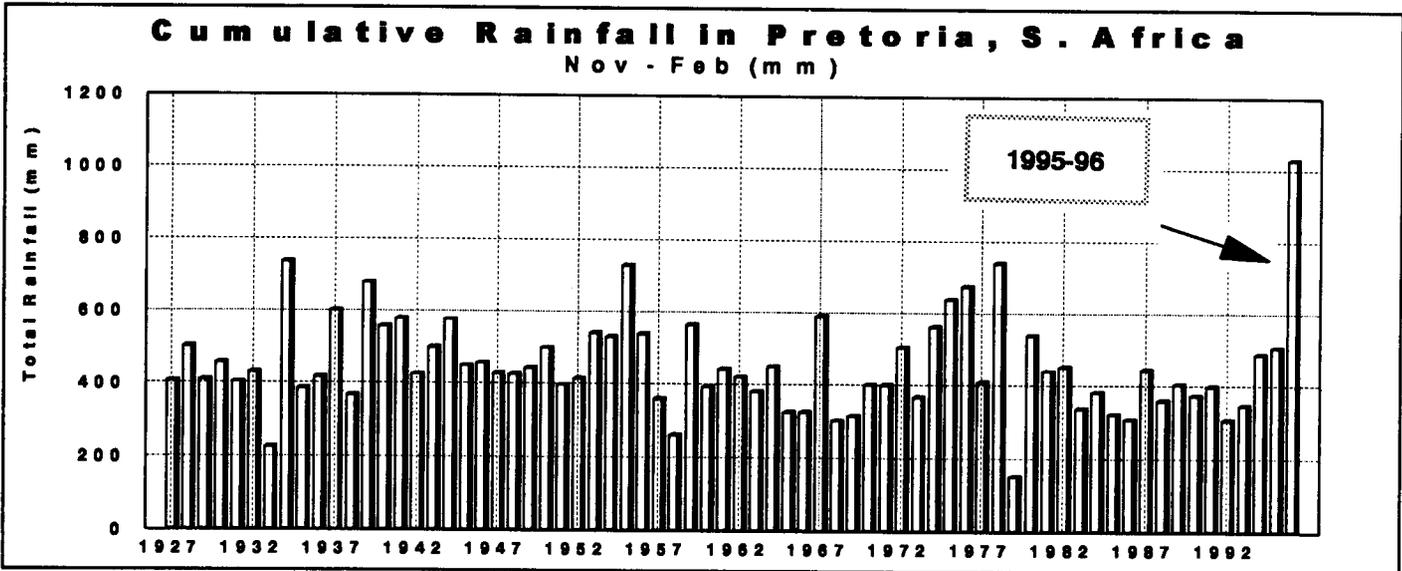
Seasonable weather returned to most of China after a short cold snap engulfed the country last week. Temperatures averaged 1 to 2 degrees C above normal across the North China Plain and the Yangtze Valley. These temperatures prompted winter grains to resume greening across the Yangtze Valley and lose hardiness across the North China Plain. Seasonably dry weather continued across the North China Plain. Light to moderate rain (5-20 mm) covered extreme southeastern China.



SOUTH AFRICA

Light to moderate showers (10-45 mm) swept across the corn belt, maintaining adequate to excessive moisture for filling crops. While keeping sections of the eastern corn belt too wet for normal development, the rain was generally favorable in Orange Free State, which received light rain last week. In Kwazulu-Natal, rainfall totaled less than 25 mm over major sugarcane areas. Temperatures averaged near normal for the week, with highs in the corn belt ranging from the mid 20's C in the east to the lower 30's C in the south and west. In March, seasonal drying and cooling should occur in all major crop areas. Filling corn would benefit from drier, warmer conditions in most of the corn belt to improve quality prospects. Winter wheat planting and corn and sugarcane harvesting typically begin in April.

Record Rainfall Over South Africa



In stark contrast to the drought-stricken 1994-95 summer growing season, South Africa's 1995-96 season has been one of nearly unrelenting rains. With above-normal to record monthly rains starting last November and continuing without respite into early March, this has been one of the century's wettest rainy seasons. Across the corn belt, February 1996 rainfall averaged over 200 mm, making this the wettest February in more than 22 years. With January the second wettest in 14 years and December the wettest in more than 22 years, summer (December-February) rainfall totaled more than 500 mm across the corn region, by far the wettest season in at least 22 years. Conditions were particularly wet in eastern and northern areas, Pretoria having its wettest February (346 mm, based on preliminary data) since 1939, when 349 mm fell. Pretoria has measured its heaviest November-February totals since at least 1926-27 (see figure above), with a phenomenal 1,030 mm, which is nearly 5 standard deviations above the mean. (We plan to publish a crop-weather summary later this month in the Bulletin.)

-- Douglas Le Comte

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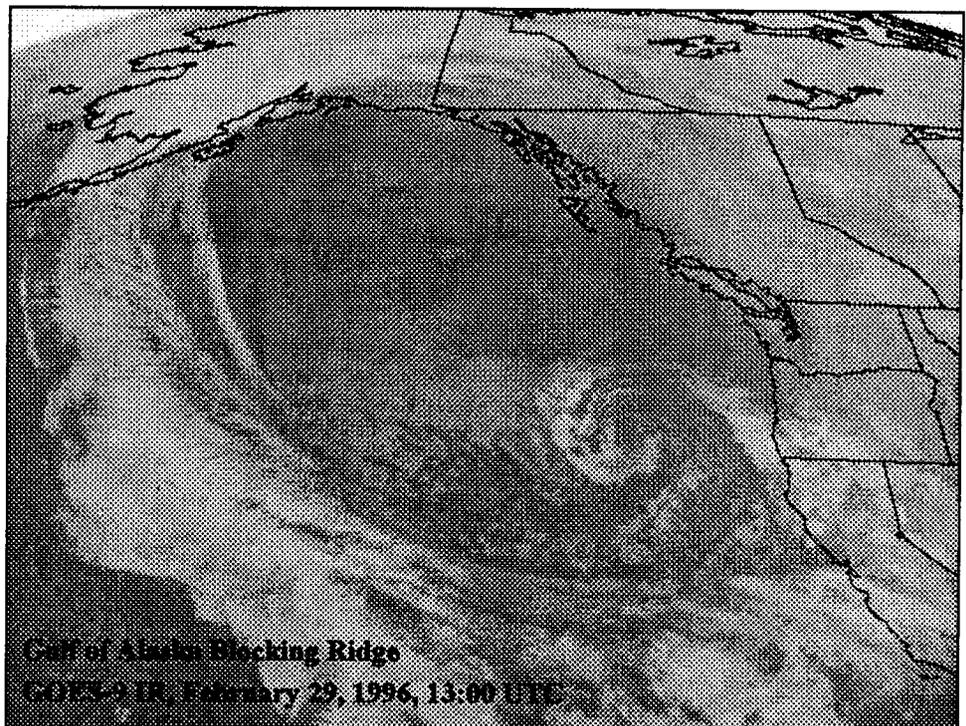
(Continued from page 2)

On February 29, a 0.69-inch rainfall in San Antonio, TX ended a 60-day dry spell, second only to the summer of 1993's 63-day such streak. No precipitation fell farther north, however, ensuring ties for the driest February on record in North Platte, NE (a trace); Wichita Falls, TX (a trace); and Oklahoma City, OK (0.02 inches). Rain reached Florida on March 1, delivering a daily-record total to Daytona Beach (1.28 inches), but not in time to prevent Hollywood's driest February (0.58 inches).

At week's end, a strengthening coastal storm spread snow along the Atlantic Seaboard from Maryland to Maine, while snow squalls developed downwind of the Great Lakes. A 4.6-inch total pushed Central Park's seasonal total to 66.3 inches, bettering their 1947-48 record. Snowfall added to seasonal records in many other locations, including Providence, RI (7.1 inches); Windsor Locks, CT (4.7 inches); and Baltimore (BWI), MD (3.5 inches). In Sault Sainte Marie, MI, 2.8 inches of snow fell on March 1-2, boosting their seasonal total above 200 inches for the first time on record.

An anomalous upper-level ridge encompassed Alaska, producing weekly temperature departures of +20 to +28°F in the interior and forcing a plume of moisture

across the western and central parts of the State. On Wednesday, McGrath logged a daily-record high of 47°F. Three days later, records for March 2 included highs of 50°F at Yakutat and Kodiak. Cold Bay received a single-day, February-record rainfall of 2.75 inches on Tuesday, well above their normal monthly total of 2.27 inches. Very heavy rain also struck Hawaii, where weekly totals included 8.41 inches in Hilo and 3.16 inches in Lihue.



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