

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

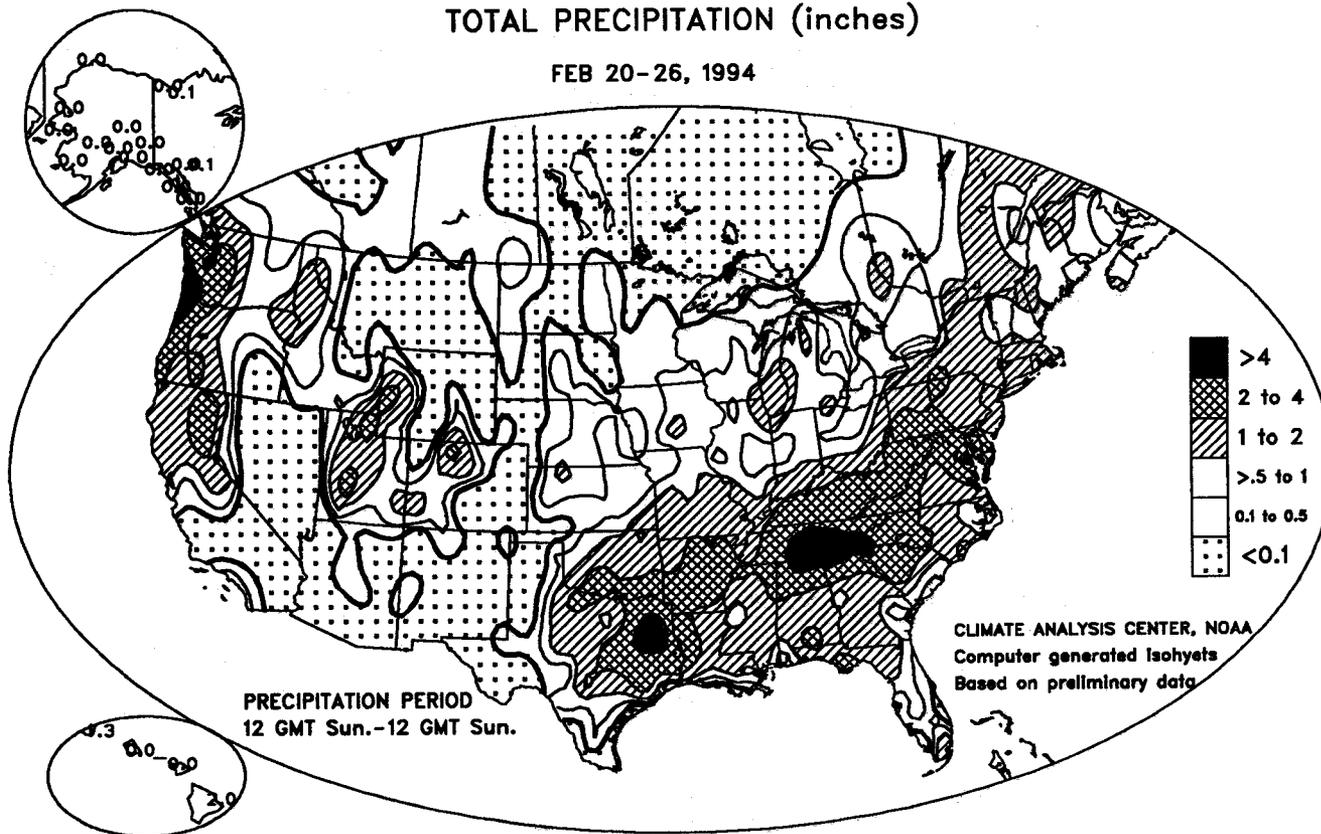
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Washington, D.C.

March 1, 1994

TOTAL PRECIPITATION (inches)

FEB 20-26, 1994



HIGHLIGHTS

February 20 - 26, 1994

A procession of storm systems delivered unsettled, cold weather to most of the Nation. Positive impacts included beneficial precipitation in the Pacific Northwest and the central and southern Plains. However, unwelcomed snow re-buried areas from the western Corn Belt to the Northeast, while heavy rain again struck the Tennessee and Ohio Valleys. Early in the week, a vestige of last week's warmth lingered along the East coast, while storminess surged into the West. On Sunday, despite starting the day with a 40-inch snow cover, Caribou, ME attained its highest winter temperature on record (59°F). Raleigh, NC registered 74°F. Meanwhile, a cold front generated rain from the Ohio Valley to eastern Texas, with totals in excess of 1 inch at locations such as Nashville, TN, and Lufkin, TX. Farther west, cold air poured southward into the Plains, while moisture overspread the

(Continued to p. 8)

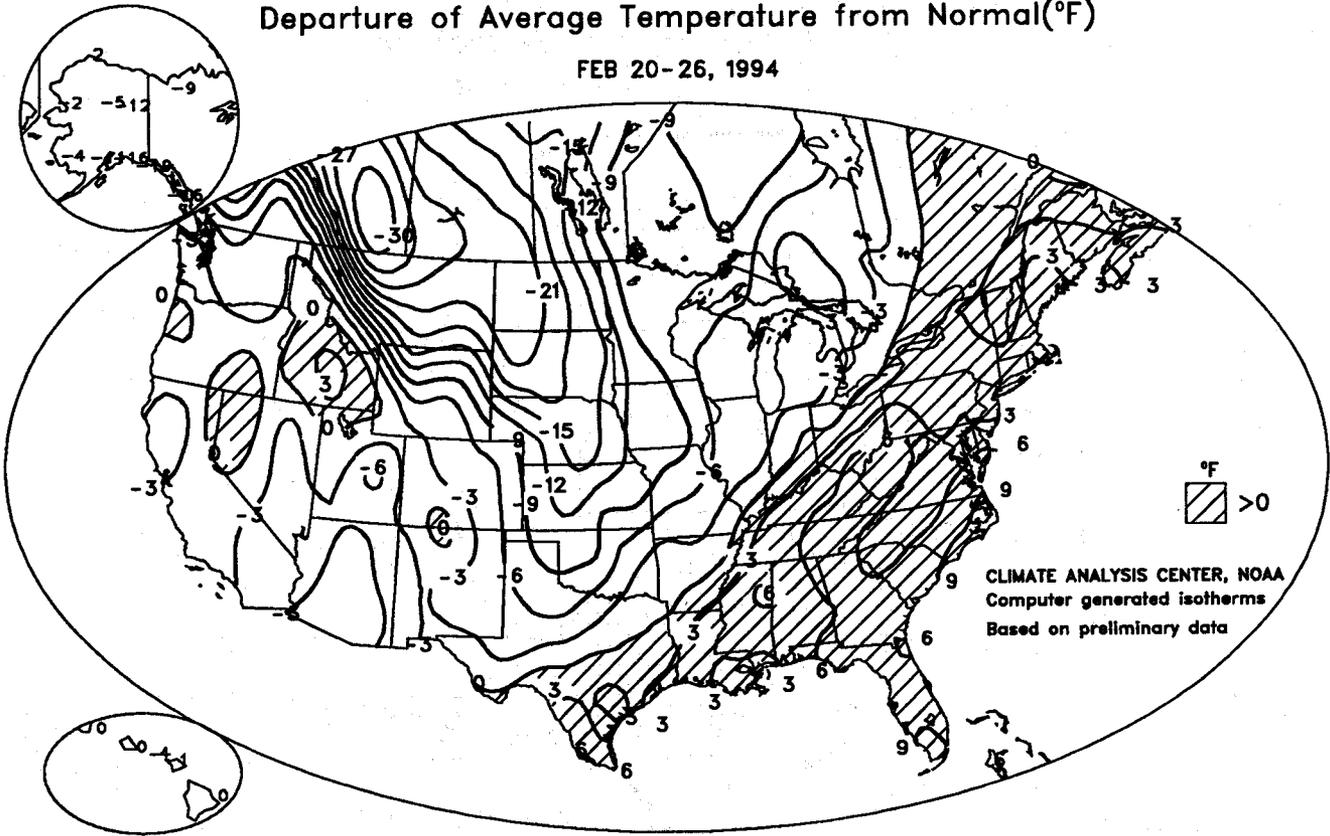
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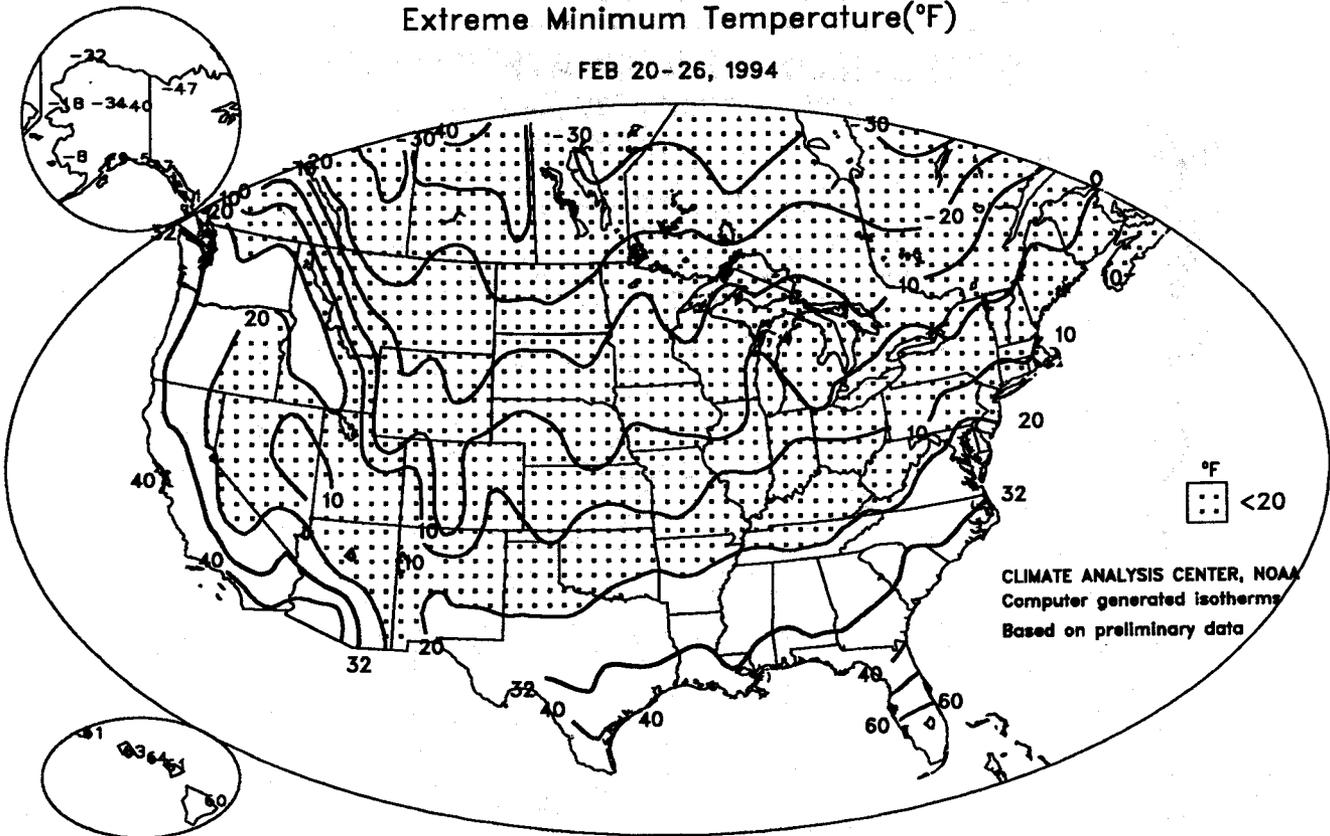
Departure of Average Temperature from Normal(°F)

FEB 20-26, 1994



Extreme Minimum Temperature(°F)

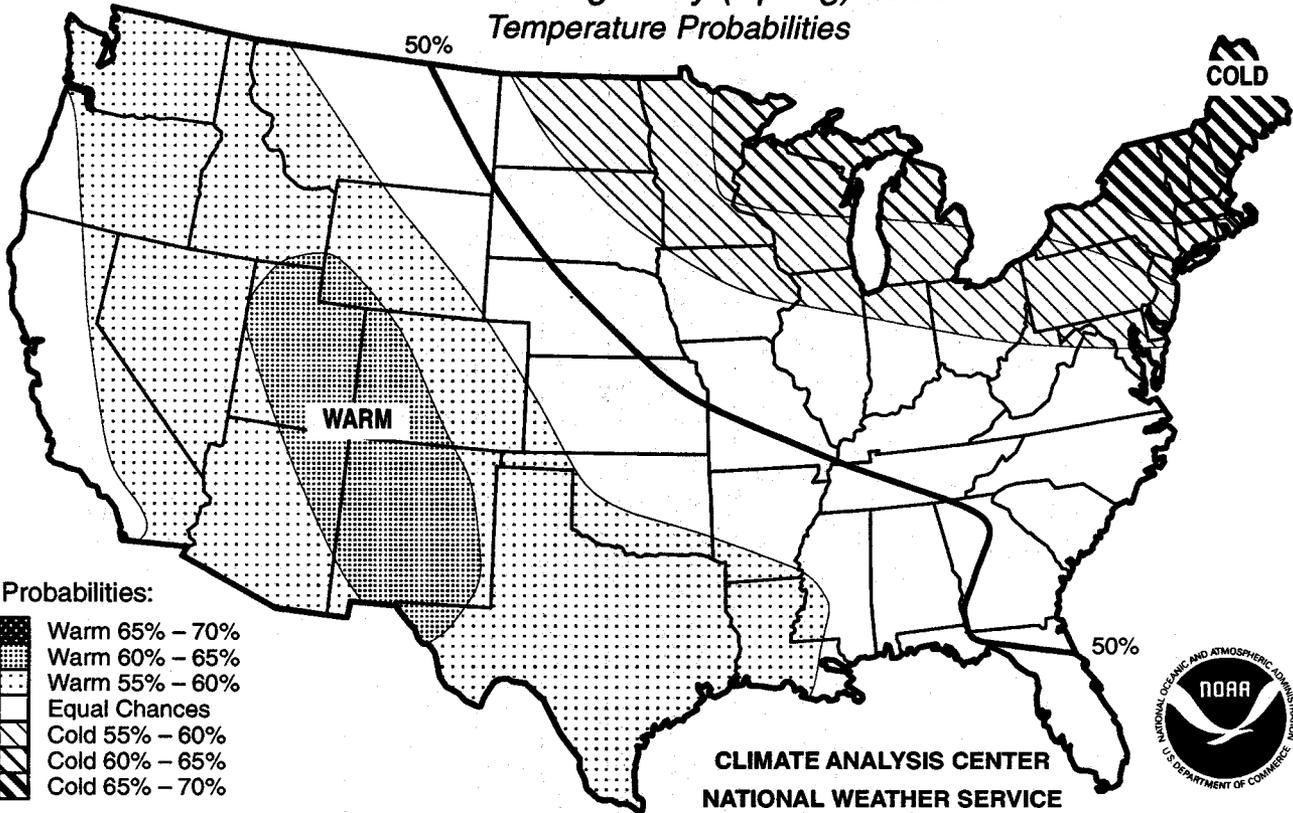
FEB 20-26, 1994



THREE-MONTHLY WEATHER OUTLOOK

March through May (Spring) 1994

Temperature Probabilities



- Probabilities:
- Warm 65% - 70%
 - ▒ Warm 60% - 65%
 - ░ Warm 55% - 60%
 - Equal Chances
 - ▤ Cold 55% - 60%
 - ▥ Cold 60% - 65%
 - ▧ Cold 65% - 70%

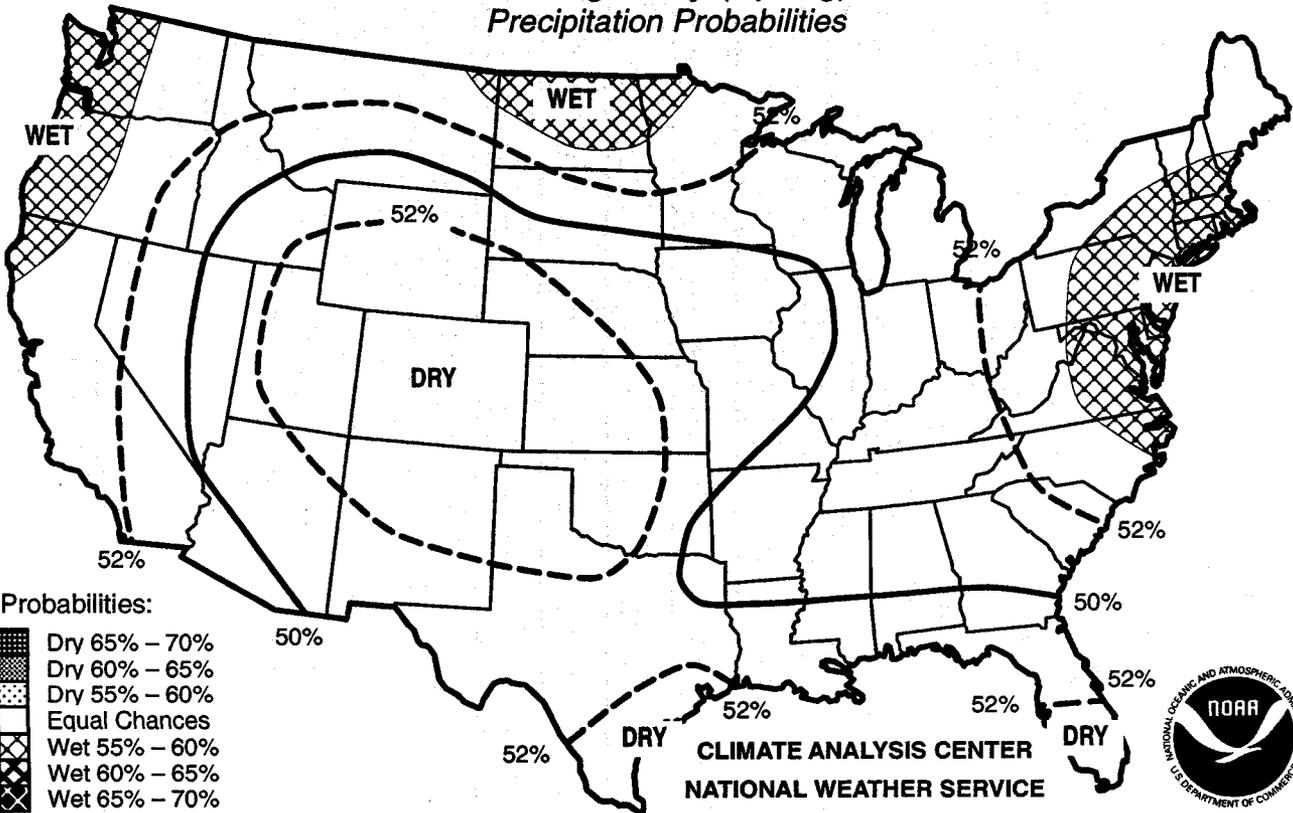
CLIMATE ANALYSIS CENTER
NATIONAL WEATHER SERVICE



THREE-MONTHLY WEATHER OUTLOOK

March through May (Spring) 1994

Precipitation Probabilities



- Probabilities:
- Dry 65% - 70%
 - ▒ Dry 60% - 65%
 - ░ Dry 55% - 60%
 - Equal Chances
 - ▤ Wet 55% - 60%
 - ▥ Wet 60% - 65%
 - ▧ Wet 65% - 70%

CLIMATE ANALYSIS CENTER
NATIONAL WEATHER SERVICE



National Weather Data for Selected Cities

Weather Data for the Week Ending February 26, 1994

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 Dec 1	PCT. NORMAL SINCE Dec 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE	MAXIMUM	MINIMUM	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP.	
																				.01 INCH OR MORE	.50 INCH OR MORE	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	63	42	71	28	52	5	2.1	-.9	1.3	13.9	95	9.9	105	87	50	0	0	0	3	3	2	0	
MOBILE	69	48	77	37	59	4	.2	-1.3	.2	11.6	77	7.9	81	94	50	0	0	0	1	2	1	0	
MONTGOMERY	67	46	76	28	57	7	1.0	-.4	1.0	14.8	98	10.1	102	91	53	0	0	0	1	1	0	1	
AK ANCHORAGE	18	-23	23	-7	57	12	.0	-.2	.0	1.1	43	.8	54	61	36	0	0	0	7	0	0	0	
BARROW	4	-31	10	-32	16	8	.0	-.0	.0	.2	54	.1	32	75	68	0	0	0	7	0	0	0	
FAIRBANKS	4	-31	10	-34	14	9	.0	-.1	.0	1.2	71	.8	89	72	36	0	0	0	7	0	0	0	
JUNEAU	14	4	19	0	0	9	.0	-.9	.0	14.0	112	8.1	100	49	33	0	0	0	7	0	0	0	
KODIAK	31	22	37	14	27	4	.7	-.5	.5	26.1	136	15.3	124	74	54	0	0	0	7	0	0	0	
NOME	18	4	23	-5	11	7	.0	-.1	.0	3.2	143	1.3	94	52	33	0	0	0	7	0	0	0	
AZ PHOENIX	71	46	79	42	58	0	.0	-.2	.0	.7	31	.7	32	46	15	0	0	0	0	0	0	0	
FRESNOCO	54	25	65	19	40	1	.0	-.4	.0	1.7	38	1.3	43	72	25	0	0	0	6	0	0	0	
TUCSON	70	38	79	33	54	1	.0	-.2	.0	1.1	42	.9	62	49	14	0	0	0	0	0	0	0	
YUMA	73	48	80	45	61	1	.0	-.1	.0	.3	26	.3	47	42	15	0	0	0	0	0	0	0	
AR FORT SMITH	54	34	70	20	44	0	1.5	-.7	1.1	9.6	131	6.7	156	85	55	0	0	0	4	4	3	1	
LITTLE ROCK	55	35	64	19	45	1	2.3	1.3	1.9	12.9	117	8.5	135	86	55	0	0	0	4	4	3	1	
CA BAKERSFIELD	64	42	75	39	53	2	.0	-.3	.0	2.3	93	1.7	91	67	20	0	0	0	0	0	0	0	
BUREKA	55	43	57	38	49	1	1.1	-.1	.3	19.3	117	12.2	117	87	65	0	0	0	0	4	0	0	
FRESNO	63	39	72	34	51	1	.4	-.1	.4	4.2	83	3.1	87	93	20	0	0	0	1	1	0	0	
LOS ANGELES	65	49	73	44	57	1	1.2	-.6	1.2	5.7	89	4.7	99	79	20	0	0	0	0	0	1	1	
REDDING	55	37	64	29	46	2	.9	-.2	.4	12.7	81	9.5	93	95	56	0	0	0	1	3	0	0	
SACRAMENTO	60	40	66	34	50	2	.2	-.5	.1	4.9	55	3.2	50	97	56	0	0	0	0	2	0	0	
SAN DIEGO	64	49	69	46	56	3	.3	-.1	.3	4.2	88	3.5	107	80	31	0	0	0	0	1	0	0	
SAN FRANCISCO	57	44	62	41	50	3	.5	-.2	.3	9.9	95	7.7	106	93	56	0	0	0	0	3	0	0	
CO DENVER	43	17	61	8	30	5	.2	-.0	.2	1.5	89	1.1	105	80	37	0	0	0	7	2	0	0	
GRAND JUNCTION	48	26	62	20	37	2	.1	-.1	.1	1.3	76	.7	71	84	38	0	0	0	6	2	0	0	
PUEBLO	46	14	65	7	30	7	.0	-.1	.0	.5	47	.5	81	88	38	0	0	0	7	1	0	0	
CT BRIDGEPORT	39	28	53	18	34	1	1.1	-.3	.4	12.8	135	8.3	138	87	52	0	0	0	5	5	0	0	
HARTFORD	38	25	61	10	32	2	1.4	-.6	.4	13.3	129	9.2	143	91	54	0	0	0	5	4	0	0	
DC WASHINGTON	51	34	68	22	43	3	1.9	1.2	1.3	12.9	154	8.5	162	90	44	0	0	0	3	3	1	1	
FL APALACHICOLA	70	53	74	43	62	6	1.3	-.3	1.2	11.7	102	9.0	121	100	63	0	0	0	0	3	1	0	
DAYTONA BEACH	76	58	85	50	67	7	.2	-.6	.2	10.1	123	8.2	146	100	63	0	0	0	0	2	0	0	
JACKSONVILLE	75	53	83	39	64	6	.6	-.4	.5	9.4	97	7.5	111	95	51	0	0	0	0	3	1	0	
KEY WEST	83	74	84	72	78	7	.7	-.4	.7	6.2	108	4.0	108	99	68	0	0	0	0	0	0	0	
MIAMI	84	71	89	68	78	8	.2	-.3	.1	9.5	164	9.0	229	90	55	0	0	0	0	3	0	0	
ORLANDO	79	61	84	54	70	7	.3	-.5	.3	8.4	115	7.6	149	95	58	0	0	0	0	1	0	0	
TALLAHASSEE	75	49	82	33	62	7	1.2	-.3	1.2	13.7	92	10.7	108	95	47	0	0	0	0	3	1	0	
TAMPA	79	61	84	53	70	8	.3	-.5	.3	5.4	78	4.1	86	94	56	0	0	0	0	2	0	0	
WEST PALM BEACH	82	68	85	65	75	7	.5	-.3	.3	9.9	133	9.1	175	98	61	0	0	0	0	2	0	0	
GA ATLANTA	64	46	72	32	55	8	.9	-.4	.8	11.4	85	8.9	97	91	57	0	0	0	1	3	1	0	
AUGUSTA	71	44	78	29	57	8	2.6	1.5	2.1	10.9	96	8.2	102	94	45	0	0	0	1	3	1	0	
MACON	69	45	77	29	57	6	1.7	-.5	1.7	11.1	84	8.3	93	93	48	0	0	0	1	1	1	1	
SAVANNAH	73	50	82	35	62	8	.4	-.4	.4	7.6	80	5.5	83	93	44	0	0	0	0	1	0	0	
HI HILO	80	64	81	60	72	0	2.0	-.8	.8	51.7	165	35.6	184	94	73	0	0	0	0	5	1	0	
HONOLULU	81	67	82	63	74	1	.0	-.5	.0	7.7	82	7.4	132	86	65	0	0	0	0	0	0	0	
KAHULUI	82	65	85	61	74	2	.0	-.7	.0	2.9	28	2.3	34	86	58	0	0	0	0	0	0	0	
LIHUE	79	66	82	61	72	0	1.3	-.5	1.3	13.2	94	10.5	116	85	64	0	0	0	0	1	1	0	
ID BOISE	47	32	58	21	40	1	.2	-.1	.1	3.2	83	2.2	89	84	54	0	0	0	4	4	0	0	
LEWISTON	44	29	53	26	37	4	.4	-.2	.2	2.1	63	1.3	62	84	51	0	0	0	6	4	0	0	
POCATELLO	41	27	56	19	34	3	.5	-.3	.2	2.5	83	1.8	95	87	55	0	0	0	7	7	0	0	
IL CHICAGO	32	17	57	2	25	4	1.4	1.0	.6	5.6	106	4.6	165	89	60	0	0	0	6	5	1	1	
MOLINE	31	15	52	-4	23	5	1.4	1.1	-.7	4.9	100	3.7	141	91	64	0	0	0	7	4	3	1	
PEORIA	34	17	58	2	26	4	.8	-.4	.3	4.1	77	2.9	102	92	68	0	0	0	7	5	0	0	
QUINCY	33	18	54	7	25	2	.2	-.3	.1	1.5	29	.6	21	87	67	0	0	0	7	2	0	0	
ROCKFORD	30	14	49	-5	22	4	1.3	-.9	.5	5.2	118	3.9	169	94	67	0	0	0	7	4	1	1	
SPRINGFIELD	36	21	60	8	28	3	.8	-.3	.4	3.2	54	2.1	67	91	71	0	0	0	6	5	0	0	
IN EVANSVILLE	48	31	67	18	39	0	1.9	-.9	.9	8.2	83	5.5	90	89	64	0	0	0	4	3	2	2	
FORT WAYNE	36	22	59	7	29	1	.6	-.0	.3	5.0	77	3.5	98	82	71	0	0	0	6	5	0	0	
INDIANAPOLIS	39	25	61	12	32	0	.6	-.1	.2	6.0	76	3.9	84	89	69	0	0	0	5	5	0	0	
SOUTH BEND	33	19	59	5	26	3	1.0	-.5	.3	5.4	75	3.9	99	92	71	0	0	0	6	6	0	0	
IA DES MOINES	26	11	36	1	18	10	1.3	1.0	.9	3.8	116	2.9	156	89	65	0	0	0	7	3	1	1	
SIQUR CITY	22	6	30	-3	14	12	.5	-.3	.3	2.3	118	1.7	149	84	62	0	0	0	7	4	0	0	
WATERLOO	24	8	33	-7	16	7	.6	-.3	.3	2.9	94	2.1	121	90	63	0	0	0	7	3	0	0	
KS CONCORDIA	29	12	37	2	21	13	.2	-.1	.2	1.9	94	.8	67	87	66	0	0	0	7	1	0	0	
DODGE CITY	36	14	55	7	25	12	.5	-.3	.4	1.9	109	.8	80	92	57	0	0	0	7	2	0	0	
GOODLAND	35	12	61	2	24	10	.1	-.1	.1	.4	38	.4	58	90	56	0	0	0	7	1	0	0	
TOPEKA	32	16	40	7	24	11	.1	-.1	.2	1.6	48	.7	36	89	64	0	0	0	7	2	0	0	
WICHITA	40	19	50	13	30	9	.2	-.2	.2	.5	17	.2	10	88	61	0	0	0	7	2	0	0	
KY BOWLING GREEN	55	35	64	16	45	5	3.0	1.9	1.9	18.0	143	11.8	155	94	57	0	0	0	3	3	2	2	
LEXINGTON	51	31	66	14	41	4	1.9	1.0	1.4	12.0	123	8.7	150	91	58	0	0	0	3	4	1	1	
LOUISVILLE	50	33	64	17	41	3	1.8	-.9	1.5	9.6	101	7.0	119	88	53	0	0	0	3	3	1	1	
LA BATON ROUGE	68	47	76	31	58	3	.6	-.8	.6	12.9	82	9.6	95	96	49	0	0	0	1	1	1	1	
LAKE CHARLES	68	50	77	34	59	4	.5	-.3	.3	7.8	60	5.3	67	95	59	0	0	0	0	2	0	0	
NEW ORLEANS	70	49	79	32	59	3	.1	-.4	.1	6.7	41	3.8	36										

Weather Data for the Week Ending February 26, 1994

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	MINIMUM	TEMP. °F		PRECIP.
													90 AND ABOVE					32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
ME CARIBOU	26	11	59	-2	19	4	1.0	.5	1.0	9.1	122	5.1	121	77	52	0	6	2	1	
PORTLAND	37	21	61	6	29	4	1.6	1.3	1.5	12.1	108	6.7	100	78	47	0	5	0	0	
MD BALTIMORE	49	31	66	21	40	3	1.9	1.0	1.2	13.2	141	8.7	146	90	45	0	4	3	1	
SALISBURY	55	34	71	25	45	1	1.2	0.0	1.1	13.4	127	8.6	127	92	56	0	2	3	2	
MA BOSTON	40	27	62	13	34	1	1.2	0.3	0.6	14.8	135	8.2	118	89	53	0	5	4	1	
CRASHAM	40	29	49	17	34	2	1.2	0.2	0.4	17.0	142	9.3	125	94	62	0	5	4	0	
MI ALPENA	23	8	48	-8	15	1	0.7	0.4	0.4	3.4	69	3.0	105	88	64	0	7	3	0	
DETROIT	33	21	59	0	27	1	0.9	0.4	0.4	4.9	80	4.2	124	85	58	0	6	5	0	
FLINT	28	15	57	-4	21	1	0.5	0.1	0.2	3.3	70	2.8	109	90	63	0	6	5	0	
GRAND RAPIDS	28	15	53	-8	21	1	0.5	0.8	0.7	5.7	94	4.2	134	92	67	0	6	4	0	
HOGHTON LAKE	25	9	49	-8	17	1	1.1	0.4	0.2	4.3	96	3.6	139	88	64	0	7	5	1	
LANSING	29	12	56	-17	20	0	1.4	0.2	0.2	3.8	82	3.1	119	95	63	0	6	4	0	
MARQUETTE	16	4	37	-11	10	1	1.3	0.2	0.2	3.5	54	2.2	57	85	55	0	7	3	0	
MUSKOGON	28	14	55	0	21	0	1.3	0.9	0.7	6.4	94	5.3	142	90	66	0	6	4	1	
SAULZ ST. MARIE	20	5	44	-6	12	0	0.5	0.1	0.4	5.7	82	3.1	78	85	54	0	7	3	0	
MN ALEXANDRIA	15	1	20	-4	8	0	1.1	0.1	0.1	1.7	74	1.0	63	85	60	0	7	1	0	
DULUTH	14	-2	22	-14	6	0	1.1	0.0	0.0	3.6	113	2.3	120	78	47	0	7	2	0	
INT'L FALLS	15	-2	21	-12	7	0	1.1	0.0	0.0	1.3	54	0.8	55	68	40	0	7	0	0	
MINNEAPOLIS	22	8	27	-4	15	1	0.4	0.4	0.4	2.5	89	2.0	112	80	53	0	7	4	0	
ROCHESTER	21	6	28	-8	14	0	0.3	0.3	0.3	2.6	66	1.9	133	85	66	0	7	4	0	
MS GREENWOOD	63	43	77	28	53	4	0.6	0.6	0.3	9.9	66	6.3	76	89	50	0	3	2	1	
JACKSON	62	44	71	30	53	4	0.6	0.7	0.5	16.9	104	14.0	141	89	58	0	3	2	1	
MERIDIAN	66	45	74	29	55	4	1.0	0.5	0.8	18.0	111	14.7	145	94	54	0	2	3	1	
MO CAPE GIRARDEAU	48	30	65	16	39	0	2.4	1.4	1.3	10.2	98	7.4	125	91	65	0	4	3	2	
COLUMBIA	35	20	53	7	27	0	1.2	0.7	1.0	4.3	75	2.8	89	96	77	0	6	3	1	
KANSAS CITY	31	16	41	3	23	-11	0.4	0.0	0.3	2.7	73	1.6	94	89	68	0	7	2	0	
SAINT LOUIS	40	25	61	14	32	-4	1.0	0.4	0.8	5.0	74	3.5	94	90	64	0	4	3	1	
SPRINGFIELD	44	24	65	11	34	-4	1.3	0.7	1.2	5.2	85	3.6	104	92	62	0	4	3	1	
MT BILLINGS	23	0	40	-10	12	-19	0.1	-1.1	0.1	0.8	36	1.1	41	83	55	0	7	3	0	
GLASGOW	5	-9	15	-16	-2	-23	0.2	-2.2	0.2	1.2	123	1.1	175	82	62	0	7	3	0	
CREAT FALLS	16	-6	39	-21	5	-25	0.2	-1.1	0.1	1.3	59	1.0	72	81	60	0	7	4	0	
HAVRE	4	-11	11	-26	-4	-28	0.1	-1.1	0.1	0.9	0	0	85	85	62	0	7	0	0	
HELENA	25	1	45	-9	13	-15	0.2	-1.1	0.1	0.7	45	0.6	58	82	53	0	7	3	0	
KALISPELL	27	12	38	1	20	-9	0.4	-1.1	0.2	3.5	83	2.0	77	88	58	0	7	3	0	
MILES CITY	17	-3	30	-13	7	-19	0.2	-1.1	0.1	1.0	65	0.9	97	82	65	0	7	0	0	
MISSOULA	36	20	45	9	28	-4	0.7	0.0	0.1	1.2	37	0.8	98	85	54	0	7	4	0	
NE GRAND ISLAND	21	4	28	-5	12	-18	0.8	0.5	0.4	2.0	109	1.6	140	90	71	0	7	4	0	
LINCOLN	25	8	33	-4	16	-13	0.3	0.1	0.3	1.2	59	0.8	68	91	63	0	7	2	1	
NORFOLK	22	5	32	-6	14	-14	0.7	0.4	0.6	2.1	106	1.6	136	85	64	0	7	4	0	
NORTE PLATTE	28	11	48	5	20	-11	0.3	0.1	0.2	1.1	87	0.8	111	82	62	0	7	2	0	
OMAHA	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SCOTTSBLUFF	35	11	53	1	23	-9	0.4	0.2	0.3	1.9	130	1.3	149	92	49	0	7	3	0	
VALENTINE	19	3	28	-6	11	-19	0.3	-1.1	0.2	1.1	77	0.6	67	79	57	0	7	3	0	
NV ELY	41	11	51	-2	26	-5	0.1	-1.1	0.1	1.7	80	1.5	112	88	43	0	7	0	0	
LAS VEGAS	62	37	73	32	49	-4	0.1	-1.1	0.1	0.7	58	0.5	58	49	19	0	1	0	0	
RENO	52	30	64	23	41	2	0.1	-1.1	0.1	0.9	29	0.7	34	74	33	0	6	1	0	
WIMMERUCCA	48	29	64	22	38	0	0.2	0.0	0.1	1.5	67	1.2	87	82	45	0	5	3	0	
NE COMCROD	36	18	60	6	27	3	0.4	-0.3	0.3	7.6	95	4.3	88	89	46	0	7	2	0	
NJ ATLANTIC CITY	51	31	67	20	41	6	1.6	0.8	1.2	11.7	122	7.5	120	91	43	0	5	3	1	
NM ALBUQUERQUE	55	26	66	18	41	-1	0.1	-1.1	0.1	0.3	19	0.2	27	56	18	0	7	0	0	
CLOVIS	54	23	68	17	39	-4	0.1	-1.1	0.1	0.5	37	0.4	4	75	24	0	7	0	0	
ROSWELL	59	27	73	19	43	-4	0.0	-1.1	0.0	0.1	10	0	3	77	31	0	6	0	0	
NY ALBANY	34	21	56	7	28	2	1.1	0.5	0.5	8.1	109	5.0	112	84	55	0	5	3	0	
BINGHAMTON	32	20	55	3	26	1	0.7	0.0	0.3	8.2	109	4.9	108	90	66	0	6	5	0	
BUFFALO	36	21	63	7	28	2	0.6	0.0	0.3	7.9	93	4.3	89	84	60	0	6	5	0	
NEW YORK	43	31	61	17	37	2	0.9	0.2	0.4	12.0	132	7.6	134	86	51	0	4	4	0	
ROCHESTER	35	21	62	8	28	2	0.9	0.3	0.4	5.9	88	4.3	107	90	60	0	6	5	0	
SYRACUSE	32	21	58	6	27	1	1.1	0.5	0.6	8.4	112	5.2	120	91	63	0	5	6	1	
NC ASHEVILLE	56	36	62	23	46	4	3.4	2.2	2.3	14.0	113	10.5	131	88	55	0	3	3	2	
CHARLOTTE	61	41	72	31	51	7	1.6	0.6	1.3	9.4	88	6.1	84	85	46	0	2	4	1	
GREENSBORO	56	36	71	24	46	4	1.0	0.2	1.0	9.2	96	6.0	96	85	50	0	2	2	1	
BATTERAS	67	47	73	37	57	10	1.9	0.9	0.8	14.6	107	10.5	115	90	60	0	0	4	2	
NEW BERN	68	43	75	33	55	8	0.8	-0.2	0.8	9.3	78	7.7	94	90	47	0	0	2	1	
RALEIGH	61	39	74	27	50	6	1.2	0.3	0.7	10.3	101	6.5	94	90	45	0	2	2	2	
WILMINGTON	68	46	75	34	57	10	2.2	1.2	1.5	12.9	101	10.3	117	94	48	0	0	3	2	
ND BISMARCK	5	-9	10	-22	-2	-21	0.2	-1.1	-1.1	1.9	139	1.0	120	86	67	0	7	3	0	
FARGO	13	-4	19	-15	5	-11	0.3	-0.2	0.3	2.3	132	1.3	119	77	59	0	7	2	0	
GRAND FORKS	9	-11	16	-18	-1	-15	0.3	-1.1	-0.2	1.7	96	1.3	110	84	61	0	7	2	0	
WILLSTON	5	-12	11	-26	-4	-23	0.5	-0.4	0.3	2.2	145	1.8	196	81	66	0	7	4	1	
OH AKRON-CANTON	38	24	59	5	31	2	0.9	0.3	0.6	7.8	109	5.1	120	92	68	0	6	5	1	
CINCINNATI	46	30	63	15	38	4	0.9	-0.1	0.5	7.4	91	4.9	98	89	65	0	3	5	1	
CLEVELAND	40	23	60	0	32	2	0.4	-0.2	0.2	5.5	77	3.3	81	87	65	0	6	6	0	
COLUMBUS	43	27	64	10	35	5	0.9	0.3	0.3	7.5	108	5.4	134	90	64	0	4	6	0	
DAYTON	40	25	59	11	33	1	0.4	-0.2	-0.1	7.9	112	5.1	123	91	65	0	6	6	0	

Based on 1961-90 normals.

Weather Data for the Week Ending February 26, 1994

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 Dec 1	PCT. NORMAL SINCE Dec 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE	MAXIMUM	MINIMUM	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP.	
																				.01 INCH OR MORE	.50 INCH OR MORE		
TOLEDO	34	19	57	-3	26		1.3	.8	.6	5.9	95	4.7	140	92	65	0	0	6	6	3	1		
YOUNGSTOWN	38	24	60	1	31		1.0	.4	.5	6.8	98	4.2	106	91	65	0	0	6	6	5	0		
OK OKLAHOMA CITY	46	24	63	15	35		1.4	1.0	1.3	3.6	91	2.3	91	85	57	0	0	6	4	2	1		
TULSA	48	27	60	17	38		1.0	.4	.7	4.3	79	2.5	77	87	55	0	0	6	4	2	1		
OR ASTORIA	48	38	54	33	43		4.8	3.0	.9	27.2	98	17.6	103	99	84	0	0	0	0	7	5		
BURNS	41	25	49	13	33		.2	.0	.1	1.5	54	.7	41	84	56	0	0	6	2	0	0		
MEDFORD	52	39	62	33	45		.5	.0	.3	4.6	59	2.2	48	92	64	0	0	0	0	5	0		
PENDLETON	42	30	51	23	36		1.6	1.3	1.2	4.1	99	3.2	126	82	55	0	0	0	5	5	1		
PORTLAND	46	36	50	33	41		3.4	2.5	2.1	13.1	87	8.1	91	91	75	0	0	0	6	2	2		
SALEM	52	40	58	32	46		2.3	1.3	1.2	15.3	90	8.4	83	91	78	0	0	1	7	1	1		
PA ALLENTOWN	41	27	63	14	34		1.1	.4	.4	13.8	147	8.9	150	89	57	0	0	6	4	0	0		
ERIE	36	23	60	7	29		.8	.2	.3	6.7	85	3.8	88	94	63	0	0	6	4	0	0		
HARRISBURG	42	30	61	23	36		1.4	.7	.7	12.8	145	8.8	158	89	49	0	0	5	4	1	1		
PHILADELPHIA	46	32	61	21	39		1.5	.7	1.1	11.2	112	7.5	118	86	52	0	0	4	3	1	1		
PITTSBURGH	43	26	64	8	36		1.4	.8	.6	8.2	107	6.0	128	85	59	0	0	4	7	1	1		
SCRANTON	38	26	60	10	32		.4	.2	.1	7.3	110	4.3	104	92	55	0	0	5	4	0	0		
RI PROVIDENCE	40	28	62	11	34		1.0	.1	.3	13.4	116	7.7	106	90	55	0	0	5	4	0	0		
SC CHARLESTON	70	49	78	36	60		.5	-.4	.3	11.0	115	8.8	135	93	48	0	0	0	3	0	0		
COLUMBIA	70	43	79	31	56		2.7	1.6	2.3	10.6	90	8.2	100	88	42	0	0	1	3	1	1		
FLORANCE	59	36	70	26	49		1.2	.4	1.1	8.9	92	6.9	107	93	41	0	0	0	2	1	1		
GREENVILLE	59	38	70	26	49		1.6	.4	1.3	10.7	87	7.7	94	88	50	0	0	3	4	1	1		
SD ABERDEEN	11	-5	17	-15	3		.1	-.1	.1	1.8	108	1.3	109	80	63	0	0	7	3	0	0		
HURON	14	-1	19	-10	7		.4	.1	.2	2.3	155	1.6	155	83	71	0	0	7	4	0	0		
RAPID CITY	17	2	24	-5	10		.4	.2	.2	1.7	126	1.1	133	85	71	0	0	7	4	0	0		
SIOUX FALLS	19	2	24	-5	11		.2	.0	.1	1.7	93	1.4	125	85	63	0	0	7	3	0	0		
TN CHATTANOOGA	60	41	71	24	51		3.4	2.1	2.1	19.1	131	13.8	148	89	49	0	0	2	3	3	3		
KNOXVILLE	59	39	69	22	49		3.4	2.3	2.1	24.0	192	15.9	201	86	48	0	0	3	4	2	1		
MEMPHIS	57	39	66	21	48		2.0	.8	1.8	15.7	116	10.1	131	83	58	0	0	3	2	1	3		
NASHVILLE	58	39	68	19	48		3.1	2.0	1.7	17.0	145	10.3	146	86	49	0	0	3	4	3	3		
TX ABILENE	56	33	72	21	45		.8	.5	.8	2.8	88	1.9	88	84	37	0	0	3	1	1	0		
AMARILLO	50	20	70	12	35		.1	-.1	.1	2.1	140	1.1	105	81	36	0	0	7	1	0	0		
AUSTIN	69	47	80	35	58		1.3	.7	.8	4.5	81	3.4	91	83	41	0	0	0	3	1	0		
BEAUMONT	68	47	76	36	59		.7	.7	.1	10.1	79	8.1	102	96	58	0	0	2	0	0	0		
BROWNSVILLE	75	59	82	46	67		.7	-.2	.7	4.6	121	2.3	91	92	60	0	0	0	0	0	0		
CORPUS CHRISTI	73	55	83	42	64		.1	-.3	.1	6.8	142	2.0	57	91	53	0	0	0	4	0	0		
DEL RIO	72	50	82	38	61		.0	-.3	.0	2.9	83	2.8	114	76	45	0	0	0	0	0	0		
EL PASO	65	36	75	24	50		.0	-.1	.0	1.0	70	.3	32	41	15	0	0	2	0	0	0		
FORT WORTH	58	39	72	26	49		1.0	.4	.8	5.1	84	2.6	64	86	53	0	0	2	3	1	1		
CALVESTON	65	55	70	43	60		.2	-.4	.1	5.0	56	2.6	48	92	67	0	0	0	2	0	0		
HOUSTON	67	49	76	34	58		1.4	.5	.9	7.5	63	4.8	68	94	61	0	0	0	3	1	0		
LUBBOCK	54	26	71	18	40		.1	-.1	.1	.9	56	.5	52	86	25	0	0	7	1	0	0		
MIDLAND	59	31	70	23	45		.1	-.1	.1	1.4	97	1.1	109	86	23	0	0	5	1	0	0		
SAN ANGELO	63	38	74	27	50		.3	.1	.3	2.8	108	2.0	112	84	30	0	0	2	2	0	0		
SAN ANTONIO	71	47	84	31	59		.2	-.3	.1	2.5	50	2.0	59	82	35	0	0	1	2	0	0		
VICTORIA	71	52	79	34	61		.4	-.2	.3	6.2	69	2.2	36	89	50	0	0	0	2	0	0		
WACO	60	41	71	30	51		2.4	1.8	2.0	5.8	108	4.4	122	87	56	0	0	2	3	1	1		
WICHITA FALLS	53	29	69	18	41		1.1	.5	.9	4.2	88	1.5	49	86	51	0	0	4	2	1	1		
UT CEDAR CITY	47	22	62	11	34		.1	-.2	.0	1.7	77	1.3	89	84	38	0	0	7	2	0	0		
SALT LAKE CITY	45	27	61	14	36		.6	.2	.4	2.7	73	1.8	81	81	48	0	0	4	4	0	0		
VT BURLINGTON	32	19	53	0	25		.9	.5	.7	5.0	87	3.4	103	80	51	0	0	5	2	1	0		
VA NORFOLK	62	40	73	30	51		.7	-.2	.5	11.0	108	7.7	110	85	48	0	0	1	3	0	0		
RICHMOND	58	37	73	26	47		1.9	1.1	1.6	11.3	119	7.5	122	87	29	0	0	2	3	1	1		
ROANOKE	55	34	69	20	44		1.4	.6	1.1	15.1	181	9.9	182	83	48	0	0	2	4	1	1		
WA QUILLAYUTE	46	35	50	32	40		4.7	1.6	1.3	36.3	87	23.7	91	87	87	0	0	1	7	4	4		
SEATTLE-TACOMA	46	35	48	32	41		1.4	.5	.4	11.2	75	6.7	74	90	71	0	0	2	7	0	0		
SPOKANE	37	26	46	23	32		.3	-.1	.1	4.0	69	2.2	64	87	52	0	0	7	3	0	0		
YAKIMA	43	26	50	20	34		.5	.4	.5	2.4	72	1.4	72	90	63	0	0	6	3	3	1		
WV HICKLEY	51	32	64	13	42		1.6	.9	.5	14.3	161	9.8	174	89	55	0	0	3	6	6	0		
CHARLESTON	56	36	73	17	46		1.6	.8	.5	15.2	167	12.0	210	87	52	0	0	3	3	5	0		
HUNTINGTON	54	36	70	18	45		1.3	.5	.7	13.1	140	9.9	169	90	47	0	0	3	3	5	1		
PARKERSBURG	49	32	68	14	41		1.6	.9	.6	13.3	152	11.3	194	83	55	0	0	3	3	5	1		
WI GREEN BAY	24	11	44	1	17		.8	.5	.4	3.1	85	2.6	126	82	57	0	0	7	4	0	0		
LACROSSE	24	9	33	-8	17		1.6	1.3	.6	4.5	120	4.2	197	88	62	0	0	7	4	1	1		
MADISON	29	11	47	-9	20		1.9	1.5	.9	6.4	121	5.7	195	87	67	0	0	7	4	2	0		
MILWAUKEE	31	18	52	7	24		.4	.1	.2	2.0	65	1.5	85	72	41	0	0	7	3	0	0		
WAUSAU	23	9	36	-3	16		.4	.1	.2	2.0	65	1.5	85	72	41	0	0	7	3	0	0		
WY CASPER	35	10	43	-13	23		.3	.1	.2	1.9	108	1.2	112	85	45	0	0	7	3	0	0		
CHEYENNE	35	11	53	-2	23		.3	.1	.2	1.8	156	1.5	203	88	49	0	0	7	3	0	0		
LANDER	35	8	46	-2	21		.7	.1	.2	1.7	109	1.3	132	81	40	0	0	7	3	0	0		
SHERIDAN	26	2	37	-11	14		.7	-.1	.7	3.1	147	2.6	191	86	63	0	0	7	1	0	0		

Based on 1961-90 normals.

HEATING DEGREE DAYS (Base 65° F) February 20 - 26, 1994

(Cumulative totals and departures from normal are for the period July 1, 1993 - February 26, 1994)

STATES AND STATIONS	WEEKLY		CUMULATIVE		STATES AND STATIONS	WEEKLY		CUMULATIVE		STATES AND STATIONS	WEEKLY		CUMULATIVE				
	TOTAL	DEPARTURE	TOTAL	DEPARTURE		TOTAL	DEPARTURE	TOTAL	DEPARTURE		TOTAL	DEPARTURE	TOTAL	DEPARTURE	DEP fm 92-93		
AL BIRMINGHAM	86	-33	2384	14	231	LA BATON ROUGE	59	-18	1684	231	515	TULSA	188	32	3217	216	83
AL HUNTSVILLE	98	-40	2745	75	259	LA LAKE CHARLES	54	-18	1399	20	254	OR ASTORIA	152	12	3442	57	-131
AL MOBILE	44	-27	1580	122	371	LA NEW ORLEANS	51	-18	1398	93	433	OR EUGENE	132	-7	3354	230	07
AL MONTGOMERY	59	-35	1966	113	272	LA SHERBOURNE	82	-19	1964	58	104	OR MEDFORD	136	-10	3235	-83	160
AK ANCHORAGE	397	85	6574	-926	-946	ME BANGOR	280	-22	5966	344	66	OR NORTH BEND	117	-2	2952	12	63
AK BARROW	554	-31	1821	-1393	-1089	ME PORTLAND	250	-28	5400	204	100	OR PENDLETON	204	36	3806	-78	-578
AK BETHEL	434	29	7895	-1031	-837	MD BALTIMORE	173	-23	3752	202	340	OR PORTLAND	167	26	2995	-179	-223
AK COLD BAY	256	-3	5593	-661	-650	MA BOSTON	219	-12	4325	326	200	OR REDMOND	198	3	4743	153	-486
AK FAIRBANKS	543	86	9496	-925	-786	MI ALPENA	345	29	6317	547	459	OR SALEM	132	-16	3094	-253	-194
AK JUNEAU	391	145	5497	-652	-464	MI DETROIT	264	2	4866	89	318	PA ALLENTOWN	215	-21	4568	293	379
AK KING SALMON	416	72	6696	-1178	-871	MI FLINT	305	30	5631	615	672	PA BRADFORD	266	-28	5761	89	340
AK KOTzebue	497	8	9379	-997	-1270	MI GRAND RAPIDS	303	28	5505	458	525	PA ERIE	249	-12	4815	396	588
AK MCCRATH	459	7	9000	-1490	-991	MI LANSING	311	31	5590	455	491	PA PHILADELPHIA	181	-29	3523	-167	168
AK NOME	377	-50	8473	-882	-1406	MI MUSKOGEE	305	32	5337	459	460	PA PITTSBURGH	211	-27	4478	86	368
AK ST PAUL ISLAND	269	-32	6232	-718	-823	MI TRAVERSE CITY	346	40	5750	349	306	PA SCRANTON	229	-25	4886	300	493
AK YAKUTAT	387	135	5734	-623	-836	MN DULUTH	411	61	7636	590	664	PA WILLIAMSPORT	231	-14	4866	386	604
AZ FLAGSTAFF	244	16	4674	-151	-5	MN INT'L FALLS	405	29	8107	407	443	RI PROVIDENCE	215	-21	4428	270	273
AZ PHOENIX	46	-3	820	-251	-8	MN MINNEAPOLIS	349	41	6439	439	475	SC CHARLESTON	40	-52	1627	-57	177
AZ TUCSON	72	2	1140	-185	-98	MS ROCHESTER	359	44	6645	515	336	SC COLUMBIA	61	-54	2167	-9	75
AR FORT SMITH	144	-1	2845	18	113	MS JACKSON	81	-29	2275	215	558	SC GREENVILLE	113	-25	2755	157	102
AR LITTLE ROCK	139	3	2682	46	122	MS MERIDIAN	68	-33	2021	10	309	SD ABERDEEN	433	117	6940	602	334
CA FRESNO	94	8	1871	-131	73	MO COLUMBIA	262	49	4273	257	210	WI HURON	406	108	6612	661	424
CA LOS ANGELES	54	5	646	-256	-153	KS KANSAS CITY	290	73	4312	135	63	WI PIERRE	402	122	6078	543	139
CA SACRAMENTO	103	12	2028	-16	57	LA SAINT LOUIS	226	27	3771	61	127	WI RAPID CITY	386	130	5324	63	-622
CA SAN DIEGO	59	15	771	-36	01	LA SPRINGFIELD	214	26	3741	137	198	WI SIOUX FALLS	378	81	6373	486	317
CA SAN FRANCISCO	101	17	1678	-325	27	MT BILLINGS	371	132	5131	-35	-451	TN BRISTOL	124	-53	3376	-6	209
CO COLORADO SPRINGS	242	19	4608	61	-90	MT GLASGOW	464	152	6881	390	-18	TN CHATTANOOGA	97	-50	2668	-173	140
CO DENVER	244	32	4268	-59	-409	MT GREAT FALLS	419	169	5787	269	-348	TN KNOXVILLE	111	-48	3108	37	280
CO GRAND JUNCTION	193	1	4273	-19	135	MT HAVRE	477	188	6614	376	-234	TN MEMPHIS	119	-11	2559	46	130
CT HARTFORD	231	-16	4882	355	273	MT KELZNA	358	103	5701	-113	-701	TN NASHVILLE	116	-40	3044	77	270
DE WILMINGTON	186	-21	3795	111	303	MT KALISPELL	315	60	5849	-175	-476	TX ABILENE	141	33	2280	124	175
DC WASHINGTON	155	-22	3416	293	245	MT MISSOULA	259	23	5387	-222	-752	TX AMARILLO	206	39	3494	198	-132
FL DAYTONA BEACH	11	-37	691	-73	197	NE GRAND ISLAND	366	119	5122	234	-294	TX AUSTIN	57	-20	1355	-110	37
FL FORT MYERS	0	-23	206	-175	97	NE NORTH PLATTE	316	70	5121	1	-463	TX BROWNSVILLE	14	-13	514	-74	129
FL JACKSONVILLE	25	-40	1171	-41	213	NE OMAHA	338	83	5332	414	259	TX CORPUS CHRISTI	27	-15	789	-107	121
FL KEY WEST	0	-7	24	-67	16	NE SCOTTSBLUFF	294	62	5083	206	-554	TX DALLAS FT WORTH	114	7	2046	29	174
FL MIAMI	0	-8	78	-106	53	NV ELKO	241	20	5555	517	-522	TX EL PASO	102	-3	2042	-205	64
FL ORLANDO	2	-31	481	-127	142	NV ELY	274	37	5679	409	58	TX HOUSTON	52	-21	1353	-4	254
FL PENSACOLA	37	-38	1342	-33	351	NV LAS VEGAS	109	23	1903	-31	-78	TX LUBBOCK	173	33	2792	22	70
FL TALLAHASSEE	37	-41	1390	-45	351	NV RENO	163	-15	3544	-550	-584	TX LUFKIN	78	-10	1779	118	160
FL TAMPA	3	-32	460	-166	121	NV WINNEMUCCA	187	-5	4542	28	-355	TX MIDLAND ODESSA	137	27	2297	2	108
FL WEST PALM BEACH	0	-17	137	-155	68	NH CONCORD	265	-22	5782	332	258	TX SAM ANGELO	102	2	1950	-115	65
GA ATHENS	75	-48	2432	98	129	NJ ATLANTIC CITY	169	-42	3967	214	316	TX SAN ANTONIO	56	-17	1330	-97	124
GA ATLANTA	68	-58	2223	-204	20	NH BERNARD	191	-20	3799	186	412	TX VICTORIA	44	-13	1095	-44	172
GA AUGUSTA	54	-55	2066	-48	146	NM ALBUQUERQUE	170	9	3246	-184	23	TX WACO	100	4	2024	183	313
GA MACON	53	-46	2071	119	232	NY ALBANY	260	-15	5447	419	395	TX WICHITA FALLS	167	41	2721	225	322
GA SAVANNAH	32	-52	1481	-93	128	NY BINGHAMTON	272	-11	5670	475	280	UT CEDAR CITY	212	11	4200	-71	-89
ID BOISE	176	-12	4275	-39	-392	NY BUFFALO	254	-18	5123	350	371	UT SALT LAKE CITY	201	1	4062	-199	-517
ID POCATELLO	216	-21	5215	72	-387	NY MASSENA	294	-29	6297	329	144	VT BURLINGTON	277	-34	5964	314	327
IL CHICAGO	282	23	5143	306	379	NY NEW YORK	192	-19	3730	164	229	VA LYNCHBURG	152	-29	3371	40	233
IL MOLINE	295	34	5141	242	275	NY ROCHESTER	256	-15	5331	533	318	VA NORFOLK	97	-60	2655	10	187
IL PEORIA	273	23	4767	104	259	NY SYRACUSE	267	-6	5479	592	486	VA RICHMOND	122	-48	3074	-15	163
IL ROCKFORD	300	25	5523	346	399	NC ASHEVILLE	132	-38	3413	135	306	VA ROANOKE	143	-37	3496	147	236
IL SPRINGFIELD	256	21	4457	116	379	NC CAPE HATTERAS	55	-73	1697	-312	43	WA OLYMPIA	169	8	3592	-268	-171
IN EVANSVILLE	178	-18	3689	15	307	NC CHARLOTTE	93	-51	2502	-139	80	WA QUILLAYUTE	171	14	3683	-169	-194
IN FORT WAYNE	250	-6	4775	127	270	NC GREENSBORO	130	-31	3077	76	73	WA SEATTLE TACOMA	170	24	3229	-113	-72
IN INDIANAPOLIS	230	2	4486	218	409	NC RALEIGH DURHAM	107	-40	2775	56	149	WA SPOKANE	231	22	4824	-89	-506
IN SOUTH BEND	274	21	5109	453	550	NC WILMINGTON	52	-61	1901	-76	72	WA YAKIMA	213	28	4357	-64	-497
IA DES MOINES	324	62	5356	392	302	ND BISMARCK	464	141	7255	617	317	WV BECKLEY	160	-55	4054	-74	260
IA MASON CITY	359	55	6375	496	339	ND FARGO	419	70	7314	428	287	WV CHARLESTON	131	-58	3594	42	260
IA SIOUX CITY	353	83	5775	495	272	ND MINOT	469	137	7370	611	330	WV HUNTINGTON	138	-54	3675	87	327
IA WATERLOO	340	48	5877	238	362	ND WILLISTON	475	154	7370	588	159	WI EAU CLAIRE	352	32	6649	439	624
KS CONCORDIA	310	89	4420	171	-342	OH AKRON CANTON	234	-13	4862	362	390	WI GREEN BAY	331	22	6158	290	440
KS DODGE CITY	275	80	4164	333	-440	OH CLEVELAND	231	-19	4720	298	446	WI MADISON	315	23	5844	215	475
KS GOODLAND	289	70	4750	348	-430	OH COLUMBUS	209	-22	4339	70	375	WI MILWAUKEE	284	6	5089	-138	195
KS RUSSELL	304	94	4246	156	-386	OH CINCINNATI	188	-26	4217	225	351	WI WY CASPER	294	37	5114	-320	-370
KS TOPEKA	284	74	4268	160	87	OH DAYTON	224	-8	4579	303	404	WI CHEYENNE	293	49	4257	200	01
KS WICHITA	247	53	3783	37	-121	OH TOLEDO	271	8	5028	206	547	WI LANDER	305	44	5613	-76	-699
KY LEXINGTON	167	-29	3873	205	413	OH YOUNGSTOWN	235	-24	4946	223	366	WI ROCK SPRINGS	289	15	6069	199	-360
KY LOUISVILLE	163	-25	3674	174	475	OK OKLAHOMA CITY	206	54	3225	278	224	WI SHERIDAN	354	98	5672	76	-481

Based on 1961-90 normals.

National Agricultural Summary

February 21 - 27, 1994

Early-week weather conditions were mild across the central and eastern United States. Spring-like weather gave way to a return to winter as a cold weather system blew down from Canada. The advancing cold front pushed away residual warmth from the Atlantic Seaboard and impeded field preparation. The collision of the cold front with the moist warm air from the Gulf restored the snow cover for small grains in the middle Mississippi and Ohio Valleys. Damage to wheat was possible in the central Ohio Valley, since the cold front preceded the protective snow storm. The storm produced good snow cover for winter wheat in the Great Plains. A generally cold, damp week with slightly below-average temperatures kept wheat dormant in the High

Plains. Concern for winter wheat in the central Great Plains and Mississippi Valley eased as it received needed moisture. The northern Pacific coast received continuous rain, which improved small grains growth. Spring wheat planting began in the Columbia Basin. The southern Pacific coast had wet conditions early in the week that hampered field activities. Heavy snow in the Great Lakes Region provided new cover for small grains and alfalfa hay. Warmer weather, in the Gulf coastal region and Atlantic States, early in the week allowed land preparation and corn planting to begin. Heavy rain from east Texas to the Mid-Atlantic States delayed some fieldwork later in the week. Some rice fieldwork began in Arkansas late in the week.

(Continued from front cover)

West. By Monday, temperatures plunged to as low as -20°F in the northern Plains (at Devils Lake, ND). Lingering moisture in southern California produced 8 inches of snow in Wrightwood and atop Mt. Wilson. Precipitation quickly spread eastward through the intermountain West and into the central and southern Plains. On Tuesday, Salt Lake City, UT experienced its second snowiest February day on record (9.8 inches). Heavy snow also developed in the central Plains on Tuesday, spreading rapidly through the Midwest and into the Northeast by midweek. Storm-total snowfall included 7 inches in Russell, KS, 10 inches in Kearney, NE, and 9 inches in Ames, IA. Farther east, 8 inches fell near Frederick, MD, while 6 inches covered Williamsport, PA. To the south, heavy rain spread from central Texas to the Middle Atlantic States, pushing weekly totals above 3 inches in locations such as Knoxville, TN and Asheville, NC. On Wednesday through Friday, a concentrated band of fiercely stormy weather ripped through the Pacific Northwest and into the High Plains. Flash flooding accompanied nearly 2 inches of rain (along with wet snow) in Portland, OR, while more than 16 inches of snow buried Pendleton, OR. A Washington State 24-hour snowfall record was established in the Cascades on February 23-24, as Crystal Mountain received 65 inches. Farther east, downslope (westerly) wind gusts exceeded 100 miles per hour in Boulder, CO on Thursday, and a blizzard raged in parts of the Dakotas. Williston, ND received 9.2 inches of wind-blown snow. Snow returned to the Midwest and Northeast late in the week. Madison, WI, which had its 19-inch snow cover on February 14 melt to 1 inch on February 22, ended the week with a 15-inch cover. Many February snowfall records have been established in southern Wisconsin and northern Illinois, including Madison (36.0 inches, snowiest month on record), Chicago (25.0 inches), and Moline (20.6 inches). Elsewhere, warm weather continued in Florida, where Miami tied its February record with 89°F on Saturday.

State Summaries of Weather and Agriculture

These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service.

ALABAMA: Rainfall 0.52 to 2.83 in. north; 0.65 to 2.28 in. central; 0.16 to 1.13 in. south. Temperatures 1° below normal to 3° above normal north and central; 2° below normal to 5° above normal south. Lows 20 to 28° north; 24 to 30° central; 25 to 35° south. Highs 68 to 72° north; 70 to 76° central; 76 to 80° south.

Primary activities: Spring plowing and general care of livestock, poultry, catfish.

ARIZONA: Temperatures mostly below normal; 5° below to normal. Extremes -2°; 75° higher elevations; 25°; 81° deserts. Very little precipitation across State. Precipitation none to 0.14 in.

First cotton planted. Small grain established 100%, 100% 1993, 100% avg. Alfalfa fair to good. Haying, sheepling off activities light; stand renovation, new stand establishment mostly normal. Citrus harvest steady. Grapefruit, navel, sweet oranges, lemons available central, western areas. Also, valencia oranges available western areas. Tangerines, tangelos available central area. Winter vegetable harvest active. Available from western, central areas: Bok choy, broccoli, cauliflower, leaf, romaine lettuces, napa, spinach. Western harvest also included: Asparagus, broccoflower, celery, iceberg, boston lettuce, endive, escarole, salad savoy. Central crops available included: Beets, carrots, kohlrabi, leeks, mixed greens, green onions, radishes, rutabagas, swiss chard, turnips, watercress. Light volume tomatoes available eastern areas.

ARKANSAS: Temperatures a few degrees below normal for the week. Extremes 12°; 73°. Rainfall first part of week, 0.62 to 3.21 in.

Soil moisture supplies remain adequate to surplus. Wheat condition mostly fair, some good. There was continued aerial nitrogen application on wheat. Some rice fieldwork beginning. Livestock, pastures good. Scattered hay shortages continue in southwest.

CALIFORNIA: Rain most areas. Drier conditions last half of week. Temperatures 3° below normal.

Progress field activities slow; rain, wet soils most areas. Small grains, forage crops, seedling alfalfa grew rapidly. Aerial fertilizer, herbicide applications ongoing. Few late wheat fields seeded southern counties, as moisture improved. Sugarbeets irrigated, treated weeds. Fields prepared for planting dry beans, cotton, other row crops where conditions allowed. Alfalfa cut hay, sprayed aphids, weevils desert areas. Some alfalfa, sudangrass reseeded, poor stands. Oats greenchopped San Joaquin Valley between rains. Pruning, weed control, replanting continued in orchards, vineyards. Blooming continued in stone fruit, almond orchards. Citrus harvest continued. Navel orange harvest nearly 60% complete; heavy grading due to rind breakdown. Hail impacted citrus orchards in Tulare County. Strawberry harvest slow. Asparagus harvest started San Joaquin Valley, nearing completion Imperial Valley. Broccoli harvest continued Imperial, San Joaquin Valleys. Harvest cabbage took place Riverside County. Cabbage, carrots progressing well Stanislaus County. Cucumbers planted under hot caps Tulare County. Head lettuce fields thinned, treated mildew, irrigated San Joaquin Valley. Harvest head lettuce fields central, desert valleys. Onions growing well central valley. Sweet potatoes planted hotbeds Merced County. Spinach treated mites San Joaquin Valley. Processing tomato beds planted, treated pre-emergent herbicides irrigated central valley. Squash planted under hot caps Tulare County. Activity along central coast delayed due wet conditions. Most spring vegetables Coachella Valley planted. Other crops being harvested: spices, taro root, turnips, various oriental vegetables. Rangeland conditions continue to improve. Warmer weather will accelerate growth. Water supplies plentiful. Cows, calves good condition. Branding starting to pickup.

COLORADO: Cold front moved across late on the 21st into the 22nd bringing precipitation to most areas. West of the Continental Divide precipitation amounts were generally less than 0.20 in. In the Platte River Basin 0.10 to 0.30 in. It was windy in the mountains, along the northern front range on the 23rd, 24th with wind gusts as high as 110 miles an hour on the 24th. A cold front moved across the east on the 24th dropping temperatures sharply. The 25th was cold, cloudy statewide with trace amounts of precipitation in the east, dry in the west. The 26th, 27th were dry, mild. Temperatures were below normal first part of the week, returning to near normal by week's end.

General precipitation across the eastern part of the State has been favorable to the winter wheat crop. Care of livestock was the main producer activity.

FLORIDA: Temperatures 1 to 10° above normal. Highs; mostly 80s. Lows; 30s north to low to mid 60s southeast coast. Rained on 1 to 2 days most locations. Rain totals varied less than 0.25 in. to 2.00 in.

Soil moisture mostly adequate throughout State. Sugarcane harvest winding down. Maintaining tobacco beds. Making preparations for tobacco transplanting. Making preparations for spring planted crops. Citrus trees very good to excellent condition, moisture adequate. New growth, bloom progressing. Early-mid orange harvest slowing as supplies are running low. Grapefruit movement very active lower east coast for both domestic, export use. Temple, Honey tangerine harvest active for both fresh, process uses. Dancy tangerine harvest almost over. Caretakers cutting cover crops, hedging, topping harvested groves, fertilizing prior to open bloom. Good growing conditions in major vegetable growing regions last week. Good weather permitted Homestead growers return to normal field work after previous weekend downpour. Planting activities for spring crop about complete south. Ground preparation for spring crop increasing north. Leading vegetable shipments: Tomatoes, peppers, cabbage, celery, strawberries. Also available: Snap beans, carrots, chinese cabbage, sweet corn, cucumbers, eggplant, escarole, iceberg lettuce, leaf lettuce, romaine, specialty lettuces, potatoes, radishes, squash, cherry tomatoes. Pasture feed 25% fair, 75% good. Cattle herds mostly good condition.

GEORGIA: Temperatures 1 to 4° above normal north, west areas, 2 to 6° above normal east, south. Warmer than normal first half week, colder than normal over weekend, 26th, 27th. Temperatures varied mid to upper 60s in northeast mountains to low 80s extreme south. Temperatures freezing or below over much of State during weekend. Minimums mostly low to mid 20s north, upper 20s to low 30s central, southwest, mid 30s southeast. Colder mountain areas northeast minimums in teens. Rain reported 2 or 3 days north only 1 day central, south. Rain totals heaviest extreme north with local amounts of 2.00 to 4.00 in. Elsewhere, rain totals mostly 0.50 to 2.00 in.

Soil moisture adequate. Land preparation increasing due to warm weather beginning of week. Fields still too wet to support equipment some areas. Cool weather at the end of week slowed corn planting south. Small grains good, topdressing active. Peaches good, early varieties blooming throughout State. Pruning of peach trees continues north. Onions, tobacco plants good condition. Pastures variable, mostly fair. Cattle, hogs fair to good, mostly good.

HAWAII: Mostly sunny weather prevailed helping to dry out State after previous weeks' heavy rains. Some rain over weekend, mostly along windward areas. Most farming activities returned to normal as fields dried. Rainfall none to 2.30 in. Temperatures low 60s to mid 80s.

Spraying activities intensified to control insects, disease. Most crops made good progress aided by warmer weather. Banana shipments moderate. Papaya output steady.

IDAHO: Temperatures 6° above to 3° below normal. Precipitation 0.06 to 1.76 in. north, 0.10 to 0.25 in. southwest, 0.03 to 0.69 in. south central, 0.18 to 0.58 in. east.

Soil moisture adequate. Hay, roughage supplies adequate. Activities: Marketing, educational, commodity meetings, shop activities, livestock care. Livestock good condition with calving, lambing active in most area.

ILLINOIS: Winter returned last week; coldest weather over the weekend, with temperatures 2 to 12° below normal. Highs 20 to 45°. Lows single digits to near 30°. Extreme low -17°. Precipitation between 0.50 to 1.75 in. most areas.

Farmers concerns remained for wheat condition, livestock, feedlot conditions, quality hay supplies as weather conditions, soil moisture rates continued to change.

INDIANA: Temperatures 8 to 10° below normal in the north; 3 to 6° below normal south. High temperatures 28 to 43°, lows 10 to 28°. Precipitation, liquid equivalent, 0.50 to 0.90 in. far north, 0.30 to 0.50 in. north central, 0.50 to more than 1.00 in. south.

Wheat poor to good depending on location. Hay supplies remain good. Livestock condition continues to be good. Main activities this past week included: Grain marketing, hauling manure, tax preparation, chemical meetings.

IOWA: A cold, snowy week with temperatures 10 to 12° below normal. Extremes -16°; 40°. Moderate to heavy snow statewide 22nd; light to moderate snow with ground blizzard conditions statewide 25th. Precipitation 0.20 in. northwest to 1.47 in. east-central; State average 0.67 in. (normal 0.31 in.). Snowcover generally 5 to 10 in., locally 10 to 16 in. far north.

Winter weather tough on new born calves. Weather also increasing utilization of short hay supplies.

KANSAS: Last week's weather across the sunflower State can best be described as back to winter. Temperatures over all areas were below normal. Western third 7 to 8° below normal, the south-central, southeast districts 1° below normal, remainder of the State 4 to 6° below normal.

Cold weather returned to State, brought some much needed moisture. Morning low temperatures were generally at or below 20°, while daytime high temperatures were mostly in the mid 20s to mid 30s with the exception of 24th. Temperatures on 24th 10 to 15° warmer. Precipitation: sleet to ice to snow to rain. Rainfall 0.20 in. southwest to 2.00 in. southeast. Most of the rest of the State received 0.50 to 0.70 in. Precipitation below normal all winter, should now benefit the wheat crop when the weather warms up enough to bring it out of dormancy.

KENTUCKY: Temperature 41°. High temperature 55°, about 1° above the 30-year normal. Low temperatures in teens. Precipitation was 1.70 in. Eastern one-fourth of the State received the most rain, accumulations averaging 2.50 in.

Winter wheat beginning to show some growth. Burley sales light, four markets remain open. Early plowing, tobacco bed preparation hampered by wet conditions most areas. Livestock feed requirements lessened by warmer weather, wide changes in temperatures continue to cause stress. Soil moisture mostly adequate.

LOUISIANA: Weather data not available.

Relatively little fieldwork was because most soils were too wet. Winter grazing of rye grass pasture and supplemental hay feeding continued active. Farmers continued equipment repair, geared up for spring plowing.

Fieldwork was slow except for some spring plowing, shaving, off-barring of sugarcane in the extreme southern parishes. Main activities: Cattle tending, grazing of rye grass, feeding of hay, repairing fencing.

MARYLAND & DELAWARE: MARYLAND: Precipitation 1.90 in., normal 0.75 in. Temperature 43.2°, normal 35.6°. Extremes 19°; 70°.

Activities: Caring for livestock. General farm chores. Machinery maintenance.

DELAWARE: Precipitation 2.14 in., normal 0.76 in. Temperature 44.8°, normal 36.5°. Extremes 27°; 70°.

Activities: Caring for livestock. General farm chores. Machinery maintenance.

MICHIGAN: Extremes -17°; 59°. Precipitation 0.17 to 1.13 in. across the State. Snowfall was the story in State last week. One storm blew through the State on 23rd dropping 3 to 5 in. while 25th saw another storm blanket the State with 4 to 6 in. of additional snow.

Most livestock are in good condition, feed supplies remain expensive, adequate. Major activities: Blowing snow, hauling manure, pruning fruit trees, attending meetings, purchasing seed, chemicals, paying bills.

MINNESOTA: Temperatures 7 to 12° below normal for the State. Extremes -17°; 32°. Precipitation 0.05 to 0.11 in. below normal for the north central, northeast, 0.25 to 0.33 in. above normal elsewhere. Precipitation 0.08 to 0.59 in. for State. Greatest weekly total 0.70 in. Snowfall at weekend 14 in. southeast, 3 to 7 in. elsewhere.

Calving continued throughout the State this past week.

MISSISSIPPI: Weather data not available.

Days suitable for fieldwork 1.0, 1.8 1993, 1.3 5 yr avg. Soil moisture 38% adequate, 25% surplus, 37% excessive. Hay supply 57% short, 43% adequate. Livestock conditions 43% fair, 57% good. Pasture 83% of normal. Activities: Feeding livestock.

MISSOURI: Temperatures 2 to 10° below normal across most of State, except southeastern district, 8° above normal. Precipitation 1.10 in. across State. Precipitation from less than 1.00 in., northwestern, north-central, northeastern, west-central districts to 1.55 in. southwestern district.

Farmers were moving hay, caring for livestock, other farm work.

MONTANA: Temperatures 5 to 10° below normal west and southwest, 20 to 30° below normal remainder. Precipitation moderate to heavy west and southwest, light central and east.

Snow cover protection for winter wheat 18% poor, 25% fair, 27% good, 30% excellent. Wind damage to winter wheat 42% none, 46% light, 11% moderate, 1% heavy. Winter wheat is still dormant. Livestock grazing is 18% open, 35% difficult, 47% closed. Livestock in most regions are receiving supplemental feed. Calving, lambing are well advanced in western, central State, just starting in the east. Calving 19% complete, lambing 15% complete.

NEBRASKA: Temperatures 8 to 18° below normal. Precipitation (in the form of snow) 0.10 in. northwest to over an inch central.

Winter wheat 3% poor, 26% fair, 57% good, 14% excellent. Hay supplies 9% short, 89% adequate, 2% surplus. Feed grain supplies 5% short, 93% adequate, 3% surplus. Condition of cattle, calves 2% poor, 30% fair, 68% good. Snow depth 0.50 in. western panhandle to 12.00 in. central, 6.00 in. elsewhere. Calving near 25% complete. Farm stored grains appear to be keeping well. Producer activities include tax preparation, educational meetings, ASCS applications, planning for the spring crop season.

NEVADA: Series of weather disturbances moved through State bringing generally light precipitation to north, central, western divisions. Temperatures below average. Extremes -10°; 75°.

Fieldwork underway south. Calving, lambing continuing. Major activities: Care, feeding of livestock, general maintenance, preparing for spring work.

NEW ENGLAND: Precipitation none to 0.41 in. regionwide. Temperatures 5 to 22° north; 16 to 25° south. Maximum temperatures 30 to 56° north; 33 to 60° south. Minimum temperatures -21 to 4° north; -15 to 8° south.

Major farm activities: Caring for livestock. Getting greenhouses cleaned, geared up for production. Southern States are preparing for first run of maple syrup. Moving apples, potatoes out of storage.

NEW JERSEY: Temperatures were below normal; 28° north, 32° south, 34° coastal. Extremes 4°; 67°. Precipitation was above normal; averaging 1.13 in. north, 1.50 in. south, 1.63 in. coastal. Heaviest 24 hour total 1.73 in. on 23rd, 24th. Heaviest 24-hour snowfall 4 in. on the 23rd, 24th. Snow on ground on 28th: little in the south, 2 to 10 in. central, north.

Farmers busy caring for livestock, tending to other winter chores.

NEW MEXICO: Temperatures were within 1 or 2° normal for most of the State. Northeast plains was the only exception, 4° below normal. Extremes -3° northern mountains; 76° southeastern desert. Precipitation spotty, light, with no totals over 0.33 in.

Farming activities focused on land preparation for spring planting, pre-irrigation.

NEW YORK: The 20th was extremely warm, highs in lower 60s. Cold front passed on 21st, temperatures fell to 30s. Snowstorm on 23rd, temperatures near 10° in north. Freezing rain in south, snow in north on 24th. More snow fell on 25th, temperatures 0° north to 20s south. Extremes -12°; 63°.

Major activities: Caring for livestock, spreading manure, attending meetings, moving crops from storage. Coldness made outside chores difficult.

NORTH CAROLINA: Average temperatures 46° Asheville, Greensboro to 57° at Hatteras, Wilmington. Rainfall 0.84 in. at New Bern to 3.41 in. Asheville.

Major activities: Plant bed, land preparation, general maintenance, tending livestock.

NORTH DAKOTA: Temperatures 15 to 26° below normal. Extremes -29° north central; 26° south central.

Additional snow blocked secondary roads in many areas. Snow cover was sufficient to protect winter wheat, rye, alfalfa. Cattle, sheep good condition. Feed supplies remained adequate. Calving, lambing underway in many areas. Grain marketing continued as storage space became available at local elevators.

OHIO: Sharp temperature extremes occurred. A taste of springlike weather was followed by a frigid blast of winter. Average highs upper 20s, 30s north to the 40s in the south, which was 4 to 8° below normal in the north, central, 1 to 5° below normal in the south. Lows the teens in the north to the upper teens, 20s south, which 3 to 8° below normal in the north, near normal to as much as 8° below normal in the south. Warmest readings around 40° far northwest to the 60s south. Liquid precipitation around 0.30 to 0.90 in. north to 0.50 to 1.20 in. south. This was wetter than normal over parts of the south, northeast by up to 0.60 in., close to normal to drier than normal by up to around 0.30 in. over parts of the northwest, central. Snow, ice cover, approximately 1 to 8 in., remained over mainly the north half of the State.

Winter wheat was vulnerable to damage in the lower half of the State. Exact condition of winter wheat is unknown. Livestock required supplemental feeding.

OKLAHOMA: Temperatures 4° below normal southeast to 11° below normal north-central. Precipitation 0.14 in. Panhandle to 2.21 in. southeast. Rains fell statewide. Panhandle, north central districts remain dry.

Feeder steers over 700 lbs. weak, other feeders, calves steady to \$3.00 higher.

OREGON: Temperatures near normal statewide, exceptions extreme northern locations 3° below normal. Precipitation heavy coast, 4.50 in.; 3.00 in. Willamette Valley; 1.00 in. southwestern valleys; northern Cascades, high plateau 3.00 to 5.50 in.; northeastern mountains, Columbia Basin 0.50 to 1.75 in. south central, southeastern sections less than 0.20 in. Northern Cascade areas received 3 to 4 feet of snow. Heavy rainfalls in Portland caused urban flooding.

Soil moisture adequate. Cascade snowpack continued to increase due to heavy snows, still below normal readings. Winter orchard

pruning continued. Livestock good to excellent. Lambing, calving underway statewide. Supplemental feeding continued, statewide.

PENNSYLVANIA: Spring-like beginning of week; return to winter by mid-week. Temperature 33°, 5° above normal. Extremes -7°; 70°. Precipitation 1.34 in., 0.69 in. above normal.

Activities: Hauling manure; fixing fence; caring for livestock.

PUERTO RICO: Island rainfall 1.20 in. was 0.65 in. above normal. Highest rainfall 10.82 in. Pico del Este, 5.49 in. Rio Blanco, 5.28 in. Maunabo. Island temperatures about 76 to 78° on the coasts, 69 to 73° interior with mean station temperature 78.5° at Roosevelt Roads to 61.6° Pico del Este Luquillo. Extremes 52°; 92°.

SOUTH CAROLINA: Temperatures 1 to 5° above normal. Average Rainfall 1.60 in.

Farm activities: Small grain conditions remained good. Producers continued top dressing nitrogen, herbicides to fields dry enough to access. Tobacco beds remained good. Land preparations continued in some areas. Adequate moisture in most areas last week. Livestock good.

SOUTH DAKOTA: Temperatures 9 to 26° below normal. Extremes -22°; 40°. Precipitation as snow nearly statewide, heaviest central, southeast. Maximum 0.81 in. Snow depth 1 to 10 in. south to 30 in. north central.

Farm activities: Routine livestock care, preparing for calving season, attending livestock production sales, hauling grain.

TENNESSEE: On average, temperatures were slightly warmer than normal. All of State enjoyed spring-like warmth through the 23rd. Chattanooga had a high of 71° on the 21st, 23rd. A cold front passed through the region on the 25th, temperatures struggled to reach out of the 30s on the 26th. State was wetter than normal; most of the rain fell early in the week. Spotty showers, ahead of a weak cold front, brought between a 0.33 to 1.25 in. east, middle on the 21st. Heavy rain on the 22nd when a warm front brought 1.25 to 2.50 in. to the whole State in a 24-hour period. Knoxville, Chattanooga measured about 3.25 in. Both cities had over 2.00 in. rain on the 23rd.

Removing fallen trees limbs, other debris caused by the ice storm is still keeping farmers busy. Greenhouse preparation of tobacco plants is underway. Wheat, livestock are in mostly good condition. Soil moisture levels are adequate to surplus.

TEXAS: High pressure brought fair skies, cold conditions early and late last week, separated by a cold front which produced heavy showers, thunderstorms at midweek. South Central, Upper Coast, Southern Texas climate divisions reported near normal temperatures, while other seven climate divisions reported below normal temperatures for week. Departures near normal (-1°) three divisions to -9° in Low Rolling Plains. Precipitation was above normal in northeast half of State, below normal in South Texas, western regions. North-central division received highest average precipitation (1.14 in.), while Lower Valley received lowest average precipitation (0.03 in.). Divisional departures +0.57 in. north central division to -0.52 in. Upper Coast division. Some of larger individual station totals were 2.07 in. at Longview, 2.07 in. at Waco, 1.53 in. at Lake Livingston. Mean soil temperatures were mostly in 50s across State last week. However, range of mean soil temperature was 37° at Bushland to 69° at Weslaco. Highest daily soil maximum temperature was 79° at Uvalde, lowest daily minimum soil temperature was 30° at Bushland.

Crops: Planting of corn continued between showers in Rio Grande Valley, along Coastal Bend, south central areas. Other areas continued to prepare for planting. Sorghum planting of grain sorghum was active in South Texas, in Rio Grande Valley. Small Grains: growing conditions continued to improve as small grains displayed good growth, development. Wheat was responding rapidly growth as most producers have completed nitrogen applications. There were moderate to heavy infestations of weeds in high plains. Spraying continued on greenbug populations which were very active in Southern Low Plains, Cross Timbers. Wheat 59% normal, 68% 1993.

Commercial Vegetable: Rio Grande Valley: harvest of cabbage, carrots, broccoli, cauliflower continued. Citrus harvest progressed. High Plains: fertilizers were applied and prewatering began. Land preparations for onion, potato planting continued. San Antonio-Winter Garden: spring planting was underway with cold tolerant plants being planted. Vegetables made fair progress as land preparation continued. East Texas: land preparation, planting of potatoes, onions was delayed due to wet field conditions. Early planted fields were looking good. Trans-Pecos: growers were controlling weeds and irrigating fields along Rio Grande as preparation for vegetable planting continued. Onions were making good progress. Peaches: Pruning of trees, dormant oil applications continued to be a priority in northern half of State. Early varieties were blooming, leafing out throughout southern half of State.

Range and Livestock: Livestock remained in fair to good condition across State. Cattlemen continued supplemental feeding programs as pasture conditions remain below normal. However spring green up was beginning as range pastures were showing signs of improvement due to warm temperatures, scattered showers. Hay supplies remained in high demand. Calving activity increased. Cattle continued to be moved off wheat fields in High Plains. Lice infestations were becoming a problem in Blacklands. Lambing continued at a steady level.

UTAH: Temperature maxima 3° below normal, minima 1° below normal. Precipitation was light to moderate across the entire State.

Major farm activities were continued lambing, calving, general farm maintenance, shop work, updating records, spring planning. Wet weather in some areas have caused some problems in lambing, calving. There were reports of marketing yearling calves, vegetables, surplus hay supplies.

VIRGINIA: Temperatures above normal. Extremes 8°; 74°. Precipitation was above normal with 1.00 to 2.00 in. of rain falling over most of the State.

Days suitable for fieldwork 1.1. Topsoil 2% short, 27% adequate, 71% surplus. Pasture feed 40% poor, 52% fair, 8% good. Barley 10% poor, 61% fair, 29% good. Wheat 13% poor, 42% fair, 45% good. Tobacco plantbeds 22% seeded. Forage from pastures, winter grazing crops dairy cattle 1%, beef cattle 6%, sheep 6%. Maple syrup making continued in Highland County, fruit tree pruning, some plowing, topdressing. Cleaning up after ice storms, tending to livestock, repairing machinery, fixing fences, working on farm records, seeding tobacco greenhouses, plantbeds.

WASHINGTON: Temperatures 1 to 7° below normal west; 3° below normal to 3° above normal east. Precipitation 0.70 in. to 3.04 in. west; none to 1.47 in. east.

Days suitable for fieldwork 4.0. Soil moisture 55% short, 44% adequate, 1% surplus. Hay, other roughage supplies 20% short, 75% adequate, 5% surplus. Range, pasture 10% very poor, 30% poor, 25% fair, 15% good, 20% excellent. Winter wheat dryland 10% poor, 40% fair, 49% good, 1% excellent; irrigated 6% fair, 90% good, 4% excellent. Barley dryland 3% poor, 87% fair, 10% good; irrigated 10% fair, 90% good. Weather was cooler, the precipitation continued. Rain, snow were received across the entire State, were quite heavy in places. The winter grains in the summer fallow rotation areas are expected to do well this year due to the adequate water stored from last year's rains. Some spring wheat, pea planting was underway in the Columbia Basin. Fruit pruning continued. Relatively mild winter weather has continued to be helpful to livestock producers in terms of reduced feed demands, improved calving, lambing conditions.

WEST VIRGINIA: Temperature 36°. Extremes 1°; 69°. Precipitation 1.56 in. Temperatures normal to above normal. Precipitation well above normal.

Hay, other feed supplies short to adequate. Farm activities: Calving, lambing, feeding livestock, bookkeeping.

WISCONSIN: Temperature 13°. Extremes -18°; 40°. Late February snow depths: 8.3 1994; 4.4 1993; 8.8 avg. Late-February frost depths: 19.1 1994; 16.6 1993; 17.5 avg. Snow this week provided new cover for winter wheat growing areas, alfalfa fields. Frost starting to leave the ground with warmer weather. Some flooding occurred during rapid snow melt on 26th.

WYOMING: It was a cold, wet week. Temperatures below normal. The exception was Riverton which 1° above normal. Coldest was Colony which 21° below normal. Precipitation was above normal across the State except the western third which was below normal. Moran received the largest amount of precipitation with 1.15 in.

Winter wheat 79% good, 21% fair. Snow cover protection 53% adequate, 47% short. Wind damage to winter wheat was 36% moderate, 58% light, 6% none. Livestock condition for cattle, sheep was 100% good. Grazing prospects were 53% good, 47% fair. Hay, roughage supplies were 86% adequate, 14% short. Spring calving was 16% complete. Farm flock lambing was 28% complete. Farm flock sheep are 40% shorn. The average expected date to begin spring fieldwork is April 5th.

International Weather and Crop Summary

HIGHLIGHTS

February 20 - 26, 1994

FSU-WESTERN: A warming trend followed last week's unseasonable cold, improving overwintering conditions for dormant winter grains.

EUROPE: Milder weather improved overwintering conditions for dormant crops in the east and prompted early vegetative growth in Spain.

SOUTH ASIA: Rain benefited immature winter grains and oilseeds in northern Pakistan and northern India.

SOUTHEAST ASIA: Showers continued across Java's rice areas.

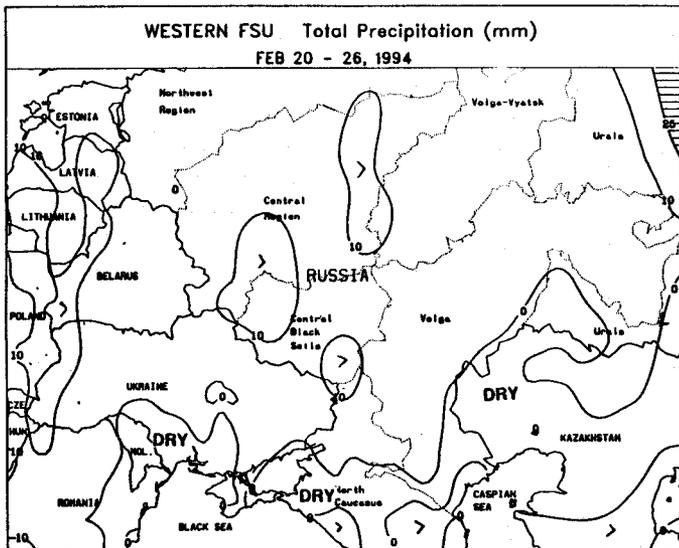
EASTERN ASIA: Light rain fell across the southern portion of the main wheat belt.

AUSTRALIA: Mostly dry weather continued across the eastern summer crop areas, stressing filling summer crops.

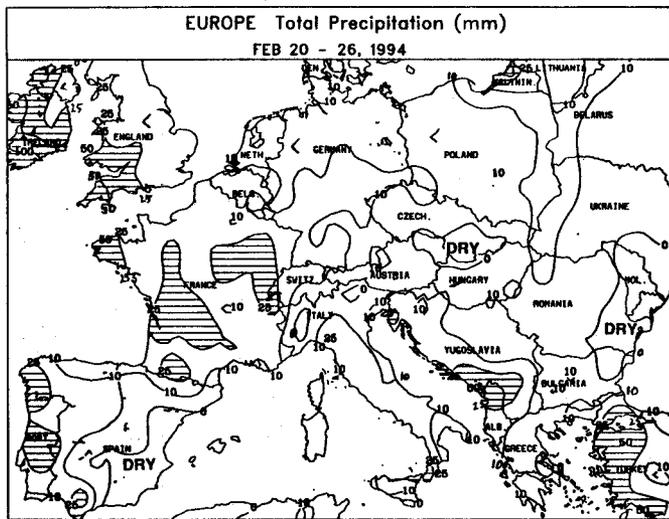
SOUTH AMERICA: Portions of Argentina were becoming dry, while wet weather continued across Brazil.

NORTHWESTERN AFRICA: Dry weather returned to winter grain areas in Morocco and Algeria.

SOUTH AFRICA: Favorably drier weather aided filling corn in the western and southern areas.

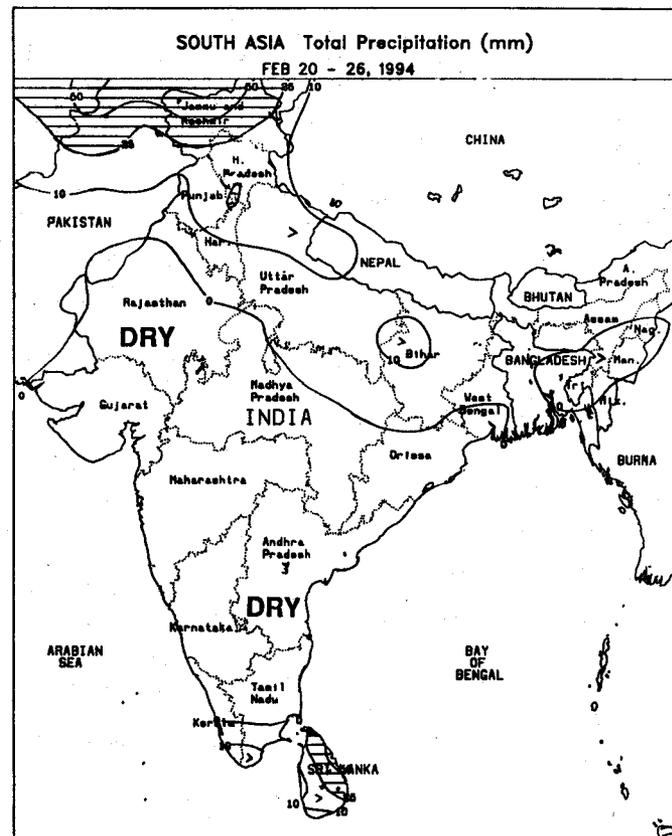


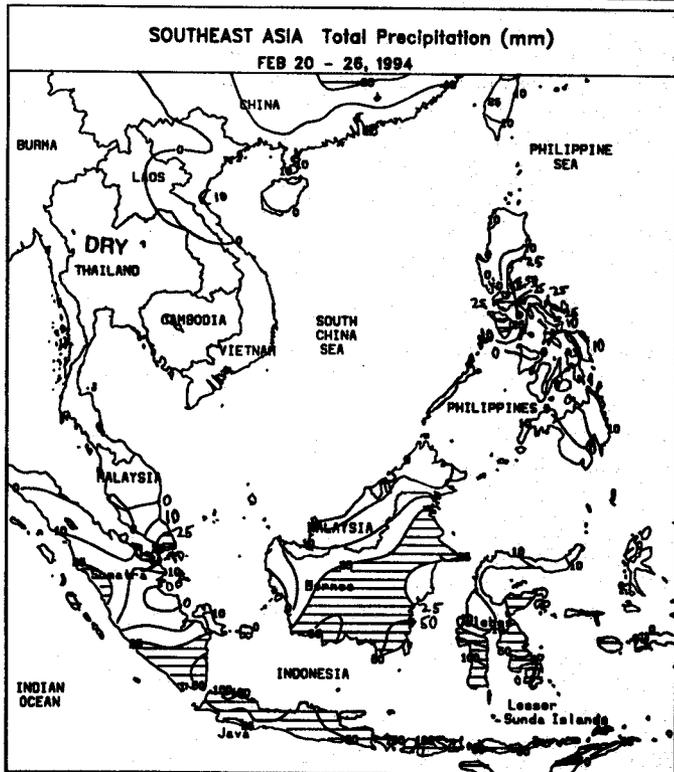
FSU-WESTERN: A warming trend followed last week's unseasonable cold, improving overwintering conditions for dormant winter grains. Weekly average temperatures were 1-3 degrees Celsius (C) above normal over Russia, Ukraine, Belarus, and the Baltic States. Snow cover increased in northern Russia, Baltic States, and western Ukraine, where precipitation amounts ranged from 5 to 18 mm. Dry weather continued over southern Ukraine and central North Caucasus, Russia, where winter grains continued to lack a protective snow cover.



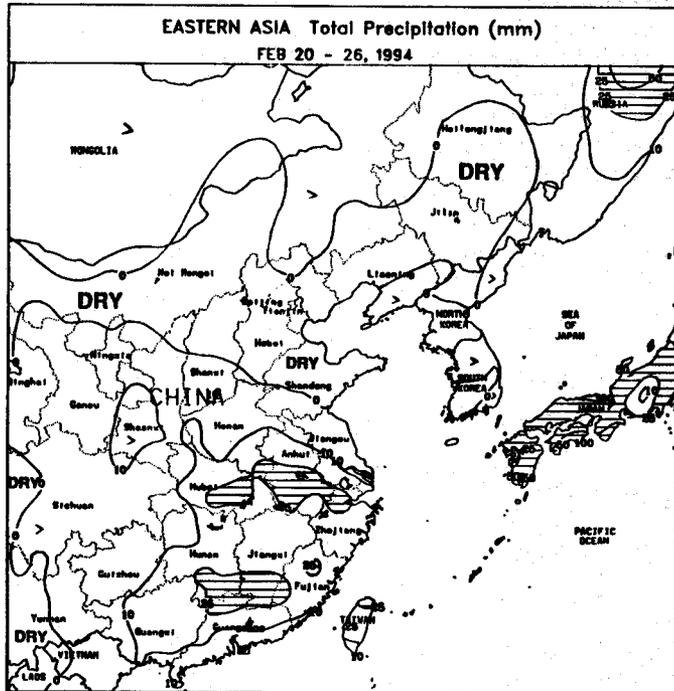
EUROPE: Milder weather improved overwintering conditions for dormant winter grains in eastern Europe, although lingering cold air in northern Germany kept weekly temperatures 3 to 6 degrees C below normal. In contrast, temperatures averaged 3 to 5 degrees C above normal in much of France and Spain, prompting early vegetative growth of winter crops in southwestern Europe. Significant rain (15-40 mm) fell over much of France, and western portions of both the United Kingdom and the Iberian Peninsula. Persistent dryness continued over eastern Spain, hampering crop growth. Precipitation was also below normal over Italy's Po Valley, where weekly totals ranged from 1 to 11 mm, and in southeastern Europe (especially eastern portions of Romania and Bulgaria). Heavier precipitation (20-65 mm) was confined to the Adriatic region, maintaining favorable soil moisture.

SOUTH ASIA: Light to moderate showers (5-27 mm) covered northern winter crop areas from Pakistan to Bihar, benefiting immature grains and oilseeds. The rain was especially welcomed in Pakistan, which has been trending dry since the withdrawal of the southwest monsoon. Dry weather prevailed elsewhere, although moderate rain (20-67 mm) returned to Sri Lanka. Temperatures averaged 1-3 degrees C below normal in the central and northern crop areas, and near normal elsewhere.



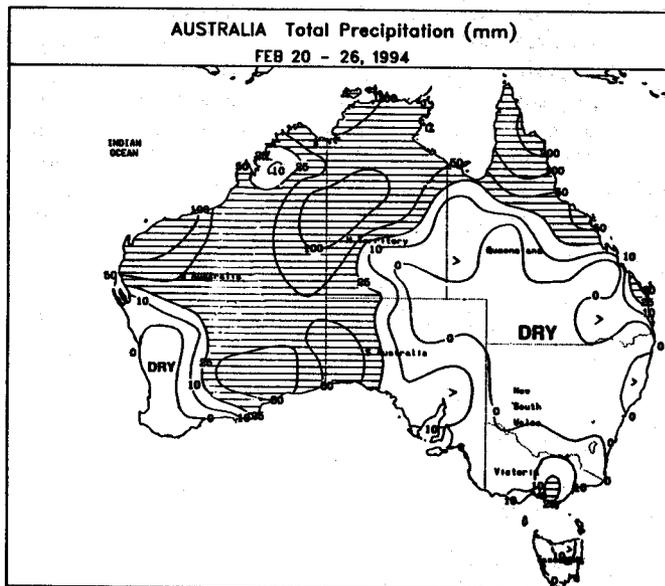


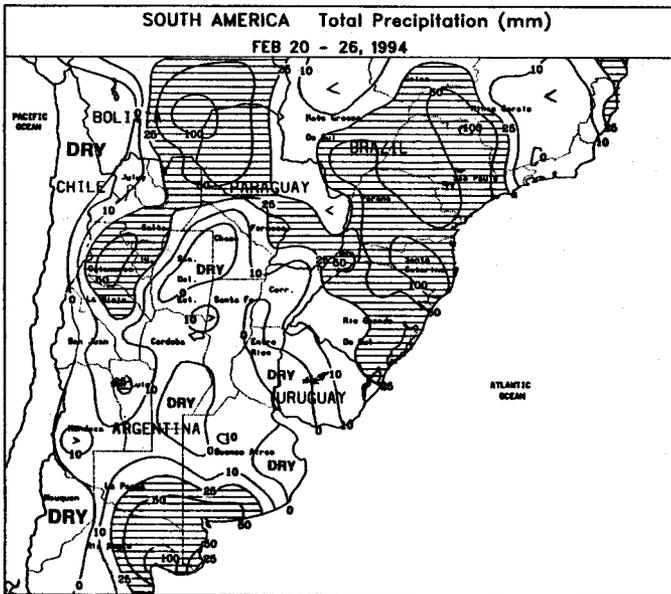
SOUTHEAST ASIA: Moderate to heavy showers (30-143 mm) continued over primary rice areas of Java and other locations in southern Indonesia. Mostly dry, warmer-than-normal weather dominated Malaysia and Indochina, with no rain reported in rice and oil palm areas of western Malaysia. Persistent above-normal temperatures in Indochina increased moisture demands of dry-season rice. Mostly light rain (15 mm or less) continued across the Philippines.



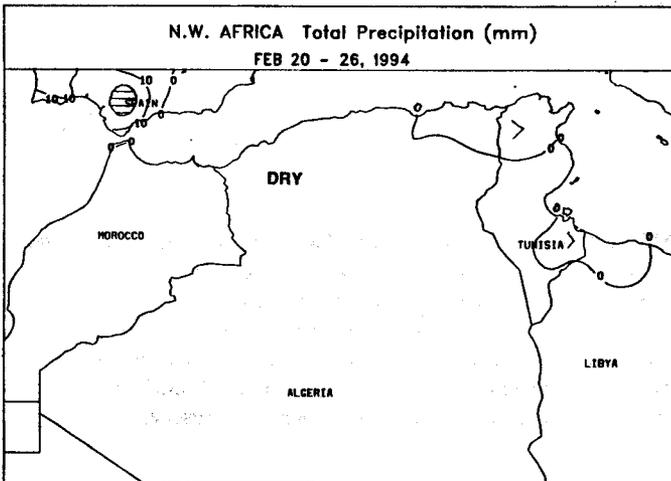
EASTERN ASIA: Most of the North China Plain remained seasonably dry, but light precipitation (3-12 mm) increased soil moisture across the southern wheat areas of Henan, northern Anhui, and northern Jiangsu. Weekly temperatures averaged 2-4 degrees C across the main wheat belt, just cool enough to keep winter wheat dormant. Widespread rain (10-35 mm) covered southern China, favoring vegetative winter grains and increasing reservoir levels.

AUSTRALIA: Isolated light rain (3-10 mm) was insufficient for filling cotton and sorghum across the eastern crop areas. Temperatures averaged 2-4 degrees C below normal across the summer crop region, helping to reduce evaporation rates. Tropical activity was heavy across northern Australia, producing moderate to heavy showers (40-100 mm) across the northeastern Queensland sugarcane region. Portions of the extreme northern sugarcane region again received very heavy showers (200-250 mm), causing flooding. Despite periods of dry weather since January, the southeastern pasture areas did receive regular rainfall. In New Zealand, rainfall averaged near normal for the past 8 weeks, favoring pastures.



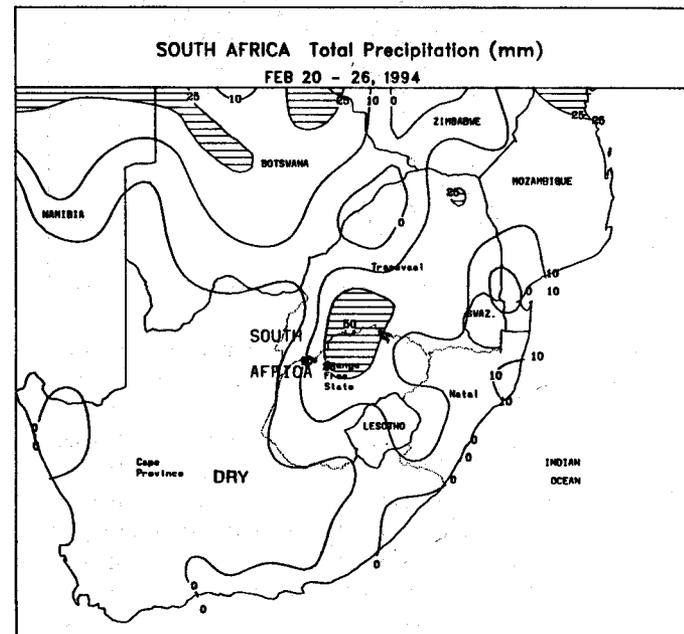


SOUTH AMERICA: In Argentina, isolated showers (3-17 mm) fell across southern Santa Fe and northern Buenos Aires. However, most of this area has been dry for more than a week, with temperatures averaging 2-3 degrees C above normal (maximum temperatures ranged from 30 to 32 degrees C), raising concerns for reproductive to filling soybeans and corn. Nevertheless, soil moisture should still be adequate for crop development. Across southern Buenos Aires, moderate to heavy showers (22-80 mm) aided corn and late sunflowerseed. Beneficial drier weather prevailed across the northern cotton areas, which was excessively wet. In southern Brazil, moderate showers (17-50 mm, with scattered amounts of 75-125 mm) covered Rio Grande do Sul, Parana, and most of Mato Grosso do Sul. This moisture was excessive across Rio Grande do Sul, possibly reducing soyoil content, but favorable for filling soybeans elsewhere. In Mato Grosso and Goias, moderate showers (30-70 mm) slowed soybean harvesting. Temperatures throughout the main summer crop areas averaged 1-2 degrees C above normal. Southeastern Minas Gerais experienced high temperatures (3-4 degrees C above normal) and mostly dry weather, increasing moisture demands of coffee.



NORTHWESTERN AFRICA: Dry weather returned to winter grain areas in Morocco and Algeria. Light, scattered showers (2-12 mm) dampened winter grain areas in Tunisia. In most areas, significant rain from February 4-20 provided adequate to abundant moisture for winter grains in the vegetative stage. Therefore, this past week's dryness was of little concern. However, widespread rain is needed over the entire region in upcoming weeks as winter grains enter reproduction.

SOUTH AFRICA: Rainfall tapered off across the primary crop regions, with amounts totaling 1-15 mm in recently soaked areas of southwest Transvaal and Orange Free State. Temperatures still averaged 1-2 degrees C below normal, but the sunnier weather benefited filling corn and other crops. However, showery weather (rainfall totaling 10-66 mm) lingered in northern and eastern sections of the corn belt. The rain aided filling crops but was unwelcomed in recently flooded areas. Dry weather dominated Natal's sugarcane regions.



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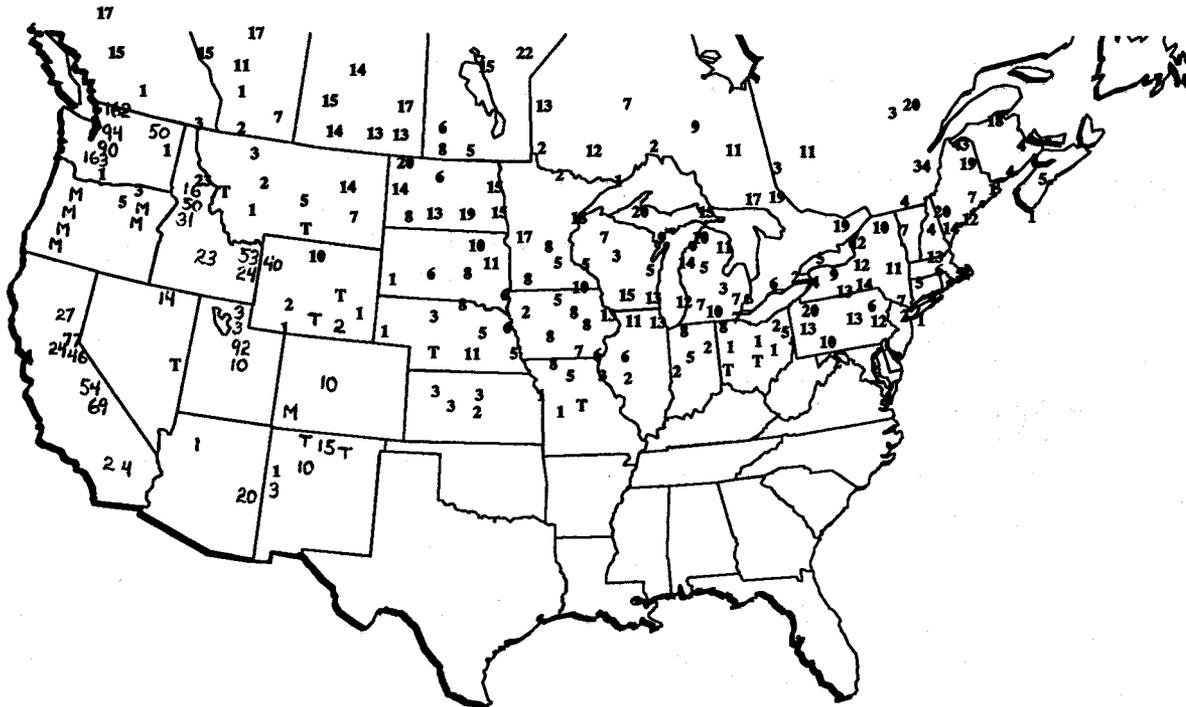
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Total Snow Cover (Inches) February 28, 1994



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