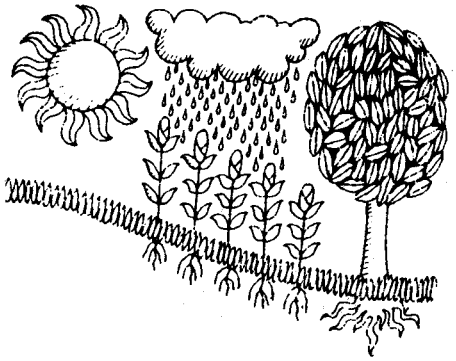
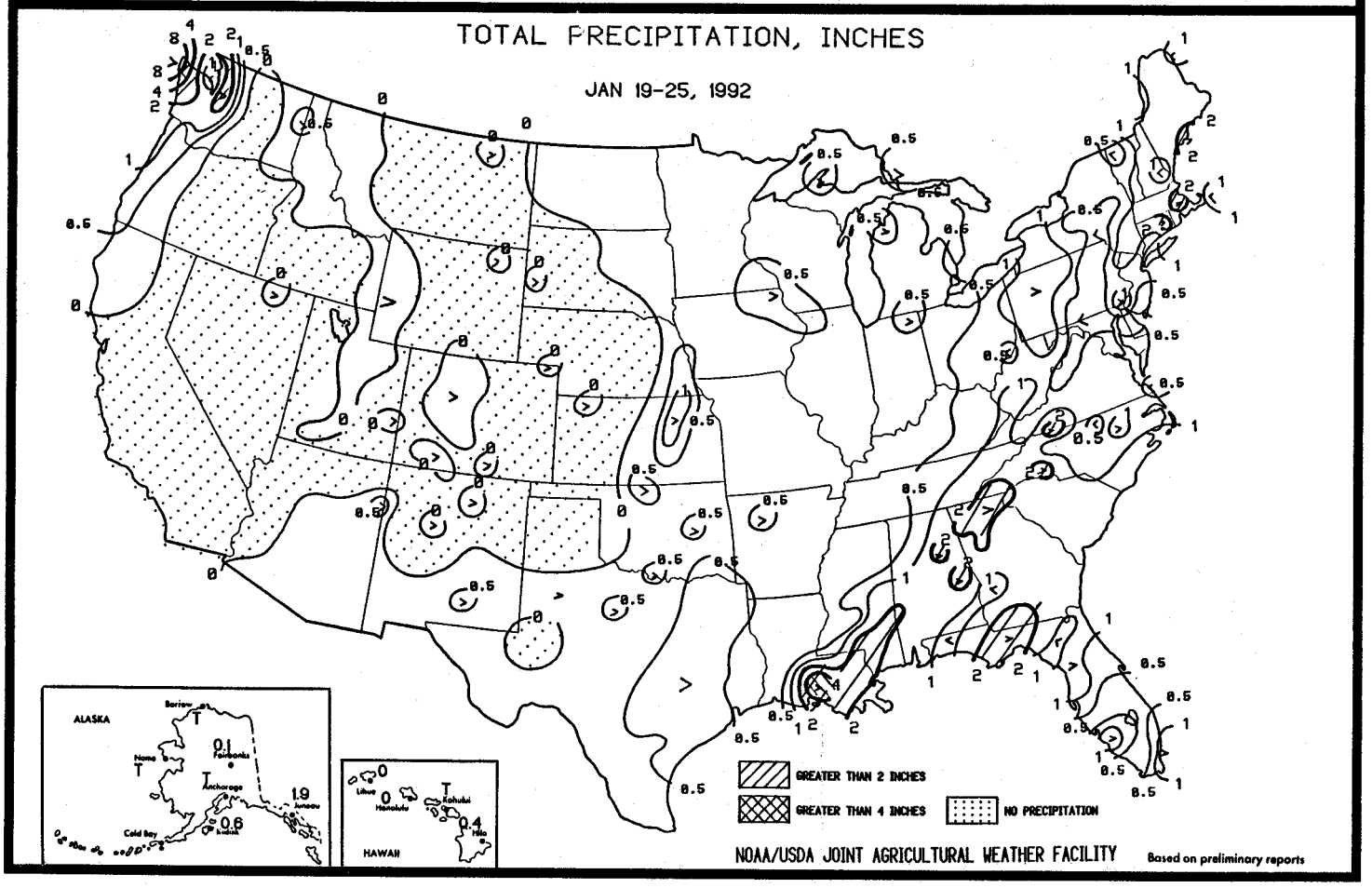


WEEKLY WEATHER AND CROP BULLETIN

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

Volume 79, No. 4 | Washington, D.C. | January 28, 1992



HIGHLIGHTS

January 19 - 25, 1992

Four fast-moving disturbances tore through the **Nation's northeastern quadrant**, depositing powdery snow. The third storm tapped subtropical moisture, soaking the **Eastern States.** Weekly temperature departures contrasted sharply, ranging from more than 10° F below normal in **northern Florida** to more than 20° F above normal in **northern Montana.** Early in the week, the Nation was dry except for thunderstorms in **Florida** and snow showers around the **Great Lakes.** Temperatures remained unseasonably low in the **East**, but soared in the **northern and central Plains. Miles City, MT** (56° F), and **Norfolk, NE** (62° F), were among the stations reporting daily record highs. At midweek, heavy rain developed in the **lower Mississippi Valley** and spread northeastward. Rainfall locally exceeded 2 inches in **coastal New England**, and from the **western Carolinas** to the **central Gulf coast.** Winds gusted to 74 mph in **Ocean City, NJ.** Meanwhile, heavy rain and high wind lashed the **coastal Pacific Northwest.** Weekly rainfall topped 8 inches in **northwestern Washington.** On Friday, winds increased between a low pressure center in the **northern Plains** and a high pressure center over **Utah.** Fierce westerly downslope winds gusted to 117 mph near **Rollinsville, CO**, 93 mph in **Boulder, CO**, and 75 mph near **Sheridan, WY.** Farther east, snowfall topped 4 inches in a narrow band along the storm's track from the **Dakotas** to the **Middle Atlantic coast.** At week's end, rain spread into **southern Texas**, but unusual dryness continued in **California**, where no significant rain has fallen since January 7.

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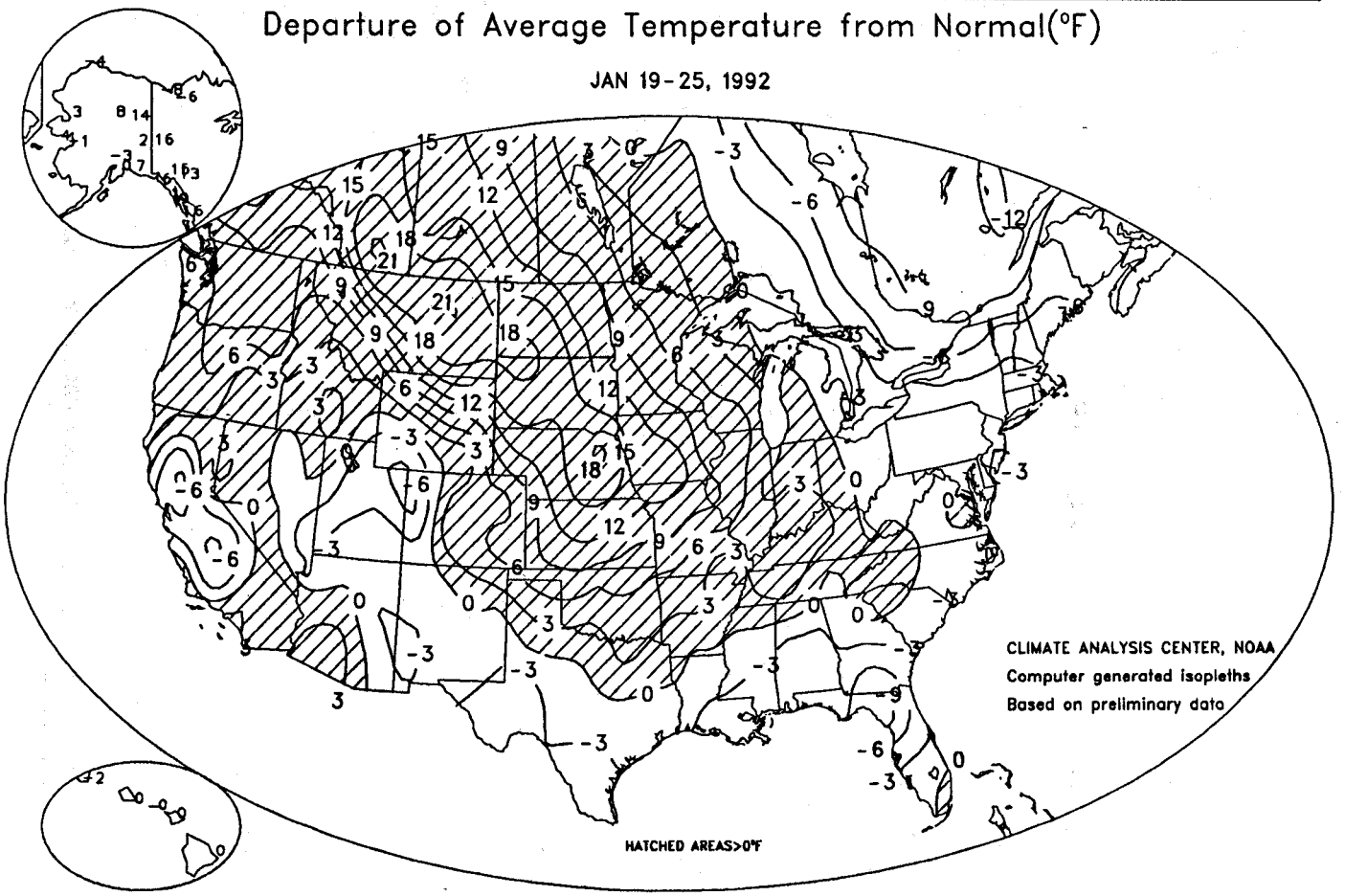
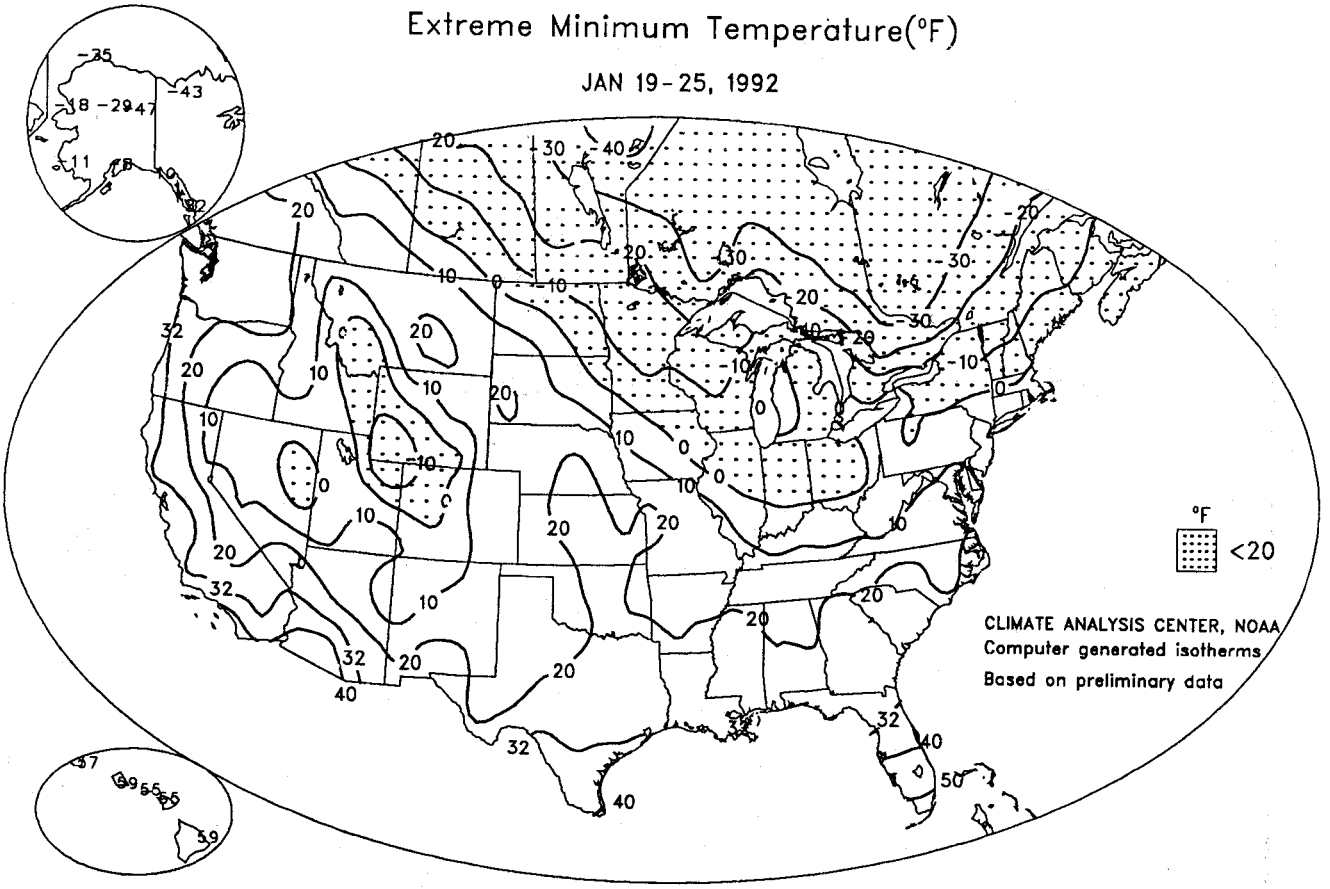

Departure of Average Temperature from Normal(°F)
JAN 19-25, 1992
CLIMATE ANALYSIS CENTER, NOAA
Computer generated isopleths
Based on preliminary data
HATCHED AREAS>0°F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JAN 19-25, 1992
°F
<20
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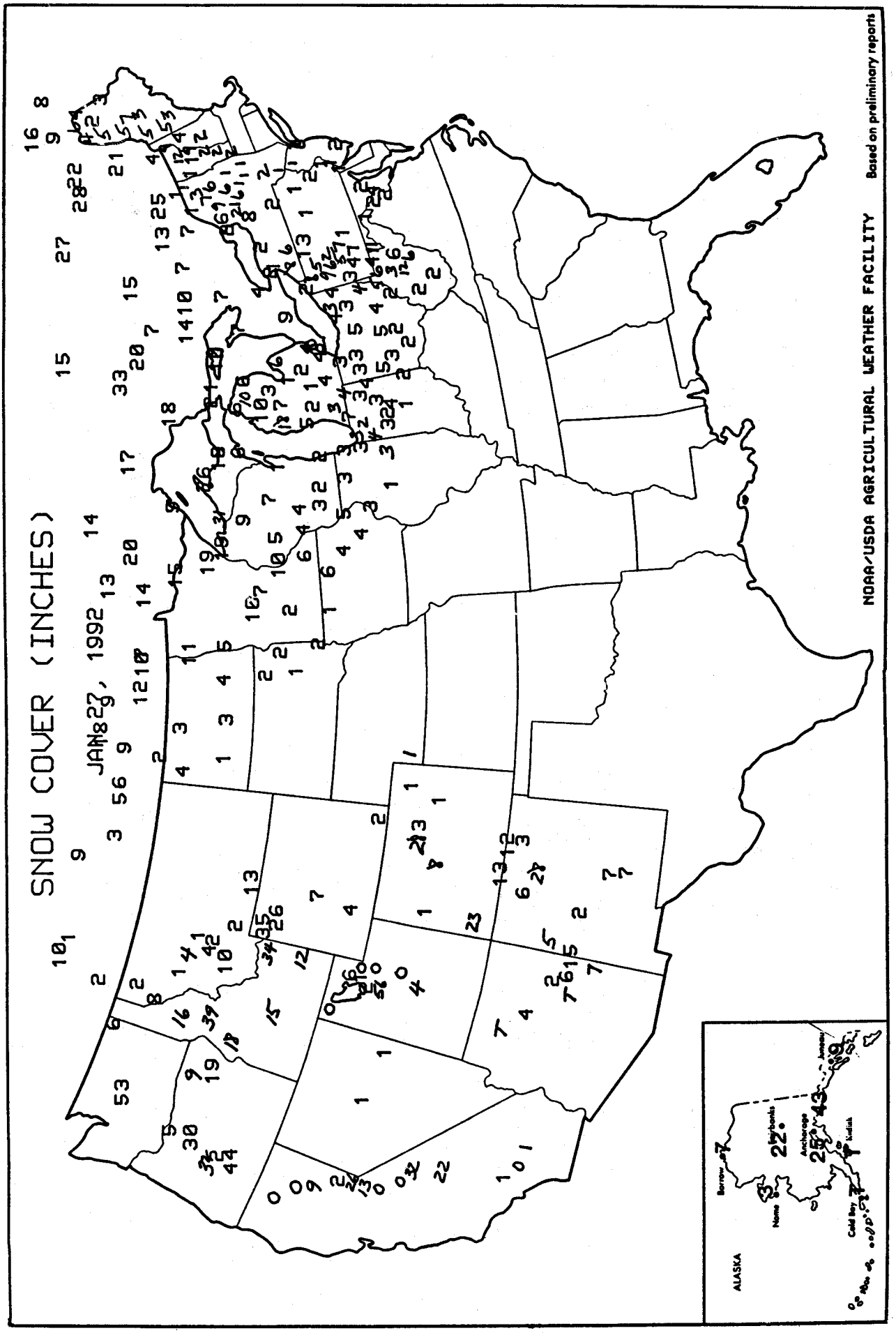
Computer generated isotherms
Based on preliminary data


SNOW COVER (INCHES)
JAN 27, 1992
NOAA/USDA AGRICULTURAL WEATHER FACILITY
Based on preliminary reports
ALASKA
Barrow
Nome
Fairbanks
Anchorage
Kodiak
Cold Bay
Juneau

National Weather Data for Selected Cities

Weather Data for the Week Ending January 25, 1992

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMP. °F		PRECIP.	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Dec 1	PCT. NORMAL SINCE Dec 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	54	27	64	18	40	-2	1.3	.1	1.0	6.3	68	2.6	62	90	34	0	5	2	1
MOBILE	60	33	68	25	47	-4	1.4	.5	1.4	11.7	128	8.6	232	94	37	0	3	2	1
MONTGOMERY	57	28	65	22	42	-5	2.0	1.1	1.1	11.9	145	6.3	187	93	37	0	6	3	2
AK ANCHORAGE	21	3	28	-3	12	-1	T	-.2	T	2.0	118	.2	26	94	71	0	7	1	0
BARROW	-14	-25	-7	-35	-20	-5	T	-.1	T	.1	21	T	20	78	71	0	7	0	0
FAIRBANKS	-2	-20	8	-32	-11	0	.1	.0	.1	1.5	125	.4	98	85	74	0	7	2	0
JUNEAU	36	29	44	23	32	10	2.1	1.3	1.1	15.2	200	6.2	207	98	77	0	4	4	2
KODIAK	38	29	40	23	34	4	.6	-.7	.3	14.7	144	8.9	190	94	67	0	5	4	0
NOME	18	3	27	-12	10	4	T	-.2	T	.8	66	.4	57	82	63	0	7	0	0
AZ PHOENIX	68	47	77	41	57	4	.1	-.1	.1	3.2	230	1.6	276	71	28	0	0	1	0
PRESCOTT	55	25	64	23	40	2	T	-.2	T	3.1	161	1.3	166	75	32	0	7	1	0
TUCSON	65	38	75	33	51	0	.3	.1	.3	2.7	167	1.2	183	83	32	0	0	1	0
YUMA	72	48	77	42	60	4	T	.0	T	1.1	176	.5	170	54	20	0	0	1	0
AR FORT SMITH	55	28	65	18	41	4	.2	-.2	.1	5.8	134	1.3	89	92	39	0	6	2	0
LITTLE ROCK	53	34	65	21	44	4	.2	-.7	.2	5.7	77	1.8	57	65	42	0	2	1	0
CA BAKERSFIELD	47	35	55	31	41	-8	.0	-.2	.0	1.9	134	1.5	201	98	69	0	1	0	0
EUREKA	61	42	72	39	52	4	.1	-1.5	.1	3.8	32	1.7	30	86	63	0	0	2	0
FRESNO	44	35	49	33	39	-7	T	-.5	T	3.2	98	1.9	118	96	75	0	0	0	0
LOS ANGELES	72	47	78	46	60	4	.0	-.7	.0	4.5	112	1.6	67	86	27	0	0	0	0
REDDING	51	32	59	27	42	-5	.1	-1.9	.1	7.7	55	2.6	38	100	57	0	2	2	0
SACRAMENTO	43	34	51	21	39	-7	T	-.9	T	2.6	42	1.0	31	99	77	0	1	0	0
SAN DIEGO	70	46	74	44	58	1	.0	-.5	.0	3.5	116	1.8	106	83	27	0	0	0	0
SAN FRANCISCO	50	39	54	36	45	-4	T	-1.1	T	4.6	63	1.9	50	95	67	0	0	0	0
CO DENVER	48	21	55	15	35	5	.0	-.1	.0	1.4	155	1.2	318	69	26	0	7	0	0
GRAND JUNCTION	32	4	37	-1	18	-8	.0	-.1	.0	.8	73	.2	49	87	49	0	7	0	0
PUEBLO	57	14	67	10	36	6	.0	-.1	.0	.6	114	T	20	75	16	0	7	0	0
CT BRIDGEPORT	35	20	54	9	27	-2	.9	.2	.8	6.2	97	1.9	72	71	47	0	7	5	1
HARTFORD	34	16	55	4	25	0	1.4	.7	1.4	5.6	79	2.6	91	75	37	0	7	1	1
DC WASHINGTON	43	25	56	14	34	-1	.5	-.2	.3	8.8	164	3.8	168	80	41	0	6	2	0
FL APALACHICOLA	61	37	70	29	49	-4	2.9	2.1	1.9	5.5	86	4.0	140	93	44	0	3	3	2
DAYTONA BEACH	64	43	74	33	53	-4	.7	.1	.4	3.5	87	2.0	109	95	46	0	0	2	0
JACKSONVILLE	62	36	72	29	49	-5	1.4	.7	.9	5.2	109	4.6	199	91	39	0	3	2	2
KEY WEST	74	64	79	57	69	-1	.2	-.2	.1	1.0	33	.3	21	91	71	0	0	3	0
MIAMI	76	59	83	50	67	0	1.5	1.1	1.5	1.9	55	1.7	104	90	59	0	0	2	1
ORLANDO	69	45	78	38	57	-3	.7	.2	.4	1.6	43	1.3	78	96	45	0	0	2	0
TALLAHASSEE	61	31	69	22	46	-5	2.8	1.8	1.7	6.3	76	4.7	125	95	35	0	5	3	3
TAMPA	67	46	79	37	57	-3	.9	.4	.6	2.1	55	1.4	86	92	48	0	0	2	1
WEST PALM BEACH	74	56	80	47	65	0	.7	.1	.6	2.9	65	1.5	69	92	57	0	0	2	1
GA ATLANTA	54	31	61	22	42	0	1.6	.5	1.4	6.1	75	3.4	86	77	34	0	5	3	1
AUGUSTA	57	28	67	20	43	-2	1.3	.4	.8	7.0	111	4.5	141	96	35	0	6	2	2
MACON	58	30	66	24	44	-3	1.1	.2	.8	9.2	122	5.5	160	96	38	0	6	2	1
SAVANNAH	58	35	66	26	47	-3	1.5	.7	1.0	7.0	133	5.2	210	86	34	0	3	2	1
HI HILO	79	63	83	59	71	-1	.4	-1.7	.4	16.6	82	1.5	21	84	52	0	0	1	0
HONOLULU	81	62	83	59	72	-1	.0	-.8	.0	1.5	23	.3	10	79	44	0	0	0	0
KAHULUI	80	62	83	56	71	0	T	-.9	T	3.9	64	2.4	73	82	48	0	0	0	0
LIHUE	76	60	81	57	68	-3	.0	-1.4	.0	7.9	74	.8	16	82	51	0	0	0	0
ID BOISE	40	22	55	13	31	1	T	-.4	T	.6	23	.3	19	94	54	0	7	0	0
LEWISTON	46	31	57	24	38	6	T	-.3	T	.8	31	.4	31	86	48	0	5	1	0
POCATELLO	40	12	52	-1	26	2	T	-.3	T	.5	25	.2	24	85	43	0	7	0	0
IL CHICAGO	34	17	41	-5	25	6	.4	.1	.2	4.5	120	.9	64	91	59	0	7	3	0
MOLINE	38	16	50	-9	27	8	.4	.1	.3	3.0	91	1.1	84	90	58	0	7	3	0
PEORIA	39	19	48	-4	29	7	.3	.0	.2	3.1	93	1.1	80	92	61	0	6	3	0
QUINCY	42	25	55	12	33	10	.2	-.1	.2	2.4	86	.5	41	86	51	0	6	2	0
ROCKFORD	35	14	43	-7	25	7	.5	.2	.3	2.9	94	1.1	91	88	61	0	7	3	0
SPRINGFIELD	40	24	51	6	32	9	.1	-.2	.1	2.4	70	1.0	77	89	60	0	6	2	0
IN EVANSVILLE	45	27	54	9	36	5	.1	-.6	.0	4.6	77	.8	33	87	48	0	5	2	0
FORT WAYNE	33	15	44	-8	24	1	.4	-.1	.2	3.7	90	1.7	98	91	65	0	7	4	0
INDIANAPOLIS	38	20	49	-6	29	3	.2	-.3	.1	2.4	47	.9	43	89	60	0	6	4	0
SOUTH BEND	34	16	47	-6	25	2	.5	-.1	.2	3.3	67	1.6	80	91	65	0	7	4	0
IA DES MOINES	43	20	58	6	32	14	.3	.1	.3	3.2	175	1.0	123	87	50	0	6	2	0
SIOUX CITY	45	20	57	12	32	16	.1	-.1	.1	1.5	117	.6	118	90	49	0	6	2	0
WATERLOO	35	12	43	-3	23	9	.5	.4	.3	2.6	146	1.1	163	92	64	0	7	4	0
KS CONCORDIA	50	28	55	21	39	14	T	-.1	T	2.4	200	.7	149	83	35	0	6	1	0
DODGE CITY	54	26	62	20	40	11	.0	-.1	.0	2.5	292	.4	115	79	24	0	6	0	0
GOODLAND	45	24	56	20	35	7	.0	-.1	.0	1.6	231	.2	77	77	45	0	7	0	0
TOPEKA	49	25	57	17	37	11	.5	.3	.5	3.3	167	.9	124	90	44	0	6	1	0
WICHITA	50	28	56	22	39	9	.6	.4	.5	2.7	180	.7	124	86	45	0	6	2	1
KY BOWLING GREEN	49	26	59	11	38	4	.3	-.7	.3	9.3	112	2.2	59	87	44	0	6	2	0
LEXINGTON	44	25	56	5	34	3	.5	-.2	.5	10.5	157	3.3	113	82	44	0	6	3	0
LOUISVILLE	47	27	59	8	37	5	.1	-.7	.1	7.1	114	1.8	68	78	39	0	5	3	0
LA ALEXANDRIA	59	35	68	26	47	-2	T	-1.0	T	12.6	148	5.6	154	91	36	0	4	1	0
BATON ROUGE	61	36	70	26	48	-2	1.6	.6	1.6	10.1	117	7.8	211	89	34	0	3	2	1
LAKE CHARLES	60	37	68	27	49	-1	.3	-.7	.3	11.4	129	9.3	245	98	44	0	2	1	0
NEW ORLEANS	60	38	72	27	49	-3	2.3	1.2	2.3	10.8	117	8.2	206	91	41	0	2	2	1

Based on 1951-80 normals.

Weather Data for the Week Ending January 25, 1992

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMP. °F		PRECIP.	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Dec 1	PCT. NORMAL SINCE Dec 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
SHREVEPORT	60	33	69	24	46	0	.4	-.5	.3	10.9	152	3.4	103	86	31	0	4	2	0
ME CARIBOU	14	-5	45	-15	4	-6	.7	.2	.6	5.3	105	3.3	168	78	47	0	7	2	1
PORTLAND	29	9	50	-1	19	-2	2.0	1.2	2.0	8.9	117	4.8	156	78	42	0	7	2	1
MD BALTIMORE	40	20	53	9	30	-3	.3	-.4	.3	5.0	85	.9	36	84	43	0	6	1	0
SALISBURY	45	21	60	7	33	-2	.5	-.2	.5	6.1	94	1.9	67	89	42	0	6	1	1
MA BOSTON	34	18	57	7	26	-3	1.2	.3	1.2	5.7	74	3.1	95	69	40	0	7	2	1
CHATHAM	32	19	49	9	26	-5	1.0	.0	.5	4.9	58	1.8	50	75	55	0	7	3	1
MI ALPENA	27	6	39	0	16	-1	.1	-.3	.1	3.0	89	1.5	109	90	57	0	7	4	0
DETROIT	30	14	39	-3	22	-1	.3	-.1	.1	3.6	90	1.7	113	87	60	0	7	6	0
FLINT	28	9	40	-6	18	-3	.3	-.1	.1	3.2	98	1.0	81	90	65	0	7	4	0
GRAND RAPIDS	31	16	40	7	23	1	.5	.1	.2	4.1	96	1.4	87	93	63	0	7	5	0
HOUGHTON LAKE	25	9	36	-10	17	0	.2	-.2	.1	3.0	96	1.2	101	88	61	0	7	4	0
LANSING	29	11	39	-3	20	0	.1	-.2	.0	3.4	89	1.3	91	93	62	0	7	4	0
MARQUETTE	23	-1	32	-14	11	-1	.3	-.2	.2	2.4	59	.9	56	90	79	0	7	5	0
MUSKEGON	32	17	42	11	25	2	.4	-.1	.2	3.1	69	1.3	68	93	66	0	7	5	0
SAULT ST. MARIE	20	-1	34	-10	10	-3	.6	.1	.3	4.9	113	2.4	133	90	67	0	7	6	0
MN ALEXANDRIA	24	4	35	-11	14	9	.5	.3	.4	1.6	108	.9	136	91	66	0	7	2	0
DULUTH	22	1	30	-12	11	5	.1	-.2	.1	1.1	51	.5	54	86	58	0	7	2	0
INT'L FALLS	20	-8	32	-21	6	6	.1	-.1	.1	1.5	95	.6	83	89	61	0	7	2	0
MINNEAPOLIS	29	8	36	-6	18	8	.2	.1	.1	1.7	115	.7	100	88	57	0	7	2	0
ROCHESTER	28	10	35	-6	19	10	.6	.4	.4	2.5	160	1.0	152	92	71	0	7	3	0
MS GREENWOOD	53	30	64	20	42	-2	.1	-1.0	.1	9.6	99	1.2	28	94	42	0	4	1	0
JACKSON	57	30	66	21	44	-2	.4	-.7	.4	8.6	91	3.3	81	95	38	0	5	1	0
MERIDIAN	57	29	66	22	43	-2	1.3	.2	1.3	11.2	115	4.4	106	92	38	0	5	1	1
MO CAPE GIRARDEAU	46	29	56	14	38	--	.1	-.5	.1	7.4	121	2.3	99	86	49	0	6	1	0
COLUMBIA	45	27	58	14	36	8	.2	-.2	.2	3.2	95	.5	37	83	44	0	6	1	0
KANSAS CITY	47	26	55	20	37	9	.3	.0	.3	3.3	135	1.2	123	82	46	0	6	1	0
SAINT LOUIS	47	30	58	14	38	10	.1	-.3	.1	3.2	89	1.1	77	76	41	0	4	2	0
SPRINGFIELD	49	27	58	16	38	6	.3	-.1	.3	4.3	112	.9	69	82	45	0	6	2	0
MT BILLINGS	49	28	59	23	38	17	T	-.2	T	.4	26	.1	11	60	24	0	7	0	0
GLASGOW	41	19	51	13	30	22	.2	.1	.2	.4	67	.3	87	79	50	0	7	1	0
GREAT FALLS	46	28	55	20	37	17	T	-.2	T	.6	36	.5	61	65	38	0	7	0	0
HAVRE	45	24	54	18	35	23	T	-.1	T	T	3	T	0	73	41	0	7	0	0
HELENA	35	13	47	-9	24	6	T	-.1	T	1.1	91	.3	48	84	52	0	7	0	0
KALISPELL	35	20	47	10	27	8	.4	.0	.3	1.6	55	1.0	71	95	70	0	7	3	0
MILES CITY	50	25	57	18	37	23	T	-.1	T	.1	13	.1	14	74	29	0	6	0	0
MISSOULA	33	16	47	2	25	3	.1	-.2	.0	1.3	57	.4	35	94	63	0	7	2	0
NE GRAND ISLAND	50	26	58	23	38	17	T	-.1	T	3.5	333	1.4	359	83	34	0	6	0	0
LINCOLN	48	23	59	16	36	16	.4	.2	.4	3.4	291	1.3	266	88	44	0	6	1	0
NORFOLK	50	21	62	14	35	18	T	-.1	T	1.4	141	.6	159	86	38	0	7	0	0
NORTH PLATTE	48	22	55	17	35	13	.0	-.1	.0	1.6	223	.9	297	91	34	0	7	0	0
OMAHA	45	24	56	14	34	14	.5	.3	.5	3.0	221	1.3	220	81	56	0	6	1	1
SCOTTSBLUFF	48	19	55	14	33	9	.0	-.1	.0	.8	97	.8	219	79	29	0	7	0	0
VALENTINE	42	21	49	16	32	14	T	-.1	T	.6	107	.6	295	88	51	0	7	0	0
NV ELY	46	5	55	-5	25	0	.0	-.2	.0	.8	61	.5	88	75	28	0	7	0	0
LAS VEGAS	60	33	62	31	47	1	.0	-.1	.0	.7	103	.5	115	55	19	0	2	0	0
RENO	53	19	61	14	36	4	.0	-.3	.0	1.0	47	.1	13	81	20	0	6	0	0
WINNEMUCCA	49	16	56	10	33	2	.0	-.2	.0	.7	47	.1	13	84	30	0	7	0	0
NH CONCORD	29	4	51	-7	16	-3	.9	.3	.9	5.6	98	2.0	87	86	45	0	7	1	1
NJ ATLANTIC CITY	40	17	57	3	29	-3	.5	-.3	.4	4.7	73	.9	34	90	45	0	6	3	0
NM ALBUQUERQUE	43	22	53	11	33	-3	T	-.1	T	3.7	456	2.1	690	74	38	0	7	2	0
CLOVIS	50	24	59	14	37	0	T	-.1	T	4.3	452	1.5	395	85	34	0	7	0	0
ROSWELL	55	25	63	19	40	1	.1	.0	.1	3.5	529	.9	287	83	29	0	7	1	0
NY ALBANY	28	10	46	-3	19	-2	.7	.2	.6	4.7	96	1.8	94	88	46	0	7	4	1
BINGHAMTON	28	13	42	-2	20	-1	.4	-.2	.2	4.4	88	1.6	77	86	55	0	7	5	0
BUFFALO	28	16	43	3	22	-1	1.1	.5	.7	5.8	99	2.0	82	93	61	0	6	6	1
NEW YORK	38	24	57	12	31	-1	.6	-.1	.5	4.9	78	1.4	54	80	43	0	5	4	0
ROCHESTER	29	15	43	2	22	-1	.5	.0	.3	4.3	97	1.4	76	91	61	0	6	4	0
SYRACUSE	29	12	42	-1	20	-2	.6	.1	.4	5.7	107	2.6	122	90	57	0	6	6	0
NC ASHEVILLE	51	25	61	17	38	2	1.3	.6	1.3	8.0	139	3.1	121	77	29	0	6	1	1
CHARLOTTE	55	31	64	24	43	3	1.1	.2	1.1	6.1	94	3.1	101	72	25	0	5	1	1
GREENSBORO	52	25	62	19	39	1	.9	.2	.9	6.3	102	3.5	123	73	30	0	6	1	1
HATTERAS	56	38	71	30	47	2	1.0	-.1	.9	8.4	101	4.0	101	88	42	0	3	2	1
NEW BERN	56	29	67	19	43	-1	1.2	.3	1.2	9.0	130	6.2	191	90	31	0	5	1	1
RALEIGH	55	27	66	22	41	1	.3	-.5	.3	6.1	102	3.5	122	73	29	0	6	1	0
WILMINGTON	56	30	67	20	43	-3	1.5	.6	1.2	6.5	102	4.3	147	88	39	0	5	2	1
ND BISMARCK	35	13	48	9	24	18	.2	.1	.2	.5	53	.3	79	89	56	0	7	2	0
FARGO	25	4	37	-10	14	10	.1	-.1	.1	1.3	118	.9	202	93	68	0	7	2	0
GRAND FORKS	21	2	37	-9	12	10	T	-.2	T	.9	74	.6	97	90	67	0	7	2	0
WILLISTON	33	13	45	4	23	16	.4	.3	.3	.7	76	.5	126	89	59	0	7	2	0
OH AKRON-CANTON	31	15	43	0	23	-2	1.0	.5	.5	5.2	109	1.8	88	92	63	0	7	6	1
CINCINNATI	41	22	55	-1	32	3	.4	-.3	.2	7.7	139	2.6	102	89	54	0	6	4	0
CLEVELAND	33	16	43	0	24	-1	.5	.0	.3	5.4	114	3.2	158	92	61	0	7	6	0
COLUMBUS	37	18	49	-3	28	1	.8	.2	.5	5.2	108	1.4	62	90	56	0	7	5	0

Based on 1951-80 normals.

Weather Data for the Week Ending January 25, 1992

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMP. °F		PRECIP.	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTRME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Dec 1	PCT. NORMAL SINCE Dec 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	36	17	49	-4	27	0	.4	-.2	.3	5.9	129	2.2	107	90	60	0	7	4	0
TOLEDO	32	16	41	-2	24	1	.3	-.1	.2	3.1	73	1.6	96	89	60	0	7	3	0
YOUNGSTOWN	30	16	43	2	23	-1	1.2	.6	.6	4.5	90	1.9	89	91	61	0	7	4	1
OK OKLAHOMA CITY	54	31	61	22	43	7	.1	-.1	.1	6.9	353	1.5	191	86	36	0	4	1	0
TULSA	55	31	59	21	43	8	.3	-.1	.2	5.5	190	.9	85	80	38	0	4	2	0
OR ASTORIA	53	40	55	34	47	5	1.3	-1.0	.5	11.2	55	4.6	52	92	65	0	0	6	1
BURNS	40	14	47	3	27	-1	.0	-.3	.0	.2	8	.1	6	91	48	0	7	0	0
MEDFORD	55	28	62	21	41	3	.1	-.7	.1	1.7	27	.6	22	95	43	0	5	2	0
PENDLETON	46	35	57	26	40	8	T	-.4	T	1.0	33	.3	22	78	48	0	4	0	0
PORTLAND	53	39	60	29	46	6	.6	-.8	.3	6.8	59	2.5	48	91	55	0	2	4	0
SALEM	53	35	60	22	44	5	.7	-.8	.3	6.7	52	3.0	51	90	57	0	2	5	0
PA ALLENTOWN	37	19	57	6	28	1	.9	.2	.8	5.2	81	1.7	62	85	45	0	6	2	1
ERIE	31	19	44	10	25	1	.7	.2	.5	5.6	107	2.4	121	90	56	0	7	5	0
HARRISBURG	35	21	43	10	28	-2	.3	-.3	.3	5.0	88	2.1	87	75	45	0	6	1	0
PHILADELPHIA	40	22	58	11	31	0	.5	-.2	.4	4.7	78	.8	31	83	41	0	6	3	0
PITTSBURGH	33	17	44	-1	25	-2	1.2	.6	.9	5.6	114	1.9	82	92	57	0	6	4	1
SCRANTON	32	16	49	3	24	-1	.4	-.1	.3	3.9	91	1.2	66	89	50	0	7	5	0
RI PROVIDENCE	35	17	56	8	26	-2	2.4	1.5	2.4	8.0	103	4.8	145	76	39	0	7	1	1
SC CHARLESTON	58	35	66	26	46	-1	1.4	.6	.7	5.8	100	4.2	156	81	34	0	3	2	2
COLUMBIA	57	30	67	23	44	-1	1.1	.1	.7	5.8	82	3.1	89	93	33	0	6	2	1
FLORENCE	56	30	69	22	43	-2	1.0	.2	.7	5.1	87	3.1	108	87	36	0	6	2	1
GREENVILLE	56	27	64	20	42	1	1.4	.5	1.4	5.3	71	2.4	69	83	24	0	6	1	1
SD ABERDEEN	33	8	42	1	20	13	.1	.0	.1	.8	90	.7	169	93	66	0	7	1	0
HURON	37	13	49	6	25	15	.1	.0	.1	.8	99	.7	237	90	56	0	7	1	0
RAPID CITY	51	26	58	21	39	18	T	-.1	T	.3	44	.3	93	66	25	0	7	0	0
SIOUX FALLS	39	15	50	7	27	15	.2	.1	.2	1.0	86	.8	192	94	57	0	7	1	0
TN CHATTANOOGA	53	26	62	19	40	1	1.1	-.1	.6	12.3	131	4.2	100	86	30	0	6	2	1
KNOXVILLE	50	26	58	19	38	0	1.5	.4	1.1	14.1	169	3.9	102	78	33	0	6	2	1
MEMPHIS	53	32	65	19	43	3	.1	-1.0	.1	8.9	103	1.7	46	81	40	0	3	1	0
NASHVILLE	51	28	62	14	40	3	.8	-.2	.7	10.2	124	3.0	81	85	46	0	5	2	1
TX ABILENE	53	31	60	18	42	-1	.2	.0	.2	7.4	449	1.1	144	78	35	0	4	1	0
AMARILLO	55	23	64	15	39	4	.0	-.1	.0	2.9	324	.6	156	83	22	0	7	0	0
AUSTIN	60	37	72	29	49	0	.7	.3	.6	17.2	525	3.1	249	88	40	0	1	2	1
BEAUMONT	62	38	71	28	50	-2	.2	-.7	.2	22.6	275	11.0	335	95	43	0	1	1	0
BROWNSVILLE	65	48	78	40	57	-4	.2	-.1	.2	3.5	168	2.3	243	93	57	0	0	1	0
CORPUS CHRISTI	63	44	70	37	54	-1	.6	.2	.6	13.8	551	4.0	311	92	51	0	0	2	1
DEL RIO	61	38	73	33	49	-2	.5	.3	.5	4.1	431	1.0	251	74	34	0	0	1	0
EL PASO	56	32	61	24	44	-1	.1	.1	.1	4.2	641	.9	313	80	32	0	4	2	0
FORT WORTH	58	35	66	27	47	3	.4	.0	.4	10.5	336	1.7	124	88	40	0	2	1	0
GALVESTON	59	44	69	36	52	-1	.4	-.2	.4	9.7	161	7.4	300	86	50	0	0	1	0
HOUSTON	62	36	72	28	49	-3	.3	-.5	.3	15.5	235	6.2	220	91	36	0	3	1	0
LUBBOCK	52	26	61	11	39	0	T	-.1	T	3.1	473	.9	293	88	38	0	6	1	0
MIDLAND	54	24	59	10	39	-5	T	-.1	T	3.4	454	1.1	373	85	35	0	6	0	0
SAN ANGELO	58	31	62	25	45	-1	.2	.1	.2	4.7	423	.8	155	88	39	0	4	2	0
SAN ANTONIO	60	37	72	29	49	-2	.6	.3	.4	17.1	671	3.1	262	92	40	0	1	2	0
VICTORIA	62	41	72	32	52	0	.6	.2	.4	9.8	271	3.6	242	92	46	0	1	2	0
WACO	59	36	69	32	48	2	.7	.3	.7	10.9	339	2.5	189	92	41	0	2	1	1
WICHITA FALLS	53	29	64	14	41	1	.2	.0	.2	8.6	446	1.7	227	88	43	0	4	1	0
UT CEDAR CITY	45	14	55	6	29	-1	.0	-.1	.0	.8	69	.4	88	85	40	0	7	0	0
SALT LAKE CITY	34	12	44	1	23	-6	T	-.3	T	1.2	47	.8	69	94	62	0	7	0	0
VT BURLINGTON	23	1	41	-13	12	-4	.3	-.1	.3	2.9	75	1.6	105	85	49	0	7	3	0
VA NORFOLK	50	28	63	19	39	-1	.4	-.5	.4	6.1	100	3.7	123	81	41	0	5	1	0
RICHMOND	50	24	64	16	37	0	.5	-.2	.5	6.1	102	1.6	60	78	39	0	6	1	1
ROANOKE	46	26	62	18	36	1	.5	-.1	.5	5.1	98	2.6	113	67	35	0	6	2	0
WA QUILLAYUTE	52	41	57	29	46	8	8.8	5.8	4.4	26.3	90	15.6	132	98	64	0	1	6	3
SEATTLE-TACOMA	52	39	56	32	46	6	1.5	.2	1.1	8.9	79	3.5	71	92	53	0	1	6	1
SPOKANE	37	26	47	18	32	6	.5	.0	.4	2.5	55	1.3	62	97	71	0	5	5	0
YAKIMA	45	30	56	25	38	9	T	-.3	T	1.5	61	.2	19	93	56	0	6	0	0
WV BECKLEY	41	21	52	6	31	1	1.1	.3	.9	7.8	133	1.4	51	83	43	0	6	3	1
CHARLESTON	42	22	56	6	32	-1	.9	.1	.7	7.3	120	1.3	47	89	42	0	6	4	1
HUNTINGTON	44	22	57	5	33	0	.8	.1	.7	6.9	120	1.6	60	87	41	0	6	4	1
PARKERSBURG	38	19	51	1	29	-2	.4	-.3	.2	6.3	125	1.2	51	95	50	0	7	4	0
WI GREEN BAY	25	9	36	-5	17	3	.2	-.1	.1	2.1	87	.7	68	89	64	0	7	4	0
LACROSSE	29	12	37	-3	21	7	.5	.3	.3	2.5	132	.8	101	88	61	0	7	2	0
MADISON	32	13	41	-3	22	7	.4	.2	.2	2.5	103	.8	87	86	57	0	7	3	0
MILWAUKEE	32	16	42	-1	24	5	.3	.0	.2	3.0	90	1.1	81	84	58	0	7	3	0
WAUSAU	24	4	34	-13	14	3	.2	.0	.1	1.9	92	.5	61	92	71	0	7	3	0
WY CASPER	40	21	48	12	30	8	.0	-.1	.0	.5	59	.2	44	59	33	0	7	0	0
CHEYENNE	42	21	49	16	32	5	.0	-.1	.0	.5	70	.3	113	58	32	0	6	0	0
LANDER	34	9	49	-2	22	2	.0	-.1	.0	.8	86	.5	128	79	41	0	7	0	0
SHERIDAN	45	25	51	22	35	15	.0	-.2	.0	.7	52	.1	22	72	38	0	7	0	0

Based on 1951-80 normals.

CORRECTION: A few extreme low temperatures were listed incorrectly in last week's "National Weather Data for Selected Cities." Some of the stations in the following States were affected: CA, IL, IN, KY, MO, OH, VA, and WV.

HEATING DEGREE DAYS (Base 65° F)
January 19 - 25, 1992

(Cumulative totals and departures from normal are for the period July 1, 1991 - January 25, 1992)

STATES AND STATIONS	WEEKLY TOTAL	WEEKLY DEPARTURE	CUMULATIVE TOTAL	CUMULATIVE DEPARTURE	CUMULATIVE DEP fm 90-91
AL BIRMINGHAM	170	16	1624	-62	217
MOBILE	128	23	1136	107	323
MONTGOMERY	157	24	1409	50	291
AK ANCHORAGE	370	9	5526	-603	-705
BARROW	587	30	10793	172	294
FAIRBANKS	528	-13	7867	-508	-201
JUNEAU	227	-77	4365	-679	-609
KODIAK	217	-14	4415	-277	-243
NOME	379	-34	6862	-705	-321
AZ FLAGSTAFF	242	-17	3503	-265	-162
PHOENIX	53	-35	616	-248	-14
PRESCOTT	174	-29	2409	-180	-94
TUCSON	94	-4	940	-48	60
WINSLOW	251	23	3001	218	-8
YUMA	33	-30	415	-199	-99
AR FORT SMITH	164	-29	1892	-151	-105
LITTLE ROCK	147	-28	1745	-118	-35
CA BAKERSFIELD	165	51	1382	112	-13
EUREKA	92	-31	2172	-303	-67
FRESNO	179	47	1481	-73	-42
LOS ANGELES	37	-26	472	-266	-30
REDDING	168	33	1426	-83	-120
SACRAMENTO	184	50	1460	-91	-69
SAN DIEGO	32	-24	423	-185	-115
SAN FRANCISCO	139	26	1316	-328	00
STOCKTON	187	52	1499	-40	-29
CO DENVER	211	-38	3319	84	136
GRAND JUNCTION	330	56	3492	199	-162
PUEBLO	205	-40	3199	133	90
CT BRIDGEPORT	261	9	2576	-183	145
HARTFORD	278	-2	3032	-279	177
DE WILMINGTON	239	1	2367	-292	82
DC WASHINGTON	216	6	2050	-203	160
FL APALACHICOLA	113	20	863	42	319
DAYTONA BEACH	82	19	461	-41	217
FORT MYERS	24	-11	153	-99	99
JACKSONVILLE	111	20	837	-8	275
KEY WEST	1	-13	12	-48	09
MIAMI	7	-14	48	-56	41
ORLANDO	59	10	336	-40	169
TALLAHASSEE	130	32	1030	43	318
TAMPA	60	6	355	-63	197
WEST PALM BEACH	18	-3	109	-26	78
GA ATLANTA	156	-5	1546	-200	132
AUGUSTA	154	12	1449	-63	196
MACON	147	12	1331	-31	158
SAVANNAH	127	12	1019	-140	202
ID BOISE	236	-7	3137	-97	-482
LEWISTON	185	-44	2749	-323	80
POCATELLO	271	-15	3861	-27	-176
IL CHICAGO	276	-32	3405	-51	47
MOLINE	264	-58	3387	-181	-145
PEORIA	253	-55	3249	-183	-69
QUINCY	220	-73	3053	-148	-37
ROCKFORD	281	-48	3614	-172	-105
SPRINGFIELD	227	-59	2961	-157	-48
IN EVANSVILLE	204	-40	2503	-166	92
FORT WAYNE	286	-8	3202	-191	120
INDIANAPOLIS	250	-26	2868	-235	35
SOUTH BEND	278	-17	3253	-137	121
IA DES MOINES	230	-98	3486	-125	-106
DUBUQUE	294	-55	3927	-102	-57
SIOUX CITY	226	-118	3721	-159	-157
WATERLOO	289	-71	3953	-200	-142
KS CONCORDIA	178	-105	2908	-220	-123
DODGE CITY	172	-78	2777	-56	-58
GOODLAND	212	-53	3230	-113	-18
TOPEKA	192	-81	2726	-295	-120
WICHITA	182	-67	2540	-178	-149
KY BOWLING GREEN	191	-28	2279	-165	158
LEXINGTON	211	-27	2483	-181	147
LOUISVILLE	195	-36	2256	-271	91
LA ALEXANDRIA	125	1	1166	-14	-7
BATON ROUGE	113	8	1000	-21	91
LAKE CHARLES	113	10	971	13	36

STATES AND STATIONS	WEEKLY TOTAL	WEEKLY DEPARTURE	CUMULATIVE TOTAL	CUMULATIVE DEPARTURE	CUMULATIVE DEP fm 90-91
NEW ORLEANS	109	11	962	66	222
SHREVEPORT	128	-6	1333	-24	-42
ME CARIBOU	421	36	5006	-125	100
PORTLAND	319	11	3656	-234	312
MD BALTIMORE	245	14	2436	-108	257
SALISBURY	223	13	2184	-168	179
MA BOSTON	271	20	2739	-122	247
CHATHAM	275	37	2648	-229	199
MI ALPENA	339	3	4134	-186	98
DETROIT	301	7	3208	-276	101
FLINT	324	16	3570	-124	53
GRAND RAPIDS	292	-14	3549	-92	116
HOUGHTON LAKE	336	-5	4102	-234	-14
LANSING	314	6	3656	-21	115
MARQUETTE	377	3	5038	28	29
MUSKEGON	282	-13	3431	-139	73
SAULT ST MARIE	386	22	4622	-174	-11
MN ALEXANDRIA	355	-65	4842	-162	63
DULUTH	374	-39	5311	-16	102
INT'L FALLS	411	-46	5587	-244	-48
MINNEAPOLIS	325	-55	4436	38	179
ROCHESTER	319	-64	4562	43	124
SAINT CLOUD	366	-44	4867	-56	64
MS GREENWOOD	163	6	1511	-115	98
JACKSON	149	8	1389	-30	118
MERIDIAN	151	8	1401	-85	216
MO CAPE GIRARDEAU	190	-41	2295	-222	-34
COLUMBIA	202	-63	2756	-148	-11
KANSAS CITY	197	-78	2848	-118	-44
SAINT LOUIS	185	-70	2440	-335	-25
SPRINGFIELD	190	-47	2447	-171	-22
MT BILLINGS	184	-127	3492	-435	-300
GLASGOW	243	-159	4275	-638	-587
GREAT FALLS	198	-128	3667	-543	-513
HAVRE	211	-171	4106	-700	-560
HELENA	284	-45	4321	-196	120
KALISPELL	261	-59	4266	-412	-265
MILES CITY	192	-168	3767	-626	-488
MISSOULA	282	-23	4059	-326	-199
NE GRAND ISLAND	187	-126	3329	-309	-146
LINCOLN	204	-116	3230	-342	-162
NORFOLK	206	-130	3584	-332	-213
NORTH PLATTE	208	-99	3473	-371	-233
OMAHA	213	-103	3383	-97	-182
SCOTTSBLUFF	221	-64	3527	-173	-199
VALENTINE	231	-95	3852	-175	-204
NV ELY	277	-7	3922	-164	-96
LAS VEGAS	129	-10	1420	-117	-100
RENO	199	-27	2701	-604	-430
WINNEMUCCA	226	-17	3214	-310	-583
NH CONCORD	339	20	3737	-248	172
NJ ATLANTIC CITY	252	17	2498	-141	136
NM ALBUQUERQUE	223	14	2542	-16	12
CLOVIS	193	-3	2544	219	325
ROSWELL	173	8	2159	235	360
NY ALBANY	319	9	3465	-217	191
BINGHAMTON	312	4	3486	-345	-38
BUFFALO	298	4	3296	-198	179
NEW YORK	237	0	2205	-335	152
ROCHESTER	301	7	3402	-60	172
SYRACUSE	311	11	3373	-141	118
NC ASHEVILLE	186	-11	2194	-209	181
CAPE HATTERAS	126	-14	1103	-253	121
CHARLOTTE	151	-19	1577	-338	104
GREENSBORO	183	-11	1916	-272	146
NEW BERN	156	2	1373	-237	151
RALEIGH-DURHAM	168	-11	1755	-241	164
WILMINGTON	153	9	1329	-74	264
ND BISMARCK	286	-126	4533	-475	-425
FARGO	354	-74	4873	-247	11
GRAND FORKS	372	-72	5096	-318	-66
WILLISTON	295	-117	4578	-539	-427
OH AKRON-CANTON	290	7	3143	-160	189
CLEVELAND	284	4	2980	-253	85
COLUMBUS	257	-11	2821	-270	136

STATES AND STATIONS	WEEKLY TOTAL	WEEKLY DEPARTURE	CUMULATIVE TOTAL	CUMULATIVE DEPARTURE	CUMULATIVE DEP fm 90-91
CINCINNATI	233	-23	2705	-182	196
DAYTON	266	-7	2978	-110	189
TOLEDO	288	-7	3180	-330	56
YOUNGSTOWN	292	4	3192	-264	186
OK OKLAHOMA CITY	156	-47	2019	-137	-69
TULSA	152	-58	1926	-244	-79
OR ASTORIA	128	-40	2542	-166	-65
BURNS	263	6	3757	-52	-500
MEDFORD	167	-21	2242	-393	-454
PENDLETON	171	-54	2748	-225	-297
PORTLAND	133	-49	2063	-458	-330
SALEM	143	-37	2214	-410	-322
PA ALLENTOWN	257	-9	2787	-329	25
ERIE	276	-11	2941	-476	154
HARRISBURG	260	8	2630	-251	79
PHILADELPHIA	236	-2	2297	-344	143
PITTSBURGH	278	5	2918	-287	185
SCRANTON	284	4	3123	-254	154
RI PROVIDENCE	271	12	2707	-340	100
SC CHARLESTON	127	6	1083	-167	220
COLUMBIA	148	4	1463	-83	167
FLORENCE	151	9	1352	-131	183
GREENVILLE	161	-7	1728	-134	124
SD ABERDEEN	310	-90	4397	-338	-221
HURON	275	-105	4098	-379	-331
RAPID CITY	184	-127	3616	-322	-338
SIOUX FALLS	265	-106	4130	-232	-226
TN CHATTANOOGA	174	-8	1906	-166	233
KNOXVILLE	187	-2	2070	-45	251
MEMPHIS	153	-25	1732	-140	94
NASHVILLE	176	-20	2020	-128	176
TX ABILENE	161	7	1723	141	107
AMARILLO	181	-27	2537	133	45
AUSTIN	113	-6	1032	-44	-11
BEAUMONT	101	3	913	14	28
BROWNSVILLE	61	5	447	63	30
CORPUS CHRISTI	77	4	612	16	09
DEL RIO	108	4	934	-55	42
EL PASO	146	3	1630	-41	50
FORT WORTH	128	-16	1414	39	-79
GALVESTON	90	-1	723	2	47
HOUSTON	109	5	975	31	06
LUBBOCK	179	-3	2156	103	170
MIDLAND-ODESSA	181	34	1873	259	225
SAN ANGELO	140	4	1554	133	30
SAN ANTONIO	114	9	987	-4	-45
VICTORIA	92	3	773	-2	-24
WACO	118	-16	1250	-24	-74
WICHITA FALLS	165	-10	1769	-25	-46
UT BLANDING	247	-15	3121	-248	-232
CEDAR CITY	249	4	3220	-18	-338
SALT LAKE CITY	294	41	3220	-8	-193
VT BURLINGTON	371	28	3982	-195	284
VA LYNCHBURG	207	-3	2163	-242	100
NORFOLK	181	4	1635	-204	226
RICHMOND	195	-7	1924	-294	162
ROANOKE	202	-7	2144	-273	201
WA COLVILLE	244	-40	3702	-345	-294
QUILLAYUTE	131	-51	2774	-355	-170
SEATTLE-TACOMA	132	-50	2232	-502	-332
SPOKANE	231	-45	3473	-367	-335
YAKIMA	189	-67	3064	-403	-431
WV BECKLEY	237	-8	3175	117	673
CHARLESTON	228	1	2372	-246	276
HUNTINGTON	225	-3	2407	-207	225
PARKERSBURG	254	16	2651	-69	273
WI GREEN BAY	334	-27	4140	-193	46
LA CROSSE	308	-52	4115	-15	152
MADISON	298	-52	3900	-251	-31
MILWAUKEE	286	-42	3464	-367	56
WAUSAU	354	-25	4636	8	184
WY CASPER	240	-61	3912	-182	-180
CHEYENNE	232	-41	3759	-70	-118
LANDER	301	-17	4404	74	108
SHERIDAN	208	-112	3950	-317	-173

Based on 1951-80 normals.

National Agricultural Summary

January 20 - 26, 1992

HIGHLIGHTS: Higher-than-normal temperatures returned to the Central United States, melting much of the snow cover in the region. Winter storms dropped significant precipitation in the Pacific Northwest and Southeast, and lesser amounts were received across most of the East.

SMALL GRAINS: Unseasonably mild weather in the Central States left fall-seeded grains in mostly fair to good condition. Lack of protective snow cover in the Northwest and Central States, however, has growers concerned about potential for freeze damage. Grain marketings from North Dakota continued to be slowed by rail car shortages. Topdressing of small grains continued in the Southeast.

COTTON: Cotton harvest continued in Oklahoma and was virtually completed in the High Plains of Texas, as open weather and light winds dried fields sufficiently for entry. A few fields remained to be harvested in Texas' Low Plains. Cotton stalk shredding for boll weevil control continued across the southern tier of States.

OTHER FIELD CROPS: Planting and harvesting of sugarcane continued in Florida, as did the preparing of tobacco plant beds throughout the South.

FRUIT AND NUTS: Lemon, grapefruit, orange, and tangerine harvests continued in Arizona. California's harvests of oranges, lemons, grapefruit, tangelos, tangerines, minneolas, and avocados continued, despite some slowing due to damp foggy conditions in the Fresno-Tulare area. Pruning and tying of grape vines was underway in the State. California export activity was reportedly brisk with oranges going to Japan, apples to Canada, grapes to Mexico, and citrus fruits to Australia and New Zealand. Fruit tree pruning continued on Colorado's western slope. Early orange harvest was slowing in Florida, while grapefruit movement was increasing with the increased availability of labor. Florida's tangelo and Dancy tangerine harvests were slowing, but Temple and Honey tangerine movement was increasing. Pruning of tree fruits, nuts, berries, and grapes was active in the Pacific Northwest. Texas pecan producers finished harvesting pecans where conditions allowed, with yields and quality continuing lower than expected. Pecan harvest also remained active in Arizona.

VEGETABLES: Lettuce harvest continued in Arizona. Broccoli, cauliflower, and celery movement from California's Santa Maria and Salinas-Watsonville producing areas was light. Sweet corn and melon seeding started in the desert area. Head lettuce growth slowed due to cool weather on California's westside area. Cool temperatures prevailed over Florida's major vegetable-producing areas and some limited frost damage occurred. Harvest of Florida's winter vegetable crops continued with tomatoes, cabbage, peppers, celery, squash, carrots, and snap beans being harvested in volume. Onion transplanting was nearly complete in Georgia. Rio Grande Valley, TX, lettuce and cabbage harvests continued.

PASTURES AND LIVESTOCK: Mild weather thus far during winter has eased pressure on hay and forage supplies, with few shortages reported. Early calving and lambing were underway in the Rocky Mountains and West. Supplemental feeding of livestock continued in the Northern States, while grazing of alfalfa and winter wheat fields was common in the South.

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 1.00 to 2.00 in.; 0.50 in. or less northwest. Temperatures 2° above normal north; 2° below normal south.

Wet conditions limited fieldwork most areas. Wheat responding favorably to warmer weather; conditions mostly good. Primary activities: Preparing land for tomatoes, watermelons; turning land; clipping cotton land for boll weevil eradication compliance; testing soil, seed; repairing equipment, fences; making 1992 farm plans; feeding cattle; general care of livestock, poultry, catfish.

ARIZONA: Partly cloudy, showers southeast, 19th. Scattered showers statewide, 20th. Sunny, west, partly cloudy, east, 21st; Clear skies statewide, 22nd to 25th. Temperatures 8° below to 5° above normal. Extremes 3°, 68° higher elevations; 22°, 77° deserts.

Cotton stalk shredding light statewide. Alfalfa good; sheeping off, moderate west. Small grains seeded 98%, 97% 1991, 96% avg.; small grains established, 90%, 90% 1991, 89% avg. Lemons, grapefruit, oranges, tangerines, mixed vegetables, lettuce harvested central, west. Pecans harvested, central.

ARKANSAS: Temperatures slightly above normal, light rain first of week. Extremes 13°; 69°. Rainfall 0.04 to 0.60 in.

All farming activities normal. The Delta region started to dry. Wheat crop normal. Livestock good, feeding hay, range cubes continued.

CALIFORNIA: Strong high pressure once again dominated the State producing dense fog, some drizzle in the inland valleys. Weather system brushed the northernmost end of the State late in the week with light amounts of rain.

Growth of small grains slowed, cold temperatures. Moisture adequate. Late planting continued. Herbicides applied to control weeds. Desert wheat fields in tillering stage. Sheep grazing alfalfa fields. Green chopping southern areas. Many growers preparing ground for planting spring crops. Fall planted sugar beets were developing normally. Pruning, dormant spraying progressed slowly, steadily with some areas almost done. Trees, vines planted. Grape vines were pruned, tied, clippings shredded, treated for nematode control. Harvesting continued for Navel oranges, lemons, grapefruit, tangelos, tangerines, minneolas, avocados. Maturity on minneolas behind schedule. Valencia oranges maturing well, small sizes. Wet damp foggy conditions slowed harvest Navel oranges, Fresno Tulare area. One fourth Navel orange crop picked statewide. Brisk export activity: Oranges to Japan, apples to Canada, grapes to Mexico, citrus to Australia, New Zealand. Kiwifruit, apples, Ruby Seedless grapes held in cold storage. Asparagus progressing well Sacramento Valley, Delta. Broccoli light, good quality Salinas Watsonville, Santa Maria. Movement continued central valley, good quality. Cauliflower light good quality Santa Maria, harvest continued central valley. Celery very light good quality Santa Maria, central valley fields maturing well. Sweet corn, melon seeding started desert area. Head lettuce growth slowed due to cool weather westside area. Fall potato movement Tulelake Butte valley light. Garlic, onion growth central valley fair, spinach plantings making normal progress. Other vegetables harvested: cabbage, green onions, various oriental vegetables. Range, pasture gradual improvement. Conditions fair to good. Warm weather, rain needed to sustain growth. Supplemental feeding continued. Water supplies remained short. Branding of calves active. Sheep grazing alfalfa.

COLORADO: Dry conditions prevailed statewide except for occasional snow showers in the northern, central mountains. A high wind warning was issued for the northeast on the 22nd where winds up to 80 miles an hour were reported near the front range. Windy conditions returned to the northern foothills on the 23rd, increased on the 24th when winds up to 100 miles an hour were recorded near Boulder. Mostly sunny, dry. Temperatures mostly 2 to 4° above normal east of the continental divide except in the San Luis Valley where cold air was trapped most of the week, kept temperatures around 10° below normal. Temperatures west of the divide were mostly 5 to 8° below normal.

Drier, warmer conditions across the eastern plains reduced snow cover in many areas but muddy conditions remained for dairy and cattle feeding operations. Topsoils were to wet for field activities except for fruit tree pruning on the west slope. Potato shipments continued at a heavy pace in spite of extreme cold in the San Luis Valley.

FLORIDA: Temperatures 2 to 6° below normal except south, 1 to 3° below normal. Freezing temperatures common over north, light freeze colder locations central Peninsula. Lows: mid to upper 20s north, low to middle 30s central, 40s south. Highs: upper 60s Panhandle, upper 70s Peninsula. Rain on 1 to 2 days. Rain totals 1.00 to 2.00 in. north, southeastern coast, elsewhere generally less than 0.50 in.

Soil moisture adequate to surplus Panhandle; adequate southern Peninsula; short to adequate northern Peninsula; short in central Peninsula. Tobacco growers maintaining tobacco beds. Ground preparation underway spring crops. Sugarcane harvest, planting active. Citrus groves, trees very good to excellent condition. Light rain most areas adequate. Fruit droppage not excessive. Early orange harvest slowing. Grapefruit movement increasing with more available labor. Tangelo, Dancy tangerine harvesting slowing. Temple, Honey tangerine movement increasing for fresh, processing. Caretakers cutting cover crops, fertilizations, hedging harvested groves continues. Temperatures continue cool over major vegetable producing areas. Some ice, frost damage very limited. Crop development slowed. Harvest winter crops continued active. Volume leaders: tomatoes, cabbage, peppers, celery, squash, carrots, snap beans. Also available: sweet corn, cucumbers, eggplant, escarole, lettuce, potatoes, radishes, strawberries. Planting of Homestead tomatoes

completed. States pastures poor to good. Pasture ratings 30% poor, 55% fair, 15% good. Moisture levels short to adequate. State's cattle herds poor to good.

GEORGIA: Temperatures 2 to 5° above normal north, 1 to 3° below normal central, south. Highs ranged from mid 60s north to upper 60s extreme south, southeast. Lows mid, upper teens mountains to mid 20s elsewhere, except upper 20s extreme southeast. Rain 1 to 2 days over State. Totals north between 1.00 to 2.00 in. Central, south totals between 0.75 to 1.25 in.

Soil moisture adequate north, surplus elsewhere. Onions good, transplanting active, 2% remaining. Small grains good, some nitrogen applications south, west. Tobacco bed preparation 98% complete, plants good. Land preparation limited due to wet soils. Pruning peach trees west. Pastures poor to good. Feeding hay to cattle west. Cattle, hogs good.

HAWAII: Cool, dry weather prevailed during the week. Nighttime temperatures dipped to high 50s, lower at some higher elevations, retarding growth of many crops. Cool season crops made good progress. On Hawaii island persistent dry weather affected crop conditions, output. Heavy irrigation necessary to maintain crop development. January 22nd, windward Oahu, high winds of 40 to 50 mph caused light damage to vine, orchard crops. Temperatures varied from upper 50s to lows 80s. Rainfall none to 0.30 in.

Days suitable for fieldwork 7.0. Weather allowed farmers to clean after previous week's gusty winds. On Oahu, banana, papaya plantings suffered wind damage. On Hawaii island, moisture level low for cucumber, declining for banana. Tomato harvesting active on Hawaii, Molokai.

IDAHO: Temperatures 7° below to 7° above normal across State. Precipitation fell mainly in the north with Sandpoint receiving the most with 1.88 in.

Soil moisture varied across State. Short in south central; rest of State adequate. Activities: marketing potatoes, shipping grain, hay, attending meetings, repairing equipment. Hay, roughage supplies adequate to surplus. Hay was continuing to be fed. Livestock reported in good to excellent condition.

ILLINOIS: Seasonably warm and dry weather prevailed, with the exception of a few inches of snow in the northern portions of State. Average temperatures 23 to 40° across the State, which was 4 to 8° above normal. Precipitation in the northern third of the State 0.30 to 0.50 in., 0.20 in. or less in the central, southern areas.

INDIANA: Temperatures 0 to 8° above normal. Highs mid 30s to mid 40s. Lows, mid teens to mid 20s. Temperatures bounced between warm, cold. Several inches snow fell in north over weekend.

Main activity was hauling manure. Other activities: shoveling snow, selling grain, soil testing, machinery repair, cleaning fence rows, building maintenance, attending farm sales, purchasing supplies, tax preparation, care of livestock, preparing for next year's crops. Winter wheat condition very poor to average. Hay supplies tight to okay, depending on location. Livestock good condition.

IOWA: Another mild week. Temperatures 8° above normal east to 17° above normal west. Extremes -5° (Fayette, 26th); 59° (Ottumwa and Denison, 21st). Precipitation 0.08 west to 0.91 in. east. State 0.41 in., weekly normal 0.22 in.

Mild weather reduced stress on livestock and demand for hay. Roughage supplies remain adequate in most parts of the State. Still some limited harvesting, field activity going on. Main activities are livestock care, tax preparation.

KANSAS: Temperatures 8° to 15° above normal. Precipitation light; none west, 0.06 to 0.22 in. central, 0.24 to 0.60 in. east.

Wheat looks good; little or no top growth. Continued mild weather easing pressure on hay, forage supplies. Livestock good condition for time of year.

KENTUCKY: Early week lows below 10°. Midweek highs 50s, lower 60s. Temperatures upper 30s, 4 to 5° above normal. Some rain or snow most areas. Heaviest rain southeast 0.50 in.

Early week cold weather stressed livestock. Burley markets beginning to close. Burley prices continued downward trend. Tobacco placed under loan increased considerably. Soil moisture ample.

LOUISIANA: Temperatures 4° below to 1° above normal. Extremes 21°; 74°. Rainfall 0.16 in. northeast to 3.07 in. south central.

Main activities: More rain resulted in continued wet fields. Drainage work in fields active. Farmers continue attending various crop production meetings across the State, selecting seed varieties, booking seed. Farm equipment maintenance, repair, livestock care, feeding also continued.

MARYLAND & DELAWARE: MARYLAND: Precipitation 0.45 in. Temperature 32.7°, normal 32.4°. Extremes 0°; 65°.

Activities: Reading seed catalogues, planning for spring planting; caring, feeding livestock; checking on newborn livestock; cutting firewood. DELAWARE: Precipitation 0.53 in. Temperature 31.8°, normal 33.5°. Extremes 6°; 66°.

Activities: Marketing, caring for livestock; choosing seed varieties for spring planting; checking on newborn livestock; cutting firewood; attending organizational meetings.

MICHIGAN: Temperatures 4° below normal to 4° above normal. Extremes -14°; 47°. Precipitation 0.11 to 0.60 in. across the State. Sleet, snow fell throughout State last week. Windy conditions caused the snow to drift in some areas.

The stormy weather kept most livestock inside. Livestock were in good condition with adequate feed supplies. Major activities: Cutting, splitting wood; pruning; hauling manure; taking corn to market from storage.

MINNESOTA: Temperatures 6 to 13° above normal for the State. Extremes -21°; 47°. Precipitation 0.05 to 0.55 in.; 0.08 to 0.14 in. below normal for northern third of the State, near normal to 0.36 in. above normal elsewhere. Greatest weekly total 0.85 in. at Waseca. Snowfall 1 to 5 in. for the State. Snow depth at weekend 15 to 20 in. for the north central, northeast, 2 to 10 in. elsewhere.

MISSISSIPPI: Temperatures 2° below normal. Extremes 11°; 72°. Rainfall 0.75 in., 0.41 below normal. Soil temperatures 42°

Days suitable for fieldwork 0.8, 0.9 1991, 0.4 avg. Soil moisture 29% adequate, 57% surplus, 14% excessive. Wheat 57% fair, 29% good, 14% excellent. Hay supply 100% adequate. Feed grain 100% adequate. Livestock 33% fair, 67% good. Activities: Feeding livestock, planning for spring plantings.

MISSOURI: Temperatures 8° above normal except Bootheel 1° above normal. About 0.25 in. rain across State.

Soil moisture supply generally adequate. No snow cover for past several weeks, mostly mild weather should minimize further damage to wheat. Other than regular chores, most work management related for new season.

MONTANA: Very warm, dry across State. Temperatures well above seasonal normals, averaging 7° above normal west, 20° above east. Precipitation very light.

Winter wheat 8% poor, 52% fair, 39% good, 1% excellent. Snow cover protection 90% poor, 7% fair, 2% good, 1% excellent. Cattle, calves on supplemental feed 91%, sheep, lambs 89%. Grazing 92% poor, 8% difficult. Early calving, lambing beginning; most ranchers preparing for start of busy season.

NEBRASKA: Temperatures 10° above normal in the northwest to 19° above normal in the central, northeast. Precipitation occurred midweek in the eastern half; 0.10 to 0.50 in.

NEVADA: Strong high pressure dominated all of State during this period with no precipitation. Temperatures above normal. Extremes -14°; 65°.

Mild weather great for starting of calving, lambing. Main farm, ranch activities caring, feeding livestock, general maintenance.

NEW ENGLAND: Precipitation 0.35 to 2.00 in. north; 0.85 to 2.40 in. south. Temperatures -1° to high teens north, high teens to high 20s south. Maximum temperatures high 30s north to mid 50s south; minimum temperatures -23° north to 9° south.

Major farm activities: General maintenance, tending livestock, moving crops from storage.

NEW JERSEY: Temperatures slightly below normal, 27° north, 30° south, 33° coastal. Extremes 6°; 61°. Precipitation above normal north, near normal south, coastal; 0.99 in. north, 0.73 in. south, 0.63 in. coastal. Heaviest 24 hour total 1.22 in. on 23rd, 24th. Heaviest 24 hour snowfall 2 in. on 25th, 26th. Depth of snow on ground 27th trace to 1 in.

Farmers attending meetings, trade shows; caring for livestock; repairing equipment; preparing taxes.

NEW MEXICO: Temperature varied considerably across the State, 7° above normal to 8° below average. In general, most mountain areas were 2 to 4° colder than normal, while the eastern plains, the northwestern plateau were 2 to 4° above normal. Precipitation was confined to the southern half of the State and the western mountains, with a high of 0.52 in. reported.

NEW YORK: Temperatures below or near normal. Coldest day was on 19th when temperatures dipped to near or well below zero over nearly the entire State. Precipitation about 0.33 to nearly 2.00 in. of water equivalent. It fell as rain, freezing rain, snow.

Major activities: caring for livestock, maintenance, attending meetings, planning for upcoming season. Cold weather made outside activities difficult.

NORTH CAROLINA: Temperatures varied greatly. Extremes 12°; 71°. All stations reported precipitation; 0.30 to 2.38 in.

Small grains good condition. Soil moisture adequate to surplus. Hay, roughage supplies, feed grain supplies adequate. Activities: Tending livestock; cutting wood; preparing tobacco plant beds; pruning fruit trees; land preparation; equipment repair; general farm maintenance.

NORTH DAKOTA: Temperatures 9 to 17° above normal. Extremes -25° northeast; 54° southwest. Precipitation 0.07 in. northeast to 0.18 in. northwest, west central.

Alfalfa, winter wheat, rye good. Livestock good to excellent; lambing reported some areas; feed supplies adequate; marketings normal. Grain marketings slowed by rail car shortage; insect problems some areas.

OHIO: Cold winter weather conditions continued in State. Milder weather 23rd to 24th turned colder for the weekend after passage of a cold front. Low pressure moving across the Ohio Valley brought snowfalls of 1 to 3 in. on 25th. Daytime high temperatures averaged in the low to mid 30s in the north, to the lower 40s in the south. Lows mid teens to low 20s.

Days suitable for fieldwork 0. Soil temperatures moved more towards freezing with some crusting of soil surfaces; 4 in. depth temperatures hovered mostly in the lower 30s. Precipitation totals in water equivalent terms ranged from 0.20 in. northwest to 1.00 in. east. Snow cover 1 to 4 in. across the State.

OKLAHOMA: Temperatures 5° above normal south central, southeast to 10° above normal Panhandle. Precipitation none Panhandle to 0.50 in. north central.

Cotton harvest continues. Cattle prices mixed.

OREGON: Temperatures well above normal for this time of year. West 5° above normal; east 6° above. Exceptions were Grants Pass, Burns which were normal. Very cold minimum temperatures in northeast mountains were in single digits to teens, by mid period had climbed into the 20s and 30s. Precipitation west averaged 1.50 in. along coast, with up to 3.75 in. in north coast range. Interior west averaged 0.60 in. in Willamette Valley, 0.80 in. in north Cascades, 0.10 to 0.20 in. elsewhere. Only minor amounts of precipitation fell in the east.

Soil moisture mostly short to adequate east, some surplus in northeast mountains; adequate to surplus west. Winter wheat poor to good; major concern lack of snow cover for freeze protection Columbia Basin. Pruning tree fruit, nuts, berries, grapes. Early calving started Umatilla County. Livestock mostly good. Mild winter easy on hay supplies. Range, pasture good west; fair to good east. Low snowpack in mountains; lack of deep soil moisture in eastern grain belt still of concern.

PENNSYLVANIA: Cold weather with above normal precipitation. Temperature 25°, 1° below normal. Extremes -4°; 58°. Precipitation 0.83 in., 0.18 in. above normal.

Activities: Repairing fence; hauling manure; maintaining machinery; caring for livestock.

PUERTO RICO: Island rainfall 0.10 in. was 0.53 in. below normal. Rainfall 0.88 in. Pico del Este Luquillo, 0.63 in. at Guayama, 0.52 in. at Maunabo. Highest 24 hour total 0.57 in. at Guayama. Divisional temperatures 74 to 76° on the coasts, 69 to 70° in the Interior with mean station temperatures 60.5° at Pico Del Este Luquillo to 78.5°. Extremes 45°; 90°.

SOUTH CAROLINA: Temperatures near normal statewide. Average rainfall 1.50 in.

Farm activities: Tobacco seed beds good; small grain good; land preparation continues; pastures average; livestock good.

SOUTH DAKOTA: Temperatures 8 to 15° above normal across the State. Extremes -7°; 63°. A rapid moving cold front brought below zero nighttime readings late in the week. Light snow was reported in the Black Hills, the northeast part of the State. Snowfall 1 to 3 in. with melted amounts of 0.05 to 0.25 in.

TENNESSEE: High pressure dominated early in the week. Approaching cold front 22nd brought rain west which slowly spread eastward. Rain continued east 23rd as cooler air spread over State. Significant warming 25th with southerly winds pushing temperatures 15° warmer than previous day. Clouds, easterly winds cooled temperatures closer to normal 26th. Temperature readings averaged normal to slightly above normal Statewide. Precipitation above normal east, below normal elsewhere. West 1.00 in. below normal, middle 0.33 in. below normal, Plateau 0.50 in. below normal.

Topsoil moisture mostly short west, middle; mostly adequate east. Winter wheat good. Pastures fair. Hay, roughage supplies remain adequate most areas. Livestock good. Main activities: Topdressing small grains; marketing tobacco; preparing tobacco plant beds; pruning fruit trees; record keeping; cutting firewood; land preparation; hauling manure; equipment maintenance, repair.

TEXAS: Mild winter conditions prevailed in State last week. Cold front 20th to 21st brought rain to wide areas of State from west central to Gulf Coast. Greatest rainfall centered in South Texas. Drying weather followed through 24th. Over weekend, upper air system triggered rains across South, West Texas with some amounts around San Antonio exceeding one inch. Flash flood watches were in effect due high rivers, lingering wet soils. Temperature departures around State were above normal, ranging 4° above normal north central, east Texas, except Lower Rio Grande Valley 1° below normal overall.

Crops: Cotton harvest virtually complete in High Plains, as open weather, light winds dryed fields. Few fields left for harvest in Low Plains. Cotton harvested 100% 1991, 100% 1990, 98% avg. Wet soil conditions in small grain fields prevented optimum growth. Sunshine over next few weeks needed to improve conditions. Many fields need fertilizer because of excess leaching of nitrogen. Greenbugs some fields, populations not at economic threshold. Statewide wheat condition 80% of normal compared with 66% 1991.

Commercial Vegetables: Rio Grande Valley, lettuce, cabbage harvest continued. Onions progressing well, land preparation continued. East Texas, some land preparation for spring planting, as fields started drying. Producers finished harvesting pecans where conditions allowed. Yields, qualities lower than expected.

Range and Livestock: Saturated soils hampered ranges, pastures. Forage quality deteriorated many areas because of excess moisture, cold weather. Good green forage for sheep. Supplemental feeding continued due wet pastures.

UTAH: Temperature maximums approximated 7° less than normal, minimums 9° less than normal. Extremely light precipitation was reported in the north central, Uinta Basin regions, none elsewhere. Major farm activities: Care of livestock, income tax filing, hauling manure.

VIRGINIA: Temperatures 3° above normal to 5° below normal. Extremes 7°; 66°. Precipitation recorded statewide with amounts 0.18 in at Patrick Henry to 1.11 in. at Philpot Dam.

Days suitable for fieldwork 3.4. Topsoil 13% short, 70% adequate, 17% surplus. Winter grains, grazing crops condition 5% very poor, 17% poor, 51% fair, 27% good. Forage from pastures, grazing crops dairy cattle 5%, beef cattle 15%, sheep 14%. Fencing, repairing machinery, overseeding hay, pastures, liming, topdressing wheat, selling dark fired tobacco.

WASHINGTON: Temperatures 3 to 6° above normal west; 2 to 10° above normal east. Precipitation 0.65 to 2.90 in. west; none to 0.52 in. east.

Days suitable for fieldwork 2.8. Soil moisture 35% short, 45% adequate, 20% surplus. Hay, other roughage 18% short, 61% adequate, 21% surplus. Range, pasture 10% very poor, 17% poor, 27% fair, 25% good, 22% excellent. Winter wheat 15% fair, 85% good. Winter barley 9% fair, 91% good. Above normal seasonal temperatures continued to dominate the State. Overall, good conditions existed for winter cereal crops. Gentle rains continued to fall throughout the eastern portion of the State with most of the moisture generally soaking into the ground. Warm dry weather continued to dominate the central portions of the State where pruning of vineyards, orchards continued. The extended warm weather has caused some concern for winter hardiness. A cold spell could mean severe damage to vineyards, orchards. Early calving started in Klickitat county while lambing was going hot and heavy in parts of State.

WEST VIRGINIA: Temperature 31°. Extremes 0°; 59°. Precipitation 0.97 in.

Days suitable for fieldwork 2.2. Soil moisture, 18% short, 64% adequate, 18% surplus. Wheat, good. Barley, good. Hay feed supplies, 85% adequate, 15% surplus. Other feed supplies, 19% short, 73% adequate, 8% surplus. Cattle, good. Sheep, 40% poor, 60% good. Farm activities: general maintenance, fencing, calving, lambing.

WISCONSIN: Temperature 18°. Extremes -23°; 45°. Rather mild week. Light rain, snow 22nd with precipitation amounts of 0.20 in. or less. Light snow on 23rd except in the Lake Superior snowbelt where amounts were heavier. Up to 6 in. of snow in southwest on 24th with 1 to 3 in. across the rest of the south. Around 1 in. of snow across the southeast on 25th. More snow on 26th, with accumulations of less than 1 in.

Late January snow depth 3.1 in.; 9.7 in. 1991; 10.0 in. avg. Frost depth deepened nearly 6.0 in. past two weeks. Depth for late January was 9.1 in.; 12.4 in. 1990; 14.6 in. avg.

WYOMING: Temperatures above normal east, northeast, below normal elsewhere. Very little precipitation statewide.

1992 Winter wheat fair to good. Some drought stress reported. Additional moisture, snowcover needed. Livestock mostly good. Feeding, preparations for calving, lambing continuing.

International Weather and Crop Summary
HIGHLIGHTS

January 19 - 25, 1992

FORMER USSR ... Early-week bitter cold stresses winter grains. However, an adequate snow cover along with a rapid moderation in temperatures reduces the threat of winterkill.

EUROPE ... Beneficial precipitation falls in north-central and Mediterranean areas, but cold weather covers the continent.

EASTERN ASIA ... Seasonally dry conditions exist across northern China, with beneficial rains across the southwest.

SOUTHEAST ASIA ... A drying trend continues throughout the region, reducing moisture for grains and oil crops from Indonesia to the Philippines.

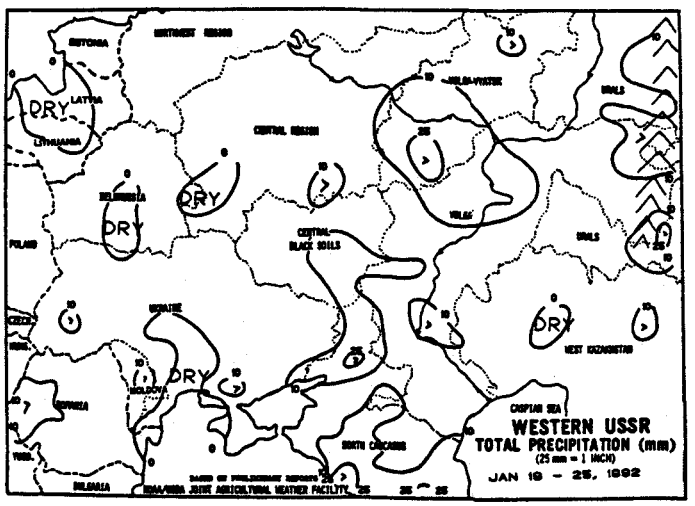
SOUTH ASIA ... Dry, warmer weather benefits vegetative to reproductive grains and oilseeds.

SOUTH AMERICA ... Rains benefit corn and soybeans in southern Brazil, but moisture is still needed in Parana. Dry weather aids fieldwork in Argentina.

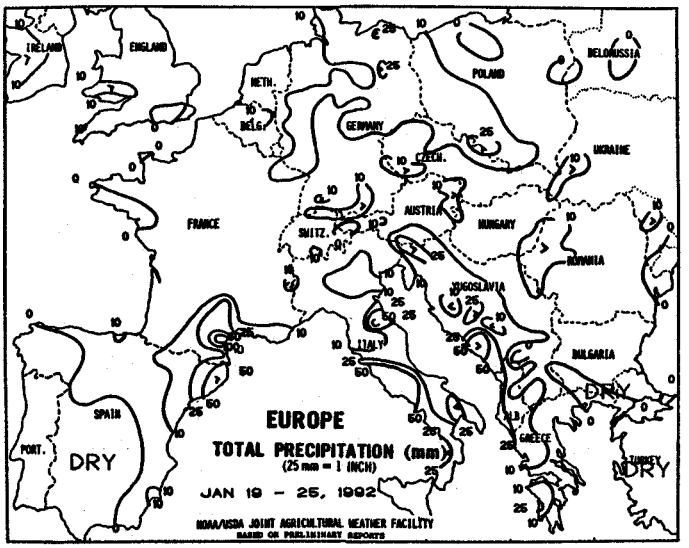
AUSTRALIA ... Scattered rains favor eastern summer crops, but more is needed.

NORTHWESTERN AFRICA ... Rain benefits winter grains in Algeria and Tunisia. Drought continues to worsen conditions for winter grains in Morocco.

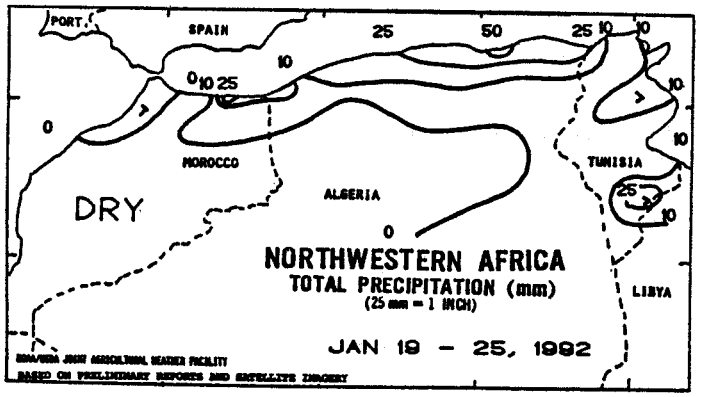
SOUTH AFRICA ... Showers bring some relief to reproductive corn.



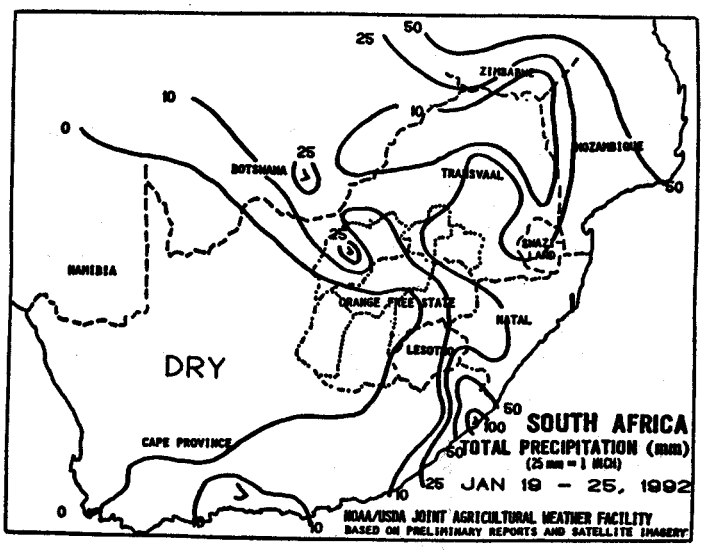
FORMER USSR ... As the week began, bitter cold was well entrenched over winter grain areas. Minimum temperatures ranged from -17 to -24 degrees Celsius (C) in Belarus, Central Region, Volga Vyatsk, Central Black Soils Region, and the Volga. Elsewhere, minimums ranged from -11 to -16 degrees C. In Volga Vyatsk, southern Black Soils, Volga Valley, and North Caucasus, localized moderate to heavy snow (10-40mm water equivalent) provided a fresh blanket of protection from extreme cold. Light snow (less than 6mm water equivalent) along with existing snow cover over remaining winter grain areas provided adequate protection. The extreme cold was of short duration, with a rapid moderation in temperatures occurring as the week progressed.



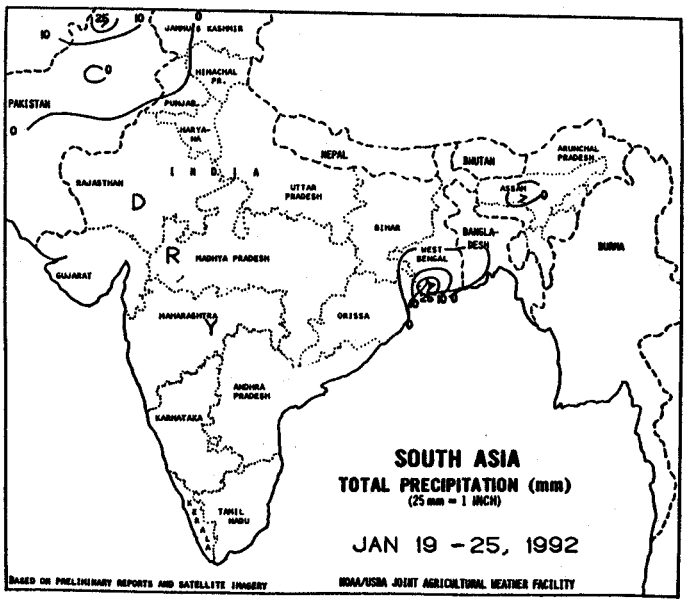
EUROPE ... Isolated areas of heavy precipitation (50-100mm or more) were scattered along the Mediterranean region from extreme northeastern Spain across central Italy to western Yugoslavia. Beneficial moisture (10-38mm) helped dormant winter grains in western Poland, northern Czechoslovakia, eastern and central Germany, and western Romania. Elsewhere, precipitation was light (mostly 5mm or less), with dry weather prevailing over the southwestern half of the Iberian peninsula. Colder weather prevailed throughout Europe, with weekly average temperatures 2-4 degrees C below normal. Bitter cold air in eastern Europe dropped minimum temperatures to the -15 to -20 degrees C range in eastern Poland and Romania. The unusual cold weather pattern persisted in the Iberian peninsula, with all but coastal Spain and Portugal reporting minimum temperatures from -1 to -7 degrees C.



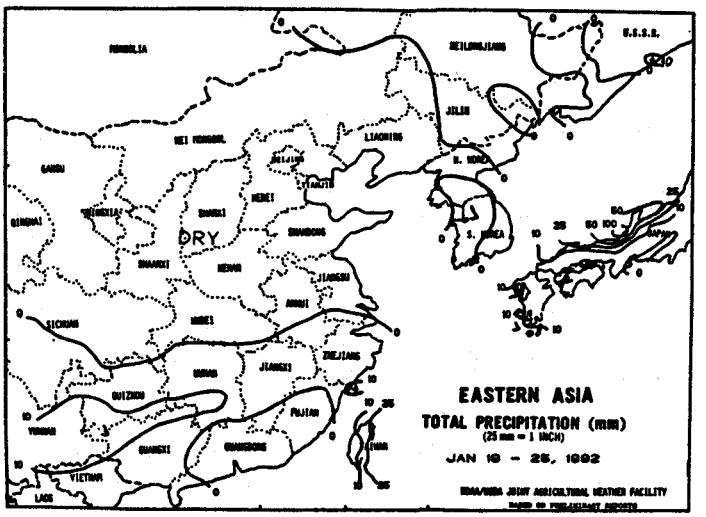
NORTHWESTERN AFRICA ... The first significant moisture since early November covered winter grain areas in Algeria, benefiting crops in the vegetative stage. Greatest amounts of rain (25-50mm) were confined to crop areas along the Mediterranean coast with lesser amounts (around 10mm) falling over southernmost areas. Although this past week's rain in Algeria improved moisture conditions for winter grains, drought conditions continued to plague Moroccan winter grain areas. The persistent dryness in Morocco has likely stunted plant growth and reduced tillering in winter grains. In Tunisia, light rain (around 10mm) brought temporary relief to winter grains, stressed by earlier dryness.



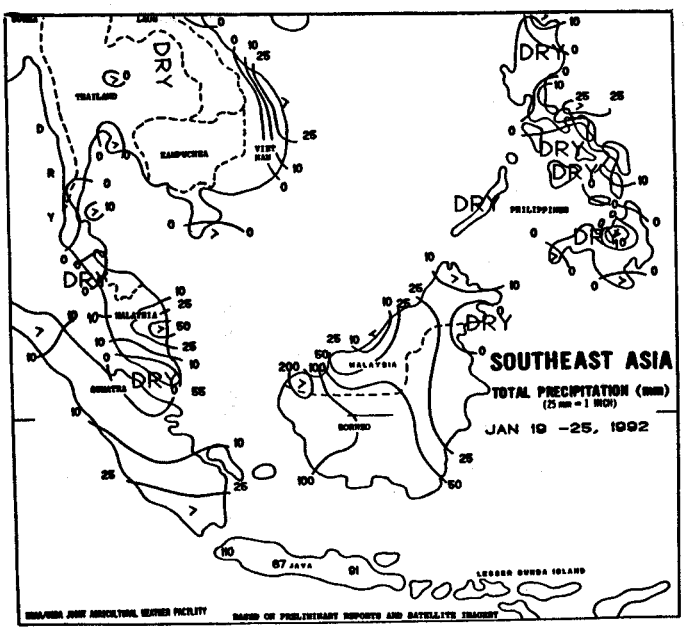
SOUTH AFRICA ... Light to moderate showers (9-41mm) across primary corn areas of southern Transvaal brought some relief to crops advancing through reproduction. In contrast, light rain was limited to easternmost areas of the Orange Free State as no rain fell in the western two-thirds of the State. Temperatures again averaged 1-2 degrees C above normal, increasing moisture demands and hastening crop development. Further south, light to moderate rain (5-50mm or more) covered crops in Natal and easternmost Cape Province.



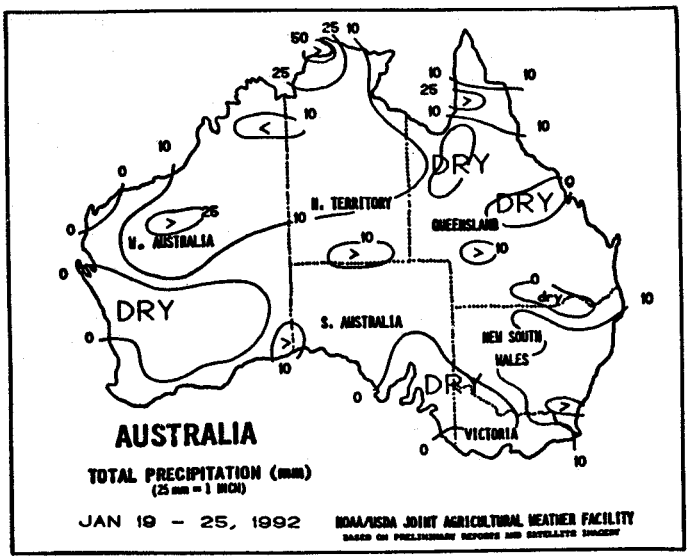
SOUTH ASIA ... Mostly dry weather continued across the region, although isolated light to moderate rain (1-41mm) fell in northern Pakistan and eastern India. Temperatures were near to above normal, but pockets of cooler-than-normal weather continued in the north. The warmer weather was welcomed for winter wheat and oilseeds, typically vegetative to reproductive by the end of January.



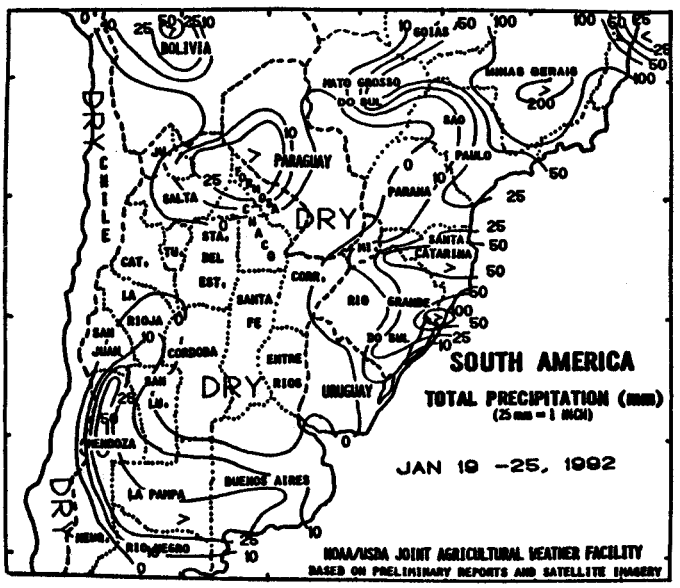
EASTERN ASIA ... Seasonably dry conditions prevailed across northern China. Light to moderate rain (7-35mm) fell across southwestern China, aiding winter crops. While weekly temperatures averaged 2-4 degrees above normal across the North China Plain, winter wheat remained dormant.



SOUTHEAST ASIA ... Drier-than-normal conditions dominated the region, although moderate to heavy showers (25-200mm) fell across Java and local areas of Malaysia. Indochina was mostly dry, except for light to moderate rain (10-40mm) along Vietnam's coast. In the Philippines, only local areas of southern Luzon received more than 25mm. More rain is needed in Malaysia, Indonesia, and Philippine fall grain areas due to the recent drying trend, and a late start to the rainy season.



AUSTRALIA ... Scattered light showers (4-21mm) fell across eastern Australia, aiding vegetative cotton and sorghum. However, due to previous dryness and above-normal temperatures, additional moisture is needed for adequate crop growth. The interior and northeastern coastal areas of Queensland received only light rain, stressing pastures and sugarcane. While the monsoon across northern Australia started on time, rainfall during the past several weeks has been below normal. The monsoon normally peaks from mid-January to mid-February. Weekly temperatures averaged 2-4 degrees C in the major eastern crop areas, with maximum temperatures ranging between 35-38 degrees C.



SOUTH AMERICA ... In southern Brazil, light to moderate rain (23-77mm) fell across Santa Catarina and northern Rio Grande do Sul, aiding vegetative soybeans. However, western Rio Grande do Sul and most of Parana received only light rain (less than 10mm), further depleting soil moisture reserves. Widespread heavy rains (70-244mm) again covered Minas Gerais, causing possible flooding. Little or no rain fell across the crop areas of northern and central Argentina, aiding late soybean planting and winter wheat harvesting. Southern Buenos Aires received light to moderate rain (14-35mm), causing minor harvesting delays. Weekly temperatures averaged 1-2 degrees C above normal across Argentina and southern Brazil.

The Weekly Weather and Crop Bulletin (ISSN 0043-1974) is published weekly and jointly prepared by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) and the U.S. Department of Agriculture (USDA). Publication began in 1872 as the Weekly Weather Chronicle. It is issued under general authority of the Act of January 12, 1895 (44-USC 213), 53d Congress, 3d Session. NOAA is responsible for managing, printing, and distributing the bulletin. The contents may be reprinted freely, with proper credit.

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ISSN 0043 1974

OFFICIAL BUSINESS
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WEEKLY NEWS BULLETIN
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