

WEEKLY WEATHER AND CROP BULLETIN

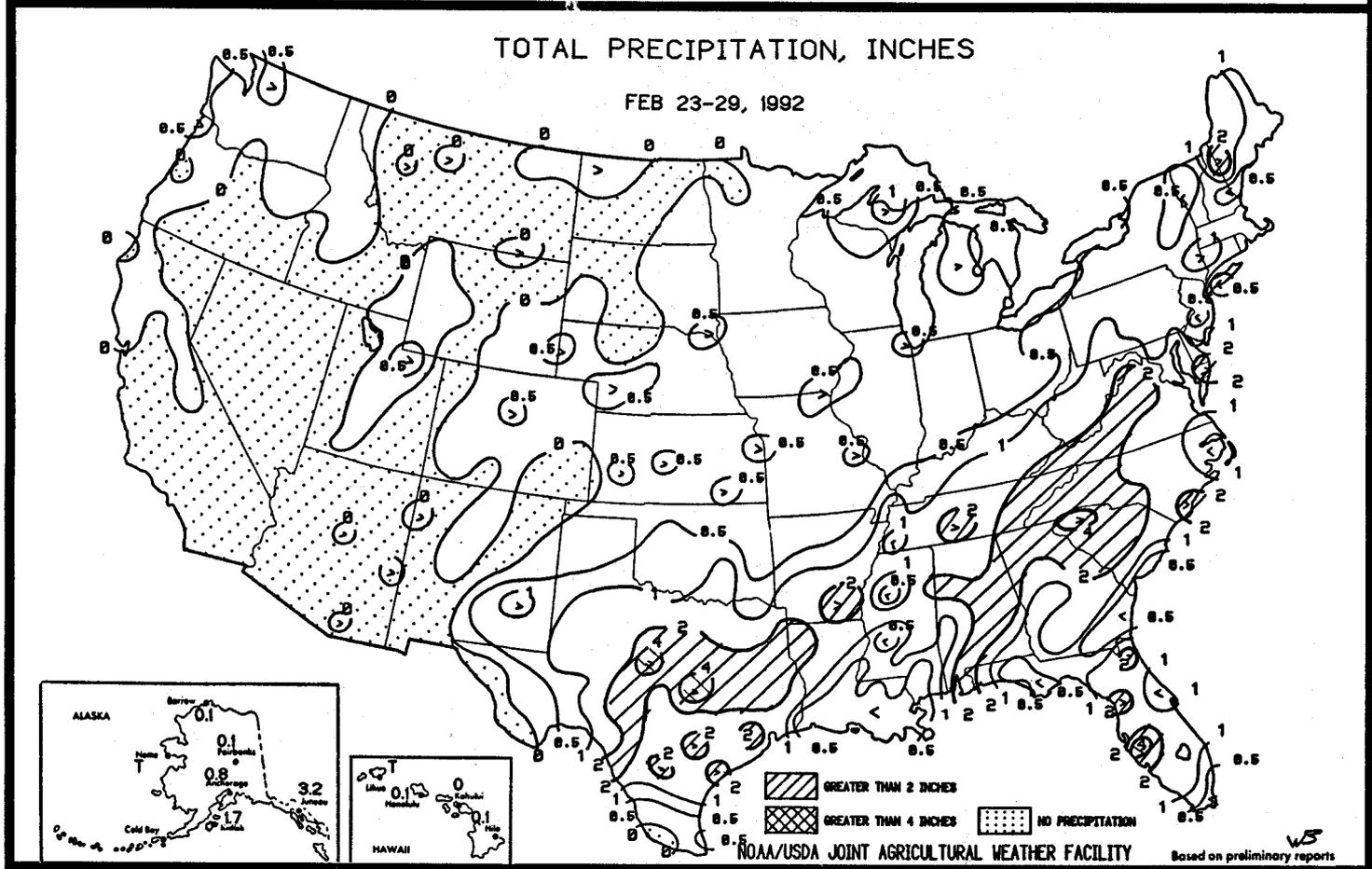
U.S. DEPARTMENT OF COMMERCE
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HIGHLIGHTS

February 23 - 29, 1992

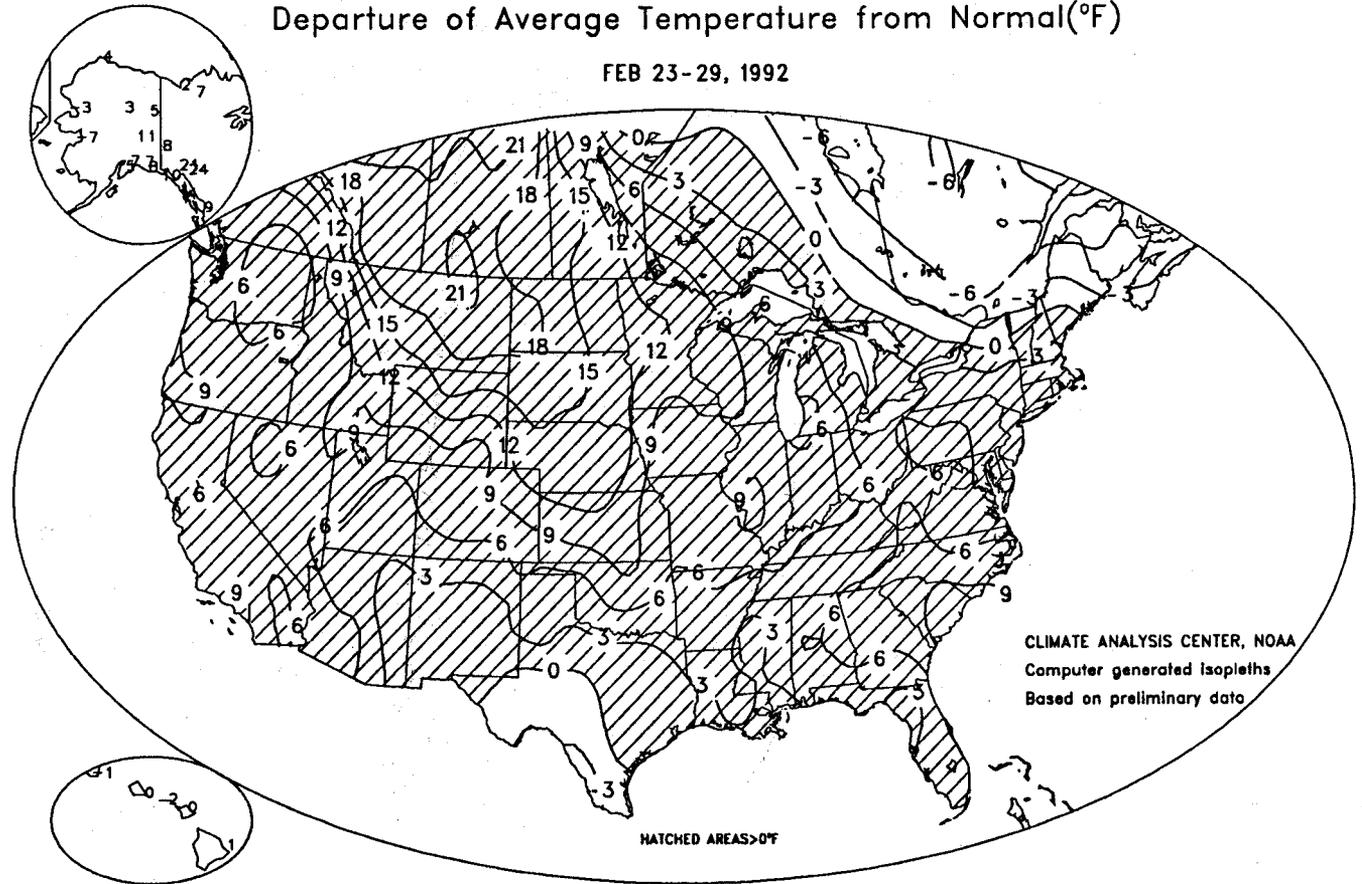
Heavy rain soaked the **Gulf and Atlantic States** and record warmth covered the **West** until midweek. During the latter half of the week, dry conditions prevailed as incredible late-winter warmth overspread the Nation. Early in the week, a complex storm system produced heavy rain in the **Carolinas**, snow in the **central Rockies**, and thunderstorms in **Texas**. More than 4 inches of rain pelted **Killeen, TX**, and heavy rain renewed flooding along the **Guadalupe River** in and near **Victoria, TX**. As the storm edged eastward, snow whitened the **Great Lakes States** and **New England**, and thunderstorms slammed into **central Florida**, spawning a half dozen tornadoes. Cool air briefly settled into the Plains, dropping the temperature to 19° F in **Dalhart, TX**. Meanwhile in the **West**, temperatures soared into the 80's as far north as **Redding, CA**. **Santa Monica, CA**, reported the Nation's first 90° F reading of the year. After
(Continued to back cover)

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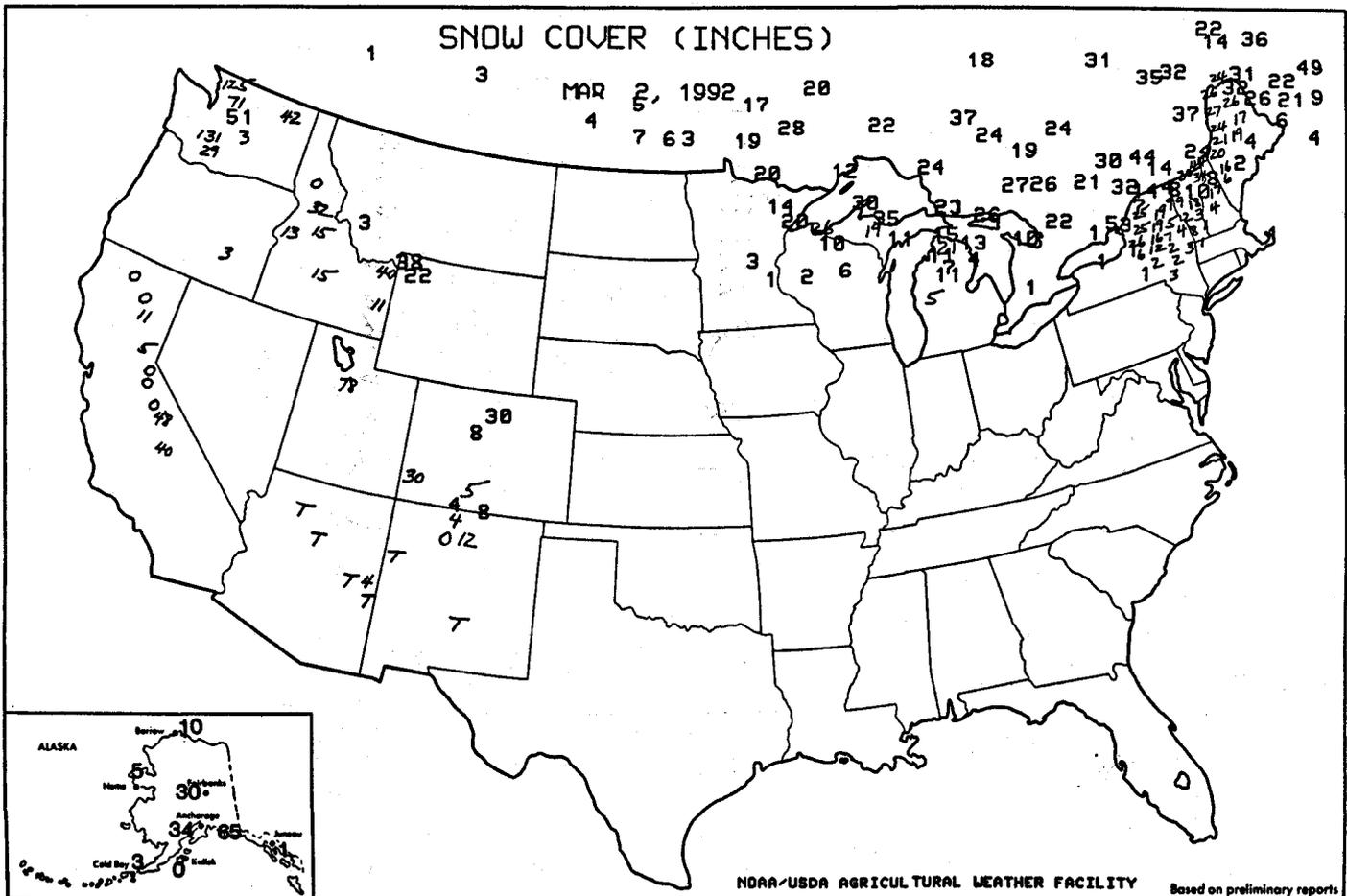
Departure of Average Temperature from Normal(°F)

FEB 23-29, 1992



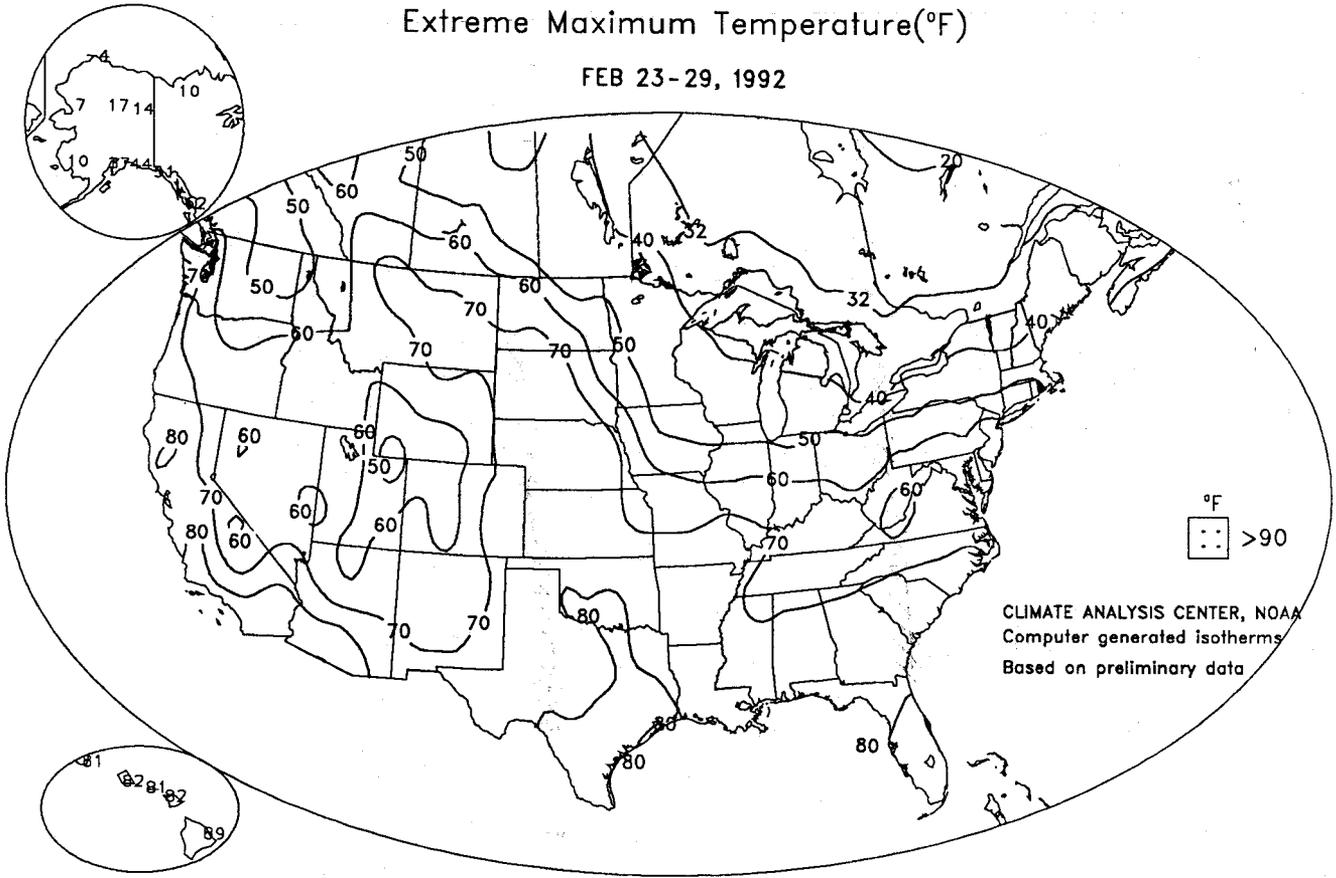
1 SNOW COVER (INCHES)

MAR 2, 1992



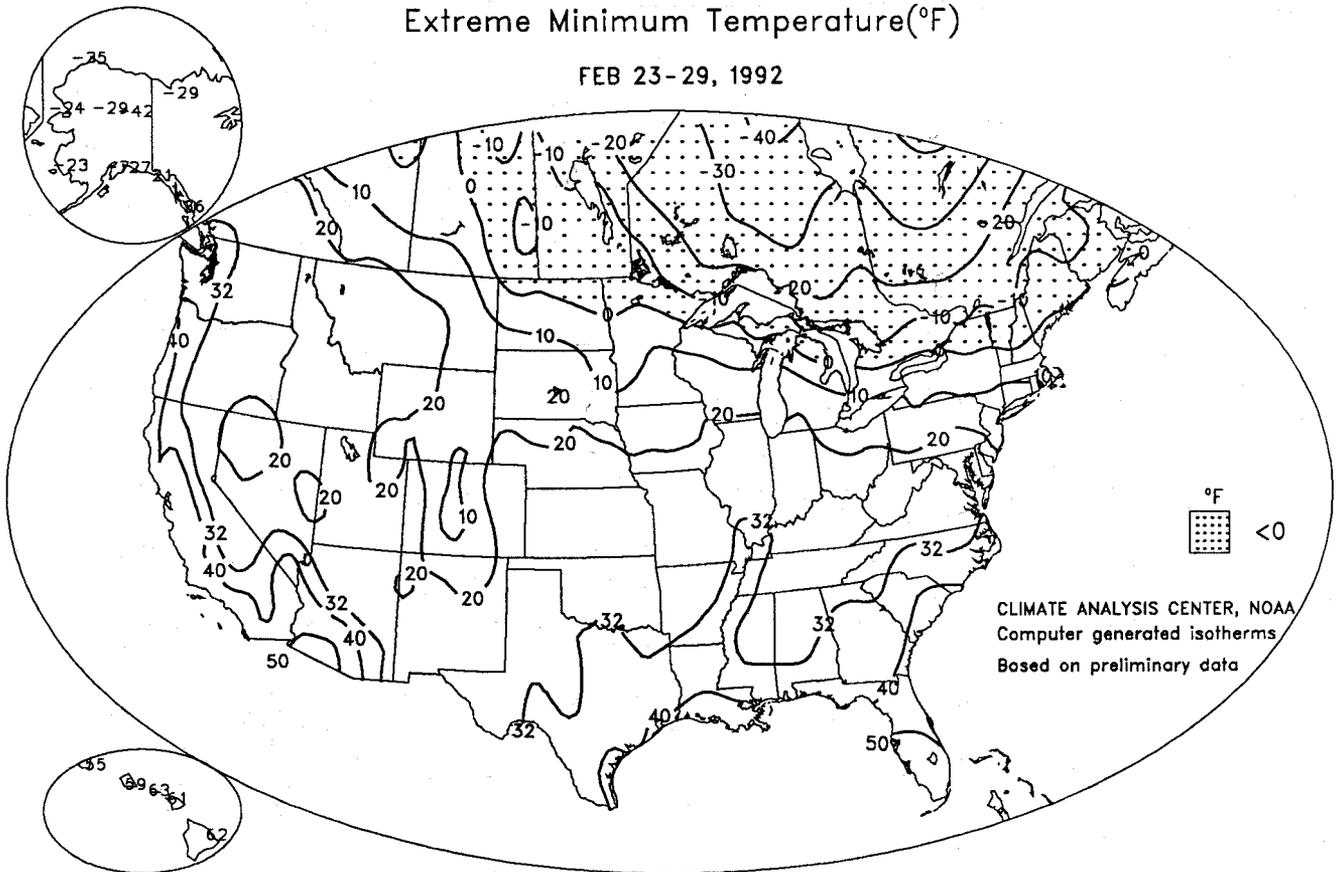
Extreme Maximum Temperature(°F)

FEB 23-29, 1992

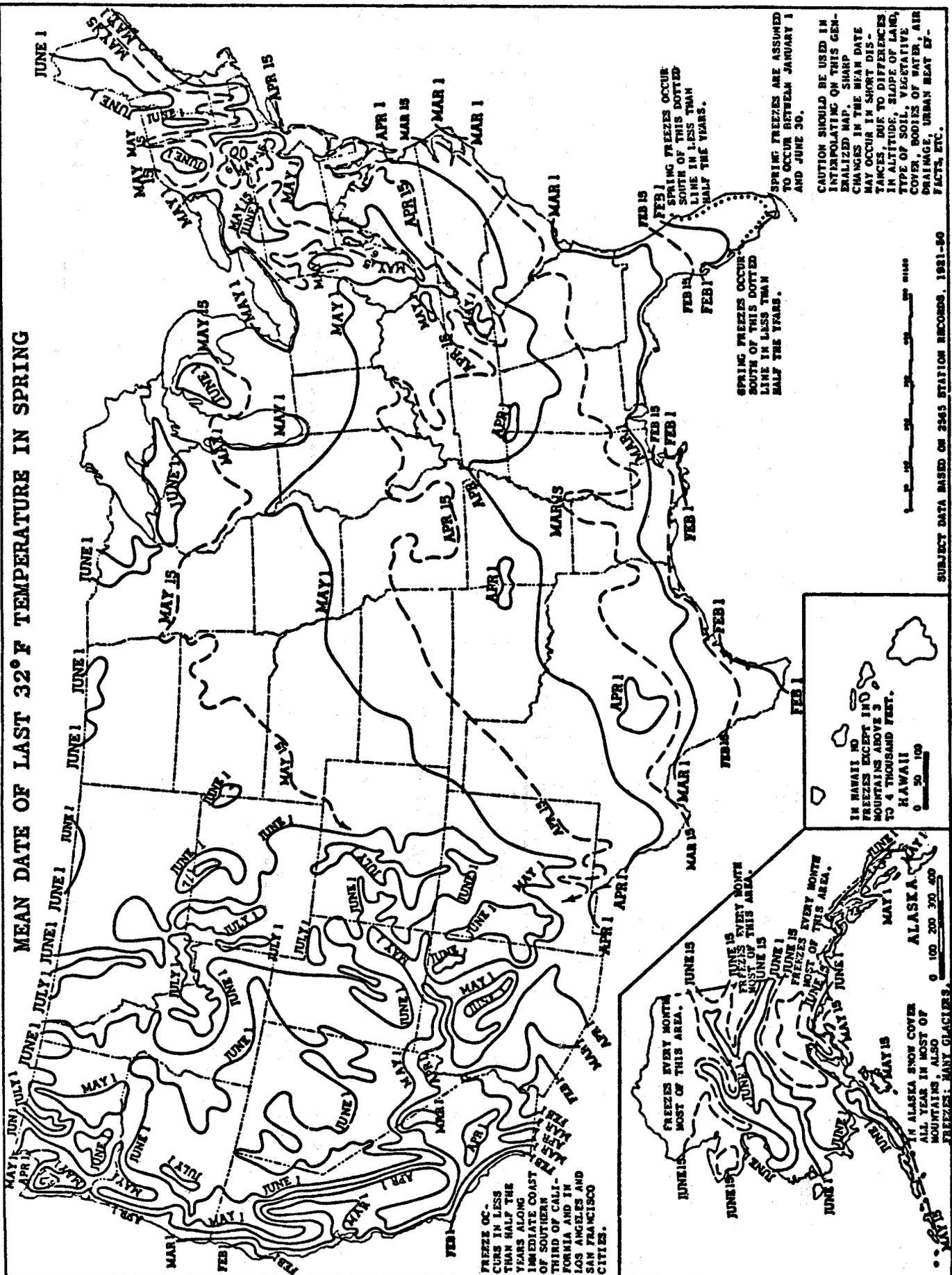


Extreme Minimum Temperature(°F)

FEB 23-29, 1992



MEAN DATE OF LAST 32°F TEMPERATURE IN SPRING



National Weather Data for Selected Cities

Weather Data for the Week Ending February 29, 1992

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Dec 1	PCT. NORMAL SINCE Dec 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	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	65	43	73	28	54	5	1.8	.5	1.2	11.4	77	7.7	78	93	49	0	1	3	2	2	
MOBILE	70	50	77	37	60	4	2.7	1.3	1.9	22.7	153	19.6	208	96	54	0	0	0	0	0	
MONTGOMERY	70	46	76	32	58	6	2.6	1.4	2.3	21.5	160	16.0	184	92	50	0	0	4	2	1	
AK ANCHORAGE	32	22	37	8	27	7	0	0	0	4.0	149	2.2	134	92	68	0	0	5	5	0	
BARROW	-8	-23	-4	-35	-16	4	.8	.1	.4	2	38	2.2	49	81	69	0	0	7	7	0	
FAIRBANKS	12	-12	19	-32	0	0	.1	.1	.1	2.5	152	1.5	160	88	72	0	0	4	4	0	
JUNEAU	48	38	57	33	43	13	3.8	2.9	1.6	24.3	202	15.3	207	97	73	0	0	6	6	4	
KODIAK	34	21	36	11	27	-3	1.7	.6	1.3	17.0	104	11.2	104	90	58	0	0	7	5	1	
NOME	4	-13	12	-25	-5	-8	.7	.1	.7	1.4	72	7.2	70	78	57	0	0	1	1	0	
AZ PHOENIX	78	54	83	49	66	8	.0	.2	.0	4.2	199	2.5	198	49	15	0	0	0	0	0	
PRESCOTT	62	31	66	27	46	4	.0	.2	.0	5.3	188	3.6	208	67	19	0	6	0	0	0	
TUCSON	74	45	83	41	59	4	.0	.2	.0	4.5	189	3.0	210	58	16	0	0	0	0	0	
YUMA	—	—	—	—	—	—	.0	.2	.0	1.8	194	1.2	200	—	—	0	0	0	0	0	
AR FORT SMITH	65	39	76	29	52	7	.3	.5	.3	7.4	102	2.9	67	93	45	0	1	3	0	0	
LITTLE ROCK	62	44	74	31	53	6	.3	.7	.3	8.0	67	4.2	54	77	56	0	1	2	0	0	
CA BAKERSFIELD	76	47	80	44	61	6	T	.2	T	4.0	153	3.7	185	90	35	0	0	0	0	0	
EUREKA	63	48	71	45	56	7	T	.2	T	9.8	53	7.7	64	95	63	0	0	0	0	0	
FRESNO	75	46	79	42	60	8	.0	.4	.0	7.9	145	6.7	173	90	37	0	0	0	0	0	
LOS ANGELES	79	55	83	51	67	9	.0	.5	.0	9.2	129	6.3	115	57	18	0	0	0	0	0	
REDDING	75	43	83	41	59	7	T	.4	T	18.3	84	13.2	90	90	33	0	0	0	0	0	
SACRAMENTO	71	45	76	41	58	6	T	.6	T	8.4	86	6.9	100	99	52	0	0	1	0	0	
SAN DIEGO	80	53	84	51	67	8	.0	.3	.0	6.9	142	5.2	147	72	19	0	0	0	0	0	
SAN FRANCISCO	72	49	75	47	60	8	T	.7	T	11.2	98	8.5	108	96	42	0	0	1	0	0	
CO DENVER	58	31	70	21	44	9	.1	.2	.1	1.5	87	1.3	109	68	22	0	4	1	0	0	
GRAND JUNCTION	56	30	63	27	43	6	.0	.1	.0	1.1	66	.6	51	75	29	0	6	0	0	0	
FUEBLO	62	27	74	17	44	7	T	.1	T	.8	95	.2	47	61	18	0	6	0	0	0	
CT BRIDGEPORT	42	31	54	16	36	3	.8	.0	.4	8.3	84	4.0	65	88	55	0	2	4	0	0	
HARTFORD	42	28	53	11	35	4	1.0	.1	.4	7.9	73	4.9	74	91	54	0	6	3	0	0	
DC WASHINGTON	53	37	62	29	45	5	1.0	.3	.5	10.1	119	5.0	94	87	57	0	1	4	1	0	
FL APALACHICOLA	68	53	72	40	61	4	.3	.7	.2	16.7	157	15.2	213	98	68	0	0	2	0	0	
DAYTONA BEACH	76	56	82	44	66	5	.6	.2	.6	5.6	73	4.1	75	93	51	0	0	2	1	0	
JACKSONVILLE	73	54	79	42	64	5	1.9	.9	1.2	9.0	100	8.4	129	93	51	0	0	2	2	0	
KEY WEST	80	70	84	63	75	4	.0	.4	.0	2.2	41	1.5	41	87	64	0	0	0	0	0	
MIAMI	80	65	86	56	73	3	.1	.4	.1	3.5	59	3.3	80	92	59	0	0	1	0	0	
ORLANDO	77	59	84	50	68	5	1.0	.2	.6	4.0	56	3.8	72	94	50	0	0	2	1	0	
TALLAHASSEE	70	50	80	32	60	4	.7	.6	.7	14.5	103	12.9	135	98	58	0	1	2	1	0	
TAMPA	73	59	79	49	66	3	1.4	.6	.7	5.8	80	5.1	99	95	63	0	0	2	2	0	
WEST PALM BEACH	80	62	85	51	71	3	.9	.3	.7	6.3	84	5.0	93	94	57	0	0	0	0	0	
CA ATLANTA	67	47	74	33	57	9	1.9	.7	1.4	10.2	76	7.5	81	87	48	0	0	3	1	0	
AUGUSTA	70	47	77	34	59	9	2.8	1.7	1.4	11.6	104	9.1	114	93	53	0	0	3	2	0	
MACON	70	47	75	34	59	7	.9	.3	.6	14.1	111	10.5	120	92	55	0	0	2	1	0	
SAVANNAH	72	52	76	42	62	8	.1	.8	.0	10.6	117	8.9	141	87	48	0	0	2	0	0	
HI HILO	82	64	89	62	73	2	.1	-3.4	.1	17.7	50	2.6	12	87	51	0	0	1	0	0	
HONOLULU	82	65	83	59	74	1	.1	.7	.1	3.0	30	1.8	27	81	48	0	0	1	0	0	
KAHULUI	81	64	83	61	72	1	.0	.7	.0	4.5	46	3.0	43	85	54	0	0	0	0	0	
LIHUE	78	62	81	56	70	-2	T	.9	T	11.2	73	4.1	42	85	55	0	0	0	0	0	
ID BOISE	61	33	71	25	47	8	T	.2	T	1.6	41	1.3	48	92	39	0	2	0	0	0	
LEWISTON	50	39	54	33	45	4	T	.2	T	1.6	45	1.2	53	93	67	0	0	1	0	0	
POCATELLO	55	26	65	22	40	8	T	.2	T	1.1	38	.9	44	96	45	0	7	0	0	0	
IL CHICAGO	41	30	48	22	36	6	.7	.3	.7	5.9	115	2.3	82	96	68	0	6	2	1	0	
MOLINE	45	29	52	23	37	8	.5	.1	.5	4.9	103	3.1	107	91	65	0	5	2	0	0	
PEORIA	46	31	57	26	38	8	.3	.1	.3	4.7	93	2.6	87	95	62	0	4	1	0	0	
QUINCY	48	31	60	25	39	7	.3	.2	.3	4.0	88	2.0	72	92	64	0	6	1	0	0	
ROCKFORD	42	28	47	22	35	8	.3	.0	.3	4.1	93	2.3	90	91	63	0	6	1	0	0	
SPRINGFIELD	51	33	61	28	42	9	.2	.4	.2	4.0	75	2.6	81	97	64	0	4	1	0	0	
IN EVANSVILLE	56	35	70	31	45	7	.3	.6	.3	6.1	64	2.4	39	93	54	0	2	1	0	0	
FORT WAYNE	43	29	51	20	36	6	.1	.4	.1	5.1	79	3.1	75	92	64	0	6	1	0	0	
INDIANAPOLIS	52	32	60	26	42	9	.3	.7	.7	4.0	50	2.6	51	92	51	0	4	1	0	0	
SOUTH BEND	42	28	47	18	35	5	.3	.3	.1	5.1	69	3.4	76	93	60	0	7	4	0	0	
IA DES MOINES	48	27	57	20	38	9	.1	.2	.1	5.3	170	3.1	148	92	55	0	6	2	0	0	
STOUX CITY	51	28	69	21	40	12	.1	.2	.1	2.2	97	1.4	88	95	51	0	6	2	0	0	
WATERLOO	42	26	47	19	34	10	.2	.1	.2	4.1	142	2.5	145	94	68	0	6	1	0	0	
KS CONCORDIA	60	32	73	24	46	12	.1	.2	.1	3.3	152	1.6	111	85	32	0	3	1	0	0	
DODGE CITY	62	32	76	24	47	10	.2	.1	.1	2.8	193	.7	76	84	31	0	3	2	0	0	
GOODLAND	59	31	75	27	45	11	.1	.1	.1	2.0	185	.7	97	83	31	0	5	1	0	0	
TOPEKA	57	31	68	22	44	8	T	.3	T	4.5	141	2.1	107	91	44	0	4	2	0	0	
WICHITA	62	34	73	23	48	10	.1	.2	.1	3.2	128	1.1	74	87	35	0	2	3	0	0	
KY BOWLING GREEN	54	38	68	31	46	5	1.2	.1	.7	12.2	93	5.1	59	93	57	0	2	4	1	0	
LEXINGTON	50	36	63	29	43	6	.7	.2	.4	12.7	119	5.5	80	93	61	0	3	5	0	0	
LOUISVILLE	54	38	69	31	46	7	.9	.0	.7	8.9	89	3.7	56	86	50	0	1	2	1	0	
LA ALEXANDRIA	69	47	76	39	58	3	.6	.6	.4	19.9	143	12.9	142	92	48	0	0	3	0	0	
BATON ROUGE	70	48	79	42	59	3	.1	-1.1	.0	19.6	135	17.2	180	93	48	0	0	0	0	0	
LAKE CHARLES	70	51	79	43	61	5	.1	-1.6	.1	17.1	132	14.9	188	95	53	0	0	2	0	0	
NEW ORLEANS	69	50	78	41	60	3	.1	-1.2	.0	21.3	139	18.7	184	95	57	0	0	0	2	0	

Based on 1951-80 normals.

Weather Data for the Week Ending February 29, 1992

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT			NUMBER OF DAYS							
	AVERAGE	MAXIMUM	AVERAGE	MINIMUM	EXTREME	EXTREME	AVERAGE	DEPARTURE	WEEKLY	DEPARTURE	GREATEST IN	TOTAL, IN.,	PCT. NORMAL	TOTAL, IN.,	PCT. NORMAL	AVERAGE	MAXIMUM	AVERAGE	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP.	
																					LOW	FROM NORMAL	TOTAL, IN.	FROM NORMAL
SHREVEPORT	69	43	76	34	56	3	2.1	1.3	2.0	18.6	164	11.0	148	93	44	0	0	0	0	3	1	0	0	
MR CARIBOU	22	2	32	-11	12	-5	.6	.1	.3	8.6	112	6.5	145	86	52	0	0	0	0	7	7	0	0	
PORTLAND	36	21	43	1	29	3	.5	-.5	.2	12.3	104	8.2	112	86	45	0	0	0	0	4	3	0	0	
MD BALTIMORE	51	31	61	22	41	4	1.2	.4	.5	7.8	84	3.8	63	89	57	0	0	0	0	3	3	0	0	
SALISBURY	53	36	62	27	44	5	2.3	1.4	1.1	10.2	98	6.0	89	93	60	0	0	0	0	3	3	2	0	
MA BOSTON	44	29	48	9	36	4	.7	-.2	.5	8.0	66	5.4	70	91	50	0	0	0	0	3	4	1	1	
CHATHAM	42	30	44	11	36	4	.8	-.2	.7	6.7	50	3.6	42	92	65	0	0	0	0	3	3	1	1	
MI ALPENA	33	18	35	-9	26	4	.5	-.1	.3	4.8	98	3.4	113	89	61	0	0	0	0	7	4	4	0	
DETROIT	41	27	49	15	34	5	.3	-.2	.1	5.2	87	3.3	94	83	53	0	0	0	0	5	2	0	0	
FLINT	40	25	46	12	33	7	.4	.0	.2	4.9	98	2.7	91	88	57	0	0	0	0	7	5	0	0	
GRAND RAPIDS	39	27	45	19	33	6	.4	-.1	.2	5.2	86	2.6	74	90	46	0	0	0	0	3	3	0	0	
HOUGHTON LAKE	34	21	40	6	28	7	.5	-.2	.3	4.4	94	2.6	95	86	55	0	0	0	0	7	7	0	0	
LANSING	40	26	45	17	33	8	.2	-.2	.1	4.9	89	2.7	91	88	57	0	0	0	0	7	7	3	0	
MARQUETTE	30	14	35	-11	22	5	1.1	.6	.5	5.5	87	4.0	102	93	78	0	0	0	0	7	7	4	0	
MUSKEGON	39	27	44	19	33	6	.4	.0	.3	4.5	69	2.7	68	93	63	0	0	0	0	7	7	3	0	
SAULT ST. MARIE	27	13	31	-9	20	3	.4	-.1	.2	6.5	101	3.9	103	88	59	0	0	0	0	7	7	4	0	
MN ALEXANDRIA	38	21	48	5	30	13	.3	-.2	.2	1.9	82	1.3	83	94	70	0	0	0	0	7	7	1	0	
DULUTH	35	20	43	2	27	11	.3	.0	.3	1.8	54	1.2	58	89	61	0	0	0	0	7	7	2	0	
INT'L FALLS	34	13	45	-12	24	11	.2	.0	.2	3.3	134	2.4	153	84	63	0	0	0	0	7	7	3	0	
MINNEAPOLIS	40	24	45	16	32	10	.3	.1	.3	2.3	92	1.2	75	93	58	0	0	0	0	6	2	0	0	
ROCHESTER	37	23	40	15	30	9	.1	-.1	.1	3.1	128	1.6	105	96	71	0	0	0	0	6	2	0	0	
MS GREENWOOD	64	41	72	32	53	3	.5	-.8	.4	14.0	93	5.7	58	96	56	0	0	0	0	1	3	0	0	
JACKSON	68	42	74	31	55	3	.5	-.7	.5	13.4	92	6.1	88	95	48	0	0	0	0	1	3	0	0	
MERIDIAN	68	44	75	31	56	5	1.1	-.2	1.0	17.4	117	11.0	115	98	49	0	0	0	0	1	3	0	0	
MO CAPE GIRARDEAU	59	39	74	32	49	—	.8	-.1	.8	10.4	107	5.3	89	91	52	0	0	0	0	1	3	1	1	
COLUMBIA	54	33	67	25	44	7	.1	-.5	.1	5.2	92	2.5	68	92	55	0	0	0	0	4	4	0	0	
KANSAS CITY	54	32	63	21	43	6	.3	-.1	.2	5.3	136	3.2	133	91	55	0	0	0	0	4	2	2	0	
SAINT LOUIS	55	37	70	31	46	9	.3	-.4	.2	5.1	85	3.0	78	89	51	0	0	0	0	2	2	0	0	
SPRINGFIELD	57	35	72	22	46	7	.6	-.6	.5	6.5	103	3.1	82	88	52	0	0	0	0	3	1	0	0	
MT BILLINGS	62	35	71	26	48	17	.2	-.2	.2	.5	22	.2	13	60	23	0	0	0	0	2	0	0	0	
GLASGOW	59	27	71	18	43	23	.1	-.1	.1	.4	45	.3	43	81	28	0	0	0	0	5	1	0	0	
GREAT FALLS	60	35	70	28	48	18	.2	-.2	.2	.8	32	.7	41	66	23	0	0	0	0	3	1	0	0	
HAVRE	61	26	74	18	44	19	.0	-.1	.0	.2	15	.2	20	81	28	0	0	0	0	7	0	0	0	
HELENA	55	27	63	25	41	12	.0	-.1	.0	1.2	69	.4	35	87	34	0	0	0	0	6	0	0	0	
KALISPELL	45	28	50	23	36	7	.2	-.2	.2	2.6	62	2.0	74	97	64	0	0	0	0	7	0	0	0	
MILES CITY	62	28	73	18	45	19	.2	-.2	.2	.2	9	.1	73	24	0	0	0	0	4	0	0	0	0	
MISSOULA	53	28	59	25	41	9	.2	-.2	.2	1.5	45	.6	27	93	44	0	0	0	0	6	0	0	0	
NE GRAND ISLAND	58	29	73	21	44	13	.2	-.1	.1	4.9	251	2.8	214	87	37	0	0	0	0	4	3	0	0	
LINCOLN	58	27	72	21	42	12	.1	-.3	.1	4.3	188	2.3	140	92	42	0	0	0	0	5	1	0	0	
NORFOLK	55	28	73	20	41	14	.5	-.2	.4	2.9	152	2.1	164	92	45	0	0	0	0	5	2	0	0	
NORTH PLATTE	59	28	74	21	43	13	.9	-.7	.9	3.0	226	2.3	254	93	34	0	0	0	0	6	1	1	1	
OMAHA	53	30	68	21	42	11	.1	-.2	.0	4.2	174	2.5	153	88	54	0	0	0	0	4	2	0	0	
SCOTTSBLUFF	59	27	72	21	43	11	.7	-.5	.7	1.7	128	1.7	206	89	32	0	0	0	0	7	1	1	1	
VALENTINE	57	24	74	16	41	14	.2	-.2	.2	.8	66	.8	94	90	35	0	0	0	0	7	0	0	0	
NV RLY	55	23	63	18	39	9	.0	-.2	.0	1.5	71	1.2	89	80	26	0	0	0	0	7	0	0	0	
LAS VEGAS	71	47	73	44	59	7	.0	-.1	.0	2.0	160	1.7	186	52	18	0	0	0	0	0	0	0	0	
RENO	65	28	71	24	46	7	.0	-.2	.0	1.5	44	.6	27	82	19	0	0	0	0	6	0	0	0	
WINNEMUCCA	63	22	69	17	43	5	.0	-.2	.0	.9	39	.3	20	89	24	0	0	0	0	7	0	0	0	
NH CONCORD	38	22	44	2	30	5	.4	-.3	.3	6.9	79	3.3	62	90	49	0	0	0	0	7	4	0	0	
NJ ATLANTIC CITY	51	32	68	17	42	6	.8	-.1	.6	6.8	65	3.0	45	90	48	0	0	0	0	2	4	1	1	
NM ALBUQUERQUE	58	30	66	25	44	2	.1	-.1	.1	2.3	182	.8	105	75	23	0	0	0	0	6	1	0	0	
CLOVIS	60	35	72	27	47	4	.2	.1	.2	5.0	334	2.2	237	70	27	0	0	0	0	3	1	0	0	
ROSWELL	63	33	73	28	48	1	1.1	1.0	1.1	4.7	376	2.1	241	81	23	0	0	0	0	3	2	1	1	
NY ALBANY	37	24	42	8	31	4	.5	-.1	.2	6.1	80	3.2	68	94	56	0	0	0	0	7	5	0	0	
BINGHAMTON	34	24	44	6	29	4	.8	-.2	.5	6.4	83	3.6	76	93	71	0	0	0	0	6	6	0	0	
BUFFALO	36	24	48	8	30	3	.7	.0	.4	8.3	94	4.5	83	95	67	0	0	0	0	7	5	0	0	
NEW YORK	47	34	61	19	40	5	.4	-.5	.2	6.3	64	2.8	46	88	55	0	0	0	0	1	3	0	0	
ROCHESTER	38	24	45	7	31	4	.6	.0	.4	6.2	86	3.3	71	94	66	0	0	0	0	7	5	0	0	
SYRACUSE	36	24	45	6	30	3	.5	-.2	.3	8.2	98	5.1	98	95	63	0	0	0	0	7	6	0	0	
NC ASHVILLE	57	39	67	30	48	7	3.0	2.0	1.9	11.6	121	6.8	105	92	55	0	0	0	0	1	4	2	0	
CHARLOTTE	63	45	70	35	54	8	2.9	1.8	1.6	10.6	97	7.6	100	86	51	0	0	0	0	0	3	2	0	
GREENSBORO	58	39	65	30	49	6	1.8	.9	1.3	9.4	92	6.6	96	91	58	0	0	0	0	3	4	1	1	
HATTERAS	61	46	64	35	54	6	1.0	.0	.7	13.1	99	8.7	98	93	67	0	0	0	0	0	3	1	0	
NEW BERN	66	45	72	32	55	7	.9	-.1	.4	11.6	99	8.8	110	96	62	0	0	0	0	1	3	0	0	
RALEIGH	60	41	66	29	50	6	1.4	.5	.6	8.7	86	6.0	87	91	58	0	0	0	0	2	4	1	1	
WILMINGTON	69	49	77	40	59	10	2.1	1.2	1.8	11.4	108	9.2	130	91	53	0	0	0	0	4	1	1	1	
ND BISMARCK	48	22	69	6	35	16	T	-.1	T	.9	62	.7	78	93	54	0	0	0	0	5	0	0	0	
FARGO	38	19	55	1	28	13	T	-.1	T	1.8	116	1.4	153	92	74	0	0	0	0	7	2	0	0	
GRAND FORKS	39	16	54	-1	27	13	T	-.1	T	1.3	69	1.0	79	93	64	0	0	0	0	7	1	0	0	
WILLISTON	53	22	66	5	38	18	T	-.1	T	.8	49	.6	56	92	37	0	0	0	0	7	1	0	0	
OH AKRON-CANTON	43	30	55	17	36	6																		

Weather Data for the Week Ending February 29, 1992

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Dec 1	PCT. NORMAL SINCE Dec 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP.	
																		.01 INCH OR MORE	.50 INCH OR MORE		
DAYTON	48	32	59	22	40	7	T	-6	T	7.7	108	4.0	87	88	52	0	2	2	1	0	
TOLEDO	41	29	51	17	35	6	.2	-.3	.1	4.9	76	3.4	89	88	57	0	5	5	2	0	
YOUNGSTOWN	42	29	55	16	36	7	.7	.0	.6	6.4	84	3.9	79	91	64	0	3	3	1	1	
OK OKLAHOMA CITY	64	40	79	30	52	8	.7	.3	.7	7.8	228	2.4	108	82	39	0	1	1	1	1	
TULSA	64	42	80	30	53	9	.1	-.4	.1	6.4	132	1.8	59	82	41	0	1	2	0	1	
OR ASTORIA	61	45	71	37	53	8	.8	-1.0	.5	21.6	72	15.0	81	96	66	0	0	3	1	0	
BURNS	60	28	64	23	44	9	.0	-.2	.0	1.6	40	1.5	58	92	39	0	7	0	0	0	
MEDFORD	70	36	79	33	53	9	.0	-.5	.0	2.5	28	1.4	26	99	40	0	0	0	0	0	
PENDLETON	48	41	56	37	45	3	.3	-.1	.2	2.1	47	1.4	51	89	70	0	0	2	0	0	
PORTLAND	60	43	64	37	52	7	.2	-.6	.2	12.8	78	8.4	84	97	62	0	0	2	0	0	
SALEM	63	42	68	36	52	8	T	-1.0	T	13.0	69	9.2	80	95	59	0	0	2	0	0	
PA ALLENTOWN	47	31	66	17	39	7	.7	-.1	.3	6.7	67	3.2	51	92	56	0	3	5	0	0	
ERIE	38	28	48	16	33	6	.6	-.2	.3	7.7	99	4.5	101	91	67	0	6	3	0	0	
HARRISBURG	46	33	66	25	40	5	.6	-.1	.6	4.7	52	1.8	32	89	52	0	2	1	1	1	
PHILADELPHIA	51	34	67	24	43	7	.4	-.4	.3	6.0	64	2.2	37	85	53	0	2	3	0	0	
PITTSBURGH	45	32	60	18	38	6	.6	-.1	.4	7.5	97	3.9	74	92	64	0	4	3	0	0	
SCRANTON	40	28	51	13	34	5	1.0	-.4	.3	5.4	79	2.6	62	94	63	0	6	5	0	0	
RI PROVIDENCE	46	29	54	12	37	5	.8	-.2	.5	10.1	83	6.9	89	87	50	0	4	5	0	0	
SC CHARLESTON	71	52	76	41	62	10	.4	-.5	.3	8.9	91	7.2	108	88	51	0	0	2	0	0	
COLUMBIA	69	48	78	37	59	9	3.0	2.0	1.6	9.9	84	7.3	87	95	51	0	0	3	2	1	
FLORENCE	69	52	78	40	61	11	1.4	.5	1.2	7.5	76	5.5	79	87	50	0	0	3	1	1	
GREENVILLE	63	42	71	30	52	6	4.1	2.9	2.2	11.5	91	8.6	100	91	56	0	1	3	2	2	
SD ABERDEEN	45	26	61	14	35	15	.4	-.1	.1	1.3	82	1.1	104	98	67	0	6	1	0	0	
HURON	46	25	65	12	35	13	T	-.2	T	2.0	119	1.9	164	92	53	0	7	1	0	0	
RAPID CITY	59	29	74	16	44	15	.1	-.1	.1	.5	34	.4	44	74	30	0	5	2	0	0	
STOUC FALLS	44	24	62	11	34	11	.4	-.1	.3	2.7	129	2.5	179	98	67	0	7	2	0	0	
TN CHATTANOOGA	61	40	68	29	51	6	2.8	1.5	1.4	17.0	113	9.0	91	87	55	0	1	3	2	2	
KNOXVILLE	58	40	65	30	49	5	2.5	1.3	1.4	17.5	131	7.2	82	89	55	0	1	4	2	2	
MEMPHIS	61	42	70	34	51	5	1.0	-.2	.4	11.2	81	4.0	45	92	59	0	0	3	0	0	
NASHVILLE	57	38	68	29	48	4	1.7	.6	1.0	12.8	98	5.6	66	94	57	0	2	3	2	2	
TX ABILENE	63	38	76	31	50	0	2.0	1.7	1.8	11.8	421	5.5	282	88	38	0	2	2	1	1	
AMARILLO	61	32	75	23	46	4	.1	-.1	.1	3.0	208	.8	80	77	25	0	4	2	0	0	
AUSTIN	69	47	81	40	58	2	1.7	1.1	1.6	25.6	419	11.4	281	82	42	0	0	2	1	0	
BEAUMONT	70	48	81	40	59	3	.5	-.5	.4	29.1	220	17.5	211	95	54	0	0	2	0	0	
BROWNSVILLE	75	52	82	40	64	-1	.2	-.1	.2	6.7	171	5.5	199	90	41	0	0	1	0	0	
CORPUS CHRISTI	72	48	83	39	60	-1	1.4	1.1	1.4	19.4	453	9.6	313	94	45	0	0	1	1	1	
DEL RIO	72	44	80	37	58	0	1.5	1.3	1.5	8.8	450	5.7	409	73	30	0	0	1	1	1	
EL PASO	67	37	75	29	52	1	T	-.1	T	4.6	393	1.3	165	66	21	0	1	0	0	0	
FORT WORTH	65	43	79	34	54	3	1.6	1.1	1.1	14.4	275	5.7	160	88	48	0	0	2	2	2	
CALVESTON	67	53	74	43	60	2	1.2	.7	1.1	19.2	215	16.8	315	89	56	0	0	2	1	1	
HOUSTON	70	47	82	37	59	2	1.3	.5	1.2	23.0	218	13.7	202	93	47	0	0	2	1	1	
LUBBOCK	65	35	77	32	50	5	1.2	1.0	1.1	5.6	420	3.4	364	84	31	0	2	2	1	1	
MIDLAND	65	35	77	31	50	0	1.3	1.2	.7	6.0	429	3.8	393	83	31	0	3	3	2	2	
SAN ANGELO	68	36	79	31	52	-1	1.6	1.5	1.5	9.7	469	5.7	395	93	35	0	1	2	1	1	
SAN ANTONIO	71	43	82	33	57	0	1.1	.7	1.1	26.0	549	12.0	356	89	37	0	0	2	1	1	
VICTORIA	73	49	86	38	61	2	1.7	1.2	1.7	20.3	325	14.1	343	89	43	0	0	1	1	1	
WACO	66	43	78	35	54	1	2.2	1.7	1.6	19.2	343	10.8	292	93	49	0	0	2	2	2	
WICHITA FALLS	64	40	78	30	52	4	.7	.4	.6	9.9	319	2.9	154	87	44	0	1	2	1	1	
UT CEDAR CITY	57	28	64	23	42	6	T	-.2	T	1.9	89	1.5	104	83	30	0	7	0	0	0	
SALT LAKE CITY	56	33	66	29	44	7	T	-.4	T	2.4	61	2.0	77	86	39	0	3	0	0	0	
VT BURLINGTON	30	12	38	-8	21	-1	.2	-.3	.1	4.6	77	3.2	91	95	55	0	7	4	0	0	
VA NORFOLK	55	42	65	34	49	5	.9	.1	.4	9.0	89	6.6	94	92	63	0	0	4	0	0	
RICHMOND	54	37	64	26	46	4	1.7	.9	.8	9.0	93	4.5	71	90	62	0	2	4	2	2	
ROANOKE	52	38	62	31	45	5	2.6	1.7	1.1	8.8	99	6.3	105	88	57	0	1	6	3	1	
WA QUILLAYUTE	60	43	73	38	52	9	1.0	-2.0	.6	41.9	95	31.2	118	99	68	0	0	4	4	3	
SEATTLE-TACOMA	61	43	67	39	52	8	.1	-.8	.1	16.2	98	10.9	107	96	62	0	0	1	0	0	
SPOKANE	44	37	47	27	40	5	.2	-.1	.1	5.1	78	3.9	96	97	82	0	1	2	0	0	
YAKIMA	49	39	54	26	44	5	T	-.1	T	2.2	63	.9	41	97	69	0	1	2	0	0	
WV BECKLEY	50	36	56	25	43	8	1.5	.7	.7	10.7	110	4.3	65	94	57	0	3	6	1	1	
CHARLESTON	52	38	64	28	45	6	1.9	1.1	.9	10.6	108	4.7	71	95	61	0	1	5	2	1	
HUNTINGTON	51	37	62	28	44	5	1.3	.5	.5	9.3	102	4.0	66	92	56	0	1	6	1	1	
PARKERSBURG	49	34	60	24	42	5	.6	-.1	.3	7.8	96	2.7	50	94	59	0	1	5	0	0	
WI GREEN BAY	37	23	43	12	30	9	.2	-.1	.2	2.7	75	1.3	58	93	59	0	7	3	0	0	
LACROSSE	41	26	47	20	34	10	.1	-.1	.1	3.4	116	1.7	93	90	57	0	6	1	0	0	
MADISON	40	26	47	18	33	9	.3	.0	.3	3.8	106	2.1	101	90	68	0	6	2	0	0	
MILWAUKEE	41	28	49	18	35	8	.3	-.1	.2	4.6	92	2.6	90	88	62	0	5	2	0	0	
WAUSAU	37	21	41	9	29	9	.5	-.2	.4	2.6	84	1.2	66	98	70	0	7	3	0	0	
NY CASPER	54	29	63	20	41	12	T	-.2	T	.9	58	.5	51	75	30	0	4	1	0	0	
CHEYENNE	52	28	63	18	40	9	.1	-.1	.0	.6	48	.5	55	70	29	0	5	2	0	0	
LANDER	52	27	61	19	39	11	T	-.2	T	.9	59	.7	63	69	31	0	7	1	0	0	
SHERIDAN	59	30	71	17	44	15	T	-.2	T	.8	35	.2	14	69	28	0	4	1	0	0	

Based on 1951-80 normals.

HEATING DEGREE DAYS (Base 65° F)
February 23 - 29, 1992

(Cumulative totals and departures from normal are for the period July 1, 1991 - February 29, 1992)

Table with 12 columns: STATES AND STATIONS, WEEKLY (TOTAL, DEPARTURE), CUMULATIVE (TOTAL, DEPARTURE, DEP fm 90-91), STATES AND STATIONS, WEEKLY (TOTAL, DEPARTURE), CUMULATIVE (TOTAL, DEPARTURE, DEP fm 90-91), STATES AND STATIONS, WEEKLY (TOTAL, DEPARTURE), CUMULATIVE (TOTAL, DEPARTURE, DEP fm 90-91). Rows list various states and stations with their corresponding heating degree day data.

Based on 1951-80 normals.

National Agricultural Summary

February 24 - March 1, 1992

HIGHLIGHTS: A warm weather front traversed the Nation during the week, bringing record high temperatures to many Western and Central States. Overwintering crops were breaking dormancy in the Central States, and fruit trees were showing signs of early budding. Heavy rains fell from Texas through the Southeast, slowing field activities and aggravating crop stress due to excessive moisture in the Gulf region.

SMALL GRAINS: Continued above-normal temperatures caused further greening of fall-seeded grains from the Rocky Mountains through the Ohio Valley. Excessive moisture was hampering wheat growth in the Gulf States, and some Arkansas producers were resorting to aerial application of fertilizers due to wet field conditions. Russian aphides were reported in some Washington winter wheat, and spring wheat planting began in Grant County, WA. Most regions continued to report wheat condition as fair to good.

OTHER FIELD CROPS: Cotton stalk shredding continued in Arizona, while planting was underway in southwestern Arizona, southern Texas, and the Rio Grande Valley. Late cotton harvesting continued in Oklahoma. Some corn and sorghum fields were planted where conditions allowed in the Texas Blacklands and Rio Grande Valley, and corn planting continued in southern Georgia. Oats were being sown in southeastern Nebraska. Greenchopping of alfalfa and barley continued in southern California. Sugarcane harvest was slowing in Florida. Some early planted potatoes began to rot due to wet conditions in east Texas. Preparations for spring planting intensified across the Nation in response to the warmer weather.

FRUIT AND NUTS: Arizona harvests of lemons, grapefruit, oranges, tangerines, and pecans continued. California almonds were in full flower, and pollination was active. Early variety apricots, nectarines, peaches, and plums were also blooming, and fungicides were being applied. California navel orange harvest was in full swing, and avocado and grapefruit harvests continued in Riverside County. Florida's early and midseason orange harvests were completed, and Valencia harvest

was increasing. Grapefruit movement was active, and temple and honey tangerine harvests were slowing. Early varieties of peach trees were beginning to bloom in Georgia. Orchard, grape, and nut pruning continued in the West. Maple syrup drawing continued in Virginia.

VEGETABLES: Lettuce harvest remained active in Arizona. California asparagus harvest was active, as were the harvests of broccoli and cauliflower in the central producing regions. Celery packing was light, and broccoli, cauliflower, and lettuce harvests were slowing in the desert areas. Onion field work in the Tulalake-Butte Valley area was on hold, awaiting word on water availability. Strawberry harvest continued in Riverside County, CA, with excellent quality. Fresh market tomato and cucumber planting under hotcaps resumed in the San Joaquin Valley, and processing tomato plantings were emerging. Transplanting of tomato, pepper, and watermelon seedlings was almost over in the Imperial Valley. Rainfall slowed field activity in some central and southern Florida locations, while spring planting was increasing in northern areas. Harvests of Florida's winter and early spring vegetable crops remained active, with tomatoes, cabbage, peppers, potatoes, squash, celery, strawberries, sweet corn, and snap beans leading the list in volume. Rio Grande Valley harvests of cabbage, carrots, and broccoli continued with favorable weather. Texas melon planting continued as conditions allowed.

PASTURES AND LIVESTOCK: Calving and lambing continued in the West, with mild weather favoring newborn health. A few flocks of sheep were shorn in Wyoming. On the Texas Plains, some cattle had to be moved off wheat pastures due to bloat problems.

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 0.50 to 1.00 in. Tennessee Valley; under 0.50 in. extreme southeast; 1.00 to 2.00 in. elsewhere. Temperatures 1 to 5° above normal most areas; 5 to 7° above normal extreme southeast.

Acresage intended for spring planting 10% prepared, 18% 1991. Fieldwork progress 50% on schedule; 50% behind, 1 to 2 weeks. Winter wheat 2% poor, 51% fair, 42% good, 5% excellent; good growth northeast, excess moisture hampering growth other areas; disease pressure light to nonexistent. Livestock 29% fair, 71% good; muddy conditions causing some stress; movement normal to slow. Hay, roughage supplies for remainder of feeding season 8% very short, 10% short, 70% adequate, 12% surplus. Soil moisture 3% short, 26% adequate, 71% surplus. Primary activities: Repairing equipment, fences; nitrating wheat, small grains; testing soil; breaking land; planting Irish potatoes, spring vegetables; pruning fruit trees; farm planning, tax preparation; attending production meetings; harvesting catfish, stocking ponds; general care, feeding of livestock, poultry, catfish.

ARIZONA: Windy, gusts to 40 mph, 23rd; light rain, snow, east. Clear, sunny skies remainder of period. Rainfall ranged from a trace southeast to 0.03 in. north. Temperatures for period normal to 8° above. Extremes 19°; 77° higher elevations, 31°; 85° deserts.

Cotton stalk shredding active, east; preplanting preparations continued west, central; planting began southwest. Alfalfa condition good; insects moderate. Small grains jointing, 40%, 42% 1991, 48% avg. Lemons, grapefruit, oranges, tangerines, mixed vegetables, lettuce harvested central, west. Pecans harvested, central. Lettuce planting, east. Pasture, range conditions 73%. Range conditions poor to fair north, good to excellent central, southeast. Cattle, calves good, central, southeast; poor to fair, north. Stock-water, soil moisture adequate statewide. Range, feed supplies, below average, north; average central, southeast. Insect damage, light.

ARKANSAS: Temperatures well above normal, scattered showers first half of week, heaviest in south. Extremes 23°; 80°. Rainfall none to 2.99 in.

Wheat fair to good. Nitrogen applied to most wheat fields, some by aerial applicators. Seedbed preparation for cotton ongoing. Most areas still need dry weather for fieldwork. Fertilizer being applied to cool season pastures. Livestock good. Some peach buds beginning to swell, not blooming yet.

CALIFORNIA: Strong high pressure built over State with record warm temperatures throughout the State. By the weekend a low pressure trough neared the coast. Rain fell at only a few places the last day of the week when temperatures began to cool.

Progress of field activities slowed; wet soils most areas. Small grains, new alfalfa excellent growth, increased sunshine, warmer temperatures. Seeding small grains, forage crops winding down most areas. Broadleaf weed control ongoing alfalfa, small grains. Green chopping alfalfa, barley, southern counties. Ground preparation spring planted crops, light soil areas. Heavier soils not yet dry enough. Almonds full flower, pollination active. Leafing out started few almond orchards. Early variety apricots, nectarines, peaches, plums blooming, fungicides applied. Some pruned, treated weeds, others planted trees, grafted. Dormant spray applied cherries, Stockton area. Some grape growers prune, tie vines. Navel orange harvest full swing. Avocado, grapefruit harvest continued, Riverside County. Asparagus harvest active Delta, Imperial Valley areas. Broccoli movement moderate Salinas Watsonville, fairly heavy Santa Maria, good quality. Cauliflower supplies fairly light, seasonally increasing good quality Salinas Watsonville; fairly heavy Santa Maria variable quality. Celery packing very light, variable quality, Santa Maria. Broccoli, cauliflower, lettuce harvests near end desert areas. Onion fieldwork Tulare Butte Valley on hold, awaiting word on water availability. Fall potato movement Tulare Butte Valley light. Strawberry harvest continued Riverside County excellent quality. In central valley, fresh market tomato, cucumber planting under hot caps resumed after rain delays, processing tomato plantings emerging. Other vegetables harvested: cabbage, green onions, various oriental vegetables. Trans-planting tomato, pepper, watermelon seedlings almost over Imperial Valley. Range, pasture mostly good to excellent. Grass growth increased. Stock ponds reported in good shape. Snow pack best in many years. Sheep grazing alfalfa. Supplemental feeding slowed. Livestock good condition. Calving, lambing activity increased. Bees into orchards.

COLORADO: Dry spring-like weather covered the State entire week. Only a trace of precipitation at lower elevations, a trace to 2 in. of snow in mountains on 24th, 25th. Temperatures rose to near record levels by the end of the week with some windy conditions eastern areas. Temperatures 6 to 12° above normal except where fog in the San Luis Valley kept average temperatures 3 to 5° below normal.

Weather conditions excellent for early calving, lambing. Some winter wheat areas could use additional precipitation. Additional greening of wheat fields with warm temperature. Fieldwork picking up but some soils still too wet for equipment. Machine maintenance, preparation for use active.

FLORIDA: Temperatures 1 to 5° above normal. Highs around 80 north, low 80s central, middle, upper 80s south. Lows in the low to middle 30s Panhandle, Big Bend, 40s central, south. Rained 1 to 3 days over State. Rain; under 0.50 in. north, some locations over 1.00 in., 1.00 to 3.00

in. common central with some locations over 5.00 in., over 1.00 in. south, under 0.30 in. lower southeast coast.

Soil moisture adequate to surplus Panhandle, northern Peninsula; adequate central, southern Peninsula. Wet fields delayed field preparations, planting of corn Panhandle, northern Peninsula. Sugarcane harvest starting to wind down. First mill closed. Tobacco field preparation, weather permitting. Citrus groves, trees excellent condition. Hard rain this week. New growth and bloom buds in all stages in all areas. Some open bloom southern areas, early mid orange harvest clean up complete. Valencia harvest increasing. Grapefruit movement active all areas. Temple, Honey tangerines harvest slowing. Caretakers cutting cover crops, hedging harvested groves, unbanking young trees, draining, storing heaters. Above normal temperatures cooled by weekend over major vegetable producing areas. Rainfall slowed field activity some central, southern locations. Spring planting becoming active northern areas. Harvest winter, early spring crops active. Volume leaders: tomatoes, cabbage, peppers, potatoes, squash, celery, strawberries, sweet corn, snap beans. Also available: Carrots, cucumbers, eggplant, escarole, lettuce, radishes. Planting watermelons underway northern areas. State's pastures poor to good. Pasture ratings 10% poor, 35% fair, 40% good, 15% excellent. Moisture levels adequate to surplus. State's cattle herds poor to good condition.

GEORGIA: Warm week. Temperatures 2 to 6° above normal. Highs upper 60s northeastern mountains to upper 70s near Florida border. Lows mid, upper 20s mountains to around 40 extreme southeast. Rain 1 to 3 days. Amounts between 1.00 to 3.00 in. north, under 0.50 in. central, south.

Soil moisture adequate to surplus statewide. Field activity limited due to rains. Onion disease problems, condition poor to fair. Small grains fair to mostly good, widespread application of nitrogen fertilizer in fields able to support equipment. Tobacco plants good. Corn planted: 3% extreme south. Early varieties of peach trees beginning to bloom.

HAWAII: Generally dry. Light to moderate showers on 24th from fast moving front. Drought emergency declared for Hawaii island. Not expected to seriously affect agriculture since most farmers are on State-run irrigation systems. Accompanying ban on burning, however, will adversely affect sugarcane harvesting. No water restrictions in effect for other parts of State. Temperatures ranged from low 60s to low 80s. Rainfall none to 0.40 in.

Days suitable for fieldwork 7.0. Production steady for bananas, head cabbage, tomatoes, papayas. Bell pepper production heavy.

IDAHO: Temperatures were above normal with some record highs recorded. Precipitation was minimal.

Soil moisture varied from short to adequate across State. Activities: Marketing potatoes, attending meetings, repairing equipment, preparing for spring fieldwork. Hay, roughage supplies adequate to surplus. Livestock reported in good to excellent condition.

ILLINOIS: Mild weather conditions continued across State. Average highs were 45 to 60°, while average lows were 27 to 38°, which was 5 to 10° above normal across the State. A brief cold shot in some areas on 29th, that produced morning temperatures in the teens, was followed by highs on the 1st in the 60s to 70s. Precipitation was mostly in the north as amounts were below normal, at one third inches or less. Four inch soil temperatures averaged above freezing in most parts of the State.

INDIANA: Temperatures 6 to 12° above normal. Highs mid 40s to mid 50s. Lows upper 20s to mid 30s. Precipitation 0.15 to 0.69 in. Increased sunshine and warm temperatures warmed soils considerably.

Fieldwork limited most areas, plowing some fields. Main activities were selling grain, spreading fertilizer, seeding legumes, grasses. Other activities: Topdressing wheat, seeding mint, ditching for tile, program sign up, machinery repair, fence repair, building maintenance, attending meetings, purchasing supplies, tax preparation, care of livestock. Winter wheat mostly poor to good. Wheat breaking dormancy. Hay supplies tight. Livestock mostly good.

IOWA: Temperatures 9 to 16° above normal. Extremes 11° 25th, Estherville, Sheldon; 77° 1st, Des Moines, Sioux City. Twelfth consecutive week of above normal temperatures. No measurable precipitation west 0.33 to 0.47 in. southwest. Rainfall 0.05 in. normal 0.28 in.

KANSAS: Temperatures 20° above normal south central; 9° to 11° above normal elsewhere. Light rainfall recorded across most of State.

Topsoil moisture generally adequate to surplus, eastern areas. Farmers using excellent weather to start early seedbed preparation. Wheat breaking dormancy, greening up. Good secondary root growth noted central, east. Livestock generally good condition. Mild weather reduced stress, heavy feeding usually seen during winter months. Rabies cases reported in wild animals; little or no cases domestic animals.

KENTUCKY: Above normal temperatures varied rainfall. Highs mid 50s, lows mid 30s, 5 to 10° above mean. Rainfall 0.25 in. western two-thirds of State, 0.75 in. below mean; 1.50 in. eastern third, 0.50 in. above average.

Winter wheat green, showing growth. Concern over early crop growth and breaking dormancy of fruit crop. Burley sales mostly finished, two markets remain open. Early plowing, tobacco bed preparation continued. Livestock feed requirements lessened by continued warm weather. Soil moisture mostly adequate.

LOUISIANA: Temperatures 11 to 12° above normal. Extremes 27°; 82°. Rainfall 0.11 in. east central to 1.78 in. northwest.

Main activities: Most areas still too wet for fieldwork. A few more drier wheat, winter pasture fields were top dressed. Drainage work in fields continued active as did livestock care, feeding. Some spring vegetables were planted, some rice farmers began water leveling fields. Crawfishing continued active.

MARYLAND & DELAWARE: MARYLAND: Precipitation 1.20 in. Temperature 44.3°, normal 37.4°. Extremes 26°; 70°.

Activities: Buying seed, fertilizer; active preparation for spring planting; marketing, caring for livestock; checking on newborn livestock; cutting firewood.

DELAWARE: Precipitation 1.30 in. Temperature 44.7°, normal 38.6°. Extremes 30°; 66°.

Activities: Marketing, caring for livestock; purchasing seed, fertilizer; active preparation for spring planting; checking on newborn livestock; cutting firewood.

MICHIGAN: Temperatures 4 to 8° above normal. Extremes -11°; 51°. Precipitation 0.09 to 0.89 in. across the State. Warm temperatures continued throughout State last week building into a crescendo of sunshine, spring-like weather by 1st. Beef calves, lambs look good. Feed supplies are remain adequate. Major activities: Doing taxes; marketing crops; hauling manure; caring for livestock.

MINNESOTA: Temperatures 10 to 14° above normal for the State. Extremes -12°; 67°. Precipitation 0.08 in. below normal to 0.05 in. above normal State. Precipitation 0.01 to 0.24 in. Greatest weekly total 0.50 in. at Caledonia. Snowfall a trace to 3 in. for the State. Snow depth at weekend 19 in. for the northeast, north central, none to 2 in. elsewhere.

MISSISSIPPI: Temperatures 54°, 11° above normal. Extremes 24°; 80°. Most regions received average or slightly below the average rainfall. Rainfall 0.82 in., 0.27 in. below normal. Soil temperature 54°.

Days suitable for fieldwork 1.7, 0.9 1991, 1.2 avg. Soil moisture 33% adequate, 56% surplus, 11% excessive. Wheat 42% fair, 58% good. Hay supply 13% short, 87% adequate. Feed grain 14% short, 86% adequate. Livestock 18% fair, 82% good. Activities: Preparing fields, beginning corn planting in south.

MISSOURI: Temperatures 5 to 9° above normal. Rainfall 0.14 in., northeast, southeast highest at 0.30 in.

Topsoil 5% short, 74% adequate, 21% surplus, wettest southeast. Subsoil moisture 21% short, 75% adequate, 4% surplus. Wheat 8% very poor, 30% poor, 56% fair, 6% good. Hay supply 11% very short, 19% short, 65% adequate, 5% surplus, main shortages west central, southwest. Livestock water supply 1% critically short, 11% short, 88% adequate. Livestock 6% poor, 38% fair, 52% good, 4% excellent.

MONTANA: Warm, dry, many stations reported new record high temperatures latter part of week. Most stations reported temperatures 15 to 20° above normal. Some rain in west, amounts less than 0.10 in.

Winter wheat condition unchanged from week ago. Calving, lambing continues under favorable conditions.

NEBRASKA: Very warm. Temperatures 13 to 18° above normal. Extremes 16°; 81°. Scattered precipitation occurred at the beginning of the week with amounts from a trace in the west up to 0.29 in. the southwest.

Winter wheat 2% very poor, 13% poor, 53% fair, 29% good, 3% excellent. Wheat starting to green up, cold spell could cause much damage. Oats were being sown, southeast. Cattle 13% fair, 72% good, 15% excellent. Calving 20% complete. Lambing in full swing, many reports 50% or more complete. Losses light, muddy conditions the only reported problem. Muddy feedlots reduced weight gains.

NEVADA: Temperatures well above normal over the entire State, with temperatures as much as 10° warmer than normal in the northeast. Extremes 17°; 78°. No precipitation recorded anywhere in the State.

Irrigation water supplies continue to concern farmers, ranchers even after the moisture received in February. Fieldwork starting south, major activities livestock care, general maintenance.

NEW ENGLAND: Precipitation none to 0.45 in. north; none to 0.20 in. south. Average temperatures 0° to low 20s north, high teens to high 20s south. Maximum temperatures mid teens north to mid 40s south; minimum temperatures -21° north to mid teens south.

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

NEW JERSEY: Temperatures near normal, averaged 33° north, 39° south, coastal. Extremes 5°; 65°. Precipitation below normal south, near normal north, coastal; averaged 0.84 in. north, 0.49 in. south, 0.85 in. coastal. Heaviest 24 hour total 0.83 in. on 25th, 26th.

Farmers caring for livestock; repairing equipment; firming up planting schedules.

NEW MEXICO: Warm, dry weather was recorded across the northern two-thirds of the State. Temperatures 4 to 5° warmer than usual over the northeastern plateau, 5 to 7° above normal over the northeastern plains. Southeastern plains, southern half of central highlands had the only measurable precipitation and were several degrees cooler than average.

NEW YORK: Mild week. Only northern parts of Adirondacks, St. Lawrence Valley averaged below normal. Temperatures 2 to 5° above normal south of this region. It turned sharply colder on the 28th, 29th as an Arctic front crossed the area. Two storms brought significant precipitation. First on the 25th, 26th brought nearly 1.00 in. of rain to the Catskills, Lower Hudson Valley. A winter storm on the 28th dumped 3 to 7 in. of snow in the Adirondacks, St. Lawrence Valley.

Major activities: Caring for livestock, moving crops from storage, attending meetings, winter chores. Maple syrup producers preparing for upcoming season.

NORTH CAROLINA: Weather Data Not Available. Days suitable for fieldwork 2.1 Soil moisture 57% adequate, 43% surplus. Crop condition: Wheat 19% fair, 81% good; oats 19% fair, 81% good; barley 23% fair, 77% good; rye 16% fair, 84% good; pasture 14% poor, 38% fair, 46% good 2% excellent; tobacco plant beds 2% poor, 23% fair, 73% good, 2% excellent. Irish potato planting 17%, Hay, roughage supplies 4% short, 92%

adequate, 4% surplus. Feed grain supplies 1% short, 95% adequate, 4% surplus. Livestock feed from pastures 27%. Activities: Land preparation; cutting wood; preparing, seeding tobacco plant beds; tending livestock; pruning fruit trees; equipment repair; general farm maintenance.

NORTH DAKOTA: Temperatures 12° above normal northeast to 20° above normal northwest. Extremes -11° northeast; 72° south central. Precipitation none southwest, west central to 0.07 in. southeast.

Average snow depth 0.50 in. Snow cover sufficient to protect: 1% winter wheat, 6% rye, 4% alfalfa. Winter wheat seedings none very poor, 13% poor, 63% fair, 24% good, none excellent. Rye seedings none very poor, 6% poor, 62% fair, 31% good, 1% excellent. Calving 15% complete, lambing 29%, shearing 50%. Cattle 11% fair, 77% good, 12% excellent. Sheep 7% fair, 78% good, 15% excellent. Hay, forage supplies are none short, 89% adequate, 11% plentiful. Pastures open for grazing 83%; 99% cattle, sheep receiving supplemental feed.

OHIO: Cold front moved across the Great Lakes late on the 28th with showers over State, which changed to snow showers on 29th. Sharp changes occurred again on 1st with spring-like weather over the State behind a warm front. High temperatures low to mid 40s in the north, to the upper 40s to low 50s in the south, which was mostly 2 to 6° below normal across the State. Lows upper 20s north, to the upper 20s to mid 30s central, south, which was mostly 3 to 8° above normal across State. Temperatures reached highs in the mid 50s to mid 60s for highs on 1st. Precipitation totals in water equivalents for the 7 days around less than 0.20 in. over the west, to 0.25 to 0.75 in. east. This was drier than normal by around 0.20 to 0.75 in. across much of the State. No snow cover was reported across the State by the end of the period. Soil temperatures at the four inch depth under bare ground averaged mostly in the upper 30s.

OKLAHOMA: Temperatures 4° above normal southeast to 11° above normal northeast. Precipitation none Panhandle to 0.49 in. south central.

Topsoil 3% short, 70% adequate, 27% surplus; subsoil moisture 8% short, 92% adequate. Pasture, range 87% normal. Wheat 14% jointing; wheat 2% poor, 4% fair, 87% good, 7% excellent. Mild weather caused rapid growth of wheat, continued cotton harvest. Cattle good; marketings average; prices mixed from last week.

OREGON: Temperatures above normal statewide. Most areas 7 to 10° above normal, north central areas 5° above normal. Precipitation minimal statewide. Western areas received less than 0.20 in., 0.40 in. northern Cascades, 0.20 in. high plateau. Elsewhere remained dry.

Soil moisture, mostly adequate, western areas; short to adequate, eastern areas. Winter wheat fair to good. Orchard, grape, nut pruning continued. Livestock mostly good. Pastures dry, eastern areas, good, western areas. Calving, lambing continue. Range, pasture, poor to fair, eastern areas; good to excellent, western areas.

PENNSYLVANIA: Warmer, wetter week than normal across the State. Temperature 35°, 7° above normal. Extremes -4°; 67°. Precipitation 0.79 in., 0.14 in. above normal.

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

PUERTO RICO: Island rainfall 0.45 in. was 0.09 in. below normal. Highest rainfall 1.96 in. at Pico Del Este Luquillo, 1.26 in. Coñovanas, 1.20 in. at Toa Baja. Divisional temperatures 74 to 77° on the Coasts, 68 to 70° Interior with mean station temperature 61.9° at Pico Del Este Luquillo to 78.6° at Rincon. Extremes 45°; 92°.

SOUTH CAROLINA: Temperatures 6 to 11° above normal statewide. Rainfall 2.10 in. statewide.

Farm activities: Tobacco bed spraying continued; spring planting preparation continued; small grain condition very good; livestock good.

SOUTH DAKOTA: Temperatures 10 to 20° above normal over the entire State. Extremes -4°; 76°. Precipitation was light with most amounts less than 0.10 in. Maximum precipitation 0.43 in. For the year precipitation is below normal in the far west (up to 0.88 in. below), and above normal elsewhere (up to 1.26 in. above).

TENNESSEE: Low pressure system moving out of the Gulf of Mexico spread rains moving into State through midweek. Cold front pushed through State bringing additional precipitation 29th, 1st. Temperatures averaged generally above normal. Ranged from normal over the Cumberland Plateau to 6° above normal over western sections. High temperatures 55 to 62°, lows averaged 35 to 38°. Precipitation fell over all sections of State. Above-normal rainfall recorded in eastern counties. Below normal amounts elsewhere.

Soil moisture supplies generally short west, middle; adequate East. Hay, roughage supplies adequate for remainder of winter. Winter wheat remains mostly good to excellent. Spring plowing progressed well last week between showers. Insect population levels high. Livestock mostly good to excellent. Primary activities: Preparing, tending tobacco plant beds; plowing fields; preparing records, taxes; attending meetings; caring for livestock.

TEXAS: Exiting low pressure system produced heavy rains over much of State early in week. Rain amounts above normal in most locations, except Lower Valley. Heaviest rains across eastern half of State with districts reporting from 0.25 in. to 1.00 in. above normal. Dry northwestwardly wind flow aloft developed by the weekend. Temperatures remained warm, all districts near or above normal readings for week. Northern High Plains, lower Rio Grande Valley averaged 10° above normal.

Crops: Some corn, sorghum fields planted where conditions allowed in Blacklands and Rio Grande Valley. Planting will resume as fields dry. Corn planted 2% 1992, 5% 1991, 5% avg. Sorghum planted 2% 1992, 1% 1991, 1% avg. Small grain fields continued to improve with good weather. Many fields need fertilizing, fields remained wet. Early planted wheat jointed. Some insect infestation control began in High Plains. Wheat condition: 82% normal compared with 66% 1991.

Commercial Vegetables: Rio Grande Valley, harvest of cabbage, carrots, broccoli continued with favorable weather. Melon planting continued as conditions allowed. East Texas, some early planted potatoes began to rot in ground from wet conditions. High Plains, land preparation delayed due rain early in week.

Range and Livestock: Range and pasture conditions improved across State. Livestock conditions improved with open weather in most areas. On the Plains some cattle moved off wheat pastures due to bloat problems. Supplemental feeding continued. Stock tanks full. Rain, and cool weather swept through the state early last week; however, clear, warm temperatures at midweek began drying up saturated fields. Field activities continued to be delayed in heavily saturated fields although some producers were able to continue fieldwork by weekend. Sunshine, warmer temperatures were ideal for small grain growth, continued dry conditions are needed over the next few weeks for spring land preparation and limited planting to proceed. Cotton planting began in South Texas and the Rio Grande Valley. Range, pasture conditions have provided good growth on cool season grasses. Sheep shearing has been delayed due to cool, wet weather early in the week.

UTAH: Temperature maximums 5° above normal; minimums 6° above normal. Precipitation moderate in north central, northern mountain divisions to light elsewhere.

Major farm activities: machinery repair, building maintenance, purchasing supplies, care of livestock, preparing for this year's crops.

VIRGINIA: Temperatures above normal. Extremes 19°; 70°. Precipitation was well above normal, ranging from 1.00 to 2.00 in.

Days suitable for fieldwork 1.7. Topsoil 2% short, 58% adequate, 40% surplus. Pasture 4% very poor, 23% poor, 59% fair, 13% good, 1% excellent. Alfalfa 15% poor, 58% fair, 27% good. Barley 9% poor, 51% fair, 31% good, 9% excellent. Wheat 5% poor, 55% fair, 34% good, 6% excellent. Tobacco plantbed 11% poor, 33% fair, 56% good. Tobacco plantbeds 44% seeded. Producing Maple syrup, some topdressing, planting potatoes, repaired equipment.

WASHINGTON: Temperatures 6 to 10° above normal west; 2 to 9° above normal east. Precipitation 0.41 to 1.30 in. west; none to 0.35 in. east.

Days suitable for fieldwork 2.9. Soil moisture 10% short, 75% adequate, 15% surplus. Hay, other roughage 16% short, 66% adequate, 18% surplus. Range, pasture 15% poor, 35% fair, 45% good, 5% excellent. Winter wheat 24% fair, 76% good. Winter barley 8% fair, 92% good. Unseasonably warm temperatures dominated statewide. Warm temperatures resulted in a flurry of agricultural activity in the west; most areas were too wet to work in the central, eastern areas. Pastures greening up, growing in most locations. Russian aphids were being reported in some early seeded winter wheat. Spring wheat planting began in Grant county. Pruning, orchard clean up continued. Calving, lambing continued on most operations.

WEST VIRGINIA: Temperature 41°. Extremes 13°; 65°. Precipitation 1.11 in.

Days suitable for fieldwork 2.6. Soil moisture, 4% short, 83% adequate, 13% surplus. Wheat good. Barley good. Hay feed supplies, adequate. Other feed supplies, adequate. Cattle, good. Sheep, good. Cows calved, 41%. Sheep lambled, 47%. Farm activities: General maintenance, plowing, fencing, calving, lambing.

WISCONSIN: Temperature 33°. Extremes -16°; 69°. Temperatures 5 to 10° above normal for the week. Record-breaking temperatures on the 1st across the State. Snow accumulations of 3 to 6 in. northern two-thirds of State on 24th. Only 1 to 2 in. fell in the southern third. Light rain changed to snow across parts of State on 27th.

WYOMING: Warm week throughout the State with temperatures from 2 to 16° above normal. Precipitation was normal across the southern portion of the State, and well below normal in the northern half of the State.

1992 Winter wheat fair to good condition. Additional moisture greatly needed. It has been a very open, dry winter. Livestock in mostly good. Supplemental feeding continuing. Calving, lambing in full swing for most producers. A few reports of shearing.

February 1992

MONTHLY DATA FROM SELECTED FOREIGN CITIES

CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA

*** = DATA NOT AVAILABLE

International Weather and Crop Summary
HIGHLIGHTS

February 23 - 29, 1992

FORMER USSR: Bitter cold covers winter grains protected by snow in the east. Unseasonably warm weather favors crops in the west.

EUROPE: Mostly dry, mild weather promotes early spring fieldwork in the south.

EASTERN ASIA: Warmer temperatures prompt winter wheat to break dormancy and beneficial showers aid early growth.

SOUTHEAST ASIA: Unseasonably heavy rain hits northern Thailand.

SOUTH ASIA: Dry, warm weather favors winter crop growth in Pakistan and India.

SOUTH AMERICA: Heavy showers aid Brazilian soybeans, while cooler temperatures favor Argentina's summer crops.

AUSTRALIA: Heavy showers aid sugarcane and summer crops but also cause possible flooding.

NORTHWESTERN AFRICA: Lesser amounts of rain follow last week's beneficial showers over winter grain areas.

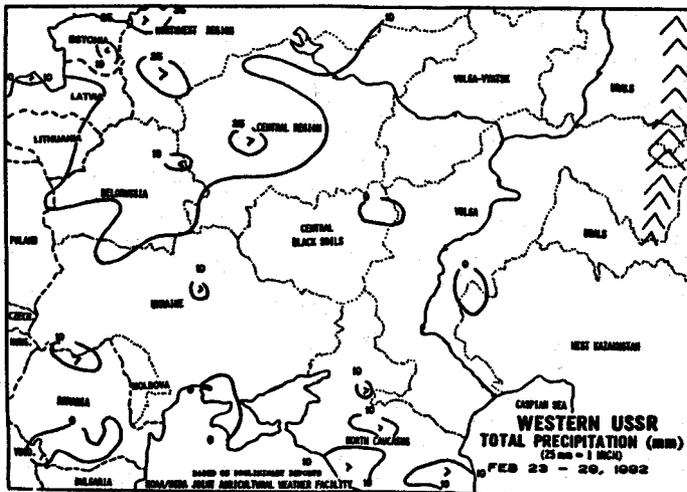
SOUTH AFRICA: Drier and warmer weather returns to eastern corn areas.

COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
		AVG MAX	AVG MIN	HI	LO	DPART	F/NRM	TOTAL	DPART F/NRM
NORWAY	OSLO	1	-5	8	-14	-2	5.6	23	-24
SWEDEN	STOCKHOLM	3	-2	11	-10	0	3.6	29	0
FINLAND	HELSINKI	0	-5	6	-17	-2	4.5	46	12
U KING	GLASGOW	8	4	12	-7	6	1.7	143	55
	EDINBURGH	9	3	12	-5	6	2.6	49	8
	BIRMINGHAM	9	3	14	-4	6	2.2	21	-27
	LONDON	9	2	13	-7	5	1.1	29	-24
IRELAND	DUBLIN	10	5	13	0	7	2.5	24	-27
ICELAND	REYKJAVIK	2	-3	9	-9	0	-0.6	102	31
DENMRK	COPENHAGEN	5	0	9	-7	3	2.9	13	-27
LUXEMB	LUXEMBOURG	6	1	13	-9	4	2.1	38	-22
SWITZL	ZURICH	6	-1	12	-10	2	1.3	56	-24
	GENEVA	7	-1	13	-6	3	1.0	21	-59
FRANCE	PARIS/ORLY	9	1	17	-4	5	***	18	**
	STRASBOURG	8	1	16	-6	4	1.9	25	-10
	BOURGES	9	1	18	-5	5	0.7	28	-30
	BORDEAUX	12	2	19	-4	7	0.7	16	-70
	TOULOUSE	11	3	16	-4	7	1.2	26	-26
	MARSEILLE	13	4	17	-3	9	1.3	20	-35
SPAIN	VALLADOLID	12	-1	16	-5	6	0.3	5	-32
	MADRID	14	-1	21	-7	6	-0.2	16	-34
GERMNY	LEIPZIG	7	1	16	-5	4	3.6	34	2
	DRESDEN	6	1	15	-6	4	4.3	30	-6
	HAMBURG	7	2	14	-5	5	4.0	50	10
	BERLIN	7	2	15	-5	4	3.8	41	8
	DUSSELDORF	8	3	17	-5	6	3.2	22	-31
	STUTTGART	7	-1	15	-11	3	2.0	23	-24
	NURNBERG	6	0	15	-5	3	2.3	26	-14
	MUNICH	6	-3	13	-10	2	2.1	54	0
AUSTRI	VIENNA	8	0	15	-5	4	3.3	21	-9
	INNSBRUCK	7	-3	14	-11	2	1.3	68	27
CZECH	PRAGUE	5	-1	14	-6	2	3.4	19	-2
POLAND	WARSAW	4	-2	10	-12	1	3.4	32	7
	LODZ	4	-1	11	-9	2	3.4	39	8
	KATOWICE	4	-2	13	-9	1	3.2	33	-3
	PRZEMYSL	3	-2	9	-11	1	2.5	23	-9
HUNGAR	BUDAPEST	8	0	15	-6	4	3.0	3	-29
YUGOSL	SARAJEVO	6	-4	13	-12	1	2.0	44	-22
ROMANI	BUCHAREST	6	-5	16	-12	1	1.2	28	-10
BULGAR	SOFIA	6	-3	15	-12	1	-0.4	13	-25
ITALY	MILAN	10	0	17	-7	5	1.3	25	-42
	VERONA	9	1	18	-4	5	0.6	16	-34
	VENICE	9	1	16	-3	5	-0.1	10	-47
	GENOA	13	7	18	1	10	1.6	52	-39
	ROME	14	3	16	-3	9	-0.1	14	-55
	NAPLES	14	5	19	-1	9	0.6	9	-85
GREECE	THESSALONIKA	11	1	19	-7	6	-0.7	6	-31
	LARISSA	12	-2	18	-10	5	-2.1	7	-31
	ATHENS	12	5	16	-1	8	-3.0	18	-18
TURKEY	ISTANBUL	6	1	16	-5	4	-1.7	40	-30
	ANKARA	0	-11	10	-22	-6	-6.3	4	-26
CYPRUS	LARNACA	13	5	18	0	9	-3.0	57	-4
USSR	TALLINN	1	-3	5	-9	-1	5.0	49	24
	LENINGRAD	-1	-5	3	-18	-3	4.8	24	-7
	KAUNAS	2	-2	6	-14	0	4.4	36	4
	MINSK	0	-4	4	-17	-2	4.1	50	18
	KAZAN	-9	-14	1	-26	-11	1.4	42	17
	MOSCOW	-2	-7	3	-20	-5	3.8	37	1
	SVERDLOVSK	-7	-15	1	-25	-11	1.9	15	-5
	OMSK	-9	-17	1	-30	-13	4.7	12	1
	KUSTANAY	-9	-16	1	-28	-13	3.8	18	5
	KRASNOYARSK	-6	-13	4	-27	-9	6.4	9	-4
	NOVOSIBIRSK	-9	-15	0	-27	-12	5.9	11	-4
	BARNAUL	-8	-15	1	-26	-11	4.4	10	-12
	KHABAROVSK	-9	-20	6	-29	-15	2.7	6	-5
	VLADIVOSTOK	-4	-10	7	-19	-7	3.8	9	-10
	KIEV	1	-4	6	-14	-2	2.8	29	-15
	LVOV	2	-5	8	-15	-2	2.0	35	-11
	KIROVOGRAD	-1	-6	6	-17	-3	1.6	7	-23
	ODESSA	3	-3	11	-11	0	1.1	22	-19

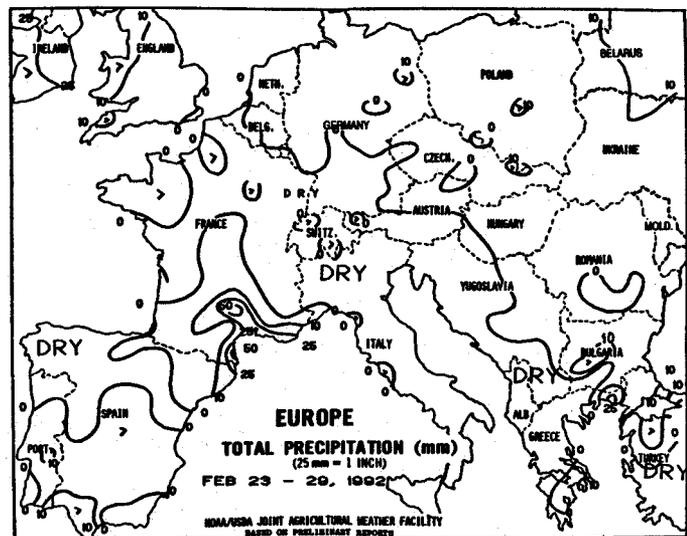
Based on Preliminary Reports

February 1992

COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)			COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)					
		AVG MAX	AVG MIN	HI	LO	DPART	AVG	F/NRM	TOTAL			DPART	F/NRM	AVG MAX	AVG MIN	HI	LO	DPART	AVG	F/NRM	TOTAL	DPART
USSR	YALTA	6	0	11	-5	3	-0.9	106		46	TANZAN	DAR ES SALAAM	32	25	37	22	28	0.8	210		141	
	VORONEZH	-3	-9	3	-22	-6	2.9	46		16	GABON	LIBREVILLE	31	25	37	21	28	0.9	134		-138	
	SARATOV	-6	-10	2	-23	-8	3.5	46		21	TOGO	LOME	33	25	35	23	29	1.1	0		-32	
	KHARKOV	-1	-6	4	-15	-3	2.6	20		-15	B FASO	OUAGADOUGOU	36	20	40	16	28	-0.3	0		-2	
	VOLGOGRAD	-4	-10	1	-21	-7	1.6	57		29	IVRY C	ABIDJAN	32	26	33	20	29	1.4	23		-36	
	ROSTOV	-1	-6	3	-16	-4	0.3	64		-1	MOZAMB	MAPUTO	33	24	42	21	28	2.5	57		-83	
	ASTRAKHAN	1	-6	8	-15	-3	2.9	18		8	ZAMBIA	KABWE	29	17	34	16	23	2.7	349		143	
	KRASNODAR	2	-3	12	-11	-1	-0.6	37		-17	ZIMBAB	HARARE	30	17	34	11	24	3.3	17		-141	
	ORENBURG	-8	-15	1	-26	-11	2.4	16		-7	S AFRI	PRETORIA	32	19	35	14	25	4.0	91		5	
	TSELINOGRAD	-10	-18	-1	-29	-14	3.1	7		0		KROONSTAD	33	17	37	9	25	2.7	31		-52	
	KARAGANDA	-7	-16	2	-24	-11	2.4	10		-7		JOHANNESBURG	29	14	33	11	22	2.8	97		0	
	TBILISI	5	-2	14	-8	2	-1.8	51		28		BETHAL	29	14	32	9	21	1.8	96		2	
	TASHKENT	12	3	21	-6	7	5.0	43		-8		DURBAN	30	23	33	20	26	2.1	88		-22	
	ASHKHABAD	10	1	22	-4	6	1.3	19		-8		CAPE TOWN	26	16	35	12	21	1.2	32		15	
SYRIA	DAMASCUS	9	0	17	-12	5	-4.0	64		32	CANADA	TORONTO	0	-8	5	-19	-4	1.8	35		-11	
ISRAEL	JERUSALEM	8	2	18	-3	5	-4.9	381		263		MONTREAL	-5	-15	1	-26	-10	-0.9	91		26	
PAKIST	KARACHI	27	15	31	9	21	0.3	8		-1		WINNIPEG	-5	-15	6	-29	-10	5.1	12		-5	
INDIA	AMRITSAR	20	6	25	2	13	-1.2	51		29		REGINA	-4	-13	10	-26	-9	4.9	14		-3	
	NEW DELHI	22	11	29	7	16	-0.7	27		12		SASKATOON	-6	-14	6	-27	-10	4.6	11		-5	
	AHMEDABAD	30	14	38	9	22	-0.7	0		-1		LETHBRIDGE	7	-8	22	-17	0	4.9	4		-15	
	INDORE	28	11	34	1	19	-1.1	0		-2		CALGARY	4	-9	23	-22	-3	4.6	4		-12	
	CALCUTTA	28	16	32	12	22	-0.8	40		28		EDMONTON	-2	-11	14	-26	-6	3.1	32		13	
	VERAVAL	29	17	33	11	23	0.5	0		-1		VANCOUVER	10	4	16	-1	7	2.1	87		-28	
	BOMBAY	30	18	36	15	24	-0.4	0		-1	MEXICO	GUADALAJARA	22	6	27	-2	14	-2.5	24		17	
	POONA	31	11	35	8	21	-1.8	0		0		MEXICO CITY	22	8	26	3	15	1.2	12		6	
	BEGAMPET	32	18	35	14	25	0.9	0		-5		ACAPULCO	31	21	34	19	26	-0.5	59		59	
	MADRAS	32	22	34	20	27	0.9	0		-4		BERMUD	ST. GEORGES	21	17	24	9	19	1.8	118		11
	MANGALORE	32	22	35	20	27	-0.2	0		-2		BAHAMA	NASSAU	26	19	30	12	22	1.5	37		-4
H KONG	HONG KONG	17	14	23	11	16	-0.2	147		105		CUBA	HAVANA	27	20	32	17	23	1.5	25		-27
N KREA	PYONGYANG	1	-11	13	-19	-5	0.1	45		34		JAMAIC	KINGSTON	31	23	32	20	27	1.3	6		-14
S KREA	SEOUL	5	-3	16	-8	1	3.0	59		38		P RICO	SAN JUAN	29	22	34	20	26	1.0	31		-24
JAPAN	SAPPORO	1	-6	8	-12	-2	1.6	58		-35		GUADEL	RAIZET	30	21	31	17	26	2.0	16		-33
	NAGOYA	11	1	19	-2	6	1.6	33		-29		MARTINQ	LAMENTIN	29	22	30	17	25	1.7	40		-48
	TOKYO	11	3	20	-1	7	1.6	46		-18		BARBAD	BRIDGETOWN	29	23	29	20	26	0.4	48		1
	YOKOHAMA	11	3	20	-1	7	1.8	56		-16		TRINID	PORT OF SPAIN	30	22	31	18	26	1.0	35		-13
	KYOTO	9	2	16	-1	6	1.9	50		-16		COLOMB	BOGOTA	20	10	23	4	14	1.3	65		24
	OSAKA	10	4	17	1	7	1.3	34		-26		VENEZU	CARACAS	30	22	35	20	26	1.4	24		-6
THAILN	PHETCHABUN	33	18	35	15	26	-1.3	4		-16		F GUIA	CAYENNE	29	23	31	20	26	0.6	443		75
	BANGKOK	33	23	35	20	28	0.5	13		-13		BRAZIL	FORTALEZA	30	24	31	22	27	-0.5	255		30
MALAYS	KUALA LUMPUR	33	23	35	20	28	1.4	339		181		RECIFE	28	24	29	22	26	-1.0	271		164	
VIETNM	HANOI	19	15	27	11	17	-0.4	37		9		BELO HORIZONTE	27	19	31	17	23	-0.1	175		-42	
CHINA	HARBIN	-5	-19	10	-26	-12	3.6	3		-2		CAMPO GRANDE	30	21	33	19	26	1.4	83		-116	
	HAMI	6	-10	13	-17	-2	3.0	0		0		FRANCA	26	18	30	13	22	0.7	73		-147	
	LANCHOW	6	-7	17	-11	0	1.9	2		0		LONDRINA	30	20	34	18	25	1.1	100		-98	
	BEIJING	8	-4	18	-7	2	4.2	0		-7		SANTA MARIA	30	22	40	15	26	1.6	243		102	
	TIENTSIN	7	-5	21	-10	1	2.7	0		-6	PERU	LIMA	29	22	31	20	25	2.9	0		-1	
	LHASA	7	-7	12	-11	0	-1.6	2		-2		BOLIVI	LA PAZ	14	4	15	1	8	-0.5	136		32
	KUNMING	13	3	17	1	8	-1.0	30		19		CHILE	SANTIAGO	29	11	34	8	20	0.2	1		1
	CHENGCHOW	12	-2	23	-7	5	2.8	2		-11		ARGENT	IGUAZU	33	21	37	17	27	***	211		**
	YECHANG	13	4	25	-2	8	1.8	35		7		FORMOSA	33	23	40	18	28	0.8	168		32	
	HANKOW	13	4	26	-2	8	3.4	45		-14		CERES	30	19	35	12	24	-0.5	96		-8	
	CHIHKIANG	11	4	25	-1	8	1.5	50		1		CORDOBA	28	17	34	10	22	-0.1	167		56	
	SHANGHAI	11	3	24	-3	7	***	17		**		RIO CUARTO	27	16	32	10	22	-0.2	138		52	
	NANCHANG	12	6	25	-1	9	2.4	95		0		ROSARIO	30	18	35	10	24	1.0	132		24	
	TAIPEI	17	13	27	8	15	0.2	388		252		BUENOS AIRES	29	18	37	11	23	1.3	83		-15	
	CANTON	16	11	25	8	14	-0.1	222		168		SANTA ROSA	28	16	35	5	22	-0.3	77		5	
	NANNING	16	11	27	8	13	-0.1	79		43		TRES ARROYOS	28	15	36	8	21	0.5	161		98	
CNRY I	LAS PALMAS	21	15	24	11	18	0.9	13		-9	N CALD	NOUMEA	30	24	33	20	27	0.9	185		77	
MOROCC	CASABLANCA	19	10	25	6	14	0.9	23		-37	FIJI	NAUSORI	30	24	31	22	27	0.3	139		-192	
	MARRAKECH	21	10	28	6	15	2.1	23		-13	SAMOA	PAGO PAGO	30	26	32	24	28	0.6	326		4	
ALGERI	ALGER	17	4	22	1	11	-0.5	43		-45	TAHITI	PAPEETE	32	24	33	22	28	1.3	164		-61	
	BATNA	13	-1	19	-9	6	0.0	23		-7	N ZEAL	AUCKLAND	24	17	27	12	20	0.4	60		-32	
TUNISI	TUNIS	16	6	23	1	11	-0.5	70		12	PA N G	PORT MORESBY	32	24	34	22	28	0.4	89		-118	
NIGER	NIAMEY	34	19	39	8	27	-0.6	0		0	AUSTRL	DARWIN	31	26	33	23	29	0.7	130		-232	
MALI	TIMBUKTU	31	**	39	**	**	***	0		0		MOREE	30	20	36	14	25	-1.0	88		18	
	BAMAKO	36	23	39	21	30	2.0	0		0		BRISBANE	28	22	31	20	25	-0.3	371		196	
MAURIT	NOUAKCHOTT	30	18	37	15	24	1.3	0		-2		PERTH	29	18	37	13	24	-1.3	152		138	
SENEGL	DAKAR	25	19	35	13	22	0.8	4		3		CEDUNA	26	16	39							

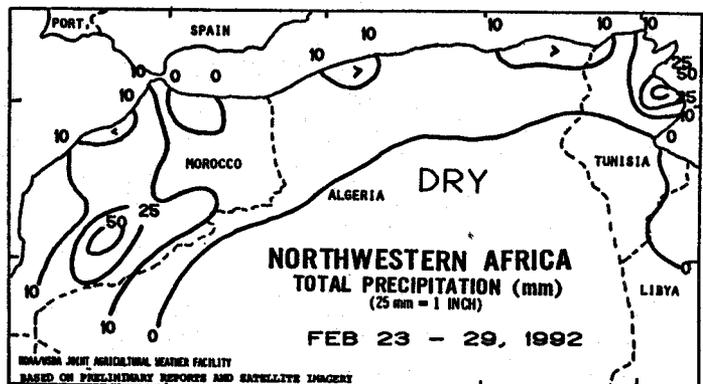


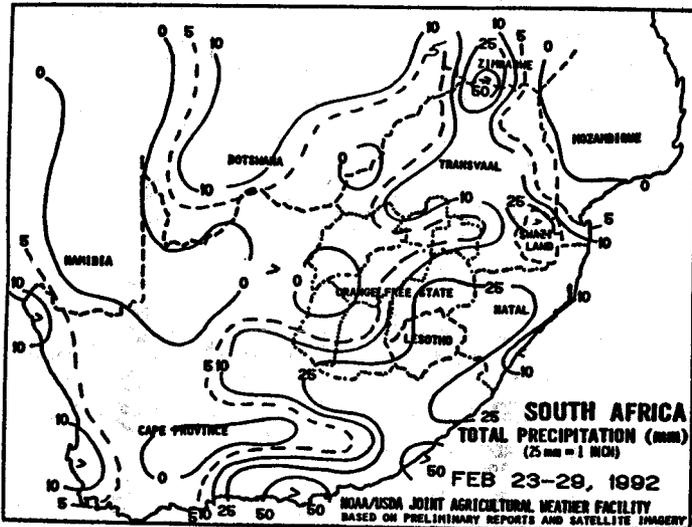
FORMER USSR: Bitter cold continued over winter grains in the eastern portion of the Central Region, Volga Vyatsk Region, Volga Valley, Black Soils Region, the extreme eastern Ukraine, and the northern tip of the North Caucasus. Minimum temperatures from February 23 to 26 ranged from -16 to -29 degrees Celsius (C) in these areas, with isolated locations experiencing temperatures below -30 degrees C. Although temperatures exceeded the threshold for potential winterkill, moderate to deep snow cover provided adequate protection from widespread winterkill. By February 27, temperatures began to moderate over the region, easing stress on crops. During the week, light precipitation (1-10mm) prevailed over most winter grain areas with greatest amounts of moisture covering Belorussia, Northwest Region, and the western portion of the Central Region. While unseasonable cold prevailed over eastern areas, crop areas in the west experienced unseasonably mild weather, with weekly average temperatures ranging 3-7 degrees C above normal.



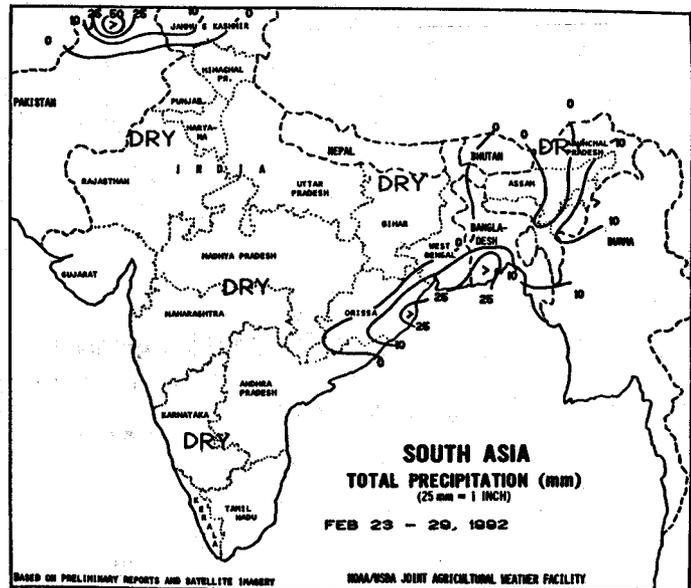
EUROPE: Light showers (less than 10mm) covered northern and eastern crop areas, while scattered showers prevailed in the west. Significant moisture (10-25mm or more) was confined to extreme southeastern France and the southern tip of Spain. Dry weather continued over the northern Iberian peninsula, much of France, Italy's Po Valley, and Greece. Average maximum temperatures in the 10-15 degrees C range across southern Europe stimulated early spring fieldwork and induced winter grains out of dormancy. Milder-than-normal weather also prevailed in the east, but weekly average temperatures below 5 degrees C in eastern Europe kept winter grains dormant. Timely spring moisture will be needed across the continent as the spring growing season gets underway.

NORTHWESTERN AFRICA: In Morocco, beneficial precipitation (10-20mm) continued to cover winter grain areas from Casablanca northward through Meknes. In contrast, adverse dryness continued over crop areas south of Casablanca, further lowering yield prospects for southern winter grains approaching reproduction. In Algeria, light precipitation (1-10mm) followed last week's favorable rainfall, especially in central and eastern areas. In Tunisia, rainfall ranged from 3 to 10mm, with greatest amounts of moisture (25-50mm) falling to the east of the principal growing areas. Winter grains over the region are approaching the heading stage, when moisture conditions become most critical in determining yield prospects.

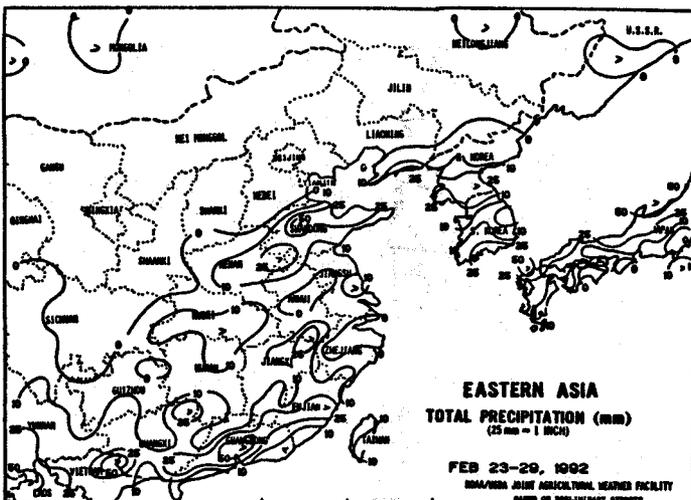




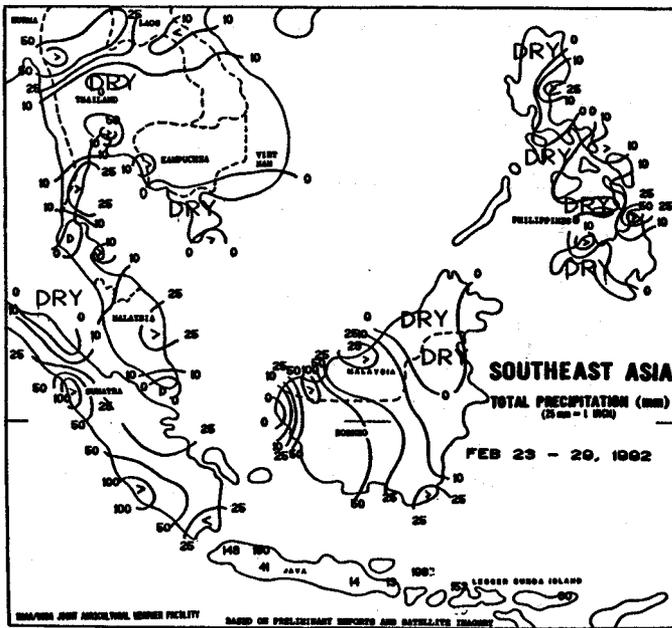
SOUTH AFRICA: Following last week's beneficial rain, drier and warmer weather returned to eastern corn areas, with only local reports exceeding 25mm. High temperatures in the east were mostly in the low to mid 30's C, but unusually hot weather (highs in the low to mid 40's C) was unfavorable for corn on the eastern fringes of the growing area. Further west, poor growing conditions continued as rainfall failed to reach 10mm in all but isolated areas. Highs in the west averaged in the low to mid 30's C. Beneficial rain (10-34mm) covered primary grain areas of eastern Cape Province and Natal and heavier rainfall (25-97mm) doused coastal fruit regions of the southern Cape. However, rainfall was unfavorably light (4-16mm) over Natal's sugarcane region.



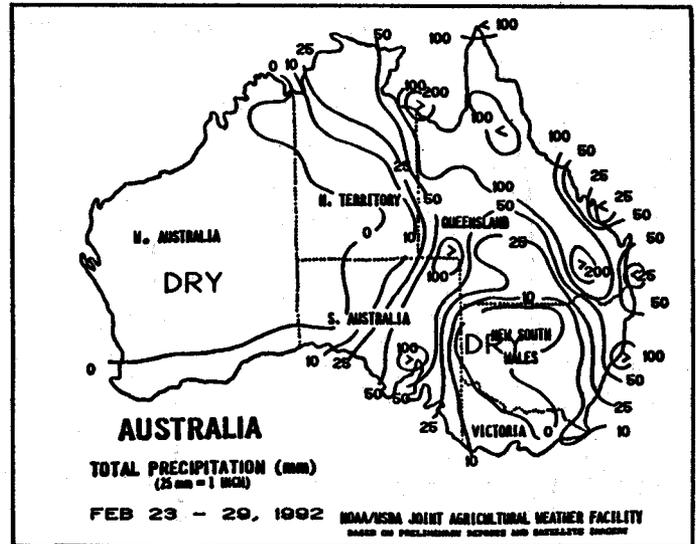
SOUTH ASIA: Seasonably dry, warm weather benefited growth of reproductive to filling grains and oilseeds over most winter crop regions of India and Pakistan. In the east, scattered showers (1-29mm) fell over rice areas from Orissa to Assam. Dry, warm weather dominated southern India, typical of this time of year. February and March are climatologically two of the driest months of the year in southern India.



EASTERN ASIA: Unusually warm temperatures across the North China Plain prompted winter wheat to break dormancy in most areas. Light to moderate rain (7-35mm) fell across Henan and Shandong, aiding early spring growth. Due to dryness during fall planting, abundant rains are needed to ensure adequate wheat growth and development. Variable showers (20-60mm) fell across extreme southern China, aiding irrigation levels for early rice transplanting, but delaying winter crop harvesting. Weekly temperatures averaged 6-8 degrees C above normal across the North China Plain.

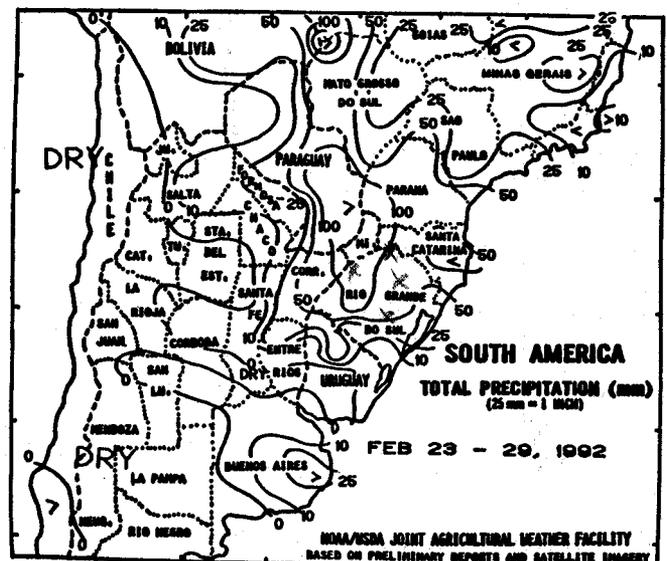


SOUTHEAST ASIA: Unseasonably heavy rain (15-50mm or more) covered Thailand's northern and northeastern rice areas and, as indicated from satellite imagery, northern Laos and northern Vietnam. The rainfall will improve local reservoir levels and, especially along the Chao Phraya and Mekong Rivers, boost irrigation reserves for dry season rice. Further south, light to moderate rain (10-41mm) fell along the Malay Peninsula, with 3-20mm reported in western Malaysia's primary crop regions. Rainfall was highly variable elsewhere in Malaysia and Indonesia, but seasonable showers (41-180mm) in western Java boosted reservoirs for rice cultivation. In contrast, unseasonably dry weather persisted over the Philippines, with only isolated locations receiving more than 25mm. This is the third consecutive dry winter in a row for the eastern Philippines, which typically receives 25-100mm per week in February alone.



AUSTRALIA: Heavy tropical showers (77-143mm) covered northeastern Australia benefiting sugarcane. The rains also spread southward into the eastern summer crop areas, with extremely heavy rain (greater than 200mm) reported in southeastern Queensland. The excessive rains caused local flooding and possibly damaged reproductive to maturing cotton and sorghum. However, the southern summer crop area in northern New South Wales, where moisture is becoming limited, received only light to moderate rain (4-20mm). Cotton harvesting usually begins by late March. Weekly temperatures averaged 1-2 degrees C below normal across the major eastern crop areas.

SOUTH AMERICA: In southern Brazil, moderate to heavy showers (60-146mm) spread from Parana to Rio Grande do Sul, aiding pod-filling soybeans and maturing corn, but possibly causing some flooding. The northern soybean regions of Minas Gerais, Góias, and Mato Grosso do Sul received light to moderate rain (18-40mm), which continued favorable growing conditions. Sao Paulo received beneficial rain (10-40mm) favoring cotton, sugarcane, and citrus. Cooler temperatures prevailed across central Argentina, benefiting reproductive to filling summer crops. Rainfall was mostly light (less than 10mm) in the main crop areas, but adequate soil moisture still remains. Southern Paraguay received moderate to heavy rain (50-100mm), aiding soybeans and cotton. Weekly temperatures averaged slightly below normal across the major crop areas of Argentina and southern Brazil.



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(Continued from front cover)
midweek, precipitation was primarily confined to the **Northeast**, which endured a short-lived shot of frigid air. Temperatures bottomed out at -11° F in **Marquette, MI**, and in **Caribou, ME**. **Caribou** also received 14 inches of new snow. But warmth rampaged eastward toward week's end. **International Falls, MN**, recovered from a low of -12° F to notch a daily record high of 45° F on Saturday. More than 100 daily record highs were set during the week, though 50 of them occurred on Leap Day, which limits the length of weather records. Nevertheless, highs of 69° F in **Bismarck, ND**, and 65° F in **Pocatello, ID**, established all-time records for February. At week's end, light rain spread into **northern California**, while a more substantial area of rain approached the southern end of the State.

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