

WEEKLY WEATHER AND CROP BULLETIN

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

U.S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service
and World Agricultural Outlook Board

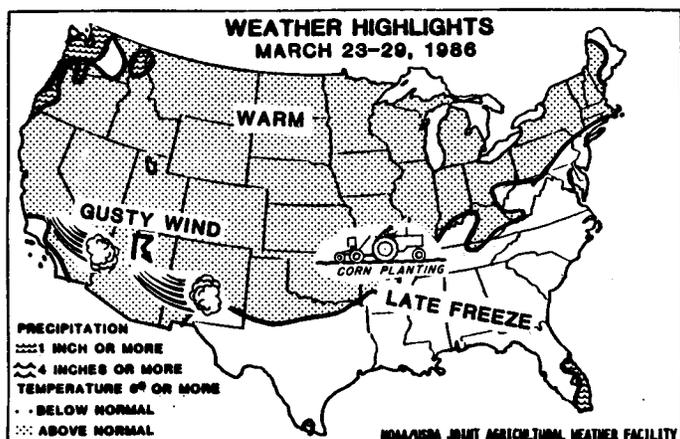
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National Weather Summary

March 23 to 29, 1986



HIGHLIGHTS: Freezing temperatures reached southward on Sunday then spread over Georgia into the Florida Panhandle. Temperatures warmed rapidly in the East, but another cool spell moved through the Midwest and the Northeast after midweek. Temperatures were well above normal in the rest of the Nation and over all the Nation as the week ended. The northern Plains were 15-18 degrees warmer than normal, and parts of the Southwest were 12-15 degrees warmer than normal. Precipitation was scarce in most of the Nation. Light showers developed from Missouri to the Great Lakes and moved eastward through New England. Showers fell almost daily along the east coast of Florida. Rain fell in the Northwest and moved to the northern Rockies. Thunderstorms in the Southwest produced little rain but a lot of strong gusty winds.

SUNDAY...Cold weather covered the East Coast States as record-low readings were observed from the mid-Atlantic through Florida. Frost damaged advancing crops in the Southeast. Clear weather prevailed over most of the Nation, but rain fell in the Northwest and extended into the northern Rockies. Occasional light rain fell in the Great Lakes area.

MONDAY...Temperatures moderated in the East although a few cold areas existed in the Southeast. Rain was lighter in the Northeast but spread eastward from Oregon and Washington through the northern Rockies to North Dakota. Snow fell at the very high elevations. Some light snow fell near the Great Lakes, and light showers covered southern Florida.

TUESDAY...Strong, gusty winds howled across much of the Great Plains into the mid-Mississippi Valley, lower Great Lakes, and Ohio Valley. Late-day showers broke out from the lower Missouri Valley to the central Great Lakes region. A few showers fell in the Northwest and along the east coast of Florida.

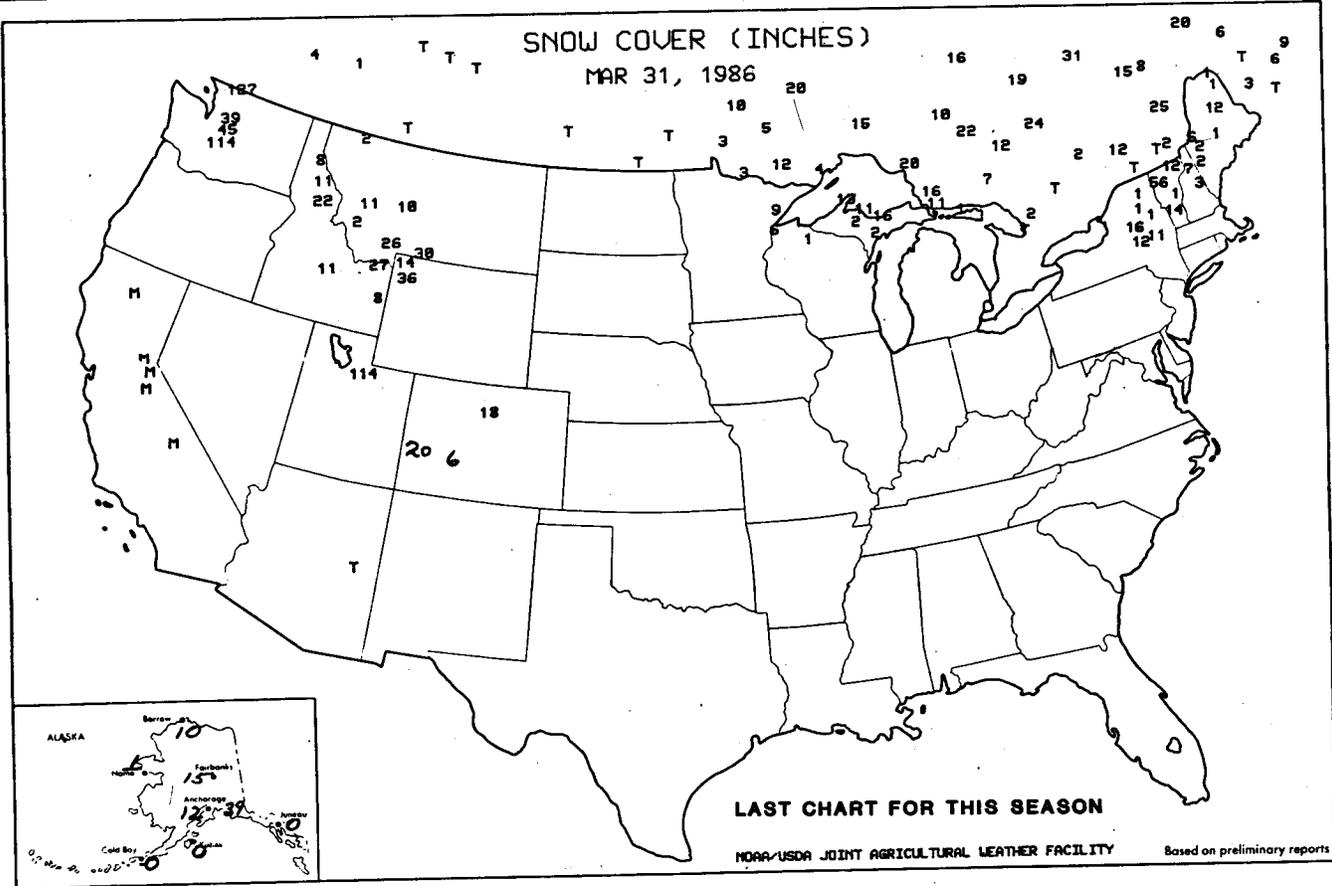
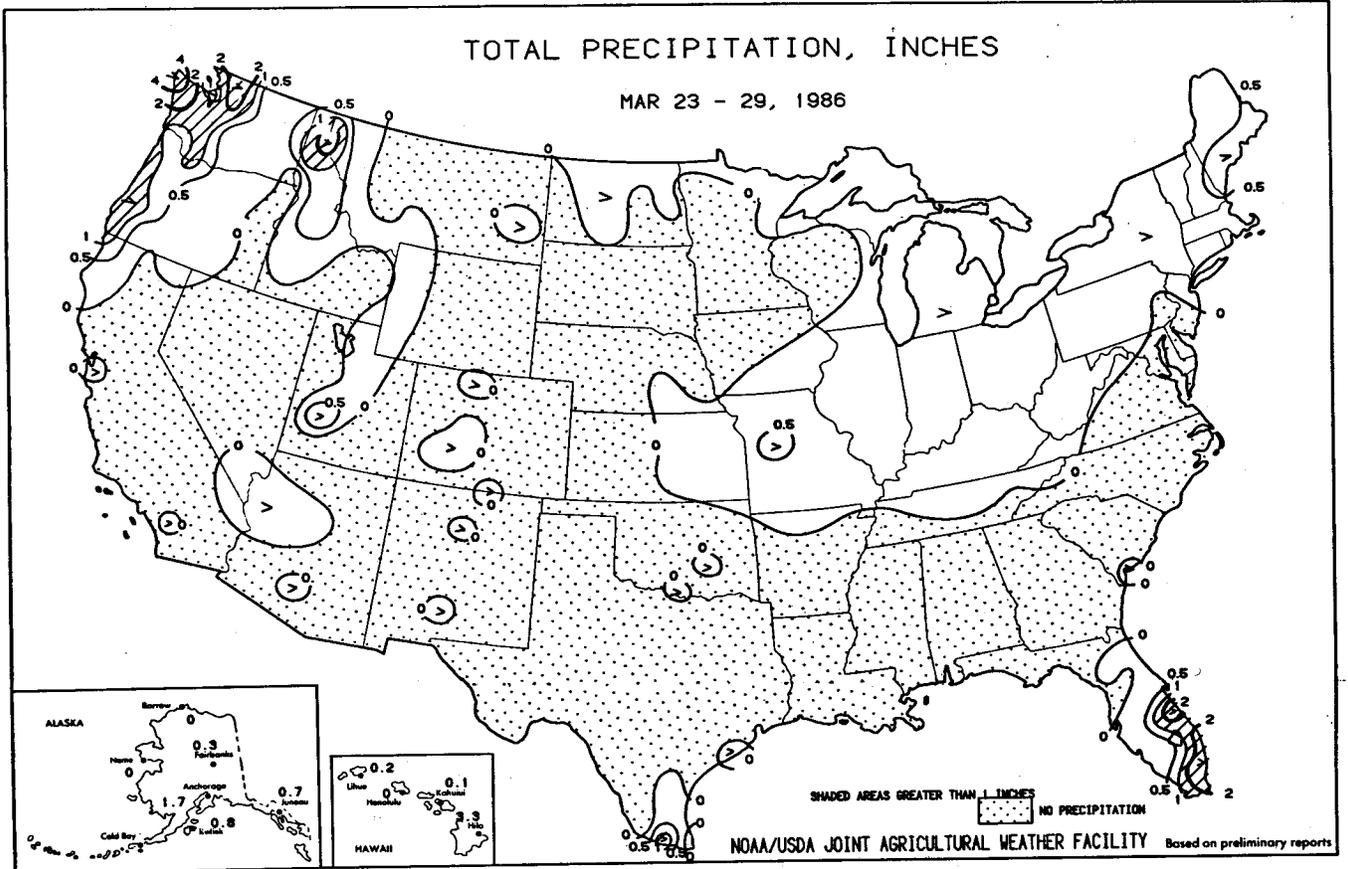
WEDNESDAY...Temperatures soared through the East and much of the West. Record-high temperatures were in parts of the Northeast and the Southwest. Rain showers developed from southeastern Missouri to the Ohio and upper Tennessee Valleys and north-eastward through the eastern Great Lakes and western New England. Heavier showers fell over southern Florida; the rain tapered off to very light in the Northwest.

THURSDAY...It was cooler in the Northeast and much cooler in the Midwest, but unusually warm weather continued across the South and in the West. More record-high temperatures were in the Southwest and the western Great Plains. Eighty-degree readings were in South Dakota. Light showers reached from the eastern Great Lakes to the mid-Atlantic States and through New England. More showers covered the eastern part of southern Florida.

FRIDAY...Much cooler weather moved toward the Northeast, and hot weather continued in the West and the Plains. Temperatures were in the high 80's in Nebraska and much of California. Parts of the Southwest had temperatures in the 90's. Light rain was widely scattered from New York through New England, and showers continued in much of the Florida peninsula. Showers and thunderstorms developed in the Southwest. The showers were light but accompanied by strong, gusty winds.

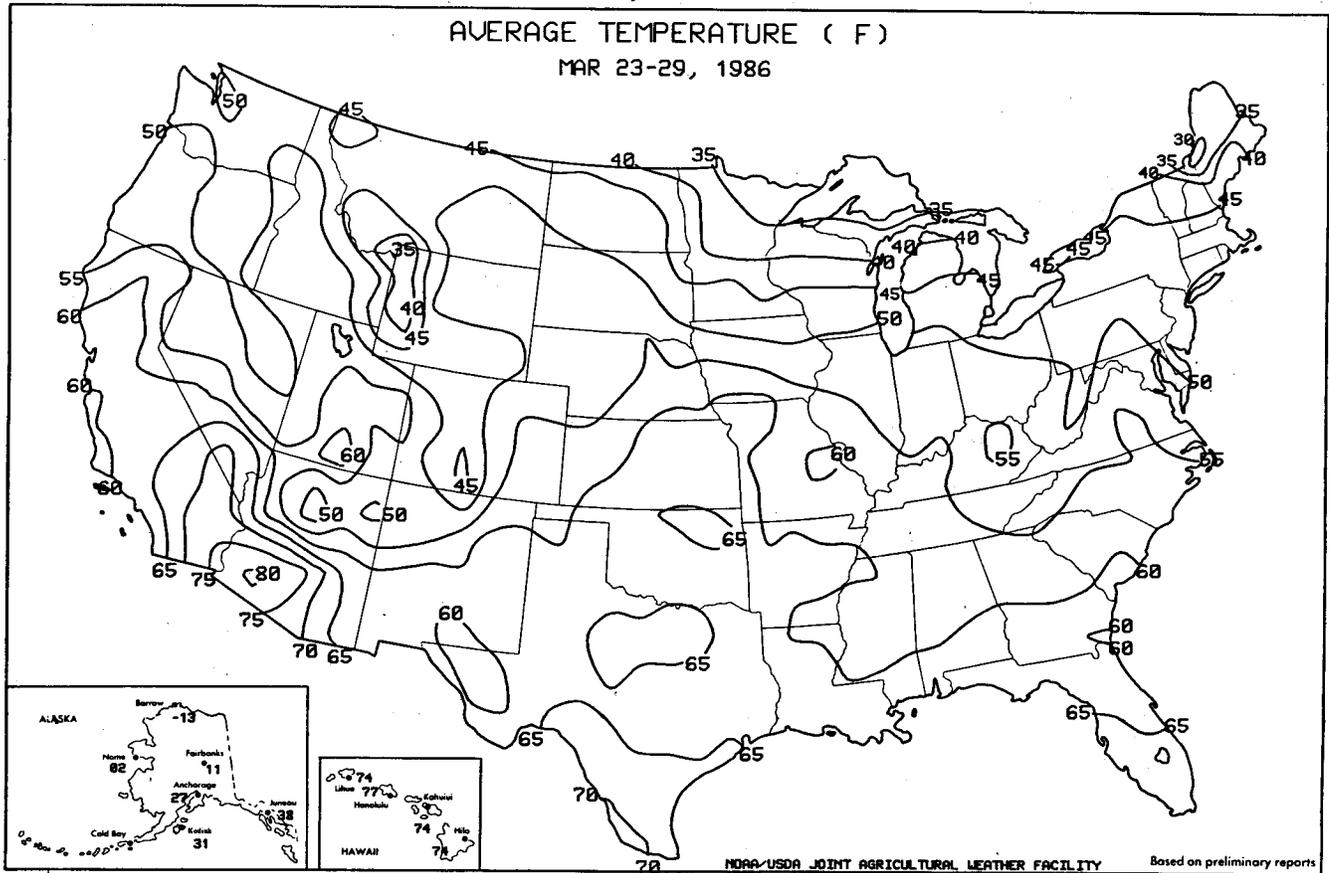
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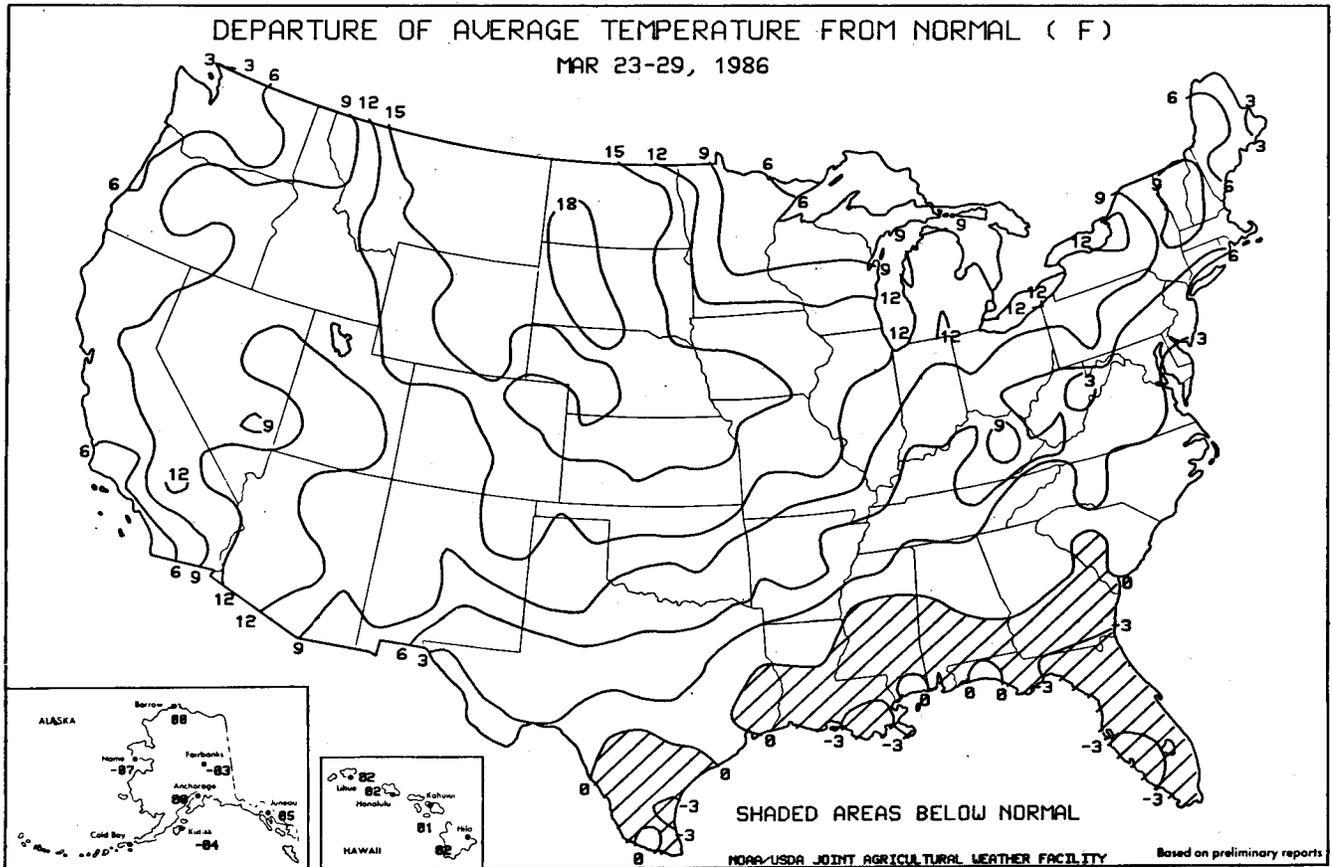


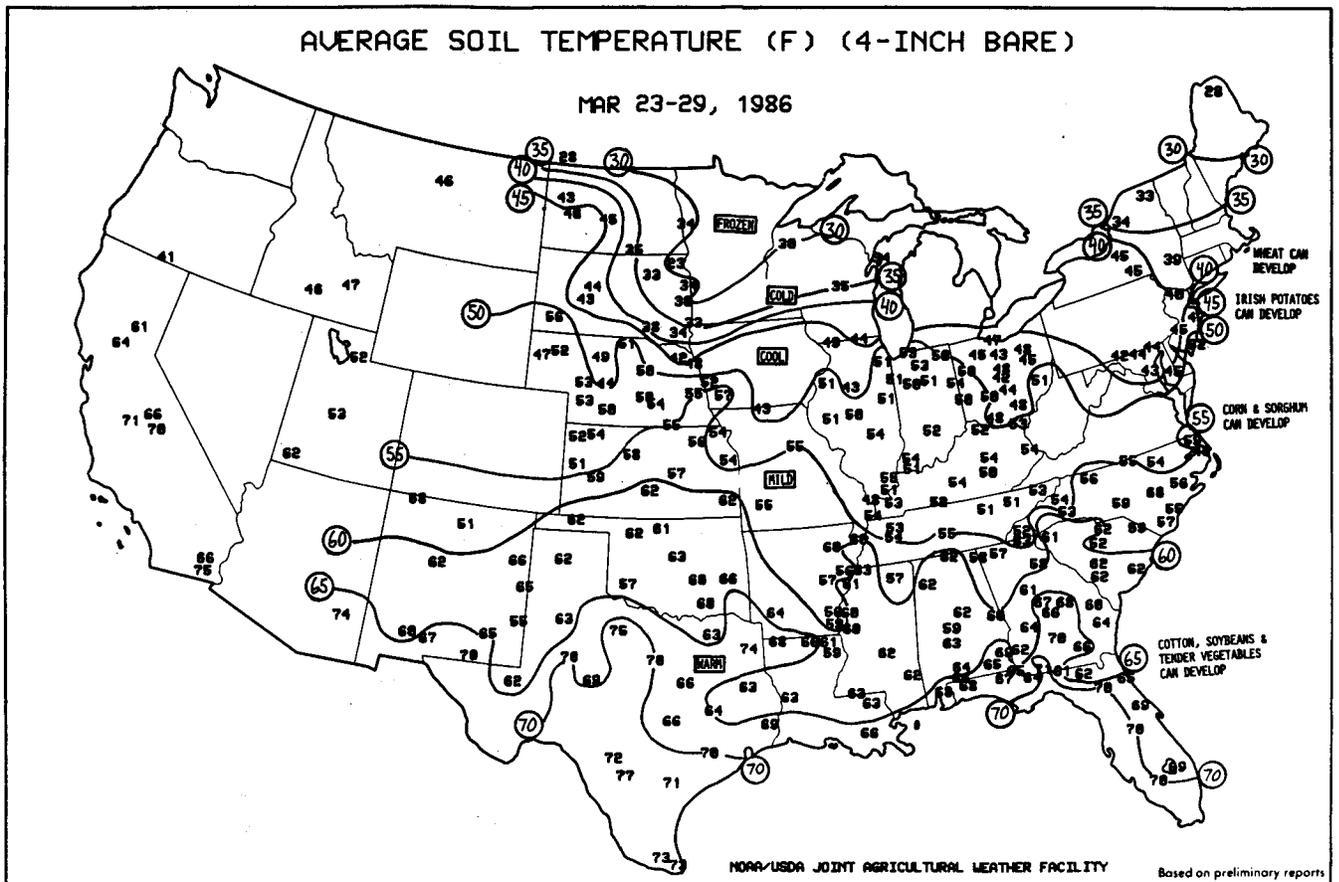
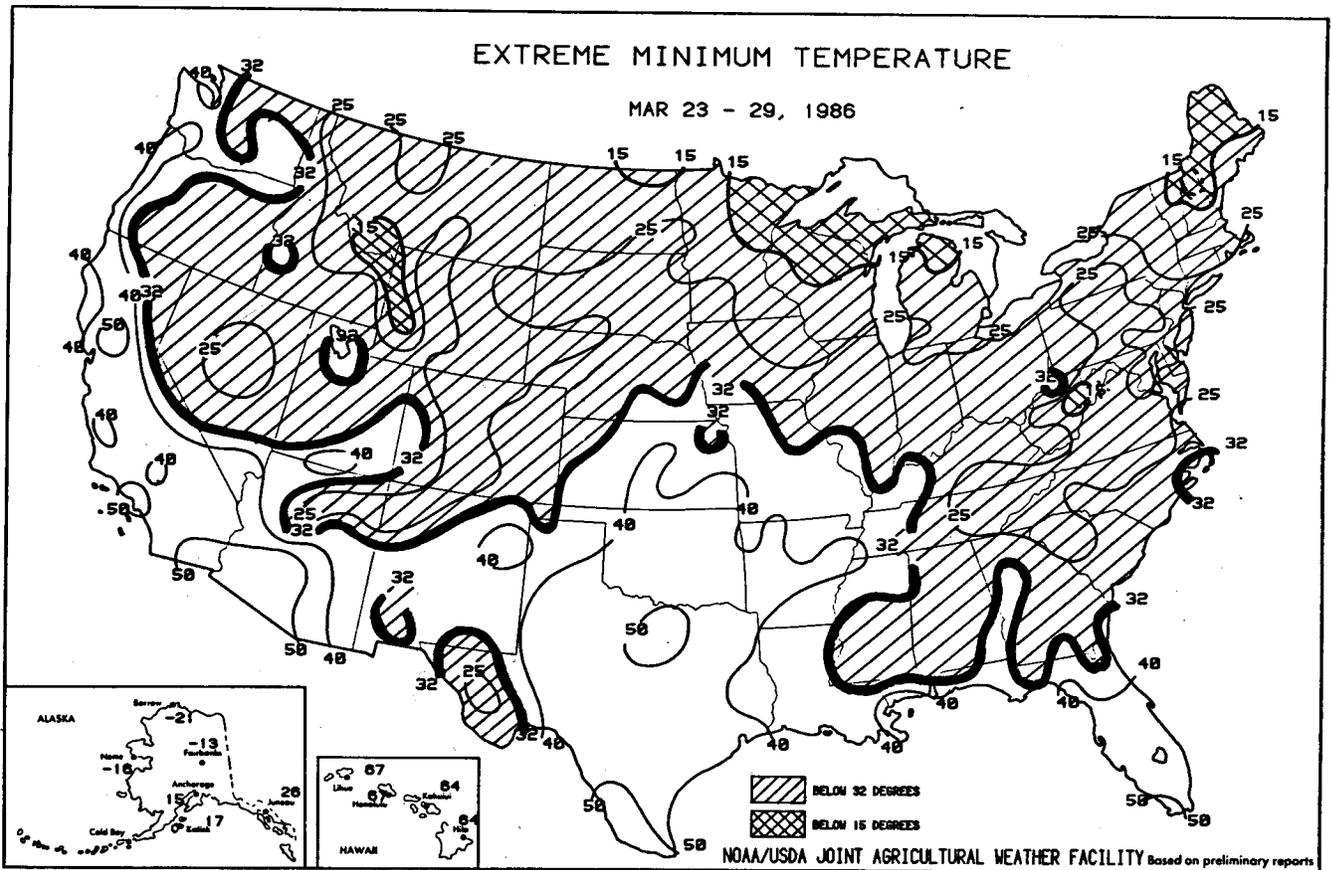
LAST CHART FOR THIS SEASON

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY Based on preliminary reports



Point values may differ on these computerized maps from the reported values in the tables.





Weather Data for the Week Ending March 29, 1986

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR. 1	PCT. NORMAL SINCE MAR. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
AL BIRMINGHAM	76	40	81	27	58	2	T	-1.5	T	2.5	39	5.4	33	81	22	0	1	0	0	
MOBILE	77	45	82	33	61	-1	0	-1.5	0	4.5	75	11.4	73	95	25	0	0	0	0	
MONTGOMERY	77	43	81	30	60	0	0	-1.3	0	9.3	166	16.5	115	85	27	0	1	0	0	
AK ANCHORAGE	32	22	41	15	27	0	0	1.7	1.6	262	2.5	104	83	51	0	0	5	0	1	
BARROW	-9	-18	-3	-21	-13	-1	0	-1	0	.1	60	.4	80	80	70	0	7	7	0	
FAIRBANKS	22	0	32	-13	11	-3	T	.3	.3	.3	84	.6	46	83	49	0	7	4	0	
JUNEAU	42	33	44	26	37	5	T	.7	0	5.8	185	16.1	152	98	73	0	3	6	0	
KODIAK	37	26	45	17	31	-3	T	.8	-1	116	4.5	21.0	114	84	55	0	5	4	0	
NOME	9	-6	22	-16	2	-7	T	T	-1	6	1.0	53	78	56	0	7	0	0	0	
AZ PHOENIX	92	63	98	57	78	15	T	-1.1	-1.1	1.6	201	2.8	133	47	13	7	0	0	0	
PRESCOTT	74	40	79	32	57	13	T	-3	-3	1.7	117	2.8	60	62	19	0	1	0	0	
TUCSON	88	53	92	49	71	11	T	-1.1	-1.1	1.3	202	3.4	162	57	14	2	0	1	0	
YUMA	94	61	100	58	78	12	T	0	0	.2	89	.5	63	43	15	6	0	0	0	
AR FORT SMITH	78	44	85	40	61	7	T	-1.9	-1.9	1.8	50	5.6	70	87	29	0	0	0	0	
LITTLE ROCK	76	50	82	40	63	8	T	-1.2	-1.2	3.1	67	6.6	55	54	35	0	0	0	0	
CA BAKERSFIELD	78	51	90	47	65	6	T	-2	-2	2.1	259	4.0	138	96	42	1	0	0	0	
EUREKA	60	48	64	41	54	6	T	-5	-6	6.1	128	23.3	137	84	68	0	0	1	0	
FRESNO	79	52	87	47	65	10	T	-4	-4	3.4	226	9.2	170	89	47	0	0	0	0	
LOS ANGELES	69	55	72	52	62	4	T	-4	-4	4.9	291	12.6	175	98	69	0	0	0	0	
RED BLUFF	76	49	82	44	62	8	T	-5	-5	4.8	211	18.3	181	88	36	0	0	0	0	
SACRAMENTO	75	54	81	50	65	10	T	-4	-4	3.6	186	15.8	178	93	45	0	0	0	0	
SAN DIEGO	71	55	77	51	63	4	T	-4	-4	3.1	203	6.4	125	97	54	0	0	0	0	
SAN FRANCISCO	71	51	77	45	61	8	T	-5	-5	5.8	233	18.0	173	90	53	0	0	1	0	
CO DENVER	71	37	77	28	54	14	T	-3	-3	.4	39	1.3	57	62	15	0	2	0	0	
GRAND JUNCTION	72	41	77	36	56	12	T	-2	-2	.2	31	.7	37	52	18	0	0	0	0	
PUEBLO	76	34	84	28	55	12	T	-2	-2	.4	56	.7	64	80	14	0	5	0	0	
CT BRIDGEPORT	56	36	65	27	46	5	T	-2	-2	2.2	62	8.2	84	71	33	0	2	1	0	
HARTFORD	61	33	76	24	47	6	T	-3	-3	2.7	71	11.1	105	86	33	0	3	2	0	
DC WASHINGTON	67	40	76	30	53	4	T	-8	-8	.7	23	6.6	77	75	27	0	1	2	0	
FL APALACHICOLA	74	51	82	36	62	-1	T	-9	-9	2.2	57	11.4	104	85	47	0	0	0	0	
DAYTONA BEACH	73	52	77	40	62	-4	T	-6	-6	1.9	66	10.2	123	96	54	0	0	1	0	
JACKSONVILLE	74	47	80	33	61	-3	T	-8	-8	5.5	157	14.4	143	97	40	0	0	4	0	
KEY WEST	77	65	80	53	71	-5	T	-1	-2	1.1	1.3	105	4.6	94	88	57	0	0	4	5
MIAMI	76	60	80	46	68	-5	T	-2	-2	2.5	7.9	453	14.7	249	91	55	0	0	2	2
ORLANDO	76	54	81	42	65	-3	T	-2	-2	2.6	87	11.6	147	90	42	0	0	2	0	
TALLAHASSEE	78	41	82	25	60	-3	T	-1	-2	2.5	48	14.8	99	97	25	0	2	0	0	
TAMPA	77	53	81	37	65	-3	T	-7	-7	4.3	130	8.0	94	90	37	0	0	1	0	
WEST PALM BEACH	76	62	79	45	69	-3	T	1.5	1.5	5.3	211	13.2	169	89	56	0	0	6	2	
GA ATLANTA	73	45	77	33	59	4	T	-1	-1	4.2	75	7.5	50	72	22	0	0	0	0	
AUGUSTA	76	40	79	26	58	0	T	-1.0	-1.0	3.2	70	7.2	57	94	27	0	1	0	0	
MACON	77	41	80	27	59	0	T	-1.1	-1.1	3.0	61	8.7	64	94	24	0	1	0	0	
SAVANNAH	74	45	80	30	60	-1	T	-8	-8	2.9	79	10.2	103	92	37	0	1	0	0	
HI HILO	81	67	83	64	74	2	T	3.3	3.3	2.2	14.3	113	19.7	55	94	62	0	0	4	2
HONOLULU	84	70	86	67	77	2	T	-7	-7	.1	3	1.7	17	81	50	0	0	0	0	
KAHULUI	81	68	86	64	74	1	T	-1	-1	3.2	117	5.5	54	92	64	0	0	2	0	
LIHUE	79	70	82	67	74	2	T	-2	-2	1.9	45	3.2	23	86	68	0	0	3	0	
ID BOISE	68	40	76	33	54	10	T	-1	-2	2.0	209	6.7	181	78	28	0	0	1	0	
LEWISTON	63	43	73	35	53	8	T	-3	-3	.2	26	3.0	94	73	39	0	0	0	0	
POCATELLO	66	33	75	28	50	12	T	-2	-2	.9	101	4.6	159	85	25	0	4	0	0	
IL CHICAGO	67	38	88	27	53	12	T	-1	-1	1.5	62	4.5	85	76	30	0	3	1	0	
MOLINE	69	39	88	25	54	14	T	-1	-1	1.3	53	4.3	78	79	30	0	3	1	0	
PEORIA	69	39	86	24	54	12	T	-7	-7	.9	33	2.9	52	81	26	0	2	1	0	
QUINCY	70	41	85	28	55	12	T	-2	-2	.8	29	3.0	53	73	29	0	1	1	0	
ROCKFORD	66	36	85	25	51	13	T	-5	-5	.9	40	4.1	82	88	33	0	3	1	0	
SPRINGFIELD	70	41	86	28	56	12	T	-2	-2	1.4	49	3.3	53	69	25	0	1	1	0	
IN EVANSVILLE	70	40	80	32	55	6	T	-2	-2	2.6	62	9.6	93	88	34	0	1	1	0	
FORT WAYNE	63	36	77	27	50	9	T	-1	-1	3.1	113	6.7	99	75	34	0	3	1	0	
INDIANAPOLIS	66	38	79	30	52	8	T	-1	-1	3.9	117	7.6	89	75	31	0	3	1	0	
SOUTH BEND	64	37	81	23	51	11	T	-3	-3	2.1	75	5.8	79	73	31	0	3	1	0	
IA DES MOINES	71	39	91	26	55	16	T	-6	-6	2.4	119	4.3	102	77	30	1	2	1	0	
SIOUX CITY	69	37	89	29	53	14	T	-4	-4	3.0	191	3.8	123	82	31	0	2	0	0	
WATERLOO	66	34	87	21	50	14	T	-6	-6	1.5	75	4.3	110	86	36	0	4	0	0	
KS CONCORDIA	76	46	88	36	61	17	T	-5	-5	1.6	90	2.8	88	74	25	0	0	1	0	
DODGE CITY	77	44	86	35	60	15	T	-4	-4	.2	13	.6	25	76	25	0	0	0	0	
GOODLAND	73	37	84	28	55	15	T	-2	-2	.8	78	1.2	71	74	20	0	3	0	0	
TOPEKA	77	46	89	31	62	16	T	-4	-4	1.3	63	2.8	72	74	27	0	1	1	0	
WICHITA	76	48	84	39	62	14	T	-5	-5	.7	36	2.0	59	79	32	0	0	1	0	
KY BOWLING GREEN	72	39	78	32	55	5	T	-1.2	-1.2	3.7	71	8.4	61	88	27	0	1	1	0	
LEXINGTON	68	39	77	32	54	6	T	-1	-1	2.4	53	5.4	47	70	27	0	1	1	0	
LOUISVILLE	69	42	79	35	56	7	T	-2	-2	2.7	61	7.5	68	77	28	0	0	1	0	
LA ALEXANDRIA	77	48	82	38	63	1	T	-1	-1	1.8	36	5.1	34	85	35	0	0	0	0	
BATON ROUGE	77	46	82	33	61	-2	T	-1	-1	2.6	62	7.8	57	89	27	0	0	0	0	
LAKE CHARLES	75	45	81	34	60	-3	T	-7	-7	1.9	67	5.6	51	98	42	0	0	0	0	
NEW ORLEANS	75	45	79	34	60	-4	T	-1	-1	1.9	42	8.3	56	95	34	0	0	0	0	

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS.

(Continued from front cover)

SATURDAY...Temperatures climbed again in the East. Isolated reports of 80-degree readings came from as far north as New York. The 80's were the rule through much of the Plains and western Corn Belt, and parts of Nebraska and Iowa reached the low 90's. Light showers and thunderstorms were widely scattered from southern California to central Texas. Light showers continued along Florida's east coast.

Weather Data for the Week Ending March 29, 1986

STATES AND STATIONS	TEMPERATURE °F					PRECIPITATION								RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR. 1	PCT. NORMAL SINCE MAR. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE °F		PRECIPITATION	
																90 AND ABOVE	92 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
SHREVEPORT	78	45	84	37	61	2	0	0	0	0	21	4.7	43	95	30	0	0	0	0
ME CARIBOU	44	24	62	8	34	5	-.2	-.4	-.1	2.3	99	8.3	122	84	40	0	5	3	0
PORTLAND	55	30	74	19	42	7	-.5	-.4	-.5	4.2	113	13.4	121	96	47	0	0	1	0
MD BALTIMORE	66	34	77	24	50	3	0	-.8	1.0	28	6.8	72	76	26	0	0	3	0	
SALISBURY	65	33	73	20	49	2	0	-.9	.7	17	8.6	81	89	27	0	0	3	0	
MA BOSTON	61	38	75	28	49	7	-.2	-.7	4.9	127	11.2	97	81	37	0	0	2	0	
CHATHAM	51	36	56	27	43	4	-.1	-.7	3.1	81	8.7	71	71	1	0	3	0	0	
MI ALPENA	55	26	69	11	41	10	-.4	-.1	2.2	124	4.3	90	96	42	0	0	5	2	
DETROIT	62	34	78	24	48	9	-.1	-.5	2.2	93	7.0	119	88	37	0	0	3	0	
FLINT	61	33	76	20	47	11	-.1	-.4	1.4	73	4.3	86	75	33	0	0	4	0	
GRAND RAPIDS	61	34	77	20	48	10	-.2	-.2	2.4	104	6.7	118	74	34	0	0	4	1	
HOUGHTON LAKE	53	31	71	15	42	10	-.4	-.1	2.1	118	4.8	107	82	43	0	0	4	1	
LANSING	61	33	75	19	47	10	-.2	-.4	1.6	73	5.0	93	83	38	0	0	3	2	
MARQUETTE	49	20	68	-2	35	8	-.1	-.7	4.8	184	9.0	138	91	45	0	0	5	2	
MUSKEGON	57	33	71	21	45	8	-.2	-.5	1.7	72	5.4	84	85	47	0	0	4	1	
SAULT STE. MARIE	45	23	54	7	34	6	-.4	-.1	5.0	262	7.6	131	97	52	0	0	7	3	
MN ALEXANDRIA	50	28	69	20	39	10	-.3	-.1	1.0	88	3.0	115	90	57	0	0	4	0	
DULUTH	45	24	63	12	34	7	-.4	-.4	.9	54	2.3	62	81	43	0	0	5	3	
INT'L FALLS	45	19	65	7	32	6	-.2	-.1	.2	21	1.8	69	87	46	0	0	6	3	
MINNEAPOLIS	57	30	83	21	43	9	-.4	0	1.7	109	3.5	106	87	47	0	0	4	0	
ROCHESTER	57	31	79	20	44	11	0	0	1.6	101	2.8	93	90	50	0	0	4	0	
MS GREENWOOD	75	41	80	31	58	0	0	0	3.1	54	5.2	34	87	25	0	0	1	0	
JACKSON	77	39	81	28	58	-1	0	0	3.3	61	5.6	38	92	26	0	0	1	0	
MERIDIAN	78	38	82	26	58	-1	0	0	3.7	59	7.0	44	93	24	0	0	1	0	
MO CAPE GIRARDEAU	73	43	81	36	58	—	.1	0	1.8	38	5.6	53	85	36	0	0	0	0	
COLUMBIA	74	44	85	32	59	13	-.3	-.3	1.2	39	5.3	83	67	23	0	0	1	0	
KANSAS CITY	74	47	86	34	60	15	-.1	-.1	1.3	57	2.5	56	75	29	0	0	1	1	
SAINT LOUIS	73	47	87	34	60	12	-.1	-.1	1.0	32	5.8	84	60	21	0	0	0	0	
SPRINGFIELD	73	44	81	34	58	10	-.2	-.7	2.1	65	4.1	59	68	28	0	0	0	0	
MT BILLINGS	67	40	79	27	53	17	0	0	1.0	106	3.1	119	60	20	0	0	2	0	
GLASGOW	63	34	77	24	48	18	-.1	0	-.3	78	1.1	92	75	27	0	0	3	0	
GREAT FALLS	62	37	73	27	50	16	-.2	0	.1	8	1.4	54	55	24	0	0	3	0	
HAVRE	61	36	74	25	49	16	-.1	0	1.1	27	1.2	80	71	27	0	0	3	0	
HELENA	63	31	75	24	47	13	-.2	0	.4	70	2.0	118	72	23	0	0	5	0	
KALISPELL	56	32	72	24	44	9	-.1	0	.3	33	4.4	126	93	41	0	0	5	1	
MILES CITY	69	34	80	20	52	16	-.1	0	.2	36	1.3	76	70	24	0	0	2	1	
MISSOULA	59	32	73	24	46	9	-.2	0	.5	69	3.6	120	93	36	0	0	4	1	
NE GRAND ISLAND	74	41	90	33	57	18	-.4	0	1.9	133	2.4	89	80	26	1	0	0	0	
LINCOLN	76	43	89	30	59	19	-.5	0	2.3	129	2.9	35	75	25	0	0	1	0	
NORFOLK	70	38	88	30	54	16	-.4	0	2.7	188	3.9	144	79	27	0	0	1	0	
NORTH PLATTE	72	33	86	26	52	14	-.3	0	.7	66	1.8	90	87	23	0	0	2	0	
OMAHA	73	44	88	34	58	19	-.5	0	2.7	146	3.7	106	65	37	0	0	0	0	
SCOTT'SBLUFF	69	33	79	24	51	13	0	0	.8	90	2.8	165	73	19	0	0	3	0	
VALENTINE	72	36	82	25	54	18	0	0	1.8	241	2.5	156	66	19	0	0	1	0	
NV ELY	65	30	71	25	48	12	-.2	0	1.4	160	2.4	104	77	23	0	0	6	0	
LAS VEGAS	85	55	89	49	70	13	-.1	0	.3	82	.7	50	37	14	0	0	0	0	
RENO	71	35	77	29	53	11	0	0	.9	126	6.1	210	78	19	0	0	2	0	
WINNEMUCCA	70	31	77	26	50	10	-.2	0	.4	62	1.5	68	81	21	0	0	3	0	
NH CONCORD	60	31	75	17	45	9	-.5	-.5	4.5	164	11.7	146	88	34	0	0	5	0	
NJ ATLANTIC CITY	63	32	71	17	47	3	0	0	1.9	49	9.1	86	90	30	0	0	3	0	
NM ALBUQUERQUE	74	42	77	36	58	9	0	0	.2	34	1.4	108	44	13	0	0	0	0	
CLOVIS	76	43	80	38	60	10	0	0	.1	24	1.4	82	73	19	0	0	0	0	
ROSWELL	80	44	83	36	62	6	0	0	-.1	24	1.2	150	66	15	0	0	0	0	
NY ALBANY	61	34	82	22	47	9	-.2	-.5	5.0	178	11.2	149	78	35	0	0	3	1	
BINGHAMTON	58	35	75	25	46	11	-.3	-.2	3.0	109	9.1	120	73	32	0	0	3	2	
BUFFALO	58	36	74	26	47	10	-.1	-.6	2.0	70	6.9	84	79	38	0	0	3	2	
NEW YORK	61	41	75	32	51	7	0	0	1.9	50	9.1	91	70	32	0	0	1	1	
ROCHESTER	61	37	77	27	49	12	-.1	-.5	0	83	6.0	86	78	33	0	0	2	3	
SYRACUSE	62	37	79	26	49	12	-.5	-.2	2.8	97	7.4	90	83	36	0	0	3	3	
NC ASHEVILLE	68	32	74	20	50	1	0	0	2.8	57	5.7	48	88	23	0	0	5	0	
CHARLOTTE	71	44	77	28	58	4	0	0	3.0	66	5.0	41	68	21	0	0	1	0	
GREENSBORO	70	37	76	24	54	3	0	0	2.1	57	4.4	42	75	20	0	0	1	0	
HATTERAS	65	45	75	32	55	1	0	0	1.2	32	8.4	67	94	47	0	0	1	0	
NEW BERN	70	41	76	32	56	0	0	0	4.2	121	9.2	81	87	29	0	0	1	0	
RALEIGH	71	39	77	22	55	3	0	0	3.1	88	6.6	63	79	20	0	0	1	0	
WILMINGTON	72	42	79	28	57	0	0	0	3.4	89	8.0	73	86	30	0	0	1	0	
ND BISMARCK	62	32	78	24	47	16	-.2	0	-.3	39	.9	56	77	25	0	0	4	1	
FARGO	52	32	76	25	42	13	-.3	0	-.1	14	1.2	71	86	51	0	0	5	0	
GRAND FORKS	54	30	69	19	42	14	-.2	0	0	4	1.0	50	84	44	0	0	5	0	
WILLISTON	61	31	74	21	46	16	0	0	0	0	0	0	0	0	0	0	0	0	
OH AKRON-CANTON	62	35	76	27	49	8	-.2	-.6	2.1	65	6.6	84	75	33	0	0	4	1	
CINCINNATI	67	40	77	31	53	8	-.2	-.7	2.8	75	6.6	70	71	28	0	0	3	1	
CLEVELAND	62	37	78	27	50	9	-.1	-.6	2.4	88	7.7	104	76	36	0	0	3	2	
COLUMBUS	65	37	78	29	51	7	-.2	-.6	2.6	87	7.2	91	76	31	0	0	3	1	

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS.

Weather Data for the Week Ending March 29, 1986

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 JAN 1	PCT. NORMAL SINCE JAN 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE		PRECIPITATION	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	65	38	78	28	52	8	.3	-.5	.3	4.0	141	9.4	125	75	32	0	3	1	0
TOLEDO	64	36	79	24	50	10	.2	-.5	.1	2.2	89	5.6	90	76	32	0	3	2	0
YOUNGSTOWN	62	35	77	26	49	9	.2	-.6	.2	1.4	45	4.5	56	78	38	0	3	1	0
OK OKLAHOMA CITY	76	51	81	47	63	11	0	0	0	1.8	91	2.4	57	83	36	0	0	0	0
TULSA	76	53	83	43	65	12	0	0	0	2.1	74	3.4	57	70	29	0	0	0	0
OR ASTORIA	57	41	61	37	49	4	1.0	-.6	.6	6.0	87	26.6	102	95	67	0	0	6	1
BURNS	62	32	71	26	47	9	.1	0	.1	1.3	324	6.2	477	114	41	4	1	0	0
MEDFORD	70	41	79	31	55	9	.1	-.3	.1	1.0	58	8.3	114	92	40	0	2	2	0
PENDLETON	62	42	69	36	52	7	.2	0	.2	1.1	107	5.3	139	85	45	0	0	0	0
PORTLAND	63	45	68	41	54	7	.8	.1	.6	2.2	64	12.2	90	95	50	0	2	2	1
SALEM	63	42	69	39	53	7	.9	0	.7	2.6	63	17.1	109	95	54	0	0	1	0
PA ALLENTOWN	63	31	77	22	47	5	T	-.9	T	2.1	59	10.7	107	77	24	0	3	0	0
ERIE	62	38	78	27	50	13	.1	-.6	.1	2.0	76	7.1	97	72	34	0	3	1	0
HARRISBURG	65	39	78	28	52	7	.1	-.7	.1	3.1	95	9.8	109	71	25	0	1	1	0
PHILADELPHIA	65	35	76	27	50	5	T	-.9	T	1.3	35	8.8	92	84	28	0	3	0	0
PITTSBURGH	63	35	78	27	49	7	.1	-.8	.1	1.4	42	7.3	85	69	25	0	4	1	0
SCRANTON	61	37	77	28	49	9	.1	-.6	.1	4.3	173	9.4	138	66	29	0	3	1	0
RI PROVIDENCE	58	36	71	22	47	6	.2	-.8	.1	3.1	76	12.1	103	86	38	0	3	2	0
SC CHARLESTON	73	47	80	29	60	1	0	0	0	3.3	79	9.4	86	92	34	0	1	0	0
COLUMBIA	75	37	78	23	56	-2	0	0	0	3.2	66	5.7	43	92	22	0	1	0	0
FLORENCE	76	44	79	28	60	2	0	0	0	1.9	86	5.6	52	83	23	0	1	0	0
GREENVILLE	73	40	78	24	56	2	0	0	0	2.6	48	5.2	37	80	24	0	1	0	0
SD ABERDEEN	62	33	80	28	48	15	0	0	0	1.3	57	1.6	80	91	31	0	4	0	0
HURON	65	35	81	30	50	16	0	0	0	1.4	124	2.2	96	83	33	0	3	0	0
RAPID CITY	69	38	79	28	54	18	0	0	0	.8	83	2.2	110	66	20	0	2	0	0
SIoux FALLS	64	32	81	28	48	13	0	0	0	1.5	100	2.2	76	87	36	0	4	0	0
TN CHATTANOOGA	74	38	79	25	56	3	0	0	0	1.4	24	6.1	39	92	24	0	1	0	0
KNOXVILLE	73	33	79	20	53	0	0	0	0	1.7	33	6.6	47	87	21	0	4	0	0
MEMPHIS	76	46	82	40	61	6	0	0	0	1.9	38	4.9	35	72	23	0	0	0	0
NASHVILLE	73	40	79	30	56	4	.1	-.2	.1	2.3	44	6.1	44	80	23	0	1	0	0
TX ABILENE	77	53	82	49	65	6	0	0	0	.5	51	2.0	69	77	32	0	0	0	0
AMARILLO	76	45	80	39	61	11	0	0	0	.6	71	1.6	84	71	23	0	0	0	0
AUSTIN	78	53	82	44	65	2	0	0	0	.4	26	2.0	36	93	38	0	0	0	0
BEAUMONT	77	50	82	40	63	-1	T	-.7	T	2.3	83	5.1	48	89	33	0	0	0	0
BROWNSVILLE	80	56	83	50	68	-3	0	0	0	T	0	1.3	39	90	41	0	0	0	0
CORPUS CHRISTI	78	53	80	47	65	-3	T	-.2	T	.2	21	2.9	74	96	42	0	0	0	0
DEL RIO	80	56	82	49	68	2	0	0	0	T	0	1.9	95	73	30	0	0	0	0
EL PASO	80	43	81	33	61	4	T	-.1	T	.4	130	.8	73	46	16	0	0	0	0
FORT WORTH	77	53	83	48	65	6	0	0	0	1.1	48	3.6	62	89	37	0	0	0	0
GALVESTON	71	59	78	55	65	1	0	0	0	1.0	51	3.4	47	87	57	0	0	0	0
HOUSTON	77	51	82	45	64	0	0	0	0	1.4	58	4.9	55	86	42	0	0	0	0
LUBBOCK	79	47	83	42	63	10	0	0	0	.4	46	1.3	72	76	24	0	0	0	0
MIDLAND	79	46	81	41	63	5	0	0	0	T	6	.4	27	90	27	0	0	0	0
SAN ANGELO	78	51	81	48	65	4	0	0	0	.6	87	1.5	68	82	32	0	0	0	0
SAN ANTONIO	78	51	81	42	64	0	0	0	0	.4	29	3.7	80	88	35	0	0	0	0
VICTORIA	79	52	82	47	65	-1	0	0	0	1.0	83	2.7	50	97	35	0	0	0	0
WACO	79	51	84	47	65	4	0	0	0	.4	24	5.0	89	93	38	0	0	0	0
WICHITA FALLS	78	50	83	44	64	8	0	0	0	.8	50	1.9	53	79	34	0	0	0	0
UT BLANDING	69	36	74	33	52	11	0	0	0	.6	83	2.3	74	67	24	0	0	0	0
CEDAR CITY	70	36	82	30	53	11	T	-.3	T	1.2	115	1.9	79	74	24	0	3	0	0
SALT LAKE CITY	67	41	75	35	54	11	.1	-.4	.1	1.7	105	3.8	88	75	27	0	1	0	0
VT BURLINGTON	53	33	67	20	43	10	.4	-.1	.3	2.8	136	8.1	145	78	43	0	3	3	0
VA NORFOLK	66	41	74	26	53	2	0	0	0	.7	20	5.9	56	80	33	0	1	0	0
RICHMOND	72	38	81	24	55	4	0	0	0	1.1	34	6.5	67	79	20	0	1	0	0
ROANOKE	71	36	79	22	54	4	0	0	0	1.2	36	5.0	53	64	18	0	2	0	0
WA COLVILLE	57	38	65	28	48	8	.4	-.2	.4	1.0	86	6.3	131	86	53	0	2	2	0
QUILLAYUTE	51	43	54	39	47	5	4.8	2.5	1.6	13.0	122	41.8	111	100	81	0	0	7	5
SEATTLE-TACOMA	57	44	64	41	51	6	1.1	.6	.6	2.6	76	15.5	113	90	56	0	2	3	1
SPOKANE	55	38	64	31	47	7	.9	.6	.5	1.5	119	6.6	122	90	47	0	2	3	0
YAKIMA	62	34	72	25	48	4	.1	-.1	0	.5	89	3.6	129	94	38	0	2	2	0
WV BECKLEY	65	36	73	26	50	6	.1	-.8	.1	2.1	53	6.2	59	63	20	0	2	1	0
CHARLESTON	69	36	79	23	53	4	.1	-.8	.1	1.9	50	8.3	81	70	20	0	2	2	0
HUNTINGTON	70	39	80	29	54	6	.2	-.7	.2	1.6	41	6.5	66	69	20	0	2	2	0
PARKERSBURG	67	36	78	29	52	5	.1	-.8	.1	2.2	58	7.3	70	70	25	0	2	1	0
WI GREEN BAY	56	30	76	16	43	10	T	-.5	T	2.5	143	3.9	98	87	47	0	4	1	0
LA CROSSE	62	34	84	22	48	12	0	0	0	1.9	106	3.2	89	82	36	0	3	0	0
MADISON	63	33	82	21	48	12	T	-.6	T	1.6	79	5.3	129	82	35	0	4	1	0
MILWAUKEE	63	37	82	25	50	14	.4	-.3	.4	1.8	78	6.7	126	78	34	0	3	1	0
WAUSAU	54	28	78	14	41	9	T	-.5	T	2.0	112	3.3	92	89	45	0	4	0	0
WY CASPER	67	34	74	23	51	16	T	-.3	T	.5	53	1.7	85	65	21	0	3	0	0
CHEYENNE	64	34	74	23	49	15	0	0	0	.5	56	1.1	65	64	19	0	4	0	0
LANDER	65	35	72	27	50	15	0	0	0	.5	48	1.8	86	56	16	0	3	0	0
SHERIDAN	68	35	76	24	51	17	T	-.3	T	1.1	114	2.9	116	69	19	0	3	0	0
PR SAN JUAN	85	71	89	66	78	0	.3	-.3	.1	1.6	77	5.0	70	89	56	0	0	4	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS.

Heating Degree Day Data Weekly Summary

HEATING DEGREE DAY DATA WEEKLY SUMMARY
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA
ASSESSMENT AND INFORMATION SERVICES CENTER-NRDIS-NOAA

LAST DATE OF DATA COLLECTION PERIOD IS 3-29-1986
ACCUMULATIONS ARE FROM JULY 1
** = NORMAL LESS THAN 100 OR RATIO INCALCULABLE

Table with columns: STATE CITY, CALL, WEEK TOTAL, WEEK DEV FROM, WEEK DEV FROM, CUM TOTAL, CUM DEV FROM, CUM DEV FROM, CUM DEV FROM, CUM DEV FROM. Lists cities from AL BIRMINGHAM to MT HELENA.

Table with columns: STATE CITY, CALL, WEEK TOTAL, WEEK DEV FROM, WEEK DEV FROM, CUM TOTAL, CUM DEV FROM, CUM DEV FROM, CUM DEV FROM, CUM DEV FROM. Lists cities from MT KALISPELL to WY SHERIDAN.

National Agricultural Summary

March 24 to 30, 1986

HIGHLIGHTS: Warm, dry weather spurred land preparation and seeding across most of the Nation. The warmth promoted small grain growth, but the lack of moisture slowed growth in some Great Plains States. In Texas, moisture was short as small grains moved into the critical heading stage. Soil moisture was generally adequate, but more moisture is needed in the Plains States. Fieldwork averaged 5 days or more in most areas of the Nation. Rain limited fieldwork to less than 5 days in most Corn Belt States and in the Northeast.

Corn planting gained momentum across the southern half of the United States. Planting ranged from just beginning in North Carolina, Arkansas, Missouri, South Carolina, and Virginia to 70 percent (%) complete in Texas. Arkansas, Oklahoma, and Mississippi planted sorghum. Sorghum planting was 61% finished in Texas. Cotton planting progressed rapidly in Arizona and Texas. Winter wheat was mostly good. Spring small grain seeding gained momentum. Tobacco transplanting reached 23% completion in Georgia. Livestock was mostly good. Pastures began greening in northern areas.

SMALL GRAINS: Additional warmth promoted small grain growth across the Nation, but the lack of moisture slowed growth in most Plains States. Wheat was mostly good to fair. Wheat development ranged from greening in Minnesota to heading in the Southeast.

Kansas wheat grew well, but wind and warm weather depleted soil moisture. Wind damage was light to moderate, but disease began increasing.

Nebraska's wheat was mostly good. Winterkill was very light, and disease nonexistent except for a few reports of soil-borne mosaic in the southeastern part of the State.

In Oklahoma, wheat development was 1 week ahead of normal. Forty-five percent of the acreage was jointing compared with 35% last year and 30% normally. Wheat was mostly good. Growers applied fertilizer and sprayed to control alfalfa weevils.

Texas wheat was good to fair. In the Plains, small grains suffered from the lack of moisture and producers increased irrigation. Most wheat reached the boot stage, and some early seeded wheat headed-out. Most small grains from the Blacklands into central and south Texas were heading but lacked rainfall for good head development and yields. Scattered fields were wilting from dryness.

Wheat and small grain development prospered in the Southeast with development ahead of normal in most areas. Wheat jointing was 9 points ahead of normal in Georgia. Wheat was 26% headed in Louisiana compared with 17% normally. Ninety percent of Arizona's wheat and barley was jointing, and 40% of the acreage was heading. Growth was ahead of normal with crop conditions good to excellent. Small grains were excellent in California and continued maturing.

Spring seeding of small grains was underway throughout the northern and central Plains and Rocky Mountains States. Seeding was just beginning in a few Corn Belt States. Oat and barley seeding was 90% finished in Kansas.

OTHER CROPS: Open weather spurred seeding and land preparation across much of the Nation. Corn and soybean producers in the Corn Belt, Great Plains, and Rocky Mountains States harvested corn and soybeans left from 1985.

Corn planting was underway in 12 States across the southern half of the United States. Seeding

ranged from just beginning in Missouri, North Carolina, Virginia, and Arkansas to 70% finished in Texas. Texas seeding was 28 points ahead of normal. Early planted corn was up to good stands from the Blacklands south to the Rio Grande Valley. Corn was 69% seeded in Louisiana, 9 points ahead of normal. In Louisiana, half the corn acreage was emerged. Georgia corn producers advanced seeding to 52% completion with crop condition fair to good. Mississippi corn producers were planting corn 7 points faster than normal but were 2 points slower than last year.

Sorghum seeding moved into Arkansas, Oklahoma, and Mississippi. Mississippi's acreage was 2% seeded with seeding just starting in the other two States. Seeding ran 3 points ahead of normal in Louisiana. Sorghum was 61% seeded in Texas. Dryness caused scattered replanting in the Blacklands. Early planted sorghum was up to good stands from the Blacklands to the Rio Grande Valley.

Cotton seeding was limited to Arizona, California, and Texas. In Texas, cotton planting declined in the Rio Grande Valley and at Coastal Bend but moved fast along the Upper Coast. Planting increased in south central Texas and a few fields were seeded in the southern Blacklands. Seeding reached 9% completion. Planting continued in California with 20% of the desert acreage planted. Cotton seeding was active in Arizona with 35% of the acreage seeded, 5 points ahead of last year.

In Texas, rice seeding was above normal by 6 points and was 9 times greater than in 1985. Planting moved briskly along the Upper Coast but declined in many areas. Louisiana's rice was 19% planted and 9% emerged. Seeding was just underway in Mississippi.

Tobacco transplanting advanced to 23% complete in Georgia. Transplanting and replanting was active in Florida. Seedbed preparation and seeding was active from Virginia to Kentucky.

FRUIT AND NUTS: Peaches were severely damaged from earlier frost and freezing temperatures in Arkansas, Louisiana, and some areas of Texas. Some peaches were damaged in Georgia, but the full extent is not yet known.

Florida's citrus bloom peaked, and new foliage was abundant. Early orange harvest neared completion, and Temple harvest slowed. Grapefruit movement was active. Citrus producers irrigated and treated groves for insects in Texas. Arizona citrus harvest continued. In California, early variety grapes formed bunches. Apples were past full bloom, and pears were blooming. Citrus harvest progressed normally, but large Navel oranges were culled because of rind puff and granulation. Persimmons and walnuts bloomed. Pecans and pistachios leafed out.

VEGETABLES: Low temperatures covered Florida's vegetable areas, but conditions improved by week's end as temperatures returned to normal. Vegetable shipments increased due to gains in snap beans, sweet corn, cucumbers, eggplant, escarole, squash, and strawberries.

In the Rio Grande Valley, onion harvest increased, but carrot and cabbage harvest slowed. Spinach, broccoli, carrots, and greens were harvested in the San Antonio-Winter Garden area. Frost damaged early planted vegetables in east Texas.

Lettuce packing tapered off in Yuma, Arizona. Mixed vegetable harvest continued in Yuma and in

(Continued to back cover)

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 SRS State Statistical Offices in cooperation with the National Weather Service.

ALABAMA: Temperatures averaged 2 to 5° above normal. No rainfall entire State.

Days suitable for fieldwork 5.4. Soil moisture 27% short, 65% adequate, 8% surplus. Field progress on schedule. Wheat 2% poor, 33% fair, 65% good. Pastures 18% poor, 55% fair, 25% good, 2% excellent. Livestock 4% poor, 53% fair, 41% good 2% excellent. Feed supply 51% short, 49% adequate. Stored feed supply 29% short, 67% adequate, 4% surplus. Primary activities: Planting corn and vegetables, land preparation, fertilizer and lime application, machinery repair, care of livestock and poultry, general farm chores, stocking fish ponds.

ARIZONA: Sunny skies, record high temperatures dominated weather pattern. Hottest day on 27th; maximums 60s to 70s high country, upper 70s to 80s at 5,000 ft., 95 to 100° southwest deserts. Average temperatures 8 to 15° above normal. Widely scattered thunderstorms 28th to 30th; precipitation amounts light.

Cotton planting active; 35% seeded, 30% 1985. Seedbed preparation, pre-irrigation took place. Alfalfa mostly good to excellent. Haying took place west. Weed, insect problems mostly light to moderate; weevil infestations heavy southeast. Sheep grazing light. Spring alfalfa bed preparation continued. Corn seedbed preparation nearing completion central areas, expected to begin soon southeast. Corn west progressing nicely. Sorghum fieldwork progressed. Wheat, barley stands ahead of schedule; crops good to excellent. Plants jointing on 90% of acreage, heading on 40%. Lettuce packing tapered off Yuma, Parker-Poston areas. Lettuce packing continued Harquahala, Rainbow Valley, Salt River Valley, Marana areas. Lettuce Willcox district making good progress. Mixed vegetable harvest continued Yuma, Salt River Valley. Spring potatoes, dry onions excellent. Citrus harvest continued. Late winter rains, snow higher elevations produced normal range, pasture conditions. Soil moisture, stock water adequate to good. Cattle, calves fair to excellent; sheep, lambs good. Insect damage to ranges light.

ARKANSAS: Temperatures well above normal. Isolated light showers at middle of week. Temperature extremes 29°; 88°. Rainfall none to 0.05 in.

Early wheat damaged by previous freezing, slight overall. Damage apparent peach crop with heaviest northwest, east central; central damage slight. Some corn, grain sorghum planted. Pasture fair, rain needed.

CALIFORNIA: Period dominated by high pressure, average temperatures 8 to 12° above normal. Low pressure system early gave northern State border only rain. High pressure quickly returned, pushed temperatures near record levels.

Fieldwork activity increased. Small grains excellent, continued maturing. Alfalfa growers applied ground squirrel, gopher bait. Hay harvesting, greenchopping continued. Cotton planting continued. Approximately 20% planted desert. Corn fields prepared. Rice ground too wet to work. Apples past full bloom, Central Valley. Kiwi, grapes pushed growth. Bunches on early varieties. Coachella table grapes ahead normal. Pears bloomed. Citrus harvest progressed normally. Large Navel oranges culled, rind puff, granulation. Persimmons, walnuts bloomed. Pecans, pistachios leafed out. Artichokes fairly heavy supply Salinas, variable quality. Asparagus harvest

continued Firebaugh District, Delta, some slime problem. Harvest continued south coast. Desert harvest practically finished except Coachella Valley. Broccoli shipments heavy, variable quality Salinas, Santa Maria. Harvest active Fresno, south coast good quality, fair prices. Carrot digging active Imperial Valley, Coachella Valley. Fresno plantings make good growth. Cauliflower moderate Salinas, fairly light Santa Maria, variable quality. Celery transplanted. Sweet corn planting active Los Angeles-Orange County. Lettuce volume central San Joaquin increased, harvest started, fairly heavy supply, variable quality, good prices. Harvest continued south coast. Palo Verde Valley finish by 5th. Dessert melons bloom. Potato movement Tulelake-Butte valley active. Harvest White Rose, Red varieties Perris-Hemet continued average quality, demand. Fieldwork early potato varieties Tulelake-Butte valley. Strawberry picking full swing good prices, some decay, south coast. Sweetpotato hotbeds doing well Merced-Atwater. Hotbed seeding, field fumigation continued Modesto-Turlock. Planting processing tomatoes reached peak Delta, continued Huron. Tomatoes transplanted Merced-Atwater, Los Angeles-Orange County. Range, pasture growth excellent. Grass maturing earlier than normal many areas. Supplemental feeding decreasing most areas. Livestock made good gains. Calving declining northern district. Lambing nearing end. Feedlots drying slowly.

COLORADO: Temperatures averaged 9 to 12° above normal. Precipitation totals averaged none to 0.05 in.

Days suitable for fieldwork 5.8. Soil moisture 7% very short, 40% short, 43% adequate, 10% surplus. Winter wheat 2% very poor, 4% poor, 12% fair, 71% good, 11% excellent. Seedbed preparation, seeding of small grains active. Livestock good; range and pasture fair to good. Calving, lambing progress near normal.

FLORIDA: Cool, dry air followed a moderate cold front down Peninsula 24th, 25th with rainfall of 0.50 in. or less. Showers, thunderstorms late 26th through weekend produced general rainfall over southeast coast of 3.00 to 5.00 in., some heavier amounts.

Soil moisture adequate, except Panhandle short supplies. Corn damaged by earlier freeze, some replanted, most expected to recover. Tobacco transplanting, replanting active. Wheat good progress. Land preparation underway soybeans, sorghum. Sugarcane harvest complete, young crop rebounding from winter freezes. Panhandle pastures dry, condition poor to good. Elsewhere, warmth, rains improved pastures; condition mostly good. Cattle fair Panhandle, fair to good elsewhere. Citrus groves good. Mild temperatures with few showers; irrigation continued. Citrus bloom at peak; new foliage abundant. Early season cold front early week brought strong winds, light rains, low temperatures over vegetable producing areas. Conditions improved by end of period with highs mostly 80s. Heavy rains midweek along southeast coast. Harvest active Dade County, increasing Pompano, southwest. Increased shipments due to gains snap beans, sweet corn, cucumbers, eggplant, escarole, squash, strawberries offsetting lower supplies cabbage, carrots, cauliflower, celery, lettuce, peppers, potatoes, radishes, tomatoes.

GEORGIA: No rain. Temperatures 2 to 50° above normal. Coldest temperature 27° Blairsville morning of 29th. Maximum temperatures 80° or above 29th, 30th.

Days suitable for fieldwork 5.8. Soil moisture 1% very short, 18% short, 80% adequate, 1% surplus. Corn 7% poor, 48% fair, 43% good, 2% excellent; 52% planted, 52% 1985, 46% avg. Tobacco 4% poor, 50% fair, 46% good; 23% transplanted, 18% 1985, 22% avg. Watermelons 6% poor, 55% fair, 39% good; 47% planted, 71% 1985, 45% avg. Wheat 2% poor, 18% fair, 71% good, 9% excellent; 71% jointing, 72% 1985, 62% avg.; 22% boot, 17% 1985, 16% avg. Rye 1% poor, 18% fair, 69% good, 12% excellent. Other small grains 3% poor, 17% fair, 73% good, 7% excellent. Apples 7% poor, 14% fair, 79% good; 25% blooming, 2% 1985. Peaches 3% very poor, 5% poor, 40% fair, 50% good, 2% excellent; 86% blooming, 73% 1985, 80% avg. Pasture 3% poor, 32% fair, 62% good, 3% excellent. Cattle 27% fair, 70% good, 3% excellent. Hogs 18% fair, 77% good, 5% excellent. Main activities: Seedbed preparation; planting spring crops; liming, fertilizing pastures, hay fields; applying nitrogen, herbicides to small grains; some freeze damage on corn, tomatoes, early watermelons; cold temperatures and frost damaged peaches, full extent not accessed.

HAWAII: High pressure area north of State responsible for northeast winds gusting to 30 mph. Temperatures ranged mid 60s to mid 80s. Rainfall ranged from none to 4.00 in. across State.

Days suitable for fieldwork 7.0. Water restrictions lifted some areas. Adequate soil moisture banana, papaya orchards. Additional rainfall would be welcomed other areas. Some wind damage to vine crops.

IDAHO: Precipitation north most week. South remained dry. Precipitation below normal, temperatures above normal.

Days suitable for fieldwork 6.0. Spring wheat 16% seeded, 2% 1985, 8% avg. Spring barley 10% seeded, 2% 1985, 4% avg. Sugarbeets 14% planted, 14% 1985, 4% avg. Onions 38% planted, 38% 1985, 28% avg. Dry peas 4% planted, none 1985, none avg. Calving 68% complete; lambing 82%. Winter wheat fair to good. Hay, roughage supply fair to good. Fruit trees budding, blooming. Livestock good.

ILLINOIS: Temperatures averaged 16 to 19° above normal north; 11 to 17° above normal south. Precipitation 0.20 to 0.40 in. north; .010 in. south. Averaged 0.40 in. below normal north; 0.90 to 1.20 in. below normal south.

Winter wheat mostly good. Livestock good.

INDIANA: Above normal temperatures. Lows in 40s, highs in 70s. Rainfall below normal. Totals less than 0.25 in. most of State except southeast 0.25 to 0.40 in.

Spring fieldwork full swing. Soils drying. Activities: Tilling, cleaning bunkers, spreading manure, seeding clover, grass seed, cutting wood, cleaning fence rows, spreading fertilizer, seeding oats, preparing tobacco plant beds, caring for livestock, usual chores. Apples budding. Some heaving, wheat, pastures. Livestock condition varied.

IOWA: Unusually warm, dry week. Light showers primarily southeast 25th to 26th, amounts 0.70 in. North English. Record high temperatures 28th, almost everywhere 29th. Highest 91° Des Moines, 90° Ames, Marshalltown.

Days suitable for fieldwork 2.3. Topsoil moisture 3% short, 73% adequate, 24% surplus; subsoil moisture 4% short, 70% adequate, 26% surplus. Winter wheat 2% very poor, 11% poor, 39% fair, 47% good, 1% excellent. Fieldwork slowed by wet soil, 10% oats sown, 29% 1985, 17% avg.

Fertilizer application 18% completed: Livestock good; calving, lambing few problems. Pastures beginning to green. Other farm activities: Hauling manure, readying equipment, usual chores.

KANSAS: Precipitation 0.15 to 0.25 in. central, southeast, east central districts; little or none elsewhere. Temperatures averaged 60° northwest, 64° east, south central; 16 to 19° above normal.

Days suitable for fieldwork 5.5. Soil moisture 46% short, 52% adequate, 2% surplus. Wheat good growth; wind, warm weather depleting moisture. Wind damage light to moderate; diseases increasing. Weed problems more acute, treatment underway. Oat, barley seedings 90% complete. Lambing, calving few death losses. Range, pasture, adequate grazing. Feed grains, hay, forage, adequate to surplus.

KENTUCKY: Warm, relatively dry. Cold front on 25th brought scattered showers, return to normal temperatures. Rapid warming on 27th through weekend. Temperatures averaged 6 to 12° above normal with most areas reaching lower 80s. Coldest readings midweek in mid 20s to mid 30s. Rainfall 0.25 in. or less, 0.75 in. below normal.

Days suitable for fieldwork 5.3. Soil moisture 15% short, 80% adequate, 5% surplus. Tobacco plant bed preparation and seeding, plowing, disking, fertilizing common. Few corn fields planted. Plowing 33% complete. Tobacco plants beds 56% seeded, 68% 1984, 60% avg. Fall seeded grains extremely variable condition. Winterkill loss considerable in Bluegrass. Pastures supplying 25% roughage requirements of cattle. Hay supplies ample.

LOUISIANA: Temperature ranged 3° below normal to 1° above normal. Temperature extremes 28°; 85°. Rainfall none.

Days suitable for fieldwork 6.0. Soil moisture 27% short, 73% adequate. Spring plowing 68% complete, 48% 1985, 50% avg. Corn 69% planted, 55% 1985, 50% avg. Corn 47% emerged, 37% 1985, 30% avg. Rice 19% planted, 15% 1985, 17% avg. Rice 9% emerged, 5% 1985, 9% avg. Winter wheat fair to good; 26% headed, 15% 1985, 17% avg. Sorghum 5% planted, 1% 1985, 2% avg. Sugarcane fair to good. Vegetables fair; heavy loss to peach crop due to frost. Pasture, livestock fair to good. Main activities: Spring plowing; planting corn, rice, sorghum, spring gardens; applying fertilizer; harvesting strawberries.

MARYLAND & DELAWARE: Maryland: Temperatures averaged 1° above normal over State. Lowest temperature 5° Oakland; highest temperature 78° Hancock. Precipitation averaged 0.03 in., ranging from none to 0.25 in.

Days suitable for fieldwork 7.0. Topsoil moisture adequate; subsoil moisture adequate. Small grains good. Farmers' main activities: Spreading lime and fertilizer; planting peas, potatoes, oats; plowing; and spreading manure.

Delaware: Temperatures averaged 3° above normal over State. Lowest temperature 19° Wilmington, Georgetown; highest temperature 74° Georgetown. Precipitation averaged a trace, ranging from none to a trace.

Days suitable for fieldwork 7.0. Topsoil moisture adequate; subsoil moisture adequate. Small grains good. Farmers' main activities: Spreading lime and fertilizer, planting peas and potatoes, plowing, and spreading manure.

MICHIGAN: Pleasant warm spring week across State. Temperatures averaged 11° above normal. Precipitation light.

Farm activities increase. Fields drying. Corn, soybean harvest morning. Plowing south. Machinery preparation. Small grain, hay fields good. Grain, hay, livestock marketings continued. Fruit tree,

grapevine pruning active. ASCS sign-up active. Calving, lambing continued. Feed supplies good.

MINNESOTA: Temperatures averaged 8 to 140 above normal. Temperature extremes 60; 830. Precipitation averaged 0.05 to 0.52 in. below normal. No precipitation except northern third. Snow depth weeks end averaged 6 in. northeast, none to trace elsewhere.

Frost still on ground, topsoil still generally very wet. Harvest of 1985 corn resumed scattered localities. Winter wheat, rye began greening-up.

MISSISSIPPI: Average temperatures 10 above normal. Extremes 270; 850. No rainfall.

Days suitable for fieldwork 6.0; 2.9 1985, 2.9 average. Soil moisture 3% very short, 13% short, 84% adequate. Main activities: Fieldwork and obtaining financing. Corn 4% very poor, 8% poor, 67% fair, 21% good; 34% planted, 36% 1985, 27% avg.; 15% emerged, 15% 1985. Wheat 3% very poor, 3% poor, 43% fair, 48% good, 3% excellent; 80% jointing, 73% 1985; 4% heading, 4% 1985. Rice 1% planted, none 1985, none avg. Sorghum 2% planted. Watermelons 20% planted, 21% 1985, 25% avg. Pasture 3% very poor, 3% poor, 37% fair, 50% good, 7% very good. Livestock 3% very poor, 39% fair, 52% good, 6% very good.

MISSOURI: Temperatures averaged 50 above normal Bootheel, 120 above normal across State. Precipitation widespread, light averaging 0.20 in.

Fieldwork becoming general most areas. Plowing, disking, spreading fertilizer, seeding oats main activities. Corn planting well under way south east, just beginning elsewhere. Moisture mostly adequate, warm, windy weather drying soil.

MONTANA: Very dry, windy, warm. Light precipitation west, southwest, less than 0.25 in. Areas of blowing dust late week. Temperatures 10 to 200 above normal. Highest late week, maximum temperatures 60 to 800.

Fields dried, tillage more active. Warm temperatures started weed, grass growth. Calving, lambing proceeded well.

NEBRASKA: Temperatures ranged from 130 above normal west to 220 above normal east. Only traces of precipitation.

Winter wheat 25% fair, 48% good, 27% excellent. Winterkill very light. Few reports of soil borne mosaic, pennycress southeast. Cattle remained on stalks during March. Feed, hay supplies stabilized west. Elsewhere remained average or above. Pasture, range average. Calving progressed well, losses average or below. Some additional losses during March snowstorm.

NEVADA: Week started with warm temperatures, fair weather all areas. Weak cold front lowered temperatures but high pressure system midweek produced strong warming trend remainder of period. Low pressure system end of week brought strong winds, scattered thunderstorm activity south, east, along Sierras. Precipitation amounts light. Temperatures averaged 9 to 120 above normal.

Good progress fieldwork due to mild, sunny weather. Gusty winds reported most areas. Warm weather easy on newborn calves, lambs.

NEW ENGLAND: Average temperatures ranged from 40° near Canadian border to 50° south coast, 100 above normal. Average precipitation ranged from 0.50 to 0.75 in. over Maine to 0.25 to 0.50 in. elsewhere.

Maple sugaring full swing. Farmers marketing milk, apples, potatoes, and tending to livestock and farm chores.

NEW JERSEY: Temperatures averaged 6 to 80 above normal. Extremes 180; 850. Weekly rainfall

averaged 0.03 in. north, none central, south. Heaviest 24-hour total 0.06 in. on 26th, 27th. Estimated soil moisture percent of field capacity averaged 77% north, 63% central, 50% south. Four inch soil temperatures averaged 450 north, 470 central, 480 south.

Topsoil moisture becoming short on lighter soils. Preparation, planting of early crops increased. Potatoes, peas, onions, lettuce, cabbage, spinach, greens planted. Fruit buds swelling. Pastures greening, early growth beginning.

NEW MEXICO: Average weekly temperatures about 10° above normal. Temperatures 180 central valley, highlands to 880 southeastern plains. Meager rain, snow late week. Precipitation none to 0.10 in. northwestern plateau, western mountains, central valley, highlands.

Days suitable for fieldwork 6.8. Soil moisture 64% short, 36% adequate. Alfalfa 42% fair, 58% good. Barley 25% fair, 62% good, 13% excellent. Irrigated wheat 13% fair, 74% good, 13% excellent. Dryland wheat 75% poor, 25% excellent. Chile 33% fair, 67% good. Onions 100% good. Lettuce 100% good. Cattle 31% fair, 69% good. Sheep 33% fair, 67% good. Range 7% poor, 86% fair, 7% good.

NEW YORK: Warm, dry weather. Average high temperatures close to normal. Below normal temperatures on 24th, then warmer weather. Driest area around New York City, Long Island. Almost 0.50 in. rain Syracuse.

Farm activities included tending livestock, repairing machinery, preparing for spring plowing and planting and general farm chores. Limited lettuce, onion plantings in Orange County.

NORTH CAROLINA: Temperatures averaged near normal to 40 above normal statewide. Temperature extremes 180; 790. Precipitation ranged from none to 0.05 in. across State.

Days suitable for fieldwork 5.4. Soil moisture 1% very short, 24% short, 75% adequate. Wheat 18% fair, 79% good, 3% excellent. Oats 24% fair, 73% good, 3% excellent. Barley 5% poor, 15% fair, 77% good, 3% excellent. Rye 23% fair, 74% good, 3% excellent. Tobacco beds 29% fair, 68% good, 3% excellent. Irish potatoes 17% fair, 83% good; 88% planted, 89% 1985, 74% avg. Feed grains 4% short, 91% adequate, 5% surplus. Hay, roughage 4% short, 96% adequate. Pasture 5% poor, 31% fair, 61% good, 3% excellent. Major farm activities: Land preparation; topdressing small grains; tending tobacco plant beds; planting corn, Irish potatoes, cabbage, other vegetables; spreading lime; pruning, planting, spraying fruit trees; tending livestock; cutting firewood; spraying herbicides, fertilizer on Christmas trees; mowing; fertilizing pastures; conservation work; machinery repair; general farm maintenance.

NORTH DAKOTA: Warm, dry weather last week. Temperatures 11 to 170 above normal. Record highs many locations 28th or 29th. High was 80° southeast on 29th. Little precipitation during week. Most reported was 0.11 in. central and northeast.

Warm, windy weather drying topsoil rapidly. Farmers still making plans for planting.

OHIO: Temperatures 7 to 150 above normal. Lows upper 30s to low 40s, highs upper 60s. Precipitation 0.25 in.; 0.50 to 0.75 in. subnormal. Soil temperatures under bare ground averaged upper 40s.

Windy, hot weather dried soil surfaces rapidly. Farm activities: Plowing; applying fertilizer, manure; seeding oats, early vegetables, tobacco plant beds; transplanting cabbage south. Apples silver tip to green tip stage.

OKLAHOMA: Temperatures averaged 60 above normal southeast, to 130 above normal Panhandle. No precipitation reported.

Days suitable for fieldwork 6.1. Topsoil moisture 50% short, 50% adequate. Subsoil moisture 15% short, 85% adequate. Rain needed to replenish depleted moisture west, south. Wheat 10% fair, 90% good. Wheat 45% jointing, 35% 1983, 30% avg. Development one week ahead of average. Spraying for alfalfa weevils. Applying fertilizer. Sorghum plantings begun southeast, south central. Pastures good; forage supplies 20% short, 80% adequate. Cattle good; marketing increasing, prices rebounded from last week's 1986 low.

OREGON: Temperatures again above normal entire State. Northeastern, central sections averaged nearly 100 above normal. Elsewhere 3 to 80 above normal. Heaviest precipitation along south, central coast, over northwest coast range averaged from 2.00 to 2.50 in. Willamette Valley received just under 1.00 in. Elsewhere precipitation averaged less than 0.50 in.

Soil moisture adequate to surplus. Winter wheat good. Spring fieldwork, grain seeding continued. Weeding, fertilizing fruit crops. Early varieties strawberries blooming. Field preparation, early seeding of vegetables. Livestock good. Spring calving neared completion. Range, pasture good.

PENNSYLVANIA: Average temperature 48.0, 80 above normal. Precipitation averaged 0.06 in., 0.75 in. below normal.

Good weather permitted some spring field work to begin.

PUERTO RICO: Island average rainfall 0.55 in., 0.10 in. below normal. Highest weekly total 2.70 in. Highest 24-hour total 0.50 in. Temperature averaged about 75 to 77 on coasts, 70 to 72 interior divisions. Mean station temperature ranged from 63 to 79. Extremes 53; 89. Total rainfall 0.28 in., 0.29 in. below normal.

SOUTH CAROLINA: Weather warmer, drier than usual. High pressure system dominated weather giving sunny, warm days, cool nights. Temperatures climbed to 80s by late week. Most of State no rainfall, few light showers on coast.

Days available for fieldwork 5.1. Soil moisture 28% short, 72% adequate. Crop planting considerably behind last year. Corn 15% poor, 50% fair, 35% good. Tobacco and cotton planting activity increasing next few weeks. Watermelons, cantaloupes, tomatoes: fair. Cucumbers, snap beans; fair to good. Small grains, pasture benefited from recent warm weather, need more rainfall.

SOUTH DAKOTA: Average temperatures 11 to 180 above normal. Extremes 190; 870. Snow cover none. Precipitation none to 0.13 in. Black Hills and northwest border, none elsewhere. State averages from 0.75 in. below to 1.0 in. above normal for year.

Livestock good. Calving and lambing. Feed supplies low. Major agricultural activities include caring for livestock, securing seed and preparing machinery for spring planting, beginning fieldwork.

TENNESSEE: Temperatures averaged slightly above normal east, 100 above normal west. Low temperature 290 middle; high 870 west. Rainfall less than 0.10 in.

TEXAS: Most districts dry week. Rainfall limited isolated thundershowers south central, few storms High Plains. Low pressure system Panhandle kept winds gusty, dry. Temperatures warmer than usual High Plains, north central. Cloudiness kept south cool.

CROPS: Wheat 6% headed, 2% 1985, none avg. Wheat 10% poor, 37% fair, 46% good, 7% excellent. Small grains Plains suffered from lack of rainfall. Irrigation increased many fields. Most fields boot stage, some early fields heading. Fields from Blacklands into central, south heading. Rainfall critical for head development, good yields. Many fields suffer from rust, greenbugs. Scattered fields some wilting from dryness. Small grains could use good general rain. Corn 70% planted, 40% 1985, 42% avg. Grain Sorghum 61% planted, 33% 1985, 46% avg. Early planted corn, sorghum fields up to good stands Blacklands south to Rio Grande Valley. Some scattered replanting Blacklands because dryness. Land preparations Plains, Cross-Timbers declined, planting begin within two weeks. Some scattered corn planting Low Plains. Planting completed south, Upper Coast. Fields irrigated ensure good emergence. Cotton 9% planted, 5% 1985, 7% avg. Planting declined Valley, Coastal Bend. Planting fast Upper Coast. Planting increased south central. Some scattered planting southern Blacklands. Land prepared Cross-Timbers, Plains. Rice 36% planted, 4% 1985, 22% avg. Planting fast Upper Coast, declined many areas. Flushing began. Other field crops: Sugarbeets none planted, 5% 1985, 19% avg. Planting increased High Plains.

COMMERCIAL VEGETABLES: Rio Grande Valley, onion harvest increased, good yields. Carrot, cabbage harvest slowed. Melons good progress. Citrus producers irrigated, treated groves for insects. San Antonio - Winter Garden harvest greens, carrots, spinach, broccoli. Dryland watermelons not germinating well because dryness. East some frost damage early planted vegetables. Some replanting may be necessary. Planting other spring vegetables continued. High Plains, planting potatoes continued. Onions being watered, developing quickly. Trans-Pecos, onion planting declined. Some pink root occurred. Chili planting begin soon. Cantaloup planting underway. Peach trees blooming across state. Spraying continued many areas. Scattered areas suffered heavy loss from frost two weeks ago. Pecans leafing out many areas, pre-pollination stage some areas.

RANGE AND LIVESTOCK: Ranges, pastures continued suffer under dry, warmer, windy conditions. Weeds increasing over many areas. Greening increasing; growth remains slow. Some topdressing occurred east. Livestock fair to good; weight gains continued good small grain pastures. Forage regrowth small grain pastures slow. Calving continued, lambing almost complete, good crop of lambs. Hornflies, ticks, lice plague Blackland herds. Producers vaccinating Brucellosis, Blackleg disease.

UTAH: Maximum temperatures 11 to 140 above normal throughout State. Minimums from 50 above southeast, south central to 100 above Uintah Basin. Light precipitation north central, northern mountains.

Spring grain planting well underway throughout State. Alfalfa, fall grains growing. Alfalfa to 3 in. high. Mormon cricket populations large Uintah Basin. High grasshopper populations projected many areas; county meetings on insect control continued. Early season fruit in full bloom. Calving, lambing continued, shearing beginning most crops, livestock good shape.

VIRGINIA: Temperatures well above normal. Range 30s to 80s. No rain reported.

Days suitable for fieldwork 5.5. Soil moisture 33% short, 67% adequate. Dry, warm weather promoted fieldwork. Corn planting began, 1% complete. Small grain topdressing continued some areas. Wheat, barley showed good growth with warmth. Overseeding, topdressing hay, pasture land. Alfalfa good to excellent. Flue-cured tobacco plantbeds good to excellent, seeding nearly

complete. Fruit prospects excellent, peaches blooming. Potato planting active east, 80% planted. Other: Preparing vegetable gardens, vegetables for transplanting.

WASHINGTON: Temperatures averaged 1 to 60 above normal. Rain throughout State most of week. Mostly dry, warm, except north coast on 27th, 28th.

Days suitable for fieldwork less than 6.0. Soil moisture 90% adequate, 10% good. Range, pasture 60% short, 40% adequate. Hay supplies 65% short, 35% adequate. Field preparations, spring seedings continue. Still some snow at higher elevations. Orchard clean-up nearly complete, spraying continued. Cherries, apricots full bloom.

WEST VIRGINIA: Temperatures averaged 5 to 10° above normal. Average temperature 52°. Temperature extremes 16° Greenbank; 88° Creston. Precipitation well below normal, average 0.12 in.

Days suitable for fieldwork 5.5. Soil moisture 9% short, 91% adequate. Feed supplies 17% short, 72% adequate, 11% surplus.

WISCONSIN: Temperatures above normal with brisk winds; record temperatures 70s, 80s on 29th. Snow melt heavy with some flooding north. Very little precipitation.

Corn harvest very active, best weather since last August.

WYOMING: Temperatures average 100 above normal. Very dry.

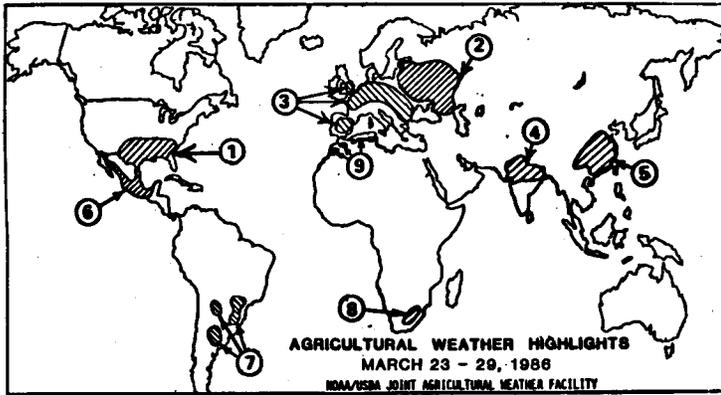
Days suitable for fieldwork 6.0. Topsoil moisture 24% short, 72% adequate, 4% surplus. Subsoil moisture 26% short, 70% adequate, 4% surplus. Spring wheat 5% planted, 5% 1985. Oats 10% planted, 5% 1985. Barley 25% planted, 20% 1985. Sugarbeet planting started. Winter wheat fair to good. Light wind, freeze damage. Livestock mostly good. Spring calves born 40%, 40% 1985. Death losses light. Farm flock: Ewes lambed 50%, 45% 1985; shorn 45%. Range flocks: Ewes lambed 15%, 15% 1985; shorn 15%. Death losses light. Range, pastures fair to good.

International Weather and Crop Summary

March 23-29, 1986

March 1986

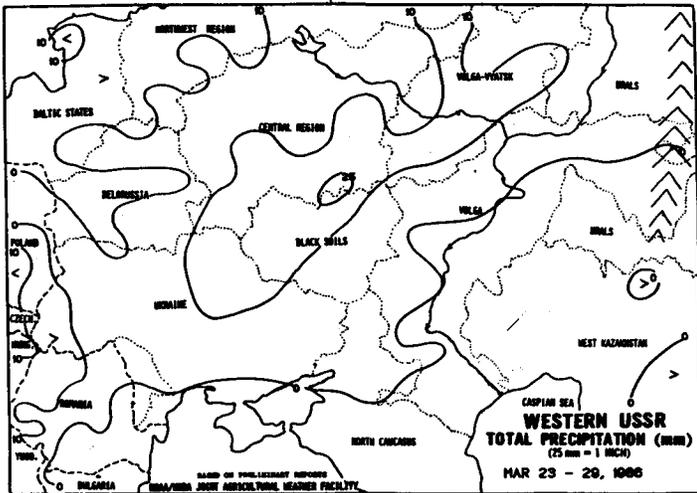
MONTHLY DATA FROM SELECTED FOREIGN CITIES
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA
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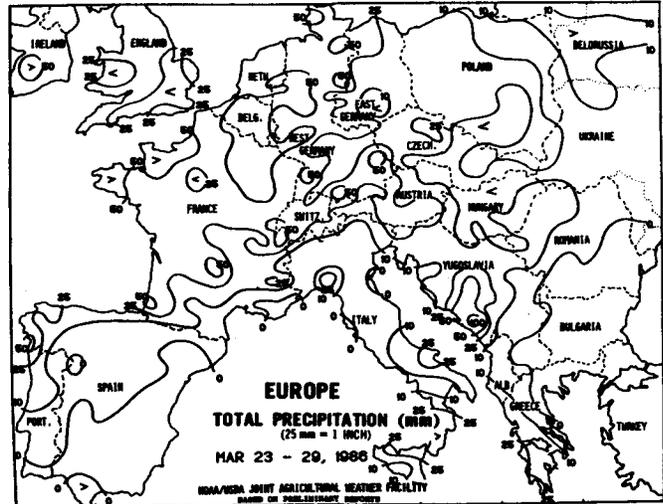
HIGHLIGHTS:

1. **UNITED STATES** ... Warm, dry weather spurs land preparation and seeding across much of the Nation. Warmth promotes small grain growth, but the lack of moisture slows growth in some Great Plains States.
2. **WESTERN U.S.S.R.** ... Unseasonably warm weather covers winter grain areas. Winter grains are breaking dormancy in the south.
3. **EUROPE** ... Wet weather in the northwest stimulates early winter grain growth. Dry weather in Spain is unfavorable for winter grains entering the heading stage in the south.
4. **SOUTH ASIA** ... Mostly dry weather favors maturing and harvesting wheat.
5. **EASTERN ASIA** ... Moderate rain benefits the rice region. More rain is needed in the North China Plain for winter wheat and summer crop planting.
6. **MEXICO** ... Dry, mild weather prevails in the north where cotton planting is likely underway. Light showers benefit vegetable planting around Veracruz.
7. **SOUTH AMERICA** ... Scattered showers fall over all crop areas, causing mostly minor harvest delays. Argentina's crop harvests are advancing on schedule. Brazil's soybean harvest lags behind the average pace.
8. **SOUTH AFRICA** ... Drier weather benefits maturing corn in the Maize Triangle.
9. **NORTHWESTERN AFRICA** ... Rain is needed in Morocco and Algeria for winter grains in the heading stage. Light rain in Tunisia continues to improve moisture conditions.

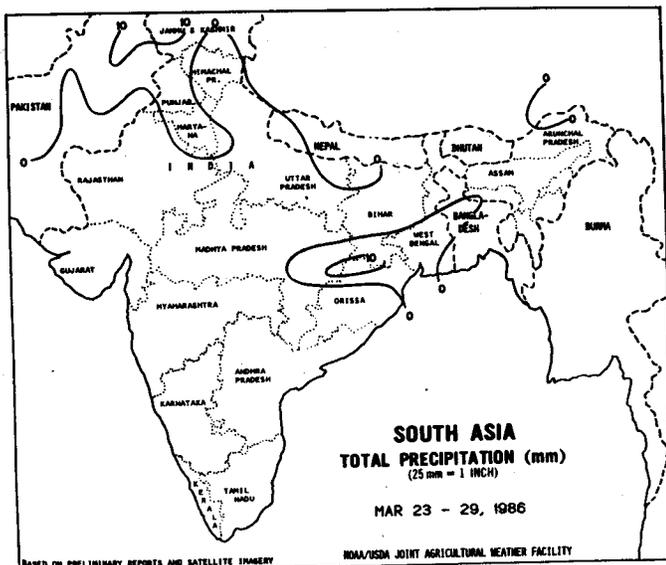
COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
	AVG MAX	AVG MIN	HI MAX	LO MIN	DPART AVG	F/NRM TOTAL	DPART F/NRM	
NORWAY OSLO	2	-3	8	-18	-1	2.0	67.3	27.2
SWEDEN STOCKHOLM	4	-2	8	-14	1	1.1	36.6	13.8
FINLND HELSINKI	1	-3	6	-13	-1	2.0	22.4	-7.7
U KING GLASGOW	9	2	13	-9	5	-0.8	153.0	81.9
EDINBURGH	9	2	14	-9	5	0.1	48.3	6.6
BIRMINGHAM	9	1	14	-10	5	-0.3	48.6	-2.9
LONDON	9	1	14	-6	5	-0.4	73.2	15.8
IRELND DUBLIN	9	3	15	-5	6	-0.1	66.7	16.6
ICELND REYKJAVIK	2	-1	8	-8	1	-0.5	146.7	74.2
DENMRK COPENHAGEN	4	-1	8	-13	1	-0.8	27.0	-5.0
LUXEME LUXEMBOURG	7	0	15	-6	3	-1.2	137.4	80.7
SWITZL ZURICH	7	0	15	-8	4	-0.7	67.1	-1.4
GENEVA	10	1	15	-7	5	-0.4	50.8	-23.2
FRANCE PARIS	10	2	17	-6	6	-0.7	82.9	39.8
STRASBOURG	9	1	17	-8	5	-0.6	55.1	20.9
BOURGES	11	2	18	-4	6	-0.6	69.6	11.6
BORDEAUX	13	4	20	-2	9	0.2	50.2	-23.7
TOULOUSE	14	5	22	-1	9	0.7	46.5	-10.4
MARSEILLE	15	6	18	0	10	0.1	15.2	-29.1
SPAIN VALLADOLID	13	3	19	-3	8	0.6	12.3	-31.4
MADRID	16	3	23	-2	9	-0.3	36.0	-11.3
SEVILLE	20	9	25	5	14	0.5	85.8	11.2
E GRMY LEIPZIG	7	0	14	-13	3	-0.3	48.1	13.6
DRESDEN	7	1	16	-13	4	0.7	47.3	10.3
W GRMY HAMBURG	7	0	14	-12	4	0.3	54.3	10.8
BERLIN	7	0	14	-11	4	-0.2	46.6	14.1
DUSSELDORF	9	2	17	-4	6	-0.3	102.5	61.6
STUTTGART	7	0	15	-8	4	-0.7	26.0	-15.3
NURNBERG	7	0	15	-9	4	0.0	43.0	0.6
MUNICH	7	-1	16	-9	3	-0.4	51.6	-1.9
AUSTRI VIENNA	6	-1	16	-10	3	-2.2	30.5	-0.5
INNSBRUCK	10	0	18	-5	5	0.2	37.1	-9.5
CZECH PRAGUE	7	-1	16	-13	3	0.3	23.1	-5.0
POLAND WARSAW	6	-2	14	-22	2	0.7	16.1	-7.4
LODZ	6	-1	13	-16	2	0.5	20.5	-15.6
KATOWICE	7	-2	14	-16	3	0.2	23.5	-14.6
PRZEMYSL	6	-1	18	-12	2	0.6	11.4	-19.7
HUNGAR BUDAPEST	7	0	16	-10	4	-1.5	35.5	9.5
YUGOSL SARAJEVO	9	1	22	-4	5	1.1	153.4	69.3
ROMANI BUCHAREST	9	1	24	-17	5	0.7	11.0	-21.4
BULGAR SOFIA	9	2	22	-10	5	0.5	24.6	-12.9
ITALY MILAN	11	3	19	-4	7	-0.7	36.0	-43.6
VERONA	11	4	19	-3	7	-0.7	62.0	5.7
VENICE	11	3	18	-3	7	-0.6	46.2	-16.5
GENOA	15	8	18	-2	11	-0.2	48.0	-38.9
ROME	15	6	18	1	11	0.0	90.7	26.8
NAPLES	18	9	22	1	13	2.6	92.3	7.5
GREECE THESSALONIKA	13	6	23	1	10	0.0	25.0	-16.6
LARISSA	13	6	23	0	9	-0.2	30.1	-11.3
ATHENS	16	9	20	3	12	-0.2	46.0	11.6
TURKEY ISTANBUL	9	4	19	-2	7	0.2	15.2	-47.8
ANKARA	14	-2	23	-9	6	0.6	22.4	-4.6
CYPRUS LARNACA	21	9	25	5	15	1.2	8.5	-30.6
USSR TALLINN	3	-3	9	-10	0	3.0	13.7	-10.3
LENINGRAD	4	-2	9	-12	1	4.2	34.1	4.6
KAUNAS	4	-3	11	-17	1	1.5	13.5	-16.3
MINSK	4	-5	10	-19	0	2.0	20.3	-14.3
KAZAN	0	-8	5	-28	-4	1.7	8.7	-12.7
MOSCOW	4	-3	12	-15	0	3.5	8.2	-27.7
SVERDLOVSK	1	-10	10	-26	-4	0.8	2.8	-14.4
OMSK	-5	-13	4	-25	-9	0.7	1.2	-10.2
KUSTANAY	-3	-14	5	-25	-9	0.8	7.4	-7.4
KRASNOYARSK	-1	-9	7	-22	-5	2.6	6.3	-7.2
NOVOSIBIRSK	-5	-12	1	-22	-8	3.2	30.0	14.8
BARNAUL	-4	-12	3	-20	-8	0.2	14.0	-6.0
KHABAROVSK	-1	-10	6	-22	-6	1.7	45.7	27.0
VLADIVOSTOK	2	-4	11	-13	-1	2.0	21.0	-3.0
KIEV	4	-4	17	-19	0	0.1	15.0	-23.0
LVOV	5	-3	20	-21	1	0.8	12.5	-20.1
KIROVOGRAD	5	-3	18	-20	1	1.0	5.7	-18.3



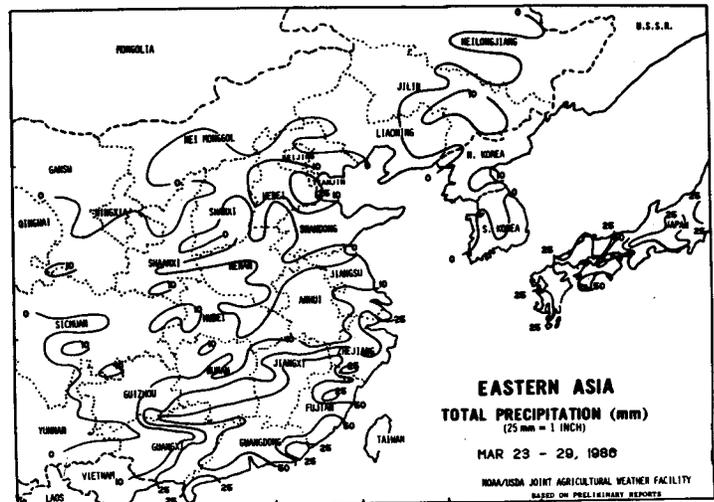
WESTERN U.S.S.R. ... Light showers, over northern and central winter grain areas, followed 3 weeks of mostly dry weather. Most of the rain (20 to 34mm) fell in a band stretching northeastward from the northcentral Ukraine, through the northern Black Soils and southern Central Region, into the Volga Vyatsk. Elsewhere, dry weather continued over the southern Ukraine and North Caucasus. Weekly temperatures were 3 to 5 degrees C above normal in the north and 2 to 4 degrees C above normal in the south. Winter grains remained dormant in the north and began breaking dormancy in the south at near normal dates.



EUROPE ... Widespread moderate rain (20 to 50mm) covered England, northern France, the Netherlands, Belgium, and West Germany benefiting early winter grain growth. Dry weather over Spain prompted concern as winter grains are entering the highly moisture sensitive heading stage. Light showers covered winter grains in East Germany, Poland, Czechoslovakia, and Hungary where winter grains are losing hardiness. In southeastern Europe, mostly dry weather covered winter grains which likely broke dormancy. Weekly temperatures were near normal in the west and 2 to 5 degrees C above normal over Eastern Europe.



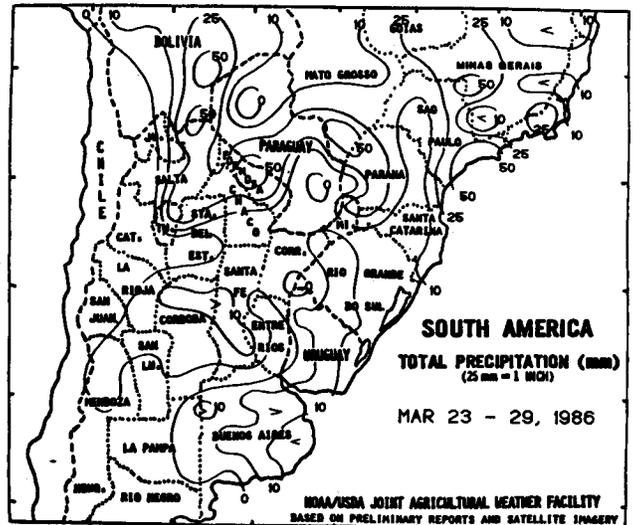
SOUTH ASIA ... Dry weather in central India benefited wheat harvesting. Mostly dry weather in the major wheat belt across Punjab, Haryana, and Uttar Pradesh favored maturing wheat. Light showers (3 to 10mm) following heavy rain the past 2 weeks may slow maturing wheat in northern Pakistan. The minor rainy season in the north normally ends during this time of year and temperatures begin to increase. May is normally the hottest month and planting of the main rice crops must wait for monsoon rains in June.



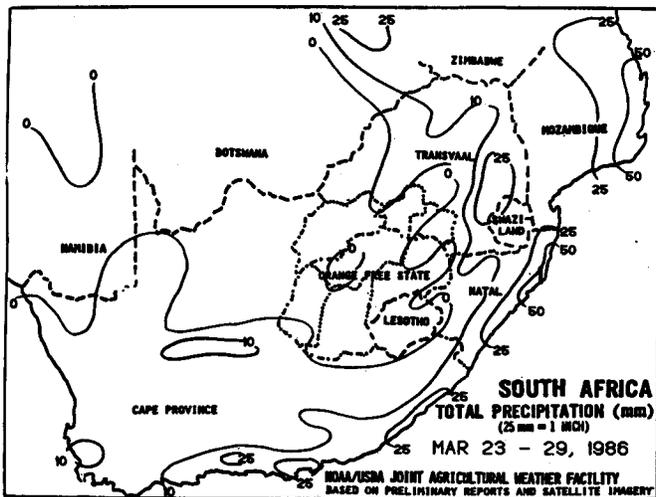
EASTERN ASIA ... Moderate to heavy rain (25 to 75mm) continued to benefit the southeastern rice area. Heavy rain covered Guangdong, easing persistent dryness that slowed early rice planting. Light showers (1 to 5mm) fell in the North China Plain with localized heaviest amounts in Hebei. Above-normal temperatures in the North China Plain and Manchurian Valley increased winter wheat growth and favored spring wheat planting, respectively. More rain is needed in the North China Plain for cotton, early corn, and early soybean planting which all normally begin in April. Intermediate rice planting also begins in April in the Yangtze Valley.



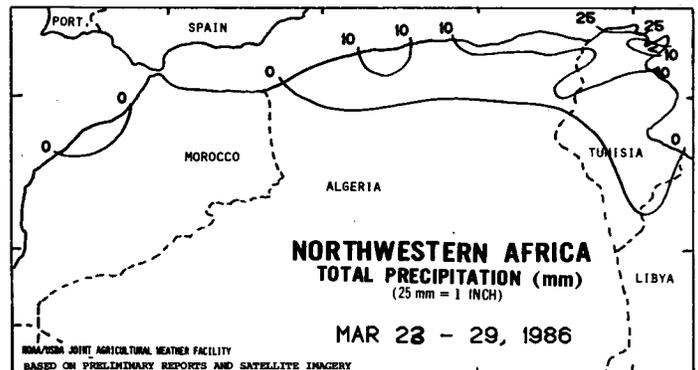
MEXICO ... Dry weather covered much of the nation. Some light showers fell again along the east-coast sugarcane areas extending southward to the Yucatan peninsula. Weekly rainfall amounts were less than 5mm, except in the vicinity of Veracruz where 10 to 20mm fell. The moisture benefited vegetable planting. Heavier tropical showers fell further south in Central America. Weekly temperatures were above average in Mexico's northwestern wheat areas, hastening grain maturity. Seasonal temperatures prevailed across the north-central and northeast, while relatively cool weather occurred over the Southern Plateau corn belt. Early corn planting has likely begun. Cotton planting is also normally underway across the north where moisture reserves are diminishing due to recent, unusually warm weather.



SOUTH AMERICA ... Scattered showers and thunderstorms, producing highly variable rainfall amounts, occurred over nearly all crop areas of Argentina and Brazil's center-south. The heaviest rain (25 to 70mm) fell over extreme northern Argentina, and in Brazil, over southern Mato Grosso do Sul, southwestern Parana, northeastern Sao Paulo, and southern portions of Minas Gerais and Goias. Some harvest delays were likely in these areas. Light rain (mostly less than 10mm) caused only minimal interference to Argentina's crop harvest. Corn, sunflower, and sorghum harvesting are reported to be at least 35, 50, and 15 percent complete, respectively. Early soybean harvesting is also underway. In Brazil, drier weather improved field conditions in Rio Grande do Sul, following earlier excessive rains. Light rain (5 to 12mm) slowed harvesting, however. Brazil's soybean harvest is substantially behind last year as well as the normal pace for this time.



SOUTH AFRICA ... Dry weather covered much of the Maize Triangle while light to moderate rain fell along eastern and southern coastal areas. The dry weather was beneficial for maturing late-planted corn following moderate to heavy rain during the past 3 weeks. Harvesting of early-planted corn progressed this week aided by the drier weather. Topsoils should be favorably moist for wheat planting which will begin in the next few weeks.

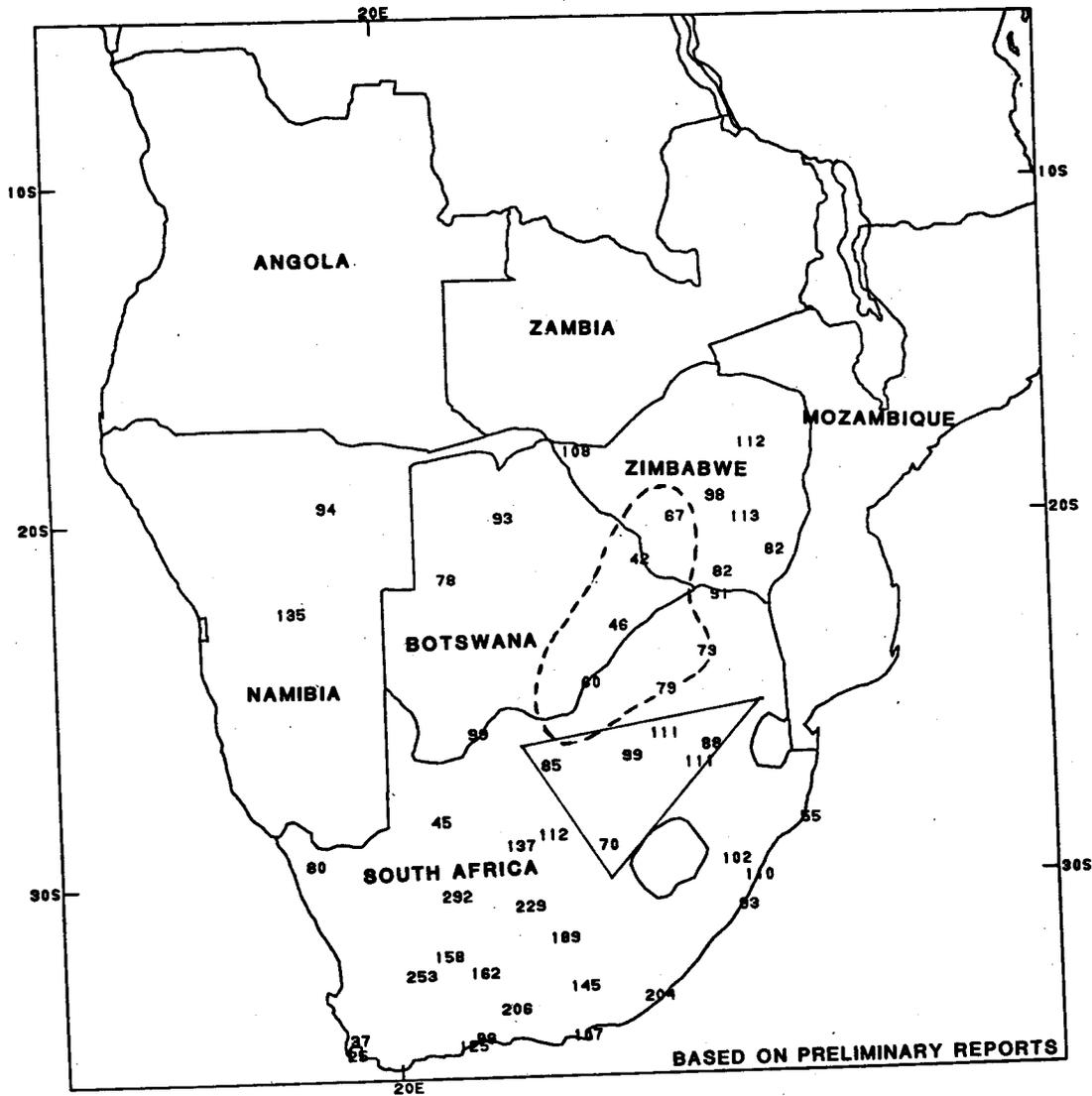


NORTHWESTERN AFRICA ... The second consecutive week of generally dry weather covered winter grains in Morocco and Algeria. Although winter grains in the highly moisture sensitive heading stage should not yet be stressed, rain is needed soon to maintain highly favorable yield prospects. In Tunisia, light rain (8 to 23mm) continued to improve moisture conditions for winter grains in the heading stage.

Dry Conditions In Southern Africa

Interior southern Africa receives most of its rainfall between November and April, the period which constitutes the "rainy season." This season, the rains have been markedly deficient over southeastern Botswana, southwestern Zimbabwe, and northernmost South Africa (enclosed by the dashed line on the map below).

Except in isolated areas, other parts have fared better this season, as shown by the map. Periods of hot, dry weather during critical growth stages, however, have lowered corn yields in South Africa's Maize Triangle (enclosed by the triangle drawn on the map).



SOUTHERN AFRICA PERCENT OF NORMAL PRECIP; 175 DAYS ENDING 3/22/86

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(Continued from p. 9)

the Salt River Valley. California vegetable harvest consisted mostly of artichokes, asparagus, broccoli, cauliflower, celery, and lettuce.

PASTURES AND LIVESTOCK: Livestock was mostly good. Weather was ideal for calving and lambing in most areas. Pastures greened in northern areas.

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