

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

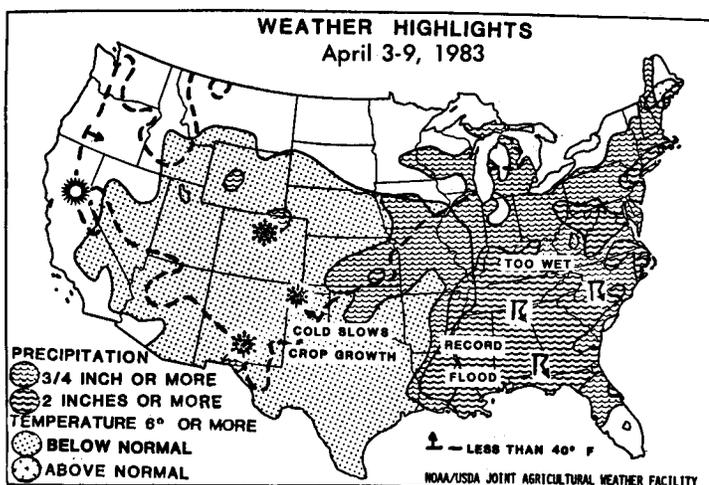
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April 12, 1983

National Weather Summary

April 3 to 9



thunderstorms reached from northeastern Arkansas through Tennessee. Light showers reached from eastern Texas and Louisiana northeastward through the lower Great Lakes States to northern New England.

TUESDAY...Moisture surging from the Gulf of Mexico into the lower Mississippi Valley and the Tennessee Valley ahead of cool air to the west triggered severe weather. Deluges of rain emanated from thunderstorms. Tornadoes hit from Arkansas to Alabama. Severe floods spread over the land from northern Louisiana to northwestern Alabama. Rains of 4 to 6 inches were common, and some points measured over 10 inches. Snow continued from El Paso, Texas, into the Panhandle, the central Rockies, and the High Plains. Most of Texas and Florida were clear as was much of the Northwest, but light rain fell from the central Plains to the mid-Atlantic States.

WEDNESDAY...The warm, moist air from the Gulf of Mexico continued to pour into the Nation over the Mississippi Delta and east of the Mississippi River. Severe weather hit the already flooded area from eastern Louisiana through southern Mississippi and Alabama. Catastrophic floods continued in southeastern Louisiana and southern Mississippi as rains accumulated 6 to 10 inches. Thunderstorms broke out from Arkansas and southern Illinois to northern Georgia, and showers covered the area east of the Mississippi to the mid-Atlantic States. Snow continued from El Paso, Texas, to the Panhandle but tapered off in the central Rockies and Plains.

THURSDAY...Snowshowers continued in western Texas and the southern Rockies, and light rainshowers fell from northern Texas and Oklahoma to the lower

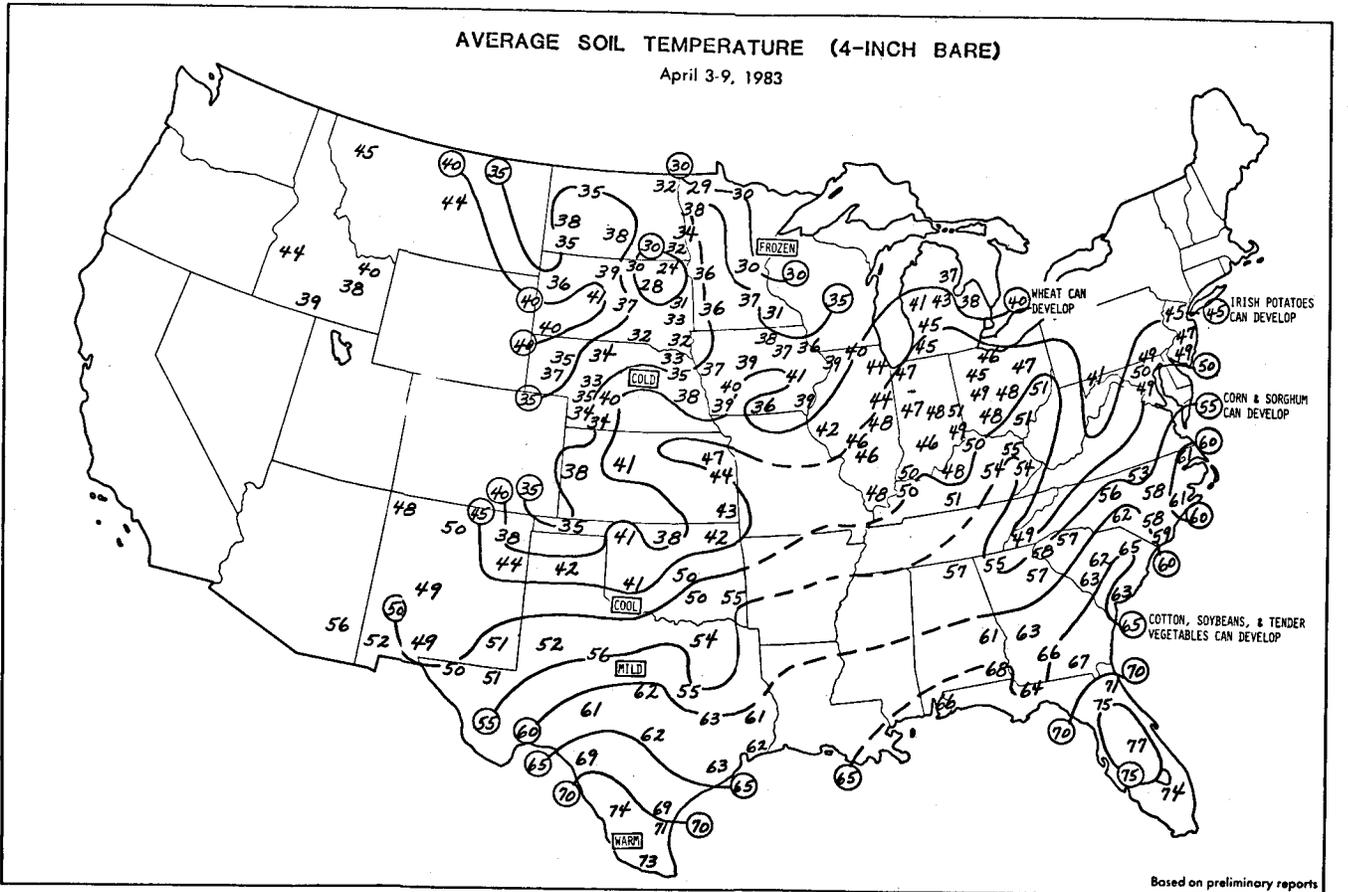
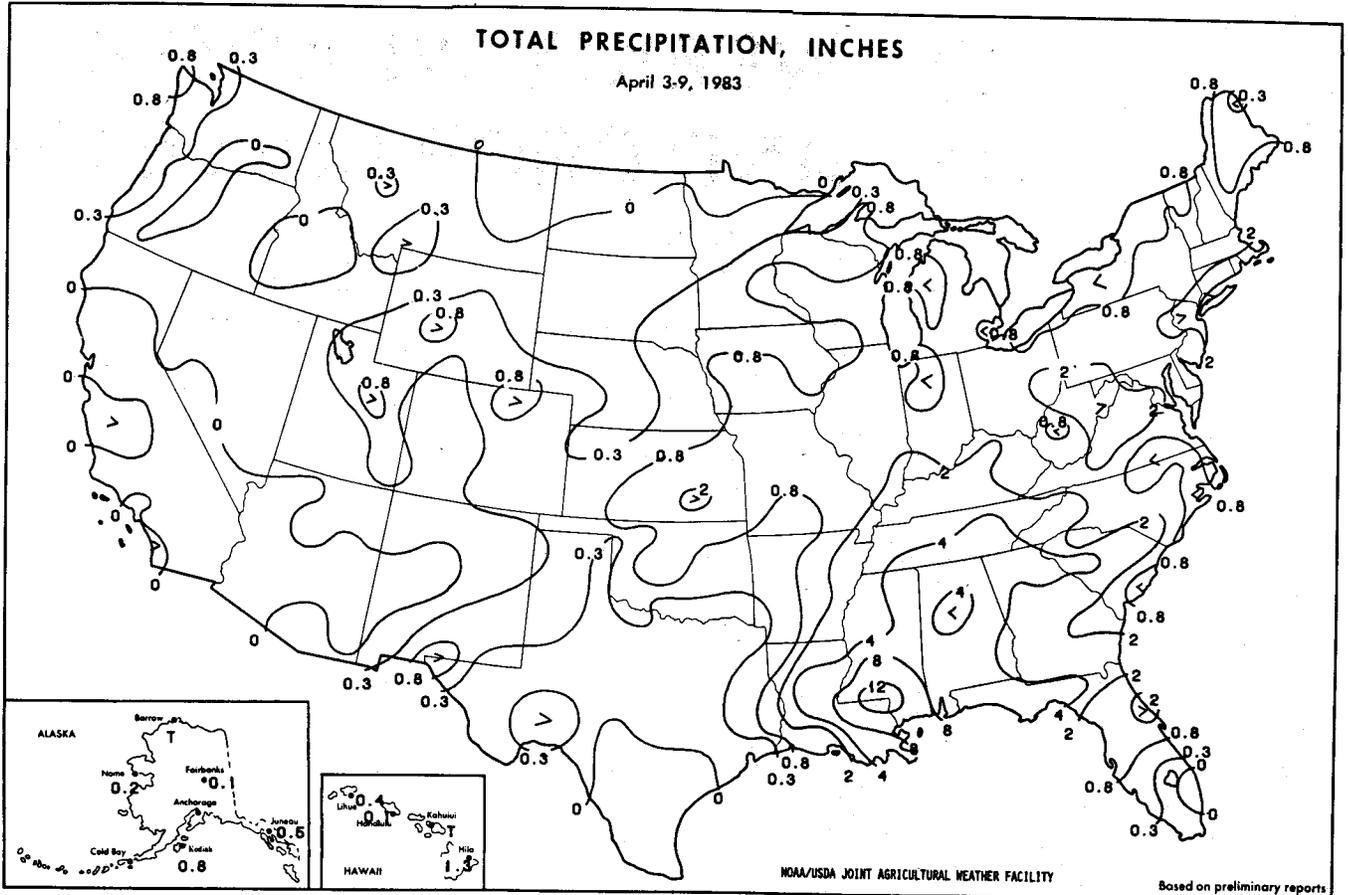
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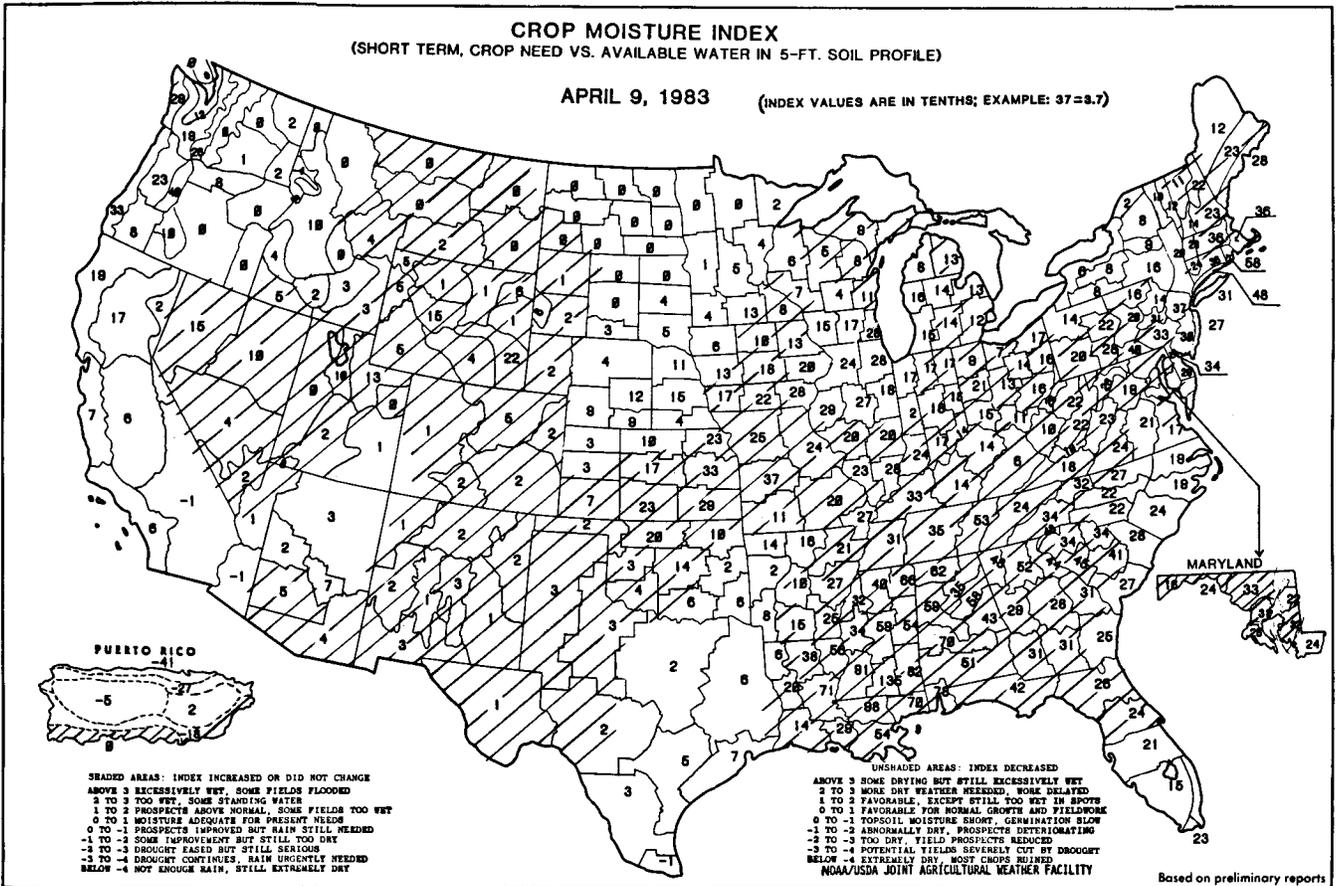
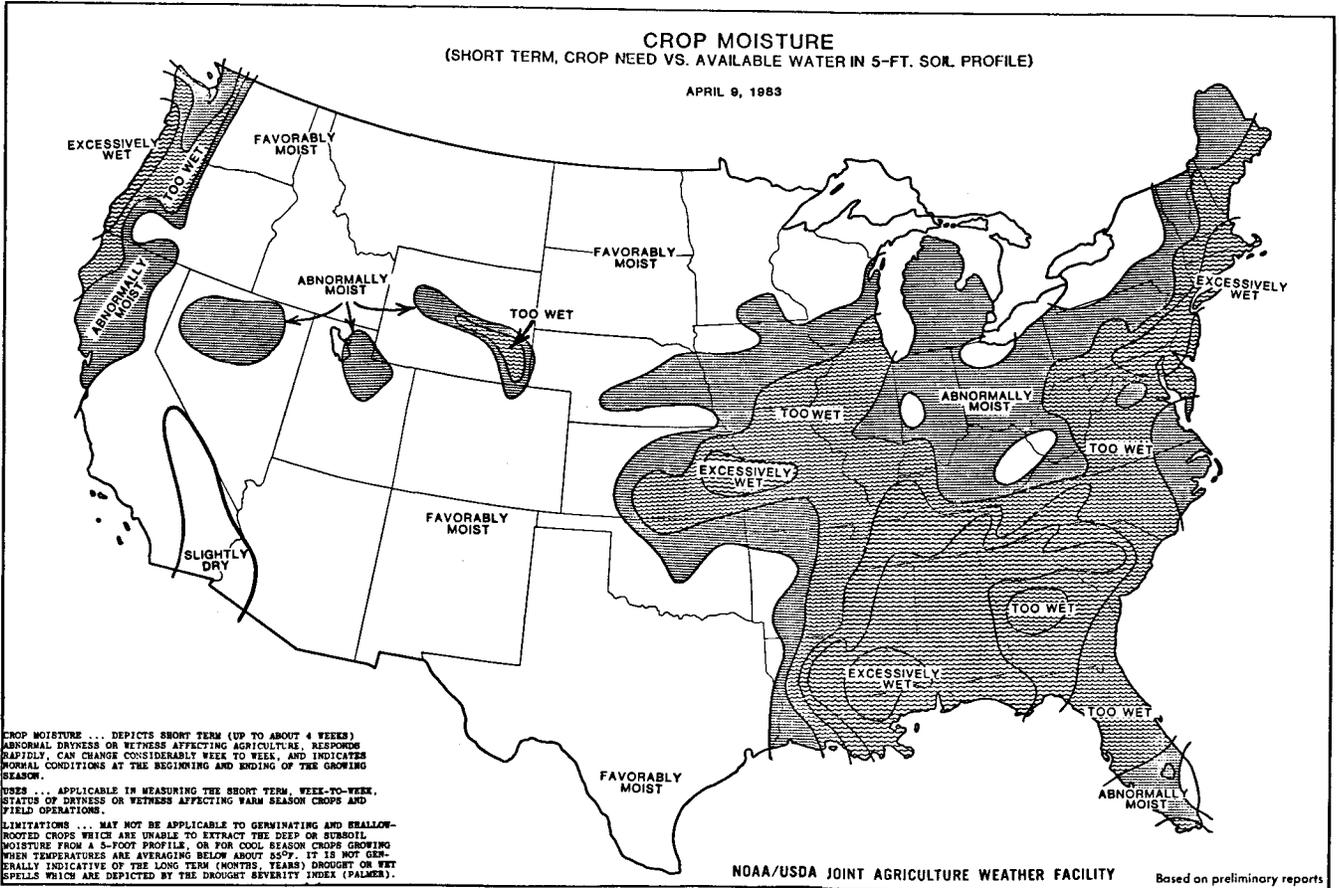
HIGHLIGHTS: Deluges of rain fell from eastern Louisiana to southern Tennessee and into the Florida Panhandle and northern Georgia. Record-breaking floods spread over croplands and into homes in southeastern Louisiana and southern Mississippi as rains accumulated 10 to 16 inches. Moderate to heavy rain spread over all of Eastern United States. Unseasonably cold weather covered the central and southern Plains, the Rockies, and the Plateau. Snow was heavy at times from El Paso, Texas, into the Panhandle and the central Rockies. It was warmer than normal over most of the east coast and over northern tier of States to the Great Lakes.

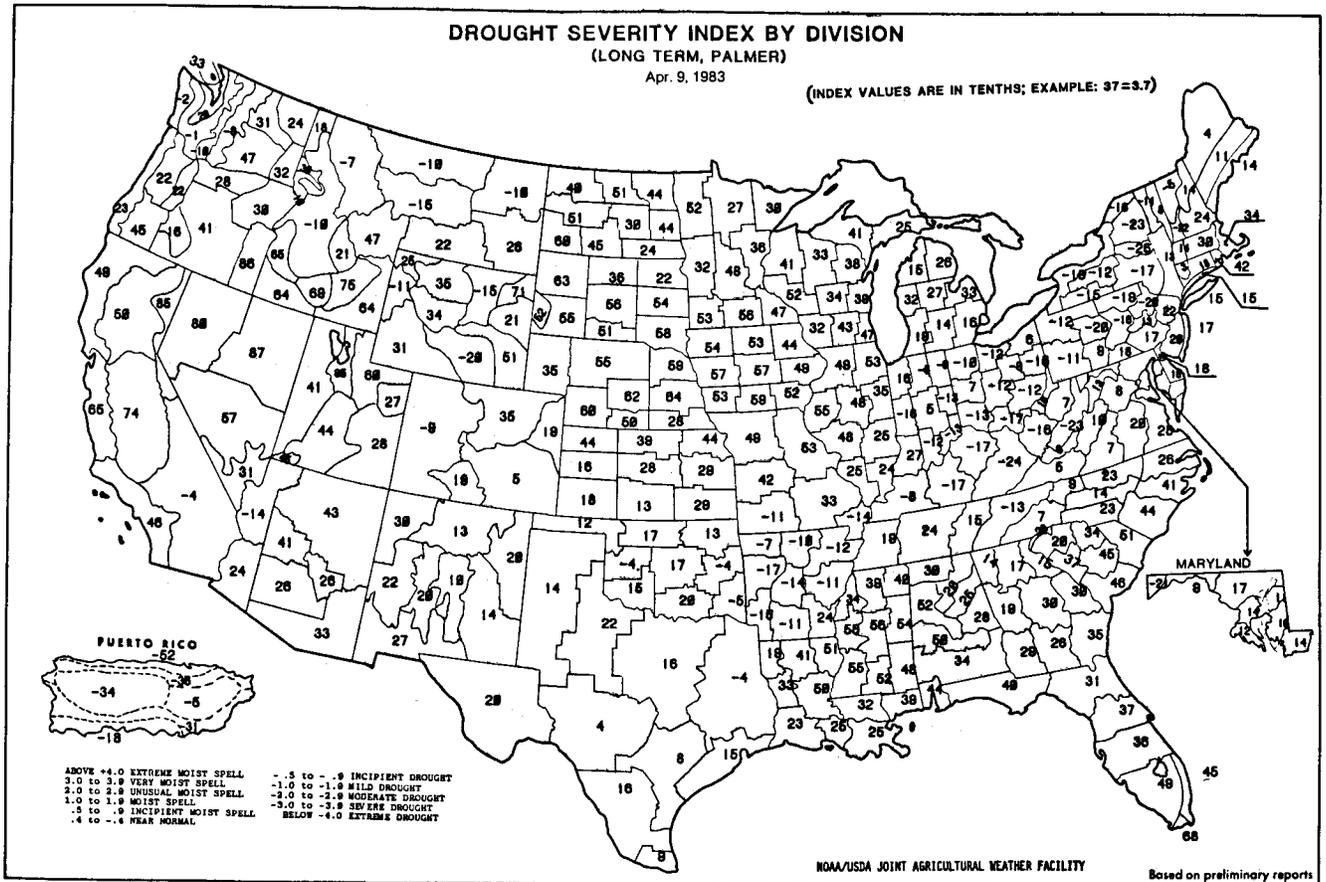
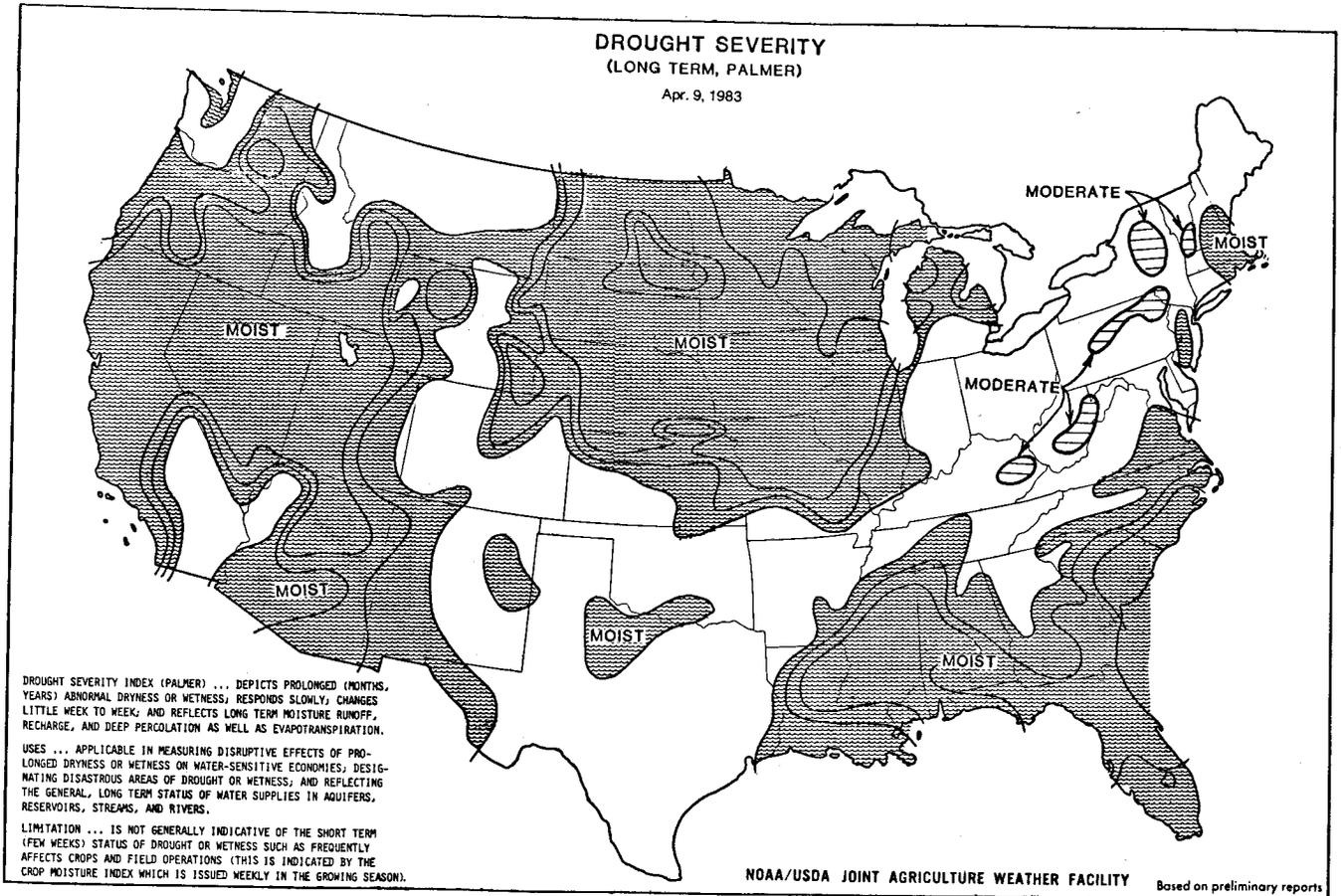
SUNDAY...Light showers fell over western Oregon and Washington, and snow fell from the central and northern Plateau the Rockies and onto the High Plains. Heavy amounts of snow accumulated in the central Rockies and in western Kansas and Nebraska. Light snow fell in the northern Plains. In warmer air, light rain fell from eastern Oklahoma and Kansas through the Ohio Valley and Great Lakes States to the Appalachians. Heavy rain fell from southeastern New York through New England.

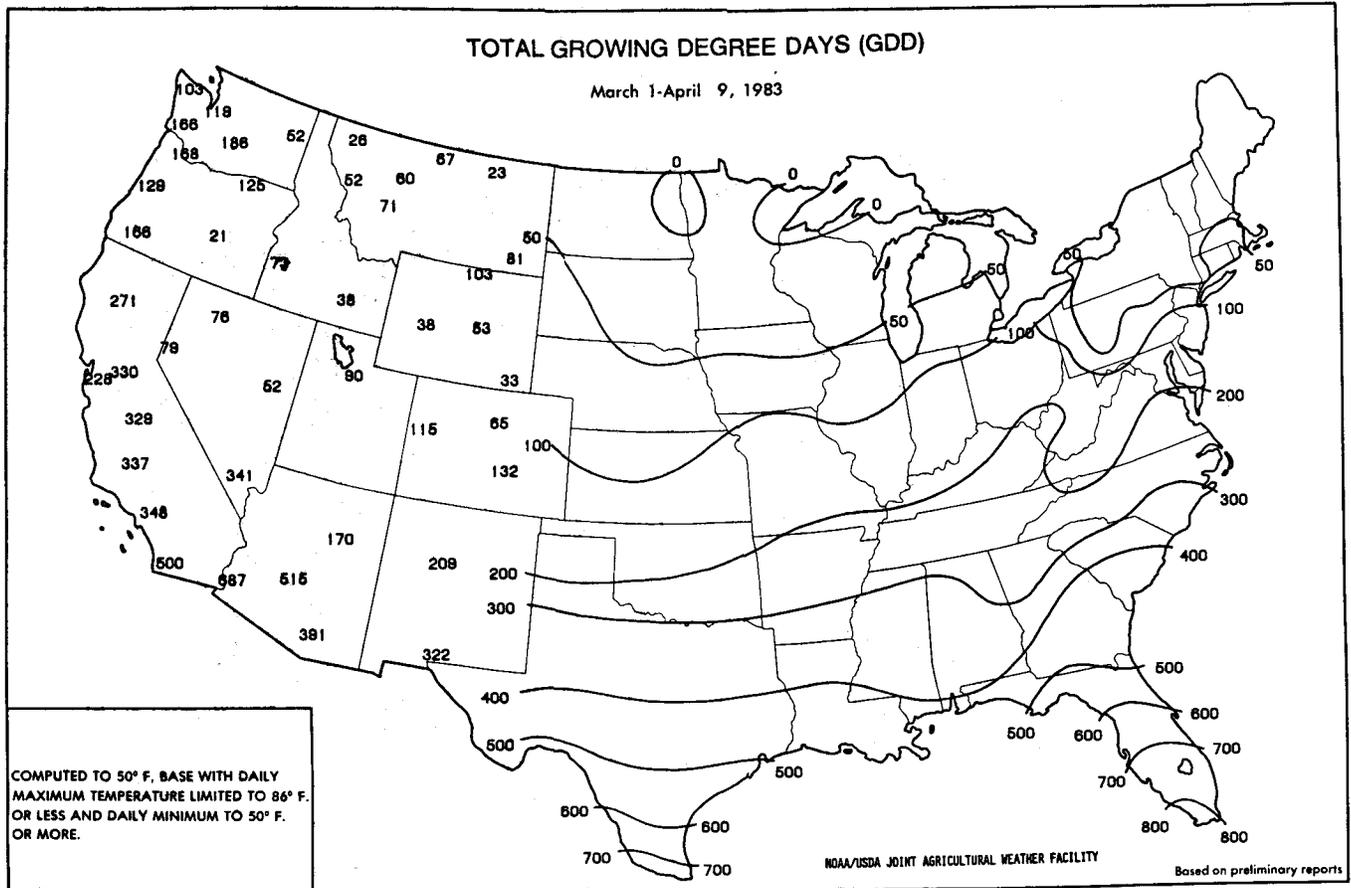
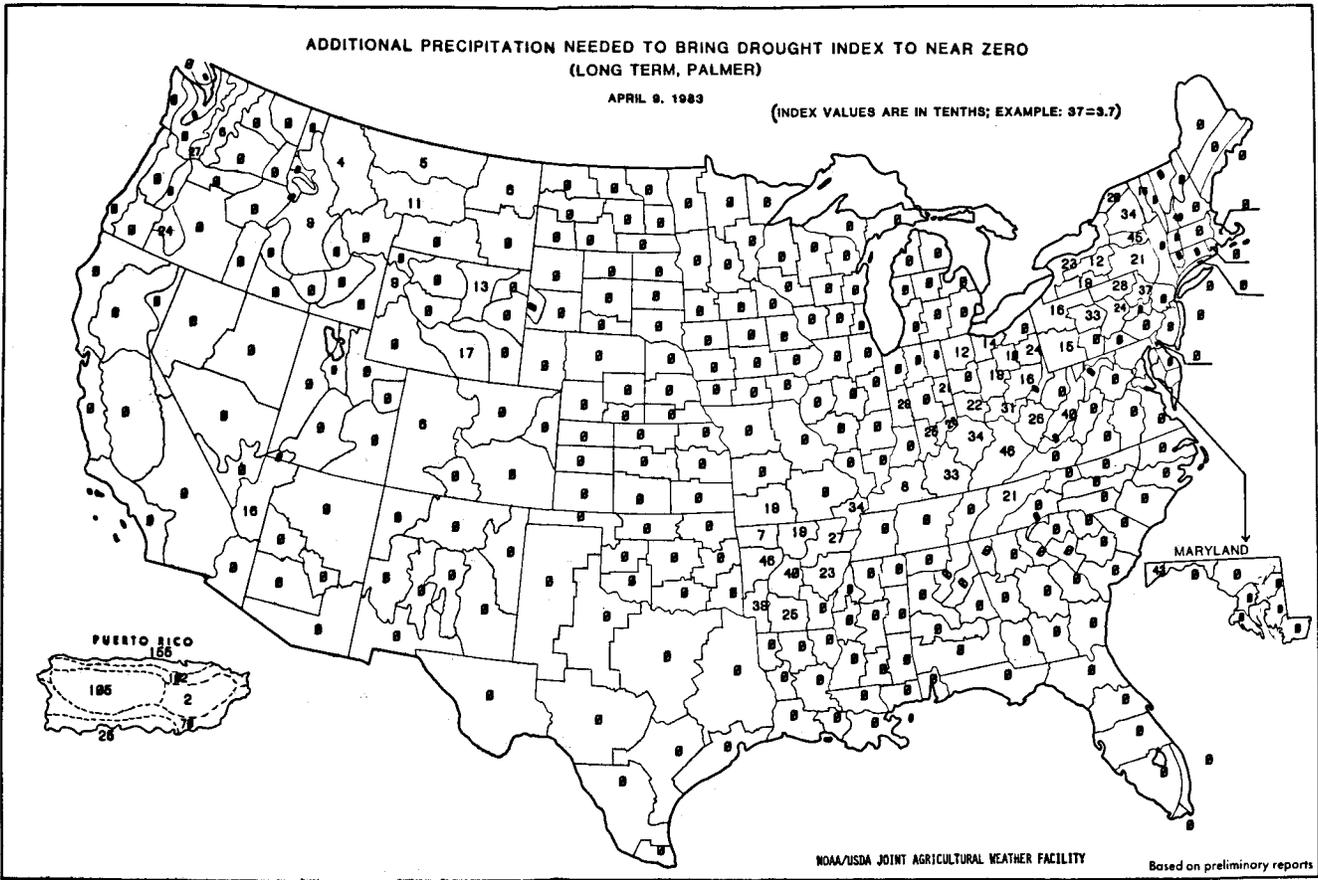
MONDAY...Little or no precipitation fell over the West Coast States, but light rain and snow fell over the central Plateau, and heavier snow covered all of the Rockies and High Plains. Snow fell as far south as El Paso, Texas, and the Texas Panhandle. Heavy snow accumulated from southwestern Kansas to central Kansas. Moderate rainshowers fell in Oklahoma, eastern Kansas, and into Missouri. Moderate to heavy showers and

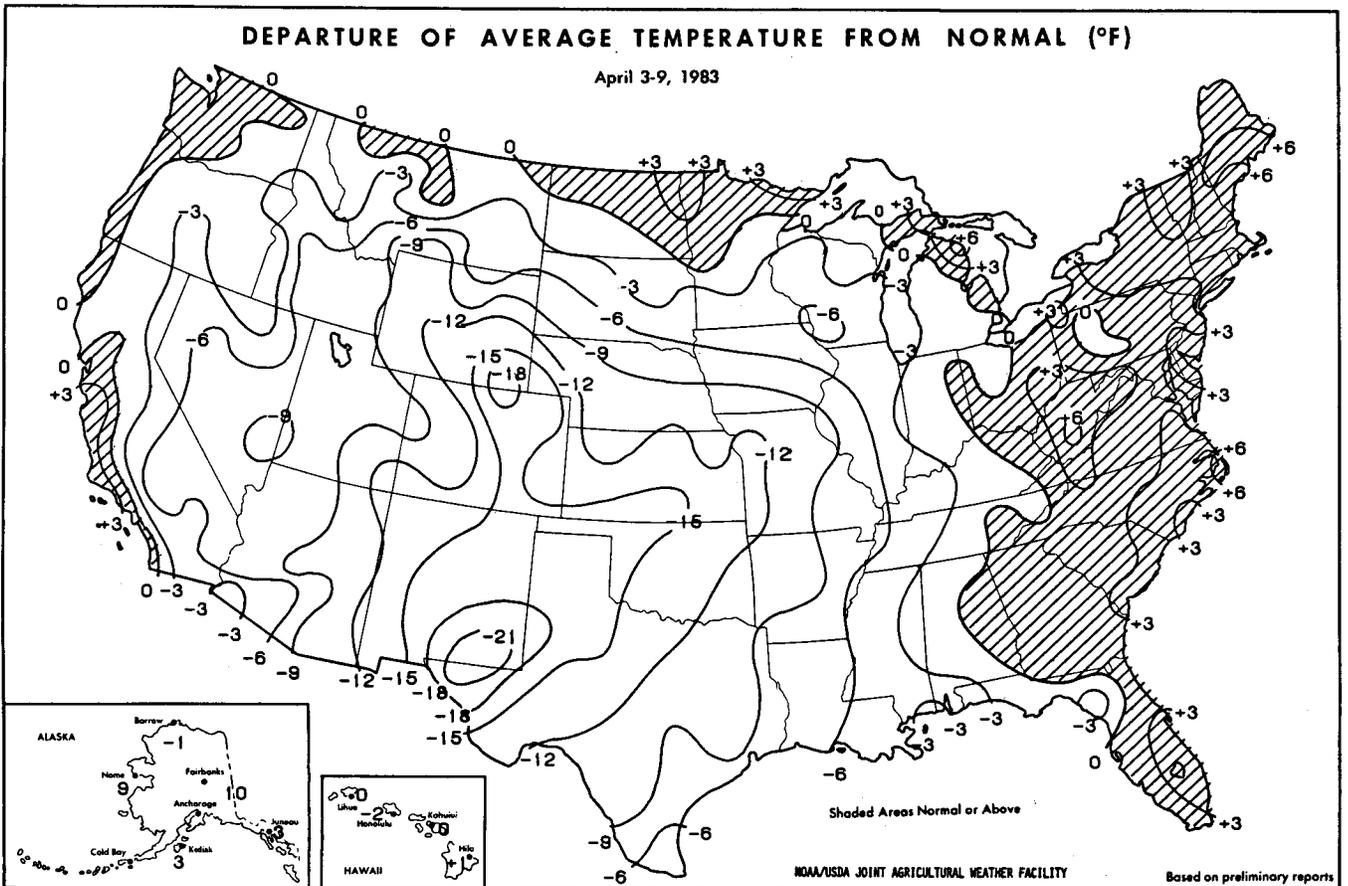
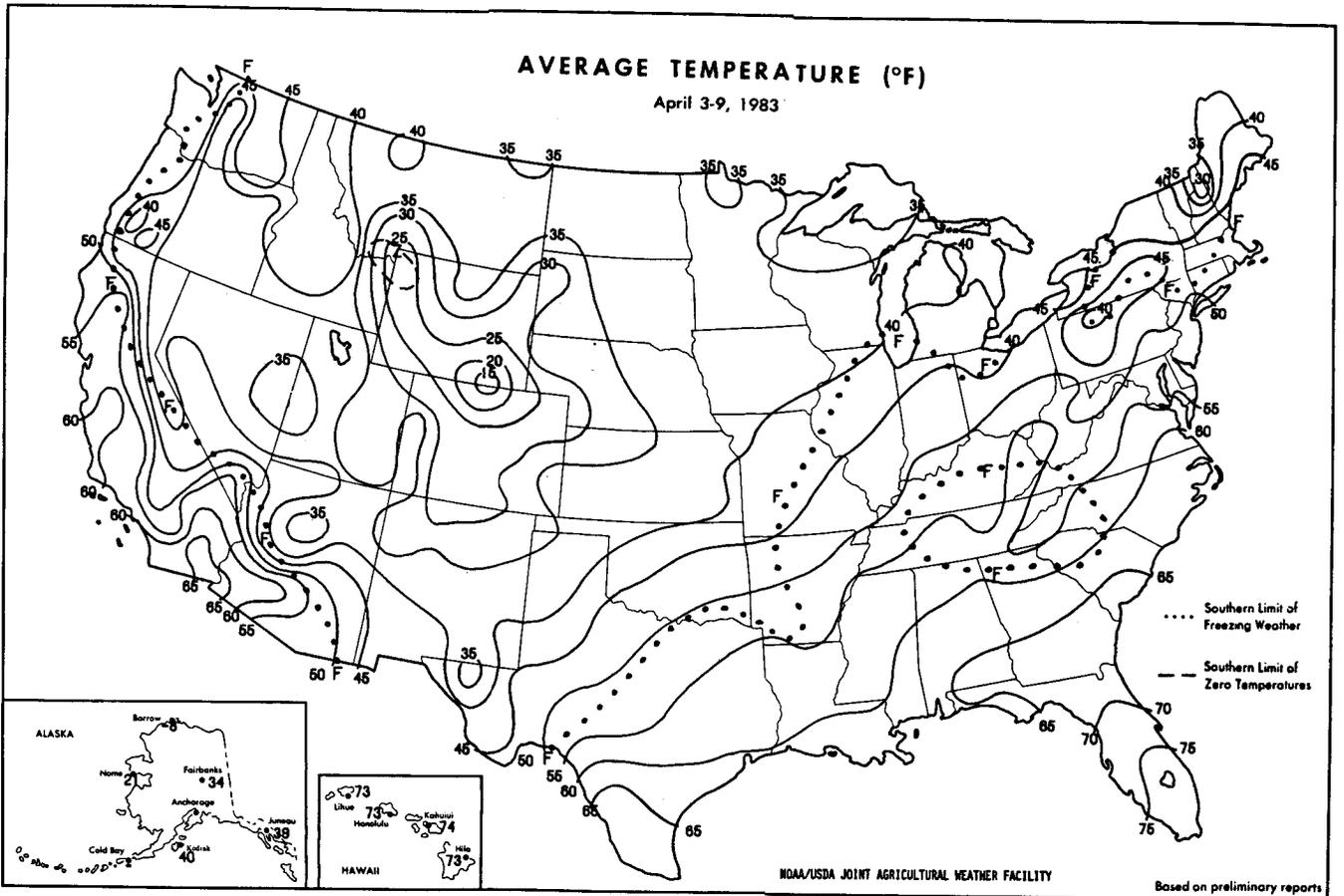
Contents	Page
National Weather Summary	1
Precipitation & Soil Temperature	2
Crop Moisture & Crop Moisture Index	3
Drought Severity & Drought Severity Index	4
Precipitation Needed to End Drought & Growing Degree Days	5
Average Temperature & Departure	6
Weather Data for Selected Cities	7
National Agricultural Summary	10
March Crop Production Highlights & Crop Progress	11
State Summaries of Weather & Agriculture	12
International Weather & Crop Summary	17
Subscription & Mailing Permit Information	20











Weather Data for the Week Ending April 9, 1983

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 May 30	PCT. NORMAL SINCE May 30	TOTAL, IN., SINCE Jan. 1	PCT. NORMAL SINCE Jan. 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE °F		PRECIPITATION		
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
AL BIRMINGHAM	69	51	76	37	60	0	2.7	1.4	1.7	10.3	104	21.5	117	91	45	0	0	5	2	
MOBILE	72	55	76	42	63	-2	7.0	5.7	4.2	16.8	165	31.7	174	93	62	0	0	4	3	
MONTGOMERY	72	54	79	41	63	0	7.3	6.2	3.5	18.1	203	30.9	191	90	54	0	0	5	4	
AK ANCHORAGE	41	30	46	26	36	4	.4	.3	.4	.4	50	.9	36	86	49	0	5	1	0	
BARROW	-4	-12	3	-14	-8	-1	T	T	T	0	0	.1	10	78	65	0	7	0	0	
FAIRBANKS	42	25	47	20	34	10	.1	.1	.1	.2	33	.6	38	71	40	0	6	3	0	
JUNEAU	48	30	52	26	39	3	.5	.1	.5	1.2	23	6.5	55	96	52	0	5	1	1	
KODIAK	45	34	48	26	40	3	.8	.1	.5	9.5	151	26.2	175	79	56	0	2	3	0	
NOHE	29	14	38	-3	21	9	.2	0	.1	.4	29	.6	21	75	59	0	7	2	0	
AZ PHOENIX	71	49	78	43	60	-5	T	T	T	3.1	282	5.0	208	56	16	0	0	0	0	
PRESCOTT	51	27	60	21	39	-8	T	T	T	3.0	167	4.5	102	75	29	0	6	0	0	
TUCSON	64	42	74	36	53	-10	.1	0	.1	1.4	156	4.1	178	61	20	0	0	1	0	
YUMA	77	54	83	48	66	-3	T	T	T	.2	50	1.0	111	42	13	0	0	1	0	
AR FORT SMITH	57	41	64	30	49	-9	.3	.6	.2	2.9	48	6.0	58	90	56	0	1	5	0	
LITTLE ROCK	58	43	65	38	50	-10	1.0	.2	.3	5.9	72	9.8	65	92	67	0	0	6	0	
CA BAKERSFIELD	68	42	75	37	55	-6	T	T	T	2.5	179	5.8	200	81	28	0	0	0	0	
EUREKA	60	43	69	37	51	2	.1	.7	.1	11.3	159	28.3	153	86	56	0	0	2	0	
FRESNO	68	43	75	37	55	-2	T	.3	T	5.4	216	13.5	241	79	30	0	0	1	0	
LOS ANGELES	66	51	68	48	58	0	.2	.1	.2	7.7	296	17.5	243	68	34	0	0	1	0	
RED BLUFF	68	43	74	39	56	-1	0	.4	0	11.6	331	24.8	238	67	29	0	0	0	0	
SACRAMENTO	66	45	72	41	55	-1	0	.4	0	7.9	239	17.2	191	73	35	0	0	0	0	
SAN DIEGO	69	53	72	49	61	1	T	.2	T	7.2	343	12.5	240	70	34	0	0	1	0	
SAN FRANCISCO	63	48	68	44	55	1	0	.5	0	9.7	243	22.5	212	72	41	0	0	0	0	
CO DENVER	35	18	51	7	27	-17	.6	.2	.3	5.2	226	5.4	186	89	51	0	7	3	0	
GRAND JUNCTION	50	29	60	25	40	-9	.2	0	.2	1.9	158	3.1	135	85	34	0	7	1	0	
PUEBLO	43	22	57	16	32	-15	.3	.1	.2	2.4	171	3.0	167	92	45	0	7	3	0	
CT BRIDGEPORT	53	43	57	38	48	2	2.1	1.2	1.1	7.5	127	13.6	131	89	65	0	0	3	2	
HARTFORD	58	39	66	30	49	3	1.6	.6	1.2	8.2	126	16.8	142	83	43	0	1	3	1	
DC WASHINGTON	59	48	64	44	53	0	1.7	1.0	1.0	7.2	138	12.2	127	91	70	0	0	5	1	
FL APALACHICOLA	71	56	74	43	64	-2	4.3	3.5	2.5	9.9	150	19.0	156	94	69	0	0	3	2	
DAYTONA BEACH	79	58	85	43	69	1	2.8	2.3	1.9	10.6	230	19.1	212	93	58	0	0	3	2	
JACKSONVILLE	78	56	86	43	67	2	3.3	2.6	1.6	11.8	215	23.2	215	96	55	0	0	3	3	
KEY WEST	80	72	83	68	76	0	.2	.1	.1	7.1	309	28.2	522	90	67	0	0	2	0	
MIAMI	83	71	84	63	77	3	T	.6	T	5.8	171	16.5	243	87	58	0	0	0	0	
ORLANDO	83	62	88	48	73	3	1.6	1.1	.6	7.6	162	17.5	188	94	49	0	0	3	2	
TALLAHASSEE	77	54	81	37	66	1	4.2	3.2	1.5	18.3	215	28.2	180	96	54	0	0	3	3	
TAMPA	81	63	85	49	72	2	1.6	1.1	1.6	10.4	204	18.5	195	94	59	0	0	1	1	
WEST PALM BEACH	83	73	86	65	78	5	0	.6	0	6.5	141	23.8	267	84	61	0	0	0	0	
GA ATLANTA	68	52	77	41	60	1	3.3	2.2	2.8	10.8	126	18.5	116	90	53	0	0	5	1	
AUGUSTA	74	51	85	34	63	2	3.0	2.2	1.5	10.9	158	20.6	160	90	53	0	0	4	2	
MACON	74	55	81	40	64	2	2.2	1.3	1.0	9.3	122	22.3	153	98	67	0	0	4	2	
SAVANNAH	76	58	83	43	67	4	.9	.1	.7	10.4	168	21.1	192	87	52	0	0	3	1	
HI HILO	80	67	83	65	73	1	1.3	-1.9	.6	4.6	21	6.2	16	92	60	0	0	6	1	
HONOLULU	83	64	85	60	73	-2	.1	-.3	-.1	.6	13	.9	9	93	51	0	0	3	0	
KAHULUI	84	63	89	59	74	0	T	-.3	T	1.0	26	1.6	17	87	51	0	0	1	0	
LIHUE	80	67	82	63	73	0	.4	-.4	-.4	1.0	15	1.8	11	85	55	0	0	3	0	
ID BOISE	54	32	64	29	43	-3	T	-.3	T	3.1	163	6.0	143	76	32	0	4	0	0	
LEWISTON	55	34	61	30	44	-3	T	-.2	T	1.5	107	3.7	116	78	35	0	2	0	0	
POCATELLO	46	26	56	20	36	-6	.2	-.1	.2	3.4	200	5.0	156	76	35	0	6	1	0	
IL CHICAGO	44	35	50	28	40	-5	1.6	-.7	1.3	8.1	172	10.9	158	92	62	0	1	4	1	
MOLINE	45	35	51	29	40	-6	.7	-.2	.3	6.8	139	8.8	129	86	60	0	2	6	0	
PEORIA	46	37	51	33	42	-6	1.6	-.7	.5	7.7	157	9.2	128	91	68	0	0	6	1	
QUINCY	44	37	50	33	40	-9	1.4	.5	.4	7.5	144	8.4	114	93	74	0	0	5	0	
ROCKFORD	45	34	51	28	39	-4	.8	-.2	.6	6.1	122	8.3	117	95	67	0	1	4	1	
SPRINGFIELD	48	38	52	34	43	-7	.9	0	.4	5.3	104	6.7	.88	96	65	0	0	6	0	
IN EVANSVILLE	55	46	62	38	50	-3	2.5	1.5	1.0	7.7	105	10.3	80	87	63	0	0	6	1	
FORT WAYNE	52	40	55	35	46	0	1.1	-.3	-.6	4.0	80	5.7	66	87	64	0	0	6	1	
INDIANAPOLIS	52	42	58	39	47	-2	1.0	-.1	-.4	4.8	80	6.8	67	95	71	0	0	6	0	
SOUTH BEND	49	39	56	34	44	-1	.7	-.3	-.4	4.6	85	6.3	72	93	64	0	0	5	0	
IA DES MOINES	43	34	48	32	38	-8	1.3	-.6	.8	5.8	141	9.1	163	89	65	0	3	4	1	
SIoux CITY	44	31	47	29	37	-8	.8	-.3	-.4	5.8	207	6.9	186	87	56	0	5	4	0	
WATERLOO	44	32	53	26	38	-5	.7	0	.5	5.2	133	7.4	148	97	64	0	2	3	0	
KS CONCORDIA	41	31	50	27	36	-13	.4	-.1	.2	4.4	157	7.2	200	90	62	0	7	4	0	
DODGE CITY	43	31	52	27	37	-14	.9	.6	.5	4.3	215	6.2	221	87	61	0	7	3	0	
GOODLAND	40	25	55	18	33	-12	.4	.2	.2	2.7	180	3.8	181	88	52	0	7	3	0	
TOPEKA	45	34	53	32	40	-11	1.8	1.1	.9	8.3	213	9.6	188	86	65	0	1	4	2	
WICHITA	44	31	50	28	38	-15	2.0	1.5	.9	7.1	237	10.2	243	93	65	0	3	4	2	
KY BOWLING GREEN	59	44	69	31	52	-3	2.3	1.2	.8	5.3	64	9.7	58	99	72	0	1	5	3	
LEXINGTON	58	46	72	35	52	0	2.0	1.0	.7	3.6	49	6.4	48	92	68	0	0	5	3	
LOUISVILLE	58	45	73	34	51	-2	1.5	-.5	.6	4.1	55	7.1	54	89	64	0	0	6	1	
LA ALEXANDRIA	66	52	74	40	59	-6	4.2	3.0	3.2	7.4	90	18.3	112	77	57	0	0	5	2	
BATON ROUGE	70	53	75	40	61	-5	10.5	9.3	4.9	16.5	206	26.7	171	93	63	0	0	4	3	
LAKE CHARLES	68	52	73	39	60	-7	1.6	.8	1.4	4.5	80	14.4	110	95	68	0	0	4	1	
NEW ORLEANS	72	56	81	44	64	-2	7.0	6.0	5.7	12.3	156	28.0	175	90	61	0	0	2	2	

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending April 9, 1983

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 Feb. 27	PCT. NORMAL SINCE Feb. 27	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
ME SHREVEPORT	63	47	76	35	55	-8	.4	.7	.2	4.1	61	15.1	117	96	59	0	0	4	0
ME CARIBOU	44	32	51	28	38	5	.3	.3	.3	3.9	103	8.5	115	86	61	0	4	1	0
ME PORTLAND	53	35	59	28	44	4	.7	.3	.5	10.3	166	18.8	161	87	49	0	2	4	0
MD BALTIMORE	58	47	65	43	52	2	1.2	.4	.7	8.7	155	15.8	152	90	66	0	0	4	1
MD SALISBURY	61	48	72	39	54	3	1.5	.7	1.1	9.1	147	14.2	118	98	73	0	0	5	1
MA BOSTON	56	43	66	38	49	4	1.4	.5	.9	11.1	173	21.1	169	81	51	0	0	2	2
MA CHATHAM	51	39	56	34	45	3	3.0	2.1	1.6	14.1	—	23.4	90	70	0	0	3	2	
MI ALPENA	51	34	97	32	42	6	1.2	.7	.6	4.4	138	7.7	133	98	71	1	1	4	1
MI DETROIT	49	37	59	33	43	-1	.8	.1	.3	3.3	75	4.9	68	90	60	0	0	5	0
MI FLINT	49	37	52	33	43	1	.9	.2	.5	3.7	97	5.7	86	91	65	0	0	5	1
MI GRAND RAPIDS	47	34	54	26	41	-2	.7	.2	.5	5.0	109	7.6	107	88	62	0	2	4	0
MI HOUGHTON LAKE	44	33	51	32	39	1	.7	.2	.8	4.9	123	5.9	111	96	67	0	2	3	0
MI LANSING	47	34	50	30	41	-2	1.1	.5	.5	3.8	127	5.9	111	96	67	0	2	3	0
MI MARQUETTE	36	25	43	19	31	-2	1.2	.4	.8	4.9	123	6.7	96	97	67	0	1	5	1
MI MUSKEGON	46	35	54	28	40	-1	.9	.1	.4	6.2	138	12.1	168	99	63	0	7	5	0
MI SAULT STE. MARIE	44	31	51	28	37	3	.9	.4	.8	4.6	102	6.9	91	92	65	0	1	4	1
MN ALEXANDRIA	45	30	51	26	37	1	.1	.3	.4	3.7	119	7.0	115	95	57	0	5	5	0
MN DULUTH	38	26	44	17	32	-2	.3	.2	.2	2.7	96	4.5	105	87	47	0	7	3	0
MN INT'L FALLS	46	26	51	22	36	3	0	.4	0	1.5	71	2.6	84	81	35	0	7	0	0
MN MINNEAPOLIS	45	31	53	25	38	-3	.9	.5	.4	4.2	156	6.0	167	98	54	0	4	6	0
MN ROCHESTER	39	30	50	24	35	-5	.8	.2	.4	2.8	90	4.8	130	91	66	0	7	4	0
MS GREENWOOD	64	51	72	43	58	-4	3.0	1.6	1.6	8.4	88	19.7	112	90	62	0	0	4	3
MS JACKSON	68	51	74	38	59	-3	8.1	6.7	4.5	15.8	166	29.9	177	97	65	0	0	4	3
MS MERIDIAN	71	51	76	40	61	-1	4.7	3.4	2.9	14.6	146	26.9	153	96	54	0	0	4	3
MO CAPE GIRARDEAU	54	44	62	40	49	--	2.9	1.8	1.3	6.4	93	7.8	64	98	68	0	0	6	2
MO COLUMBIA	45	38	49	33	42	-10	1.4	.6	.5	7.0	143	7.8	108	96	79	0	0	4	2
MO KANSAS CITY	42	33	50	30	38	-13	1.8	.1	.8	6.8	162	8.0	136	97	74	0	4	5	2
MO SAINT LOUIS	51	41	57	37	46	-6	1.5	.6	.6	6.3	121	8.0	100	99	67	0	0	6	2
MO SPRINGFIELD	50	38	58	31	44	-9	.7	.2	.3	6.1	113	7.4	89	87	60	0	1	4	0
MT BILLINGS	47	23	59	17	35	-6	.1	.3	.1	.8	40	1.2	41	83	32	0	7	2	0
MT GLASGOW	50	24	57	18	37	-1	0	.1	0	.6	100	.8	57	80	27	0	7	0	0
MT GREAT FALLS	49	24	61	16	36	-2	.1	.1	.1	1.8	113	2.2	76	83	31	0	7	3	0
MT HAVRE	50	23	61	15	37	-2	.1	.2	.1	.7	54	1.1	55	82	34	0	6	1	0
MT HELENA	50	25	60	17	37	-2	.1	.1	.1	.7	64	1.1	65	80	27	0	7	2	0
MT KALISPELL	51	27	56	20	39	0	.1	.1	.1	1.9	146	3.8	109	87	37	0	6	2	0
MT MILES CITY	49	24	59	15	36	-4	T	.3	T	.9	64	1.2	63	77	22	0	6	2	0
MT MISSOULA	52	27	59	22	40	-1	.1	.1	.1	1.5	115	3.0	103	93	38	0	6	0	0
NE GRAND ISLAND	43	30	51	26	37	-9	.3	.3	.1	3.7	142	4.7	152	86	55	0	6	2	0
NE LINCOLN	43	31	52	26	37	-9	.5	.1	.3	4.3	143	5.8	157	94	65	0	3	3	0
NE NORFOLK	44	32	50	28	38	-6	.4	0	.2	4.1	171	5.5	162	88	54	0	5	2	0
NE NORTH PLATTE	42	25	51	19	33	-10	.3	0	.1	1.9	106	2.5	104	90	51	0	7	4	0
NE OMAHA	40	31	46	29	35	-11	.7	.2	.4	6.5	210	8.7	207	96	70	0	7	3	0
NE SCOTTSBLUFF	40	19	55	13	30	-13	.3	0	.2	2.3	135	2.5	132	88	43	0	7	3	0
NE VALENTINE	42	25	53	17	34	-8	.2	.2	.1	1.6	94	1.7	77	80	48	0	7	2	0
NV ELY	65	44	79	31	51	-7	.1	.2	.1	1.8	113	4.2	168	84	39	0	7	1	0
NV LAS VEGAS	44	19	60	13	31	-7	.2	.2	.1	1.6	94	1.7	77	80	48	0	7	2	0
NV RENO	65	44	77	39	55	-6	T	.1	T	1.0	143	1.8	129	37	13	0	0	0	0
NV WINNEMUCA	53	24	63	18	39	-4	.1	.1	T	1.7	189	4.4	163	75	26	0	6	2	0
NH CONCORD	55	34	64	27	45	4	1.2	.5	1.0	8.3	177	14.4	160	83	44	0	4	3	1
NJ ATLANTIC CITY	61	46	65	43	54	5	2.0	1.2	1.3	8.0	125	13.8	111	92	58	0	0	4	1
NM ALBUQUERQUE	50	24	65	20	37	-15	T	.1	T	.6	75	2.4	171	75	28	0	6	0	0
NM CLOVIS	47	28	72	21	37	-16	.4	.2	.1	1.1	110	2.5	156	80	42	0	6	5	0
NM ROSWELL	51	29	78	22	40	-19	.6	.5	.3	.7	117	1.3	118	74	38	0	6	4	0
NY ALBANY	54	37	60	30	46	3	1.0	.3	.5	6.4	139	12.1	151	90	50	0	1	4	0
NY BINGHAMTON	52	37	62	33	44	4	.9	.2	.6	3.4	74	7.4	88	92	56	0	0	3	1
NY BUFFALO	51	36	60	31	43	1	.5	.2	.3	4.0	83	6.7	71	95	61	0	2	3	0
NY NEW YORK	57	46	60	43	51	3	2.9	2.0	1.6	11.0	175	18.1	163	82	50	0	0	3	2
NY ROCHESTER	53	39	64	35	46	3	.4	.3	.2	3.1	70	5.7	70	90	61	0	0	4	0
NY SYRACUSE	54	36	61	27	45	3	.4	.4	.2	2.8	55	5.8	61	96	54	0	2	3	0
NC ASHEVILLE	63	46	71	32	54	1	2.3	1.3	1.4	9.9	134	18.8	145	97	70	0	1	5	2
NC CHARLOTTE	67	49	76	32	58	1	.9	.1	.4	7.8	118	15.5	119	90	57	0	1	4	0
NC GREENSBORO	62	48	68	37	55	0	1.0	.2	.6	8.9	153	14.1	123	95	70	0	0	6	1
NC HATTERAS	69	56	75	46	63	6	1.1	.4	.8	12.0	207	28.6	217	95	60	0	0	2	1
NC NEW BERN	73	53	78	43	63	4	.5	.1	.4	10.7	195	22.7	185	94	55	0	0	2	0
NC RALEIGH	68	50	70	37	59	2	.4	.3	.2	8.8	160	16.6	147	92	62	0	0	5	0
NC WILMINGTON	72	51	78	37	61	1	.8	.1	.6	10.4	173	22.6	193	96	56	0	0	2	1
ND BISMARCK	48	26	54	20	37	-1	T	.3	T	1.8	129	2.3	105	92	39	0	7	1	0
ND FARGO	46	29	50	25	38	1	T	.4	T	.4	140	2.7	117	83	48	0	6	1	0
ND GRAND FORKS	47	31	53	29	39	4	T	.3	T	2.3	135	3.0	136	88	45	0	7	1	0
ND WILLISTON	52	23	61	16	37	0	0	.3	0	1.1	92	1.5	83	86	29	0	0	0	0
OH AKRON-CANTON	53	42	63	40	48	2	1.0	.2	.4	5.1	98	8.0	87	90	67	0	0	4	0
OH CINCINNATI	56	44	70	39	50	0	1.4	.6	.6	3.9	63	6.6	57	91	69	0	0	5	1
OH CLEVELAND	52	40	62	37	46	1	.8	0	.4	4.3	84	6.2	70	80	60	0	0	5	0
OH COLUMBUS	56	42	66	39	49	1	1.6	.8	.7	4.1	76	6.0	63	89	65	0	0	6	2

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

+100 = NORMAL & ACTUAL NEAR THE SAME

Weather Data for the Week Ending April 9, 1983

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 Feb. 27	PCT. NORMAL SINCE Feb. 27	TOTAL, IN., SINCE Jan. 1	PCT. NORMAL SINCE Jan. 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	53	41	64	38	47	-1	1.4	.6	.6	4.6	90	6.7	73	87	66	0	0	6	1
TOLEDO	47	37	52	31	42	-2	1.0	.3	.4	3.4	81	4.8	67	96	71	0	1	5	0
YOUNGSTOWN	52	41	64	37	46	2	1.4	.6	.7	5.3	100	7.6	79	87	68	0	0	4	1
OK OKLAHOMA CITY	53	34	68	32	44	-13	1.1	.5	.7	3.7	109	8.2	158	92	53	0	2	4	1
TULSA	52	38	62	33	45	-13	.6	.3	.4	2.9	59	7.8	110	92	56	0	0	3	0
OR ASTORIA	58	38	66	34	48	2	.6	.7	.5	10.3	99	32.5	125	96	54	0	0	3	0
BURNS	49	28	58	23	38	-2	.2	.1	.2	3.3	254	6.1	156	79	34	0	6	1	0
MEDFORD	60	35	65	30	47	-1	.2	.3	.3	3.3	138	9.9	129	91	40	0	3	0	0
PENDLETON	55	37	61	31	46	-2	.1	.1	.1	3.4	213	5.6	144	73	37	0	1	1	0
PORTLAND	59	39	69	35	49	1	.4	.2	.4	7.6	143	21.6	150	88	45	0	0	1	0
SALEM	59	34	66	29	46	-1	.3	.4	.2	9.7	154	26.1	154	95	48	0	3	2	0
PA ALLENTOWN	55	43	61	37	49	3	2.2	1.3	1.2	8.0	133	14.1	132	89	59	0	0	4	2
ERIE	52	39	66	37	46	4	.5	.3	.3	3.7	79	6.3	74	82	62	0	0	5	0
HARRISBURG	55	44	60	40	49	0	1.9	1.2	.8	7.3	140	12.9	137	91	64	0	0	4	0
PHILADELPHIA	60	43	66	34	52	2	1.7	.9	.9	8.7	150	15.0	146	93	55	0	0	5	1
PITTSBURGH	53	43	65	38	48	1	1.7	.9	.7	5.5	98	8.4	85	90	66	0	0	4	1
SCRANTON	54	40	61	34	47	2	1.2	.5	.6	4.5	105	7.2	95	87	59	0	0	5	1
RI PROVIDENCE	58	42	62	38	50	5	2.2	1.2	1.2	10.5	154	19.5	156	80	45	0	0	4	2
SC CHARLESTON	74	57	80	43	65	4	.6	.1	.4	13.0	203	23.6	202	93	59	0	0	2	0
COLUMBIA	72	51	81	32	61	0	4.0	3.1	2.4	12.6	175	20.6	160	95	56	0	1	4	2
FLORENCE	73	54	81	37	64	3	2.3	1.5	1.7	12.2	197	20.9	188	93	58	0	0	4	1
SD GREENVILLE	67	49	74	32	58	0	1.8	.7	.9	8.4	101	16.2	105	94	64	0	1	5	2
ABERDEEN	48	31	52	28	39	0	.1	.4	.4	2.6	144	3.0	120	89	46	0	5	1	0
HURON	47	30	52	25	39	-2	.1	.3	.3	2.6	130	2.7	108	95	43	0	5	3	0
RAPID CITY	44	23	55	20	33	-7	.2	.2	.1	1.2	60	1.5	63	81	43	0	7	3	0
SIoux FALLS	45	28	50	24	37	-5	.3	.2	.2	3.6	133	4.4	116	99	54	0	6	4	0
TN CHATTANOOGA	66	48	72	31	57	0	4.6	3.4	3.4	8.7	97	15.8	88	94	53	0	1	3	3
KNOXVILLE	65	46	71	30	56	-1	3.6	2.6	3.2	5.9	74	10.4	65	98	64	0	1	4	1
MEMPHIS	61	48	73	42	54	-5	3.5	2.2	1.4	8.4	99	13.2	80	96	66	0	0	6	2
NASHVILLE	65	46	71	31	56	-1	3.1	2.0	2.1	8.0	99	13.5	85	93	64	0	1	5	2
TX ABILENE	60	36	83	30	48	-14	.2	.3	.1	2.1	100	4.4	126	84	40	0	1	4	0
AMARILLO	47	28	74	26	38	-16	.6	.4	.2	1.8	150	4.8	253	95	50	0	6	4	0
AUSTIN	69	46	80	40	58	-9	.2	.6	.6	4.6	188	10.9	145	78	37	0	0	4	0
BEAUMONT	66	53	74	41	59	-7	.3	.6	.2	5.1	98	14.6	120	95	68	0	0	4	0
BROWNSVILLE	78	58	88	51	68	-5	0	.3	0	.6	46	4.3	113	84	45	0	0	0	0
CORPUS CHRISTI	75	53	85	43	64	-7	0	.4	0	3.0	143	7.1	137	85	43	0	0	0	0
DEL RIO	74	47	92	37	61	-9	.1	.2	.1	1.1	69	2.8	100	73	24	1	0	1	0
EL PASO	53	32	78	23	43	-18	1.4	1.4	.6	1.8	450	2.7	245	89	49	0	5	4	1
FORT WORTH	62	42	75	38	52	-11	.1	.7	.7	4.4	102	8.2	108	80	42	0	0	1	0
GALVESTON	66	54	72	48	60	-7	.1	.5	.1	3.0	77	10.5	121	94	72	0	0	1	0
HOUSTON	67	48	76	39	58	-9	.1	.8	.1	4.1	80	10.1	90	91	54	0	0	1	0
LUBBOCK	50	30	81	28	40	-17	.5	.3	.4	1.2	80	4.2	191	88	44	0	6	4	0
MIDLAND	58	36	85	28	47	-15	.1	.1	.1	.3	33	1.8	100	73	33	0	2	1	0
SAN ANGELO	65	38	83	28	51	-13	.1	.2	.1	1.3	76	3.8	127	80	34	0	1	2	0
SAN ANTONIO	71	46	83	33	59	-9	.1	.5	.5	3.8	146	6.8	124	75	35	0	0	0	0
VICTORIA	72	51	80	42	62	-7	.1	.7	.1	3.6	86	7.8	101	87	47	0	0	2	0
WACO	66	43	75	34	55	-10	.1	.7	.1	4.3	143	9.8	156	87	45	0	0	0	0
WICHITA FALLS	59	36	78	32	47	-14	.4	.2	.3	2.5	78	5.3	110	91	49	0	1	3	0
UT BLANDING	45	23	62	20	34	-10	.5	.3	.3	2.4	185	5.5	183	87	40	0	6	3	0
CEDAR CITY	49	24	63	13	37	-8	.3	0	.2	2.1	117	4.0	143	70	31	0	6	2	0
SALT LAKE CITY	48	28	64	24	38	-8	.5	0	.5	4.8	155	7.3	152	72	35	0	6	1	0
VT BURLINGTON	49	34	57	29	41	3	.4	.2	.3	3.0	86	7.8	124	88	54	0	3	3	0
VA NORFOLK	65	50	74	45	57	2	1.9	1.2	.9	7.0	127	15.3	135	91	64	0	0	4	1
RICHMOND	65	51	71	45	58	3	.8	.1	.3	7.3	135	12.8	124	96	71	0	0	4	0
ROANOKE	62	47	69	37	54	1	2.5	1.7	1.8	11.0	196	16.4	158	93	65	0	0	4	2
WA COLVILLE	54	34	64	30	44	1	.2	0	.1	4.2	200	9.2	170	88	61	0	4	2	0
QUILLAYUTE	56	35	63	30	46	1	1.1	.8	.8	15.6	97	49.6	124	98	54	0	1	5	1
SEATTLE-TACOMA	55	40	63	38	48	1	.4	.2	.3	4.9	92	16.4	115	93	51	0	0	2	0
SPOKANE	53	32	59	25	42	-1	.1	.2	.1	2.5	114	6.6	110	94	47	0	4	2	0
WYAKIMA	61	35	67	29	48	1	.1	.1	.1	2.1	300	5.7	204	75	30	0	3	0	0
WV BECKLEY	61	46	68	35	54	5	1.4	.5	1.0	3.3	51	5.3	43	99	65	0	0	4	1
CHARLESTON	63	49	75	41	56	4	.6	.2	.3	3.8	62	7.7	66	82	57	0	0	4	1
HUNTINGTON	62	49	74	42	55	3	.9	.1	.5	3.0	48	6.3	56	91	66	0	0	6	3
PARKERSBURG	59	47	70	40	53	3	3.5	2.7	1.4	5.9	97	9.7	83	88	63	0	5	4	1
WI GREEN BAY	40	31	47	24	36	-4	.9	.3	.7	2.5	78	4.7	100	92	65	0	7	3	1
LA CROSSE	42	28	55	22	35	-7	.8	.2	.7	2.7	75	4.3	91	100	64	0	4	4	0
MADISON	43	31	51	23	37	-5	.4	.3	.2	4.3	116	7.0	137	96	68	0	1	4	1
MILWAUKEE	42	35	44	32	38	-3	1.5	.7	1.2	8.1	188	11.1	176	93	69	0	1	4	1
WAUSAU	41	31	52	26	36	-2	.3	.3	.2	1.8	53	3.9	76	89	50	0	6	4	0
WY CASPER	37	17	51	10	27	-12	.5	.2	.4	2.8	175	3.7	168	91	50	0	7	3	0
CHEYENNE	32	10	41	1	21	-17	1.0	.8	.8	3.7	247	3.7	176	94	59	0	7	3	1
LANDER	37	18	47	7	27	-12	1.0	.6	.8	3.1	141	3.7	128	84	47	0	7	3	1
SHERIDAN	47	23	60	17	35	-4	.2	.2	.1	.7	33	1.0	34	72	32	0	7	2	0
PR SAN JUAN	88	73	90	72	81	2	.1	.6	.1	1.6	39	2.5	26	78	47	1	0	2	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

National Agricultural Summary

April 4 to 10

HIGHLIGHTS: Dry weather returned to the west coast, allowing growers to resume planting and harvesting activities. Heavy rains saturated soils across the eastern half of the Nation, further delaying land preparation and spring planting. Farmers across the South had 1 to 2 days suitable for fieldwork, while producers in the Corn Belt were kept out of fields all week. Soil moisture supplies were adequate to surplus across most of the Nation. Winter wheat continued in mostly good condition. However, cool temperatures limited potential growth. The crop jointed and headed across the South. Corn planting was behind normal across the South. Sorghum planting in Texas was 57% finished; some fields may be replanted due to poor development. Cotton planting in the 14 major producing States reached 8% completion, the same as last year. Rice seeding was 7% complete, 13 points behind normal. Peanut planting was underway in Georgia and Texas. Pastures were in fair to good condition. However, cool, wet conditions limited growth. Livestock were generally in fair to good condition.

SMALL GRAINS... Winter wheat continued in mostly good condition, although cooler temperatures limited potential growth in most major producing areas. Snow and rain from the lower Plains to the Corn Belt replenished soil moisture but continued to stall topdressing and spring seeding. Sowing of spring oats lagged normal in many northern areas. Wheat stands jointed and headed across the South.

Kansas wheatfields had light to moderate disease and greenbug infestations. The crop was in good to excellent condition with light wind damage in south-central and northeastern counties. Spring seeding of oats was on schedule, but barley planting was 20 points behind normal.

Saturated fields in Oklahoma limited topdressing and weed control. Continued cool, damp weather delayed development of winter wheat.

Texas wheatfields were heading. The crop should mature rapidly as temperatures rise. The crop was in mostly good condition. However, some rust problems were evident in the Cross Timbers and Blacklands. Most areas had ample moisture for promoting small grain growth.

Wet fields delayed fertilizing and spring seeding of small grains in the Corn Belt. Growers rated the wheat crop in mostly good condition.

OTHER CROPS... Corn planting continued to lag normal in the Southeast as wet conditions hampered fieldwork. Progress ranged from just starting in North Carolina to 49% finished in Louisiana. Emerged plants were in mostly fair condition due to cool, saturated soils.

Wet fields slowed sorghum planting in Texas. Growers had seeded 57% of the crop, 1 point ahead of normal. Some fields in portions of central Texas and the Blacklands will be reseeded because development was affected by poor weather.

Cotton planting was limited primarily to the Southwest and California as wet fields delayed activities elsewhere. Planting reached 8% finished in the 14 major producing States. Progress ranged from just starting in Georgia and New Mexico to 40% complete in Arizona. Wet conditions delayed planting and slowed germination in Texas.

In the 5 major rice States, seeding was 7% complete, compared with 15% last year. Planting lagged normal in all States except California. Wet weather stalled field activities.

Tobacco transplanting was 43% complete in Georgia, 23 points behind the average. Producers continued seeding and caring for seedbeds in all other areas.

Peanut planting started in Georgia and was 4% complete in Texas. Wet fields continue to limit planting.

FRUITS AND NUTS... Peach orchards were rated fair to good across the Southeast. Most orchards escaped serious damage from the previous freeze. Georgia peaches reached 98% bloom.

Florida citrus groves were past peak bloom with near perfect weather. However, excessive water remained in some low land groves. Grapefruit picking declined while Valencia orange harvesting increased.

Texas growers continued picking Valencia oranges and grapefruit. The fruit set was heavy on peach trees. Orchards were in good condition. Pecan trees in south Texas leafed out.

Arizona's citrus picking was limited to filling orders. Citrus groves were in good condition with abundant new blooms.

California growers sprayed and thinned stone fruits as drier conditions returned to the State. Apple trees began blooming as cherries neared completion. Conditions were favorable for date pollination in the desert area. Fieldwork increased in almond orchards with the improved weather. Shot hole fungus remained a problem in many orchards. Grapes and walnuts were leafing out.

VEGETABLES... Rain halted land preparation for spring planting in northern areas and seedings in the Southeast.

Florida's vegetable shipments increased 10% from the previous week. Only cauliflower, celery, okra, radishes, and southern peas registered declines. Watermelon harvesting is expected to begin soon. Strawberry harvesting reached its peak.

In the Rio Grande Valley of Texas, the spring onion harvest continued with good volumes being shipped. Lettuce, carrot, and cabbage harvesting continued active in this region and in the San Antonio-Winter Garden area. Cool temperatures and wet fields slowed potato and vegetable development in the remainder of the State, and some replanting may be necessary.

Mixed vegetable planting and harvesting continued in Arizona. Limited spring lettuce and cauliflower cutting occurred in Yuma County. Maricopa and Pima County lettuce picking gained momentum.

Dry conditions returned to California, and growers resumed an active planting schedule for all vegetables. Producers increased cutting of broccoli and cauliflower; quality improved. Lettuce harvesting was in full swing in the San Joaquin Valley but neared completion in the desert area. Strawberry volumes were near normal.

PASTURES AND LIVESTOCK... Pastures were in fair to good condition across the South, although cool, wet weather slowed growth of grasses. South Texas and the Rio Grande Valley need additional moisture to sustain growth. Feedlots were extremely muddy in the central Plains, and slow weight gains were reported. Supplemental feeding continued but decreased as grazing improved.

March Crop Production Highlights

CITRUS production forecast, at 13.5 million tons, 12 percent higher than last season.

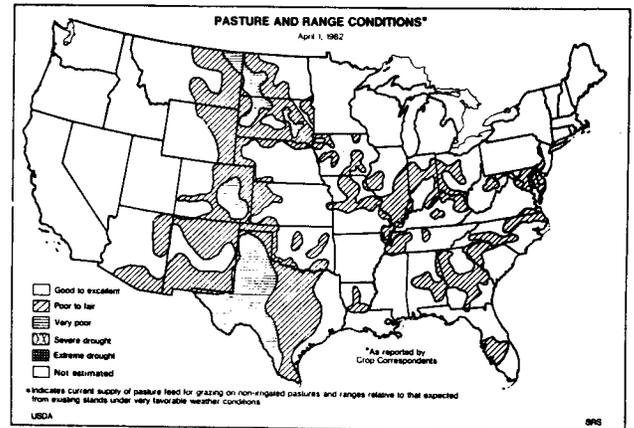
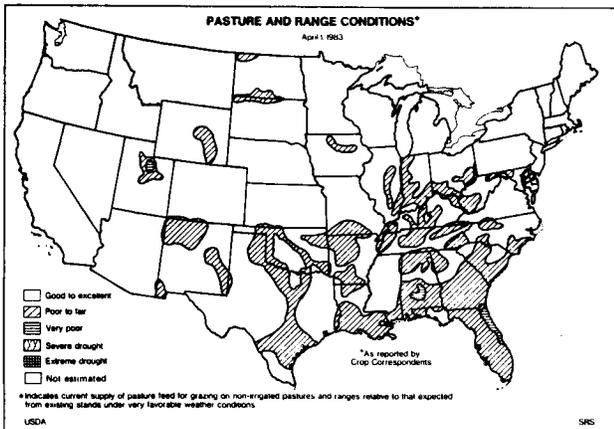
ORANGE production forecast, at 221 million boxes 24 percent more than last season. As of first of April, 50 percent of U.S. orange crop harvested.

GRAPEFRUIT production forecast, at 61.9 million boxes, 13 percent below last season. As

of April 1, 71 percent of crop harvested.

LEMON production, at 26.6 million boxes, 7 percent above last season. As of April 1, 54 percent of crop harvested.

SPRING POTATO production forecast at 17.8 million cwt, 13 percent below last year, and second smallest crop of record.



CROP PROGRESS

FOR WEEK ENDING APR 10

	RICE		
	% PLANTED		
	1983	1982	AVG.
ARK	1	3	6
CALIF	1	0	0
LA	16	37	42
MISS	0	10	18
TEX	23	40	55
5 STATES	7	15	20

THESE 5 STATES PRODUCED 98% OF THE 1982 RICE CROP.

	COTTON		
	% PLANTED		
	1983	1982	AVG.
ALA	0	0	NA
ARIZ	40	25	16
ARK	0	0	2
CALIF	22	5	48
GA	1	4	10
LA	0	0	0
MISS	0	0	1
MO	0	0	0
N MEX	1	3	3
N C	0	0	1
OKLA	0	0	0
S C	0	3	0
TENN	0	0	1
TEX	7	12	13
14 STATES	8	8	NA
EXCL. STATES WITH NA	8	8	14

THESE 14 STATES PRODUCED 99% OF THE 1982 COTTON CROP.

NA - NOT AVAILABLE

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 Offices in cooperation with the National Weather Service.

ALABAMA: Rainfall 3 to 7 in., with near 10 in. along coast. Air and soil temperatures below normal.

Fieldwork 0.9 days. Soil moisture surplus. Corn planted 19%, 1982 52%, average 32%. Cotton planted 0%, 1982 0%. Activities: Routine care of livestock and poultry, planting of corn and some vegetables. Conditions: Pasture feed, stored feed, short to adequate. Livestock, wheat, fair to good. Pastures mostly fair. Fieldwork behind schedule; plowing 30%.

ARIZONA: Unsettled weather prevailed while winter like storm moved over State early week causing colder than normal temperatures. Snow level dropped around 4,000 feet. Snowfall amounts varied from trace to 6 in. Precipitation mostly confined Mogollon Rim, White Mountains, some scattered precipitation Desert. As storm moved out at week's end, some moderation temperatures began.

Cotton growers stepped up planting activities, 40% acreage planted, ahead both last year's 25% and average 16%. Heaviest concentration seeding Yuma County, roughly 1/2 to 2/3 acreage planted. Growers reported plants emerging from earlier plantings, stands being established. Weed control measures taken as needed. Maricopa, Pinal, Pima County farmers rapidly increasing cotton planting, warm weather creating favorable conditions. Southeastern, northwestern areas mostly awaiting warmer weather, drier soil conditions before getting underway although limited planting had begun. Pre-plant activities active throughout State for fields not yet planted. Wheat, barley made rapid progress Yuma County, earlier plantings beginning turn color. Later plantings well advanced into heading stage. Small grains Mohave, Maricopa, Pinal Counties mostly heading stage, remaining counties crop progress mostly jointing stage. Wheat, barley crop development average Statewide, some hail damage Pinal County. Herbicides, insecticides applied as needed. Plants emerging early planted fields of corn, sorghum Yuma County, some growers still planting. Cochise County growers continued preplant activities corn, sorghum. Cutting, baling alfalfa hay concentrated mostly Yuma County, other areas cutting as favorable conditions existed. Safflower made average progress. Limited picking spring lettuce, cauliflower occurred Yuma County as season neared end. Spring lettuce harvest Maricopa County full swing, close to beginning Pima County, low temperatures caused delay maturity. Planting cantaloups, watermelons, honeydew melons continued Statewide. Runners developing earlier planted melon fields Yuma County. Plants made good progress. Mixed vegetable planting, harvesting made normal seasonal progress. Limited picking Valencia oranges, grapefruit, tangerines, lemons took place, mostly to fill orders. Citrus groves good condition, new blooms indicating favorable new crop prospects.

ARKANSAS: Week was cold and wet with temperatures ranging from 4 to 11° below normal. Highest mean 55°, lowest 46°. Rainfall reported by all stations, amounts ranging from less than 1.00 in. to more than 3.00 in. Most rainfall 3.79 in., least 0.22 in.

Nearly 3.0 days favorable for fieldwork. Soil moisture surplus in all areas. Farm activity on schedule, except beginning to lag south. Little field preparation. No cotton, rice, or soybeans planted last week. Rice planted, less than 5%, same as 1982, 6% average. Cotton planted, none, 1982 none, average less than 5%. Soybeans planted

none, same as 1982 and average. Wheat and oats fair, need warmer weather. Corn planting about 33%, 15% 1982 and average. Sorghum planted 8%, 10% 1982, 7% average. Both crops fair. Pastures below average, slow growing. Cattle feeding continued.

CALIFORNIA: It was quite cool during the period with recent days showing a slight warming trend. The South Coast was the only district with an above normal temperature average, while the southeast interior was the extreme case of the below average temperatures throughout the remaining districts. Precipitation figures indicate dry conditions were prevalent over the State. Cool temperatures and average rainfall predicted in the long range forecasts.

Improved soil conditions. Early oats, wheat heading out. Desert wheat excellent. Rice stubble burning resumes. Desert alfalfa harvest continues. Herbicides on barley. Cotton planting active San Joaquin west side, Imperial Valley. Excess soil moisture. Apple blooming, spraying apricots active. Cherry bloom near completion. Date pollination Desert. Grapes, walnuts leafing. Fruit thinning active stone fruits. Leaf curl-peaches. Pears set, petal fall, bloom. Orange harvest active. Almonds - shot hole fungus. Weather improved, fieldwork increased. Artichokes moderate supply. Asparagus growers aerating beds. Broccoli, cauliflower production increased, quality improved. Cantaloupe planting complete Desert, early fields setting melons. Celery planting increased Central Coast, harvest active South Coast. Lettuce harvest full swing San Joaquin Valley; nearly complete Desert. Strawberry volume near normal. Sweetpotato planting started. Planting, staking, stringing market tomatoes. Planting processing tomatoes resuming northern districts. North winds beneficial drying ranges, pastures. Warm, sunny weather improved grass strength. Livestock gaining weight.

COLORADO: Winter storm in central Rockies early in week, 1 to 3 feet of snow mountains and north-east foothills. Scattered rain and snow measured from 0.10 to 0.50 in. of moisture. Scattered light snow continued in the mountains through 8th. Very cold air mass. Temperatures well below normal Statewide through 8th. Mild weekend with afternoon readings climbing to the 60's and low 70's. Small grain seedings behind normal due to wet soil. Only 0.5 day suitable for fieldwork. Topsoil and subsoil moisture adequate to surplus. Range and pasture condition good, will green up rapidly with warmer temperatures. Livestock good condition. Cows calved 66%, ewes lambing 61%. Cold wet conditions causing stress to newborn animals.

FLORIDA: Cool early in week with warming trend late in week. Heavy rain late in period as a slow moving cold front moved through State. Rainfall amounts averaged 1.00 to 3.00 in.

Soil moisture mostly excessive west and north, adequate to excessive central and south. Corn, tobacco planting delayed due excessive moisture. Some corn replanted. Land preparation for planting peanuts and soybeans behind schedule. Wheat heading all areas, warm humid weather expected to increase disease problems. Sugarcane harvest practically complete. Young cane good condition. Pasture conditions poor to fair Statewide, steadily improving with warmer and drier weather. Cattle also improving and remain in mostly fair to good condition across State. Citrus grove condition excellent in near perfect weather, new growth and bloom contin-

ues, peak bloom last week. Excessive water in some lowland groves. Valencia orange harvest increasing, grapefruit movement slowing. Mild, dry weather prevailed most of week in vegetable areas. A few widely scattered showers during the week were followed by heavy rains at weekend. Mild weather beneficial to crop growth. Harvest, fieldwork active under drier conditions. Total shipments increased 10% from previous week. Harvest increased snap beans, cabbage, carrots, Chinese cabbage, cucumbers, lettuce, peppers, potatoes, squash and strawberries. Supplies about steady sweet corn, eggplant, escarole, parsley, and tomatoes. Volume declined cauliflower, celery, okra, radishes, and southern peas. Strawberry harvest continues at peak volume. Watermelon progress improved, first picking may be this week or next.

GEORGIA: During the week, a series of storms produced gusty winds, fog, clouds, and rain. Mostly mild temperatures with warmer readings in the south, averages up to 3° above normal. Average rainfall over 2.00 in. north to near 0.75 in. south. The weekend cloudy with rain 8th and 9th and mostly sunny 10th except cloudy extreme north. Weekend rainfall amounts were moderate to heavy averaging from 1.00 to near 3.00 in.

Soil moisture 18% adequate, 82% surplus. Fieldwork possible 3.0 to 4.0 above south, 1.0 to 3.0 general, early in the week. Halted later by wet soils. No days suitable north. Rapid planting progress south considering the few days suitable. Corn 48% planted, last year 83%, average 66%, condition 23% poor, 63% fair, 14% good. Tobacco 43% transplanted, last year 91%, average 66%, condition 62% fair, 35% good, condition of remaining plant beds 71% fair, 25% good. Watermelons 51% planted, last year 79%, average 69%, condition 29% poor, 62% fair, 9% good. Cotton 1% planted, last year 4%, average 10%. Peanuts less than 0.5% planted, last year and average 2%. Wheat 85% jointing, 47% in or past boot, 18% headed. About 1/3 of wheat topdressed before March 1, 3/4 before April 1. Rye 50% fair, 45% good. Other small grains 45% fair and 51% good. Grain sorghum 2% planted, last year 7%, average 4%. Peaches 98% in or past bloom, condition 8% poor, 49% fair and 37% good, earlier freeze damage more apparent north. Pastures 6% poor, 32% fair, 56% good, 6% excellent.

HAWAII: Weather favorable to crop development. Rain showers during the week brought welcomed relief to previously dry crop areas. Reservoir levels were returned to normal in several areas and irrigation schedules back to normal. Leafy vegetables in good supply. Papaya supplies continue at lower level. Rains benefitted orchards in major growing area. Sugar and pineapple harvesting gaining momentum.

IDAHO: The weather for the first part of last week was dominated by a cool, moist flow of air from the Pacific. By midweek, temperatures moderated somewhat and skies cleared. Temperatures ranged from 2 to 10° below normal Statewide with the exception of the Panhandle where temperatures were slightly above normal. Precipitation amounts ranged from 0.10 to 0.25 in. below normal except in the Magic Valley where amounts were 0.10 to 0.66 in. above normal.

Crop planting continued to lag behind normal. Spring wheat seeded reached 10% completed, 10% 1982 and 24% average. Barley at 7% seeded trailed last year's weather delayed 8% and the average 18%. Sugarbeets at 22% planted were 4 points ahead of the 1982 level but 4 points behind average. Onion plantings at 26% were at half the level of last year and normal. Dry pea and potato planting were just underway with 3 and 4% planted, respectively. Range and pasture growth was slowed by cool nights and frosts. Calving continued while lambing neared completion.

ILLINOIS: Temperatures averaged 3 to 8° below normal. Precipitation moderate to heavy ranging from 0.75 to 2.90 in., heaviest amounts in southern areas.

Days suitable for fieldwork - none. Oats 17% seeded, last year 16%, normal 28%. Tillage for 83 corn and soybean acres 73% complete, last year 70%, normal 72%. Pasture supplying 20% livestock roughage requirements. Winter wheat condition 19% excellent, 68% good, 13% fair. Livestock fair to good condition hampered by muddy pastures and lots. Alfalfa and pastures in mostly good condition. Soil moisture 7% adequate and 93% surplus.

INDIANA: Fieldwork averaged 0 days. Topsoil moisture surplus. Subsoil moisture adequate to surplus. Tilling 65% complete, 1982 50%, average 60%. Tilling 65% by chisel plow. Oats 40% seeded, 1982 10%, average 30%. Winter wheat good condition. Wheat 6% jointed, 1982 2%, average 3%. Wheat 5 in. tall, 1982 3 in., average 4 in. Apple buds 80% alive, peach buds 75% alive.

IOWA: A cloudy, cold, wet week. Temperatures averaged from 7° subnormal northeast to 10° below normal southwestern third of State. Precipitation varied from 0.50 in. northwest to 1.50 in. southeast, much of which fell as wet snow melting as it fell or soon thereafter. Stream flows continue high with minor flooding. Mud and standing water abundant. Soil temperatures were mostly in the mid-to-upper 30's.

KANSAS: Precipitation averaged 0.33 to 0.50 in. west and north central to 1.25 to 1.90 in. elsewhere. Heavy snows southwest and in a narrow band extending to the northeast the 3rd and 4th. Temperatures averaged 36 to 39° west and central to 40 to 42° east. These were 9 to 13° below normal.

Wheat condition good to excellent. Light to moderate infestations of soil-borne mosaic, tan spot, barley yellow dwarf, speckled leaf blotch and greenbugs. Light wind damage in south central and northeast counties. Oats 70% planted, last year 80%, average 70%. Barley 50% planted, last year 60%, average 70%. Feedlots muddy. Livestock losses higher than normal.

KENTUCKY: Wet and cool weather prevailed as a storm center moved up Mississippi River Valley. Average temperatures were in 50's ranging from near normal to as much as 5° below normal. Precipitation was locally heavy causing some flooding of low-lying areas near confluence of Mississippi and Ohio Rivers. Rainfall amounts ranged from more than 5.00 to 0.50 in. Most locations received between 1.00 and 2.00 in.

Rain and wet soils limited fieldwork. Soil moisture 14% short, 47% adequate and 39% surplus. Weekend rains eliminated most of the shorts. Tobacco beds 80% seeded with 31% of seeded beds having plants emerged. Everything needs sunshine. Corn 1% planted, about comparable with last year and average. Diseases prevalent in wheat and barley. Little or no freeze damage to apples, moderate damage to peaches in some eastern counties. About one-third of alfalfa fields have weevil infestation.

LOUISIANA: Rainfall 0.50 in. northwest to 10.00+ in. east central. Largest 24-hour total 11.79 in. Temperatures normals ranged -3 to -5° south, -5 to -8° north. High 85°. Low 34°.

Soil moisture surplus. Days suitable 0.8. Spring plowing 49%, 66% 1982. Corn planted 49%, 68% 1982, 55% average. Corn emerged 30%, 56% 1982, 37% average, condition poor to fair. Rice planted 16%, 37% 1982, 42% average. Rice emerged 11%, 24% 1982 and average. Condition poor. Watermold and blackbirds affecting stands. Sorghum planted 5%, 13% 1982. Wheat headed 19%, 42% 1982, 26% average.

Wheat turning color 1%, 3% 1982. Condition fair. Sugarcane rated fair to good. Vegetables rated poor to fair. Strawberry harvest continues. Some losses due to heavy rains. Some watermelon acreage required replanting due to cool, damp weather. Tomato plants being transplanted. Pasture and livestock rated fair.

MARYLAND: Temperatures averaged 2 to 4° above normal in western Maryland and normal to 2° above elsewhere. Temperature minimums were mostly in the 30's while maximums reached the mid 60's to low 70's. Precipitation averaged 1.50 in. Statewide. Western Maryland received less than other portions. Most areas experienced rainfall and cloudiness and rain 6 out of the 7 days. The 9th and 10th were cloudy with a smattering of sunshine on the 10th. Weekend highs were in the mid to upper 50's with lows in the mid 40's.

MICHIGAN: The much awaited spring was delayed again. Moderate amounts of precipitation fell over State. Cool temperatures prevailed throughout most of the State, with average temperatures 1 to 2° below normal. Only the northern portion of the Lower Peninsula and the eastern portion of the Upper Peninsula had above normal temperatures. Field activity was virtually non-existent as cool wet weather continued.

MINNESOTA: Temperatures averaged 1 to 3° above normal northern third of State and near normal to 6° below normal lower two-thirds of State. Extremes 57° at Alexandria and 17° at Duluth. Precipitation averaged normal to 0.35 in. below normal northern two-thirds and 0.13 to 0.18 in. above normal lower one-third of State. Precipitation totals none to 0.05 in. northern two-thirds and 0.64 to 0.74 in. lower one-third of State. Greatest amount of precipitation reported at Winona at 1.16 in. Snowfall ranged from trace to 7.9 in. southern one-third of State, central, east central and northeast. Heaviest amounts in southeast and east central. Snow depth at weeks end ranged from 0 to 6 in. southern one-third and from trace to 14 in. northeast. Elsewhere trace or less.

MISSISSIPPI: Temperatures 8° below normal. Extremes 34 and 79°. Torrential rains caused widespread and prolonged flooding in south half of State. Greatest 24-hour rainfall almost 14.00 in. Greatest weekly rainfall 17.51 in.

Soil moisture excessive. Heavy rains delaying land preparing for planting. Fieldwork 0.3 days suitable, 2.4 last year, 2.9 average. Plowing for spring planting 31% completed, 55% last year, 56% average. Cotton 0% planted, 0% last year, 1% average. Rice planting less than 1%, 10% last year, 18% average. Corn 18% planted, 43% last year, 36% average. Watermelons 10% planted, 66% last year. Winter wheat 62% jointing, 86% last year; condition fair to good. Pasture condition fair to good. Livestock condition good to fair.

MISSOURI: Temperatures averaged 11° below normal. Rain fell almost every day except for in a small part of southwest and south central areas. Between 1.00 to 3.00 in. of rainfall was the average, with the heaviest amounts over the Bootheel.

Accumulated precipitation has saturated fields throughout the State and delayed crop planting. Farmers waiting on fields to dry out.

MONTANA: Major spring storm over extreme southern portions southwest and south central left from 1 to 3 feet snow first of week. Elsewhere precipitation light, mostly less than 0.10 in., except over mountains where moderate to heavy amounts fell in daily showers. Temperatures below normal across the entire State, south central had the coldest tempera-

tures with 5 to 10° below normal. In other areas temperatures were mostly 2 to 5° below normal. Highest 68° at Fort Benton, lowest -8° at West Yellowstone.

Winter wheat condition good and starting to grow. Tillage started all areas. Little over 3.0 days suitable for fieldwork. About 3% spring wheat, 8% barley seeded. Soil moisture adequate. Calving 65% and lambing 50% complete.

NEBRASKA: Rain and snow widespread. Moisture amounts from 0.25 to 0.75 in. Temperatures 6 to 11° below normal.

Winter wheat good. Oats seeding 2%, last year not available, 40% normal. Fieldwork one to two weeks away in eastern areas due to water-saturated soils. Eighty-five percent of counties reported "no days suitable" for fieldwork. Days suitable for fieldwork 0.4. Feedlots extremely muddy; slow gains reported. Sickness and viral infections taking toll in eastern calf crops with higher than normal calf losses.

NEVADA: Low pressure system brought cloudy skies, scattered showers and cold temperatures all areas first part of week. Strong, gusty winds also widespread. Temperatures during this period as much as 18 to 28° below normal. Skies cleared and began warming with increased sunshine latter part of period with temperatures near or slightly above normal. Precipitation light and confined to early part of week.

Livestock beginning to move to summer ranges extreme south. Limited progress fieldwork to date.

NEW ENGLAND: Average precipitation ranged from just under 1.00 in. near the Canadian border to nearly 5.00 in. along the south coast. The heaviest rain across New England occurred on 10th, which contributed to the high weekly amounts. Average temperatures ranged from 40° near the Canadian border to 50° along the south coast.

NEW JERSEY: Temperatures averaged 1° above normal. Extremes 30° at Newton on the 6th and 67° at Toms River on the 9th. Weekly rainfall averaged 3.13 in. north, 2.93 in. central and 2.37 in. south. The heaviest 24-hour total 2.70 in. at Long Branch on the 10th.

Estimated soil moisture, in percent of field capacity, averaged 99% north, 97% central and 96% south. Four in. soil temperatures 47° north, 49° central, 49° south.

Farmers caring for livestock and tending to normal spring chores.

NEW MEXICO: Average temperatures well below normal as result of winter storm. Snow and/or rain over all areas, heaviest over southern 1/3 of State. Reports of 1 in. plus.

Cotton planting less than 1%, 3% 1982, 3% average. Alfalfa good condition - cutting begins mid-May. All wheat good condition. Jointing: 20% irrigated, 15% dryland. Corn planting begins 2 weeks. Lettuce, onions good condition. Livestock, ranges fair to good condition. Supplemental feeding continuing.

NEW YORK: Temperatures averaged from upper 30's in north to near 50 in southeast. Rainfall about 1.00 in Hudson Valley, 1.00 to 2.00 in. in Catskills, 2.00 to 3.00 in. around New York, near normal elsewhere.

NORTH CAROLINA: Temperatures 2 to 4° above normal Statewide. Precipitation heavy in the west and southeast.

Soil moisture: 9% adequate and 91% surplus. Days suitable for fieldwork: 1.5. Condition:

Small grains mostly good. Tobacco plant beds: 2% poor, 46% fair, 50% good and 2% excellent. Irish potatoes: 18% poor, 53% fair and 29% good. Peaches: 39% fair and 61% good. Pasture: 4% poor, 25% fair, 67% good and 4% excellent. Truck crops: 10% poor, 50% fair and 40% good. Planted: Corn 1%, 26% last year and average. Irish potatoes: 60%, 94% last year, 85% average. Major farm activities: Monitoring tobacco beds, topdressing small grains, corn planting, equipment repair, planting potatoes and land preparation.

NORTH DAKOTA: Temperatures averaged near normal. Extremes from 61° northwest on the 9th to 11° northwest on the 5th. Very light scattered rain and snow fell the first part of the week. Precipitation averaged 0.30 to 0.40 in. below normal across the State.

Warmer and drier weather the latter part of the week helped dry roads and fields. General fieldwork still one to two weeks away. Conditions good for calving and lambing.

OHIO: Highs averaged near seasonal levels in southern sections but ranged from 5 to 8° below normal north. Averages from upper 40's northwest to 60 south. Lows averaged as much as 8° above normal, due to extensive cloudiness. Average lows from mid 30's northwest to upper 40's south. Minimum temperatures near freezing northwest. Base 50 growing degree day accumulations amounted to less than 5 north, but reached 30 south. These values are 10 below normal south, 25 to 30 below normal north. Precipitation generally over 1.00 in.; from 0.50 in. to more than 1.00 in. above normal. Seven day totals from 0.74 in. to 2.69 in.

Late week rains brought field activities to a halt. Early in week, farm operators did some spring plowing, sowing of oats and topdressing of winter wheat. Vegetable seeding remained active. Fruit growers continued to prune and clean orchards. Winter wheat in good condition, benefiting from rain.

OKLAHOMA: Temperatures ranged from 10° below normal southeast to 19° below normal west central. Precipitation ranged from 0.30 in. east central to near 1.30 in. north central.

Cool, damp weather continued to delay growth and development of wheat. Rain-soaked fields also thwarted weed control and topdressing activities. High winds caused some damage to alfalfa. Livestock remained in good to fair condition although several producers lost cattle to prussic acid poisoning.

OREGON: Rainfall early in week brought 1.00 in. along coast; 0.70 in. in western valleys; less than 0.30 in. elsewhere. Open weather in middle of week, but more rain by weekend. Temperatures averaged 2° above normal along coast; 3° below normal elsewhere.

Soil moisture adequate to mostly surplus. Winter wheat condition fair to good in west; good to excellent in east; beginning to tiller. Seeding spring grains between rains. Fertilizing and spraying behind schedule. Alfalfa and grass hays showing good growth. Spraying tansy in full swing. Cooler weather slowing fruit development. Pears and apples continue to bloom; blossom sprays hampered. Caneberries leafing out. Cultivation in strawberries underway when possible. Fungicides going on cranberries. Processing green peas going in between rains. Most cultivation and seeding waiting for drier weather. Norgold potatoes all in; russets about half seeded in Hermiston-Boardman area. Onions being planted in Malheur County. Livestock in good shape. Pasture growth good, but soggy. Range prospects good to excellent.

PENNSYLVANIA: Rather mild but wet week. Temperatures at or above the normal. The State average 47°, making it the warmest week since the first of December 1982. Extremes were 66 and 30°. Precipitation occurred each day in some portion of the State, as weekly totals ranged from 0.60 in. at Erie and Wellsboro to nearly 3.00 in. in the Lower Susquehanna Valley.

PUERTO RICO: Island average rainfall 0.28 in. or 0.41 in. below normal. Highest weekly total 1.60 in. Highest 24-hour total 1.60 in. Temperatures averaged about 80 to 78° on Coasts and 73 to 70° Interior Divisions. Mean station temperatures ranged from 81.1 to 64.4°. Extremes 94 and 54°.

SOUTH CAROLINA: The weather began and ended sunny, remainder cloudy and rainy. Some freezes early mornings in northwest. Precipitation was excessive over much of inland including 4.00 to more than 5.00 in. west central and central.

Surplus soil moisture general except few coastal counties. Days available for outside activity 2.0. Corn planting two weeks overdue, 11% planted behind 79% last year, 61% average; poor to fair condition. Tobacco plant beds too wet, some plants getting oversized; 5% transplanted, 25% year ago, 28% average, conditions fair. No cotton planted, behind 3% last year. Most peaches escaped serious freeze damage. Central peaches blossoming period longer than usual, condition fair to good. Apples beginning to blossom. Small grain condition fair to good due to surplus soil moisture. Some missed last nitrogen application; wheat 3% headed, 6% year ago. Tomatoes fair to good condition, color improving with fair weather; 86% planted, 93% year ago, 87% average.

SOUTH DAKOTA: Temperatures averaged 3 to 6° below normal. Extremes: 61 and -11°. Precipitation under 1.00 in. Except for Black Hills, no significant snowfall accumulation recorded. Maximum weekly precipitation 0.77 in. Northern half mostly under 0.20 in., southeast near 0.50 in. Yearly precipitation near or above normal for most of State. Much of southeast 1.00 to 2.50 in. above normal.

TENNESSEE: Rains limited fieldwork to 1.5 day. A flash flood watch was in effect for most of the State during the week. Soil moisture 16% adequate, 84% surplus. Tobacco beds 91% seeded, 3 days ahead of last year and 1 day ahead of the average. Corn planting was behind schedule at 2%. Cotton planted 0%, 1982 0%, average 1%. Wheat in fair to good condition. Possible damage to wheat in areas with high water. Pastures fair condition. Livestock good condition. Fruit trees 75% budding or in bloom. Freeze damage to fruit was mostly none to light. Planting of vegetables delayed by rain.

TEXAS: Upper level disturbance during first half of week produced snow, light rain West Texas, cooler temperatures Statewide. Ridge of high pressure 9th, clearing skies, allowing temperatures to warm. Temperatures below normal across State. Temperatures range from 55° High Plains, 73° Lower Valley. Precipitation above normal High Plains, Trans-Pecos region, below normal elsewhere.

Crops: Fieldwork hampered by poor weather. Plains, snow, rain, generally poor conditions delayed land preparation. Other parts of State, wet conditions continue to slow growth, increase possibility of replanting. Cotton developing well Rio Grande Valley. Wet conditions delayed planting Blacklands, slowed germination South Central areas, along Coast. Sorghum planting progress felt effects of wet field conditions. Poor weather affected development, replanting necessary in portions of Central Texas, Blacklands. Plains planting expect-

ed to begin as fields dry. Corn planting also slowed by wet fields. Replanting may be necessary, development slow. Heavy winds damaged fields Central, South Texas. Small grain fields continue to develop well. Moisture helpful in promoting growth. Fields heading out, should mature rapidly as temperatures increase. Rust problems still occurring, Cross-Timbers, Blacklands. Reported conditions 85% compared with 79% a year ago. By week's end 23% was excellent, 48% good, 27% fair and 2% poor. Rice planting continued as weather permitted; considerably behind last year, five-year average. Cotton planted 7%, 12% 1982, 13% average. Rice planted 23%, 40% 1982, 55% average. Rice emerged 2%, 19% 1982, 17% average. Sorghum planted 57%, 59% 1982, 56% average. Wheat headed 3%, 8% 1982, 4% average. Corn planted 45%, 46% 1982, 39% average. Peanuts planted 4%, 2% 1982, 4% average. Sugarbeets planted 30%, 60% 1982, 58% average.

Commercial vegetables: Rio Grande Valley, harvest of spring onions continues, good volumes being shipped. Harvest of lettuce, carrots, cabbage active. Watermelons setting fruit. Citrus harvest continues. San Antonio-Winter Garden area, harvest of cabbage, lettuce, carrots continues. East Texas, cool temperatures, wet fields slowed development of potatoes, vegetables, some replanting may be necessary. Coastal Bend, planting of tomatoes, watermelons, cucumbers underway. Fields wet, planting slightly behind. Trans-Pecos region, poor weather hurt plantings, replanting may be necessary. Onions, potatoes developing slowly. Plains, snow, cold temperatures continue to delay planting of onions, potatoes. Peach trees developing slowly. Trees in good condition, heavy fruit set. Pecan trees budding, setting leaves South Texas. Tree condition good.

Range and livestock: Range, pasture condition remained good, despite cold temperatures. Moisture supplies adequate, except in South Texas, Rio Grande Valley. Supplemental feeding tapering off except Plains, far North Texas. Livestock in good condition, bloating problems continue.

UTAH: Recurring periods snow and rain most of State. Accumulations variable, ranging light to heavy. Below normal temperatures at all reporting stations, ranging 5 to 14° below normal. Damaging winds--gusts in excess 100 mph reported.

Some fieldwork resuming. Stockmen continue to protect young animals on ranges. Fruit tree progress slowed, but remains critical. Some buds on the verge of breaking out.

VIRGINIA: Wet conditions continue--temperatures warmer. Dry early in period, wet remainder. Totals of 1.00 to 2.00 in. Temperatures normal averaging low 50's. Minor flooding from excessive rainfall started late 10th.

Topsoil moisture increased with wet, cool weather to 10% adequate and 90% surplus. Days suitable for fieldwork dropped to 0.7 with only the southeast reporting more than 1.0. Corn seeding progress changed slightly and is still about 2 weeks behind schedule. Potato planting increased to 52% complete, 70% 1982 and 70% average. Field activities very light. Some fertilizing, seeding pastures and hay. Orchard spraying and spraying herbicides for no-till seeding active. Some wheat and barley in the east and southeast reportedly infected with powdery mildew but the crop generally considered in good to excellent condition. Fruit in excellent

condition. Peaches in the south about 50% open blooms while in north blooms just starting to open. Tobacco plants ready but land is not. Seedbeds 98% seeded and in excellent condition. Livestock in good condition. Feeder sales picking up. Mud a problem. Sheep shearing starting in the south-east. Pastures rated excellent but still too wet to use.

WASHINGTON: Significant amounts of precipitation were reported on 2nd. Cold air lowered the freezing level which resulted in considerable snowfall over the Cascades. High pressure over western Canada and low pressure south of State combined to bring a drying condition to the State through mid-period. But another front, again with a cool, moist and unstable airmass, crossed the State on 5th.

Soil moisture conditions were rated as good. Agricultural activity increased as fields began to dry. Wet fields delayed planting of some crops. Hay and other roughage feed supplies were adequate. Winter wheat fields in excellent condition. Spraying for weed control active. Rain slowed seeding of spring wheat. Field corn planting preparation underway. Alfalfa fields progressing well. Planting of potatoes continuing in some areas. Peaches, cherries, and pears in bloom. Apples in the pink stage in some areas. Some frost protection required in cooler areas. Harvest of asparagus beginning. Cool nights slowing spear emergencies. Early plantings of tomatoes expected next week. Range and pasture feed supplies adequate. Grazing winter wheat fields active. Calving and lambing winding down. Mild weather contributed to high survival rate.

WEST VIRGINIA: Temperatures averaged 3° above normal in all areas except the central area where they averaged 6° above normal. High 75°, low 30°. Precipitation above normal Statewide.

Soil moisture surplus to adequate. Days worked averaged 1.8. Hay, grain, and other feed supplies adequate.

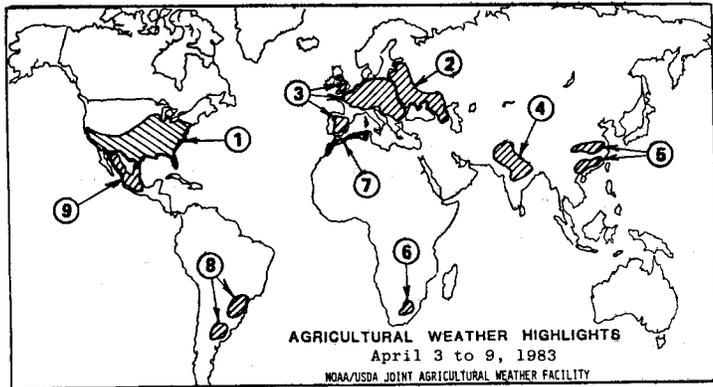
WISCONSIN: Cloudy, cool wet weather pattern continued. The only break was 8th when most of the State had sunny skies. Several inches of snow fell across north on 6th, 5 in. was reported at Eau Claire, 2 to 4 in. at Superior while rain, drizzle and fog was widespread over central and southern areas. A weekend storm produced heavy rains across south on 9th and 10th with rainfall totals in excess of 1.00 in. in the southeast. A mixture of wet snow, rain, drizzle and fog was reported, elsewhere. The high temperature for the week was 55° at Lacrosse and Wisconsin Rapids on 8th. The low for the week was 15° at Morse on 8th.

WYOMING: Major Easter weekend snowstorm produced significant moisture amounts in central and south-east. Temperatures well below normal.

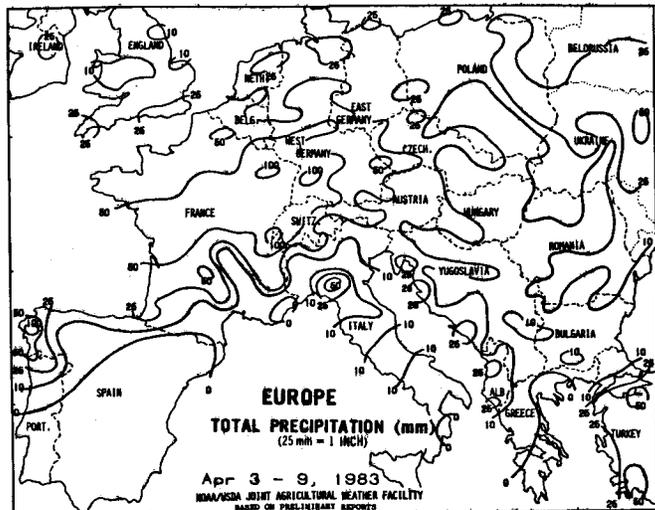
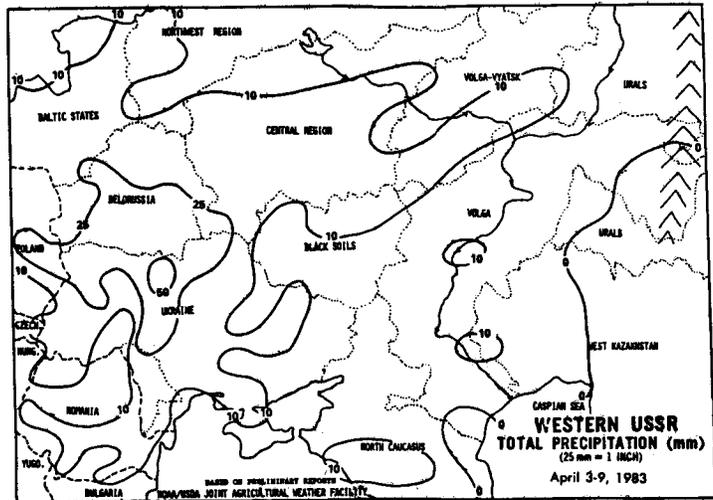
Topsoil moisture adequate 99%. Subsoil moisture adequate 98%. Days suitable for fieldwork: 1.0. Snow, wet fields slowed fieldwork. Oats, spring wheat planted 10%. Barley planted 35%. Sugarbeets planted 5%. Winter wheat fair to mostly good condition. Livestock mostly good condition. Spring calves born: 55%; last year 75%. Farm flock: Ewes lambed 60%; shorn 55%. Range sheep: Ewes lambed 25%; shorn 30%. Calf, lamb losses light to normal. Ranges, pastures mostly good condition.

International Weather and Crop Summary

April 3 to 9

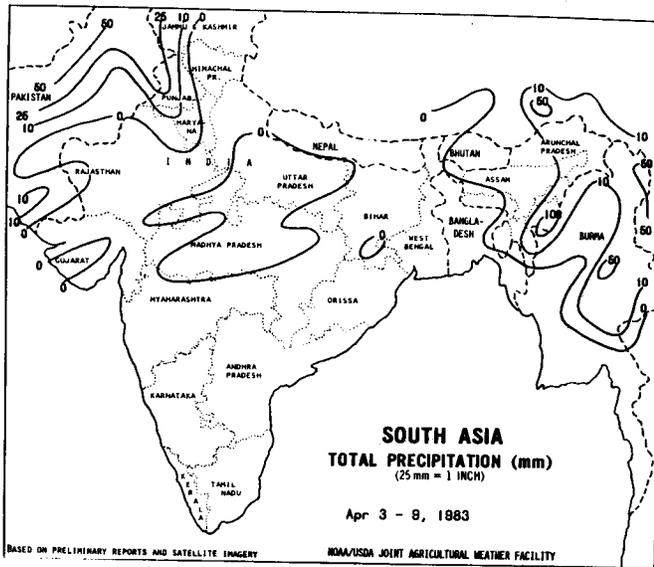


1. UNITED STATES . . . Persistant wetness over the eastern half further delays fieldwork, and torrential rains in Lower Delta produce record floods. Continued drying over the west coast and Southwest promotes planting and harvesting, while unseasonable cold over the central and southern Plains slows development of winter grains and spring crops.
2. WESTERN USSR . . . Showers continue to benefit winter grains over the western half of the region; however, the east is becoming too dry. Unseasonably warm weather promotes vegetation in the south and accelerated spring planting.
3. EUROPE . . . Chronic dryness continues to stress crops in Spain. Generally adequate to abundant moisture benefits crops elsewhere.
4. SOUTH ASIA . . . Showers delay the winter grain harvest in northern Pakistan. Generally dry weather favors maturing grain and aids the harvest in northern India.
5. EASTERN ASIA . . . Heavy rains delay rice planting in southeast. Warm weather aids spring planting and winter crop growth. Northern spring wheat area is too dry.
6. SOUTH AFRICA . . . Light showers provide only minimal relief from severe water shortage.
7. NORTHWESTERN AFRICA . . . Light rain benefits winter grains in Morocco. Mostly dry weather in Algeria and Tunisia stresses winter grains in the reproductive stage.
8. SOUTH AMERICA . . . Locally heavy rain temporarily delays harvesting in northeastern Argentina and southern Brazil, but dry weather returns late in week. Weather favors harvest elsewhere.
9. MEXICO . . . Rains across parts of the North temporarily benefit agriculture, while prolonged dryness could delay plantings in southern Plateau corn belt.

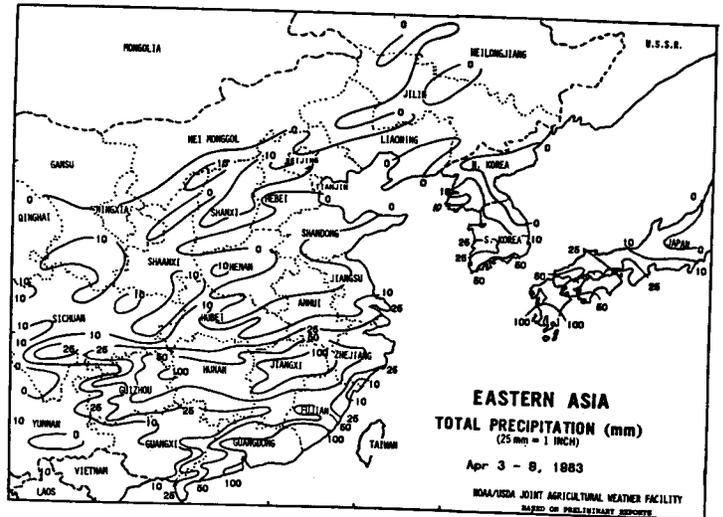


WESTERN USSR...Several rain-producing weather disturbances entered the region from the west, but a high-pressure system centered over Kazakhstan weakened the disturbances as they moved eastward. As a result, generous rains continued to fall on the western half of the region, while the eastern half received only light rainfall. Temperatures continued above normal, promoting vegetation in the south and accelerating the planting of spring crops. Rain is needed for plant growth and germination, particularly in the eastern Ukraine, southern Black Soils, southern Volga Valley, and North Caucasus, where continued unseasonably warm, dry weather has reduced topsoil moisture to unfavorably low levels.

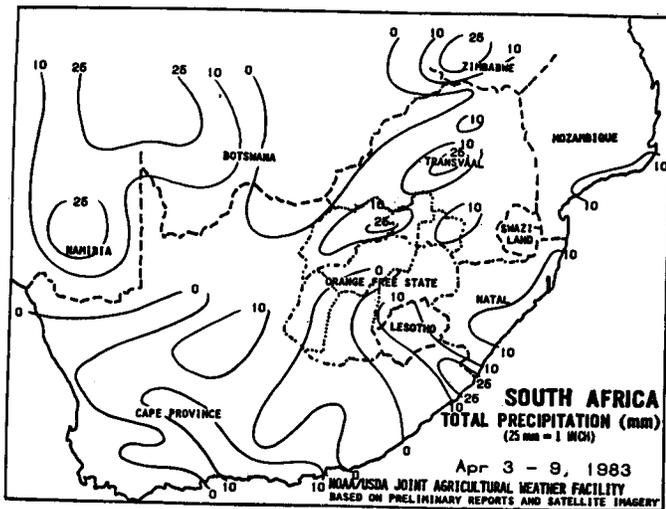
EUROPE...Wet weather maintained abundant moisture conditions for crops in England, France, Italy, and much of northern Europe. Light precipitation in southeastern Europe improved topsoil moisture in Yugoslavia, Romania, and Bulgaria. Reports indicate spring sowing in many areas, but wet weather this past week may have delayed planting progress, particularly in the northwest. In Spain, chronic dryness continued to stress the winter grain crop, reducing the yield potential. The continued dryness in Spain is also causing concern about prospects for spring planted crops. Rain is needed soon in all agricultural areas of Spain. Weekly temperatures over the region were near normal in the west and above normal in the east.



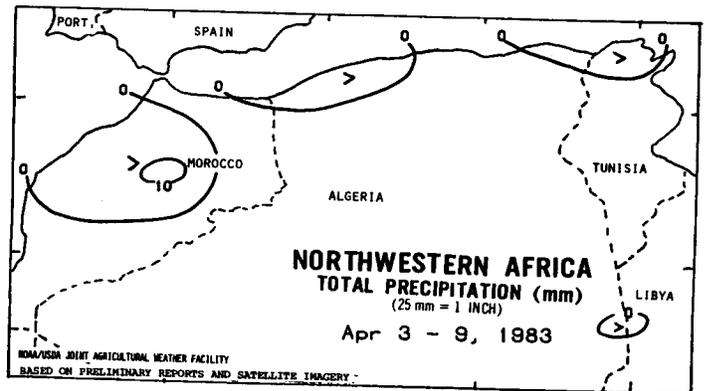
SOUTH ASIA...Wet weather covered maturing winter grains in northern Pakistan, while generally dry weather continued to favor winter grains in northern India. The harvest normally is well underway, but reports indicate harvest delays in some areas of Pakistan. In contrast, the continued dry weather in northern India has likely improved wheat quality and allowed the harvest to progress rapidly. Elsewhere, wet weather improved moisture conditions in extreme eastern India and Burma, while the southern tip of India experienced continued dry weather.



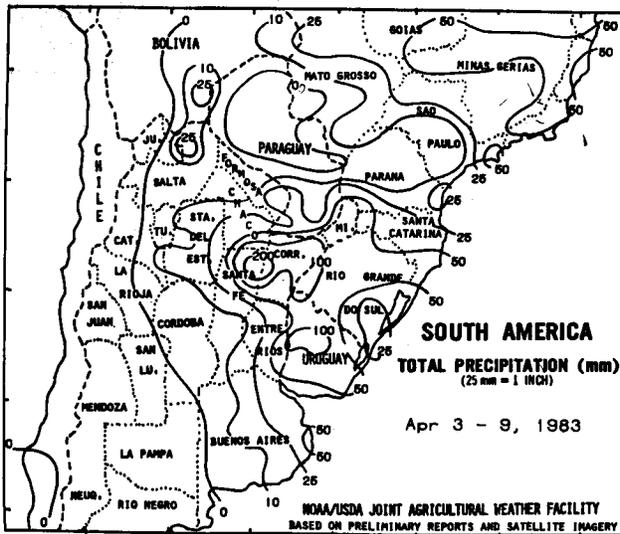
EASTERN ASIA...Frequent periods of heavy rain caused additional rice planting delays in southeastern China. Above-average rains were more widespread this week, extending from Guizhou in the west to Zhejiang near the coast. The moisture will benefit spring crop plantings which become active during April. Average temperatures were above normal throughout much of China, advancing the winter wheat crop through vegetative growth over the North China Plain. Mostly dry weather covered in the winter wheat area, but a narrow band of significant showers fell from Shanxi to Beijing and vicinity, improving topsoil conditions for spring wheat planting. Northern spring wheat areas remained too dry, while some light showers covered the northeastern corn/soybean area. Timely spring showers aided crop growth in western and southern portions of the Korean peninsula.



SOUTH AFRICA...Light showers dotted the Maize Triangle and the Transvaal with some isolated areas benefiting from over 10 mm of rainfall. The moisture offered only minimal relief from the severe water shortage caused by the failure of the wet season to produce adequate rainfall. Crop yields suffered drastic reductions due to drought, and irrigation and reservoir supplies are being rapidly depleted. Lack of sufficient moisture will impact on the winter wheat crop which is normally planted during April. Dry weather covered the wheat area of southwestern Cape Province during the week.



NORTHWESTERN AFRICA...Mostly dry weather covered crop areas of Algeria and northern Tunisia, stressing winter grains in the reproductive stage. In contrast, light rain fell on winter grains in Morocco, but amounts were generally below normal. Overall, winter grain prospects at present remain good, but generous rains will be needed in all areas during the next few weeks to maintain the present outlook.



SOUTH AMERICA...Locally heavy rain fell over northeastern Argentina and adjacent areas of Uruguay and southern Brazil early in the week. The wetness delayed crop harvesting temporarily, but dry weather during the latter half of the week favored the resumption of fieldwork. In Brazil, the soybean harvest progressed without significant delays in Parana, Sao Paulo, and Mato Grosso do Sul where harvesting is well over half complete. Mostly dry weather in Sao Paulo also favored the cotton harvest. The soybean harvest in Rio Grande do Sul, which resumed late in the week, is over 10 percent complete. Locally heavy rains delayed the cotton harvest in southern portions of Formosa and Chaco, but lighter rain further south caused only minor interference for corn, sorghum, and soybean harvesting.



MEXICO...Light to moderate rains across the north central region and parts of the west coast generally aided agriculture. The rains temporarily relieved stress on some crops and rangeland grasses as well as replenishing some of the irrigation water. Unseasonable coolness settled over the north central and northeastern regions, slowing crop development. Sunny, mild to warm weather continued over most other major agricultural areas, favoring field operations but causing water supplies to become shorter. The southern Plateau corn belt continued quite dry as the planting season arrived.

National Weather Summary (continued from front cover)

Mississippi Valley. Moderate to heavy showers and thunderstorms fell from eastern Louisiana to northern Florida, and northward to Kentucky and through the Ohio Valley. The South was spared the extreme deluges of the past 2 days, but some isolated extreme amounts fell in southern Mississippi and Louisiana. Light showers fell throughout the East Coast States except for the Florida peninsula.

FRIDAY...The unseasonable snow continued in western Texas, snow and rain fell from Oklahoma to eastern Nebraska, and rain covered middle Mississippi Valley, eastward to the Atlantic Ocean and along the Northeast coast. The severe showers and thunderstorms moved slowly eastward and

covered Alabama, northern Florida, and northward into North Carolina. Lighter showers covered the mid-Atlantic States. Severe flooding continued in the South but began to abate in Louisiana west of the Pearl River.

SATURDAY...Showers continued in the eastern portion of the central Plains and extended eastward through the Great Lakes and Ohio Valley to the Atlantic coast. Showers and thunderstorms moved over the Southeast from central Florida through the Appalachians to the upper Ohio Valley and into parts of the mid-Atlantic States. Lighter showers covered the next of the East Coast States to New York. A few showers fell over the Pacific Northwest to the northern Rockies.

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