

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

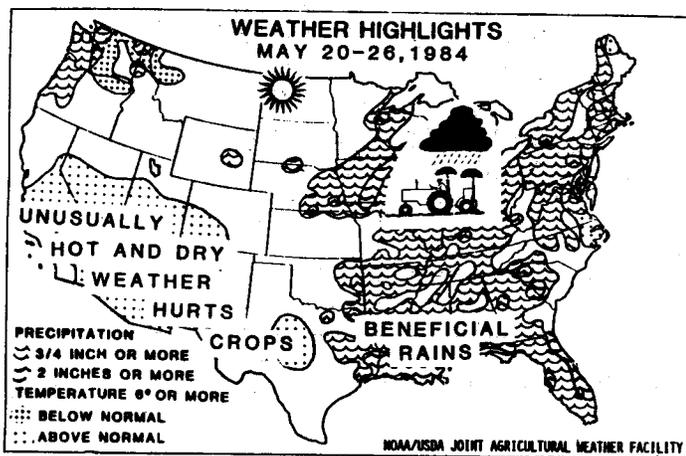
Volume 71, No. 21

WASHINGTON, D.C.

May 30, 1984

National Weather Summary

May 20 to 26



rain moved from a line from southern Michigan to northern Missouri to a line from the upper Ohio Valley to western Tennessee. Temperatures rose to 100° or higher over much of Texas and the Southwest.

WEDNESDAY...A cold front pushed thunderstorms into all of the East Coast States. The storms were accompanied by high winds from eastern Maryland through New York. Light shower fell through the Northwest. Cooler weather moved over much of the East, but very warm weather continued from the Southwest to the northern Plains.

THURSDAY...Thunderstorms continued over Florida, and a few showers developed over western Texas. Another cold front pushed through the northern Plains and triggered heavy thunderstorms from Michigan into Nebraska, and lighter showers through the northern Rockies.

FRIDAY...Thunderstorms, accompanied by hail, high wind, and heavy downpours, reached from the central Great Lakes into Missouri, and lighter showers developed from Missouri to the northern Rockies. Very warm air pushed into the southern Plains, while cooler air was moving through the central Plains.

SATURDAY...Freezing temperatures pushed well into the northern Plains and much cooler air moved into the central Plains; afternoon temperatures were only in the sixties in northeastern Oklahoma, while temperatures reached the nineties in southern Oklahoma. Very severe weather dumped deluges of rain over the Tulsa area, while lesser showers reached into South Dakota and the northern Rockies. Showers fell in the East Coast States and the Southeast.

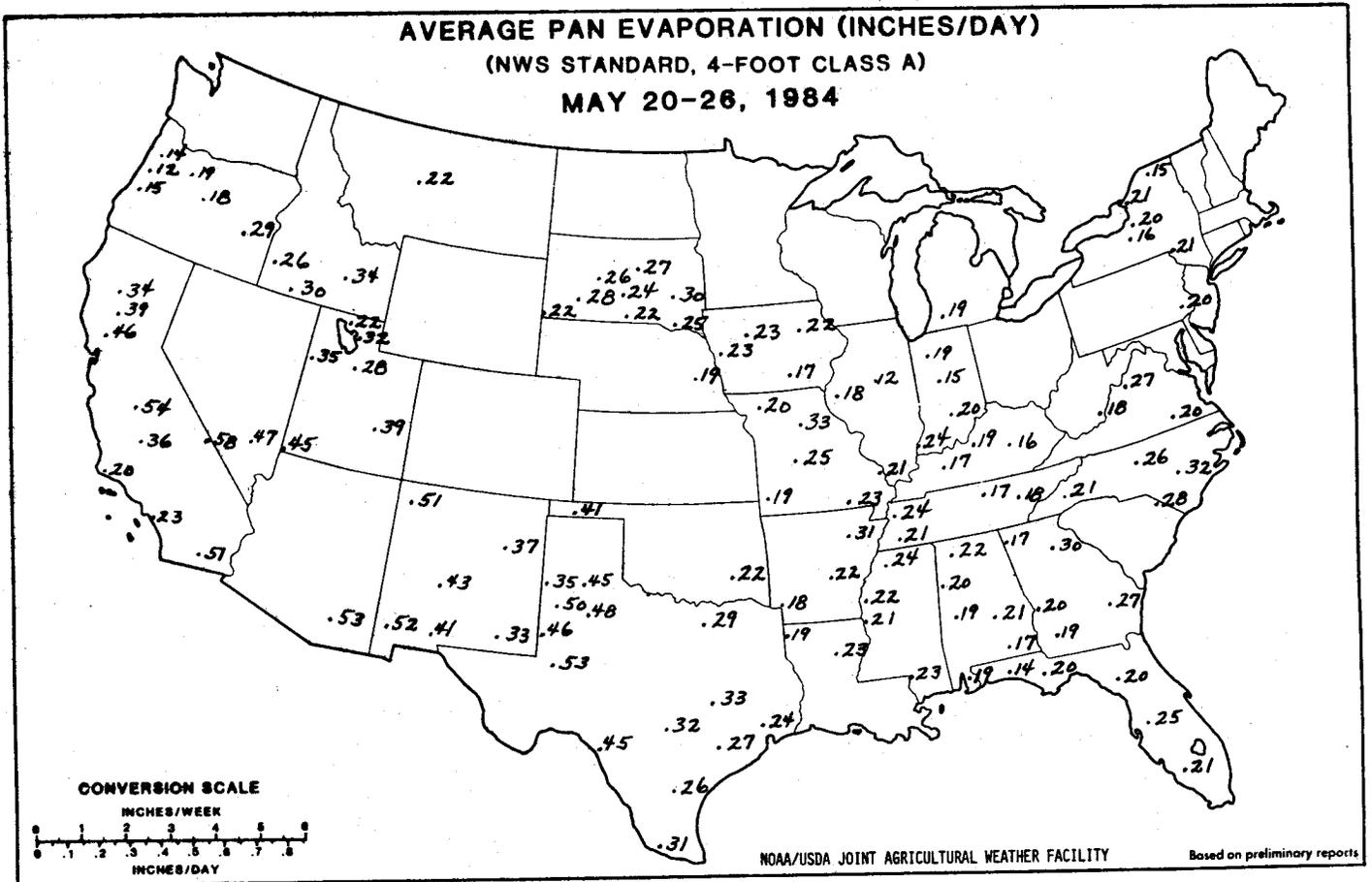
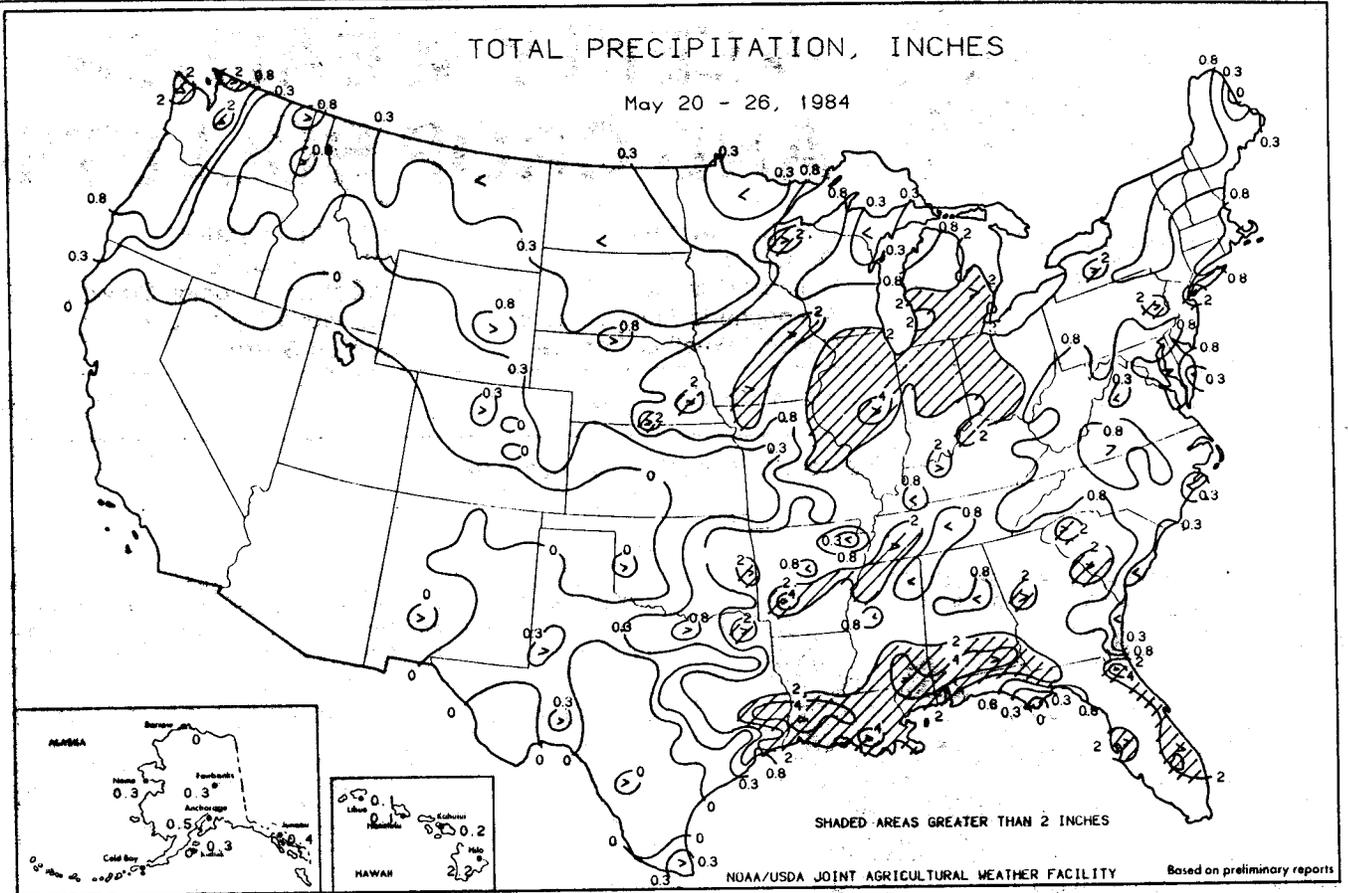
HIGHLIGHTS: A series of cold fronts moved into the northern Plains and then eastward across the Corn Belt. Warm, moist air from the Gulf of Mexico moved northward and triggered thunderstorms from eastern Texas and Oklahoma through the Southeast. The moist air also triggered showers and thunderstorms along and ahead of the cold fronts as they moved through the Corn Belt and the Northeast. Late in the week, freezing temperatures pushed into the northern Plains. Average temperatures for the week were cooler than normal in the northwestern States and the northern Plains. It was much warmer than normal in the Southwest and through most of Texas.

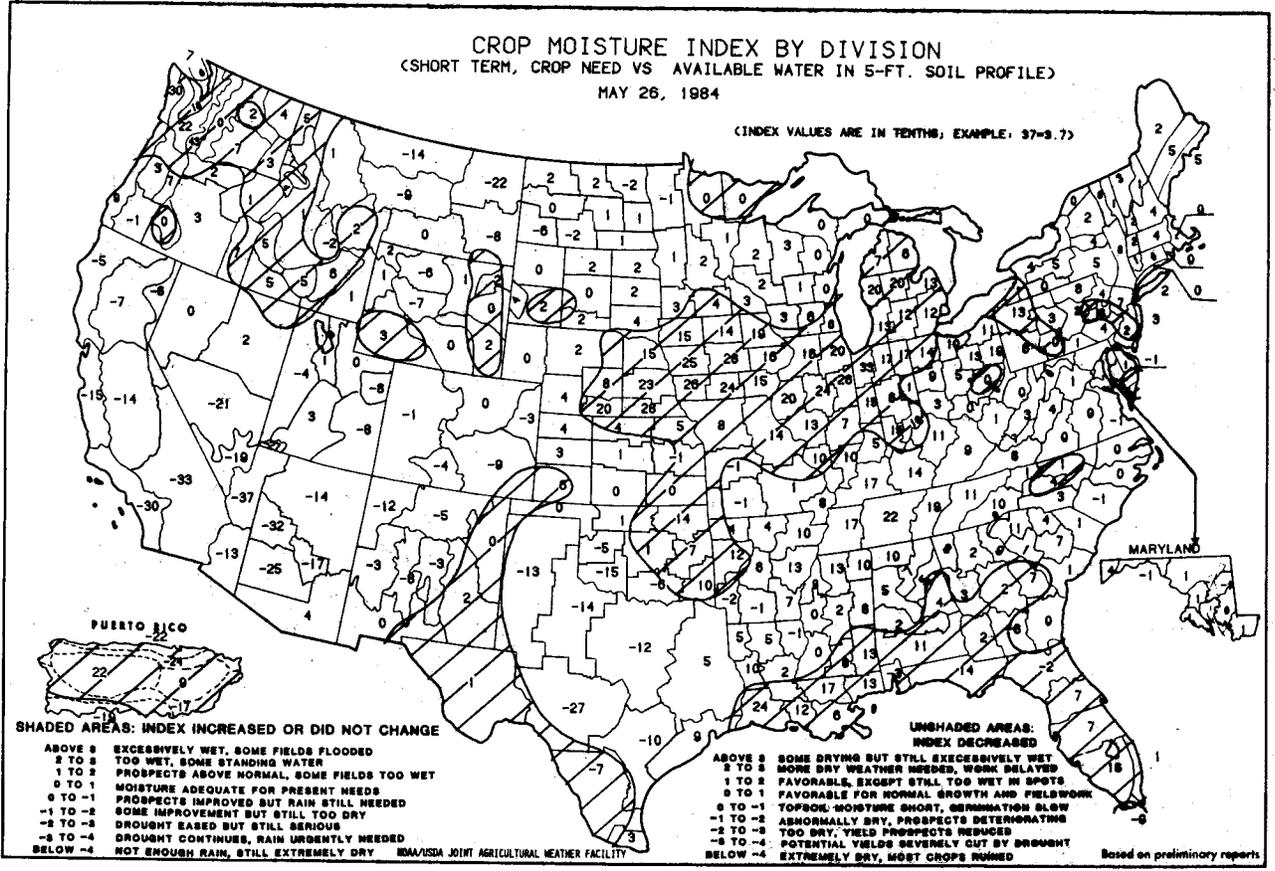
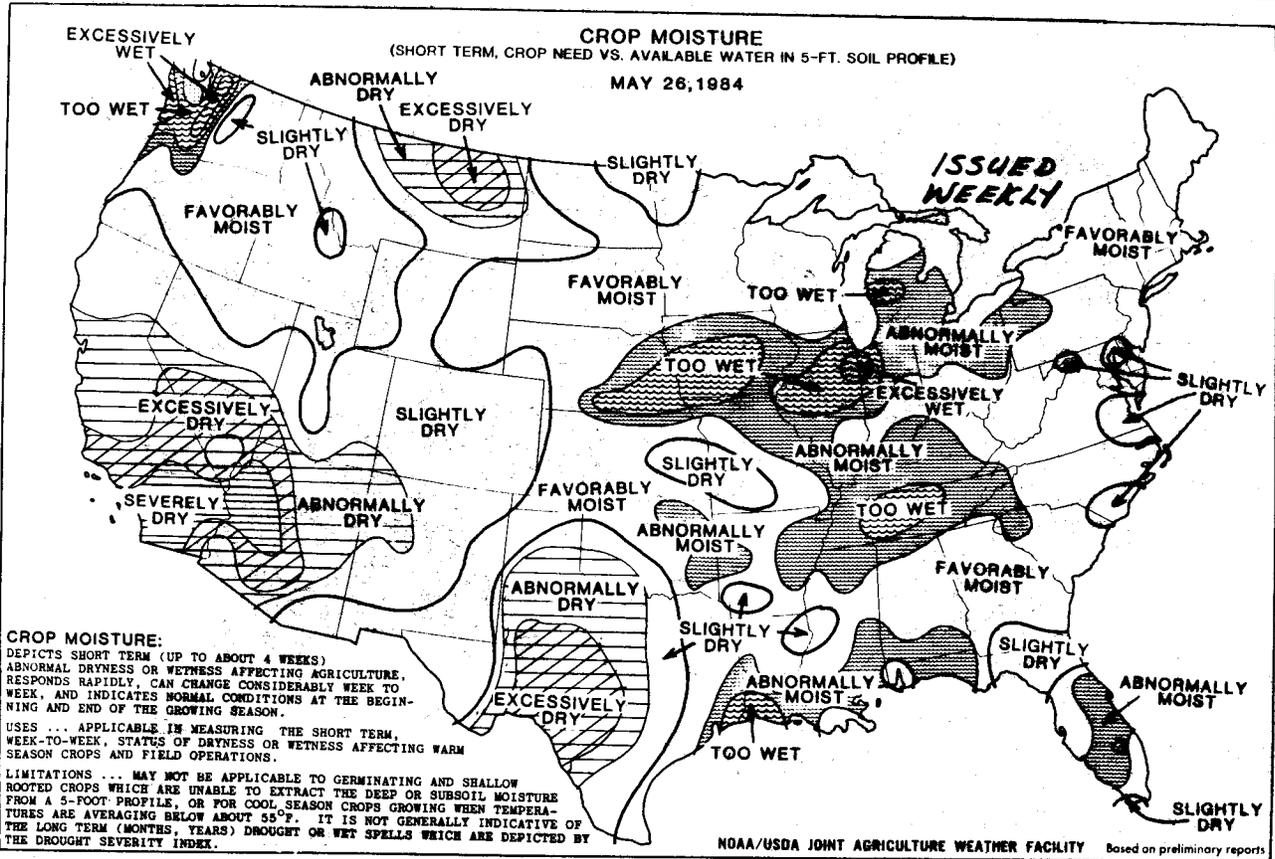
SUNDAY...Showers and thunderstorms were heavy along the central coast of the Gulf of Mexico, the lower Mississippi Valley, and north of a cold front that reached from Maryland through southern Ohio to central Missouri. Light showers fell over the northern Rockies and Plains. Temperatures were very warm over the Southeast and the western part of the Plains, but a wedge of cool air reached through the Mississippi Valley.

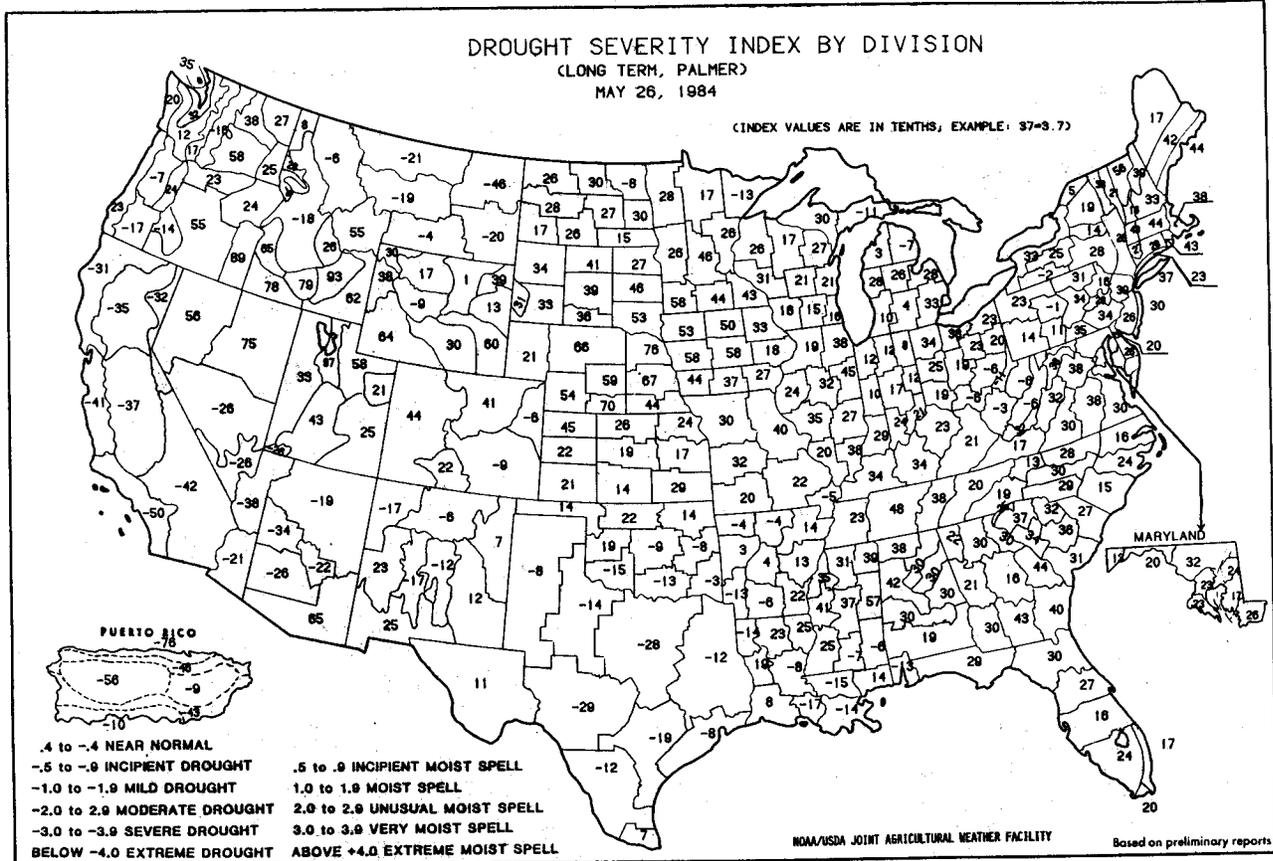
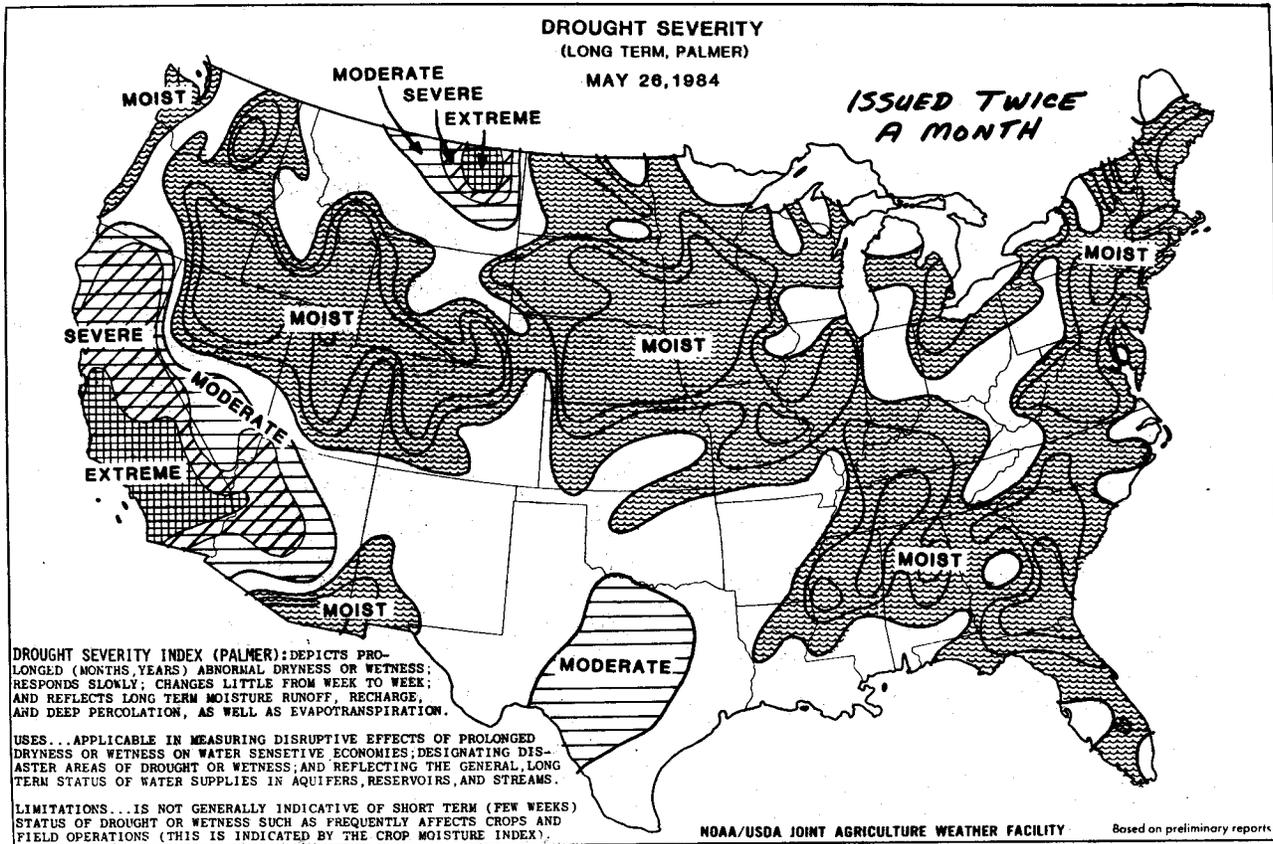
MONDAY...Strong thunderstorms, accompanied by tornadoes, rumbled from east-central Texas across the gulf coast and to northwestern Georgia. Lighter showers fell from the Mississippi Valley to the central Appalachians and heavier showers reached from eastern Nebraska to the western Great Lakes.

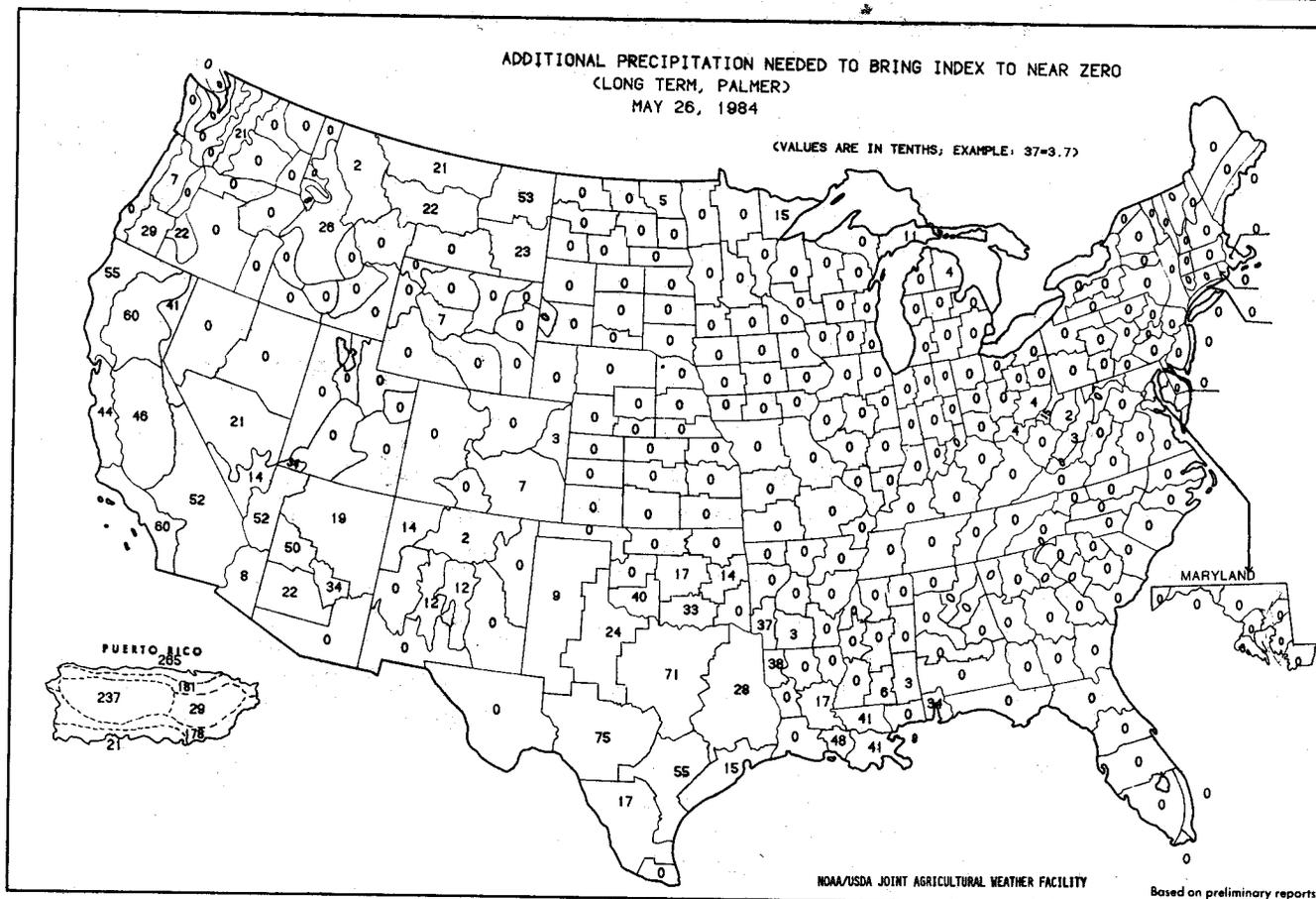
TUESDAY...Thunderstorms, with severe weather, continued along the eastern gulf coast, in Florida, and from central Georgia to western Virginia. Elsewhere, a line of thunderstorms producing heavy

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(continued from p. 20)

WASHINGTON: Another cold, wet week with temperatures below seasonal normals. Strong southwest flow upper levels pushed very active fronts across State on 19th, 22nd, and 25th. Rain showers persisted in the cool unstable air between fronts and rain fell at most west of mountains sites almost every day. Most of rain fell 19th and 22nd east of Cascades.

Spring seeding neared completion most areas. Cold weather slowed fieldwork and planting of late areas. It also continued to slow growth of most crops and pasture forage. Dryland fertilizing in progress. First cutting alfalfa nearly complete Benton County. Chelan County, cool weather delaying fruit development by about one week. Benton County, some scab sprays applied to apples and cover spray application in cherries has begun. Codling moth spraying about to begin. Spokane County, apples just coming into full bloom. Western areas, early peas emerged but growth slow. Some peas may not be planted since it's too late in season. Broccoli, carrots and cauliflower being planted. Eastern areas, fields being prepared for seedbeds and transplants. Still too cold to transplant warm season vegetables. Asparagus harvest continues. Ranges and pastures in good condition although forage growth slow. Eastern areas, livestock on spring ranges and pastures most sheep shorn. Western areas, green chopping continue as weather permitted. Winter wheat headed 9% 1984, 40% 1983, 30% average.

WEST VIRGINIA: Temperatures averaged 50 above normal except for the northeast where temperatures were 80 above normal. High of 92° reported in Martinsburg, low 35° at Green Bank. Precipitation above normal in the northwest, below normal over the rest of the State. Charles Town received the most rain 1.45 in., Lewisburg had the least 0.15 in.

Soil moisture adequate. Days suitable for fieldwork 4.4. Main activities: Planting corn,

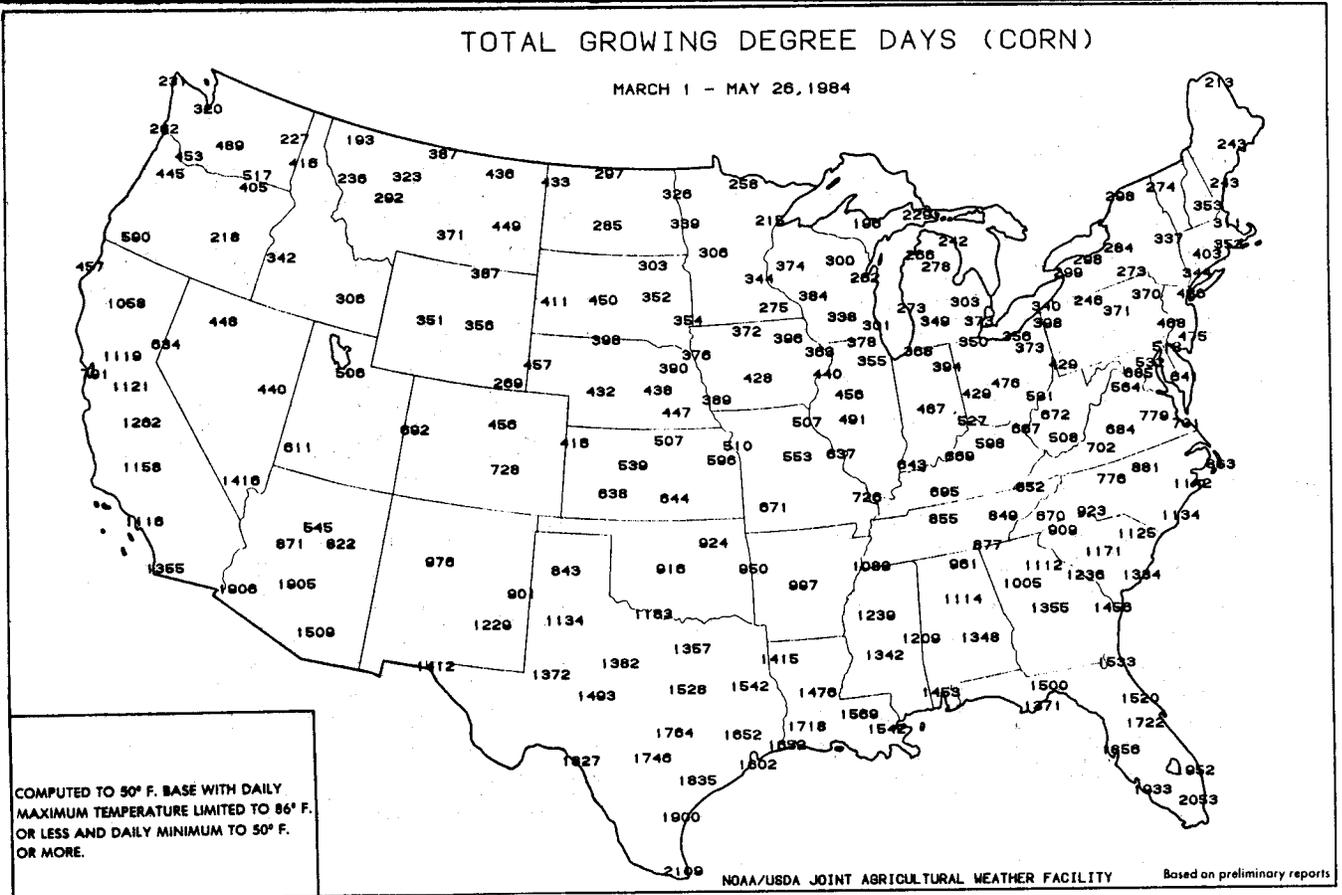
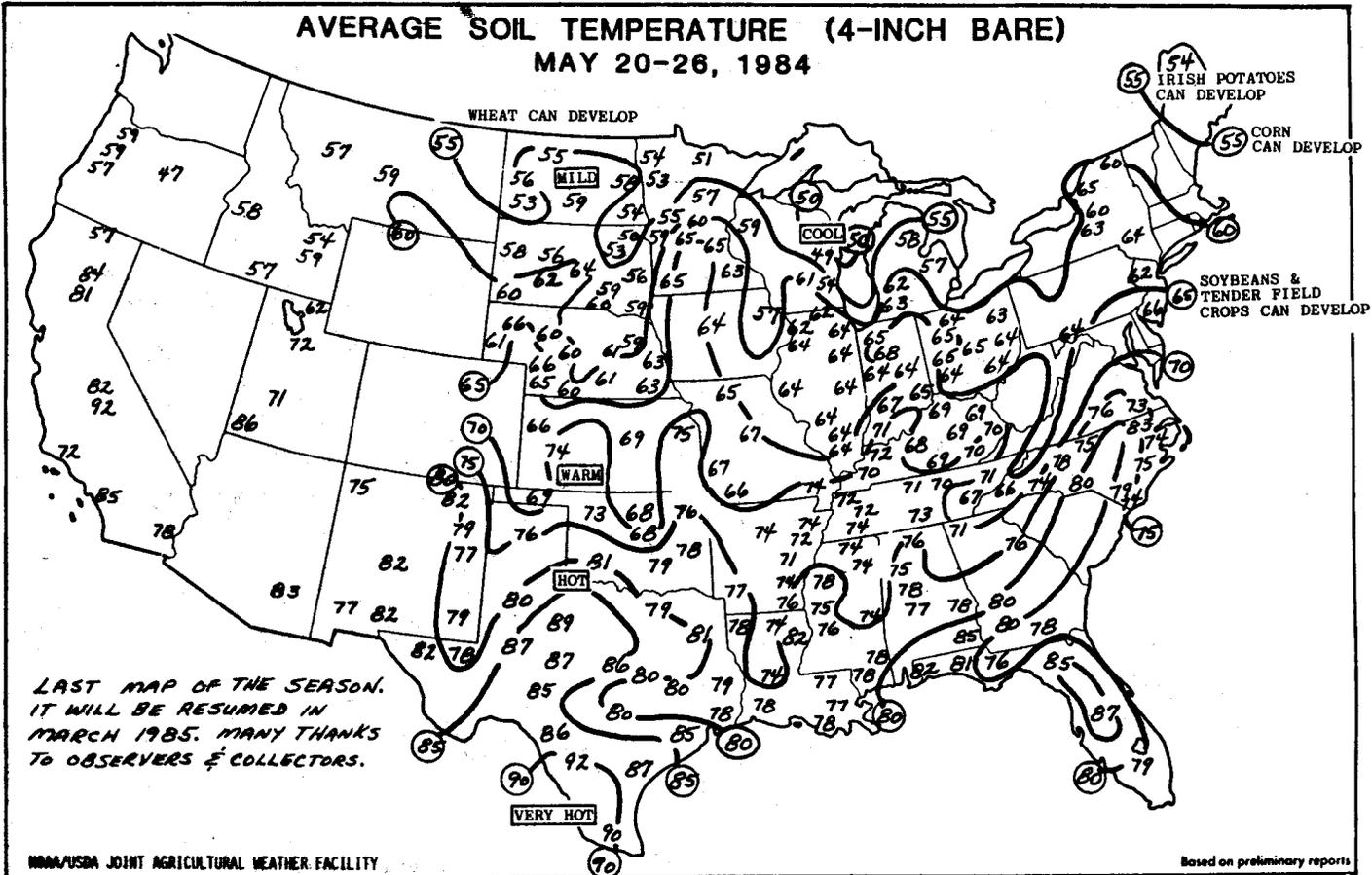
gardening and fencing. Feed supplies adequate to short.

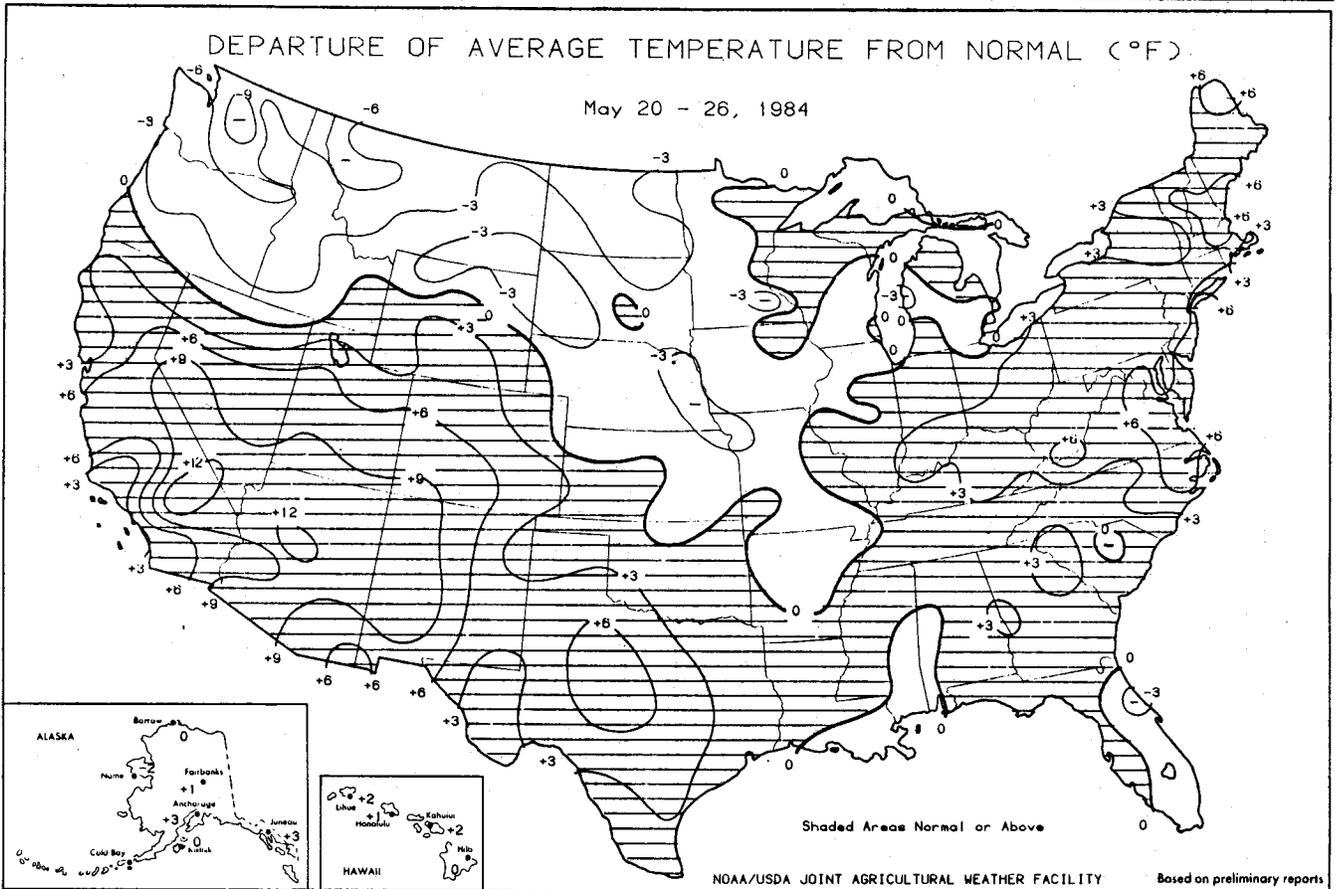
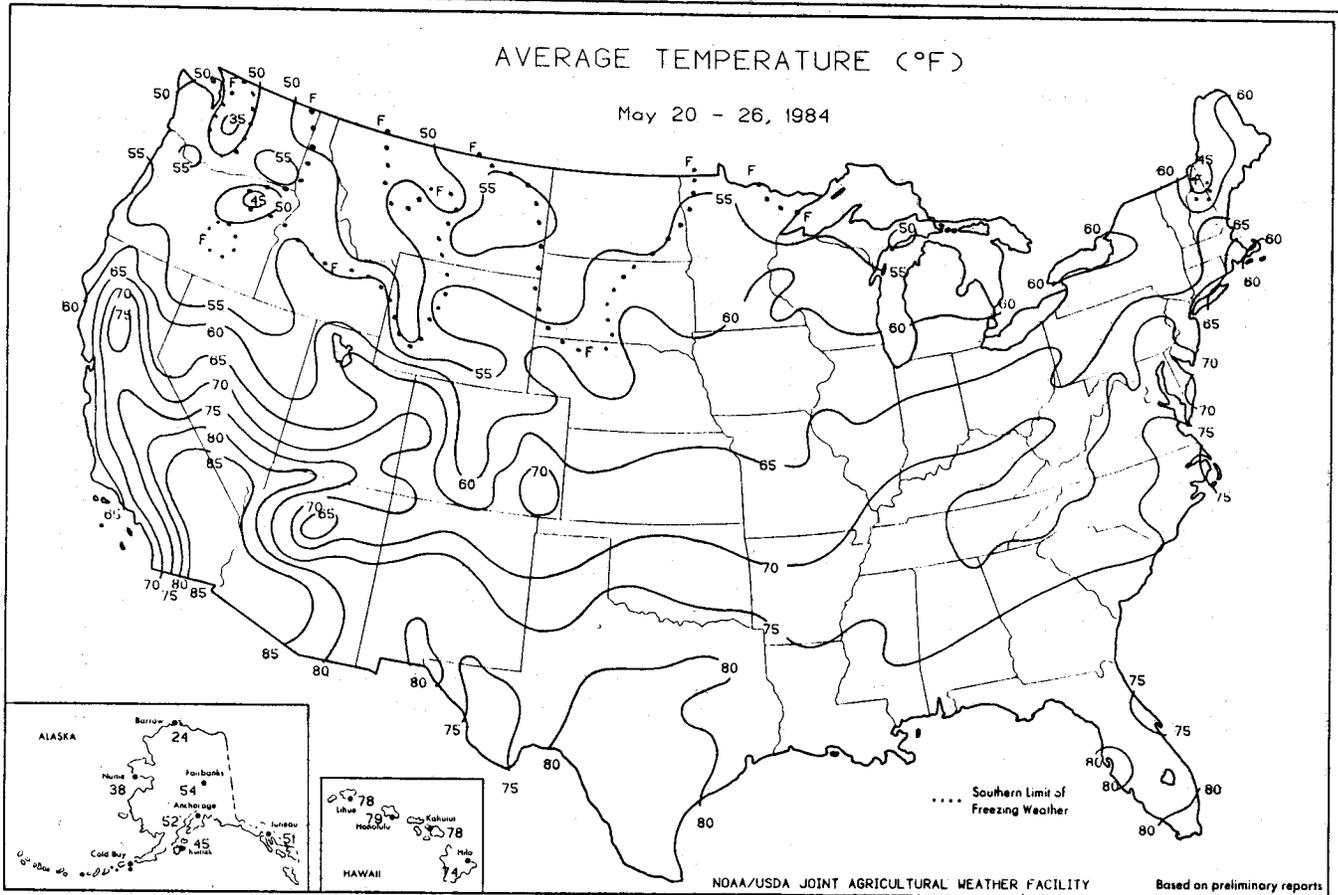
WISCONSIN: Showers and thunderstorms occurred across the State the 21st with the heaviest rains in the northwest areas. Generally rainfall amounts were between 0.50 and 1.00 in. More showers and thunderstorms developed in the north the 24th and then in the rest of the State in the evening and night, with rainfall ranging between 0.50 to 1.00 in. The showers persisted into the 25th with amounts between 0.25 and 0.50 in. More rain spread across the south late the 27th when between 0.10 to 0.50 in. fell.

There were 4.6 days suitable for fieldwork. Soil moisture was reported 5% short, 79% adequate and 16% surplus. Corn was 78% planted compared to 61% last year and an average of 81%. Oats were 98% planted compared to 90% last year and 98% average. Soybeans were 30% planted compared to 27% last year and 43% average. Fruit trees were in bloom or past bloom.

WYOMING: Warm afternoon temperatures and cool nights. Daytime readings 80's and 90's to around freezing at night. Precipitation light except eastern sections.

Topsoil moisture adequate 78% State. Subsoil moisture adequate 88% State. Days suitable for fieldwork: 5.0. Spring planting progressed rapidly. Spring wheat planted, 75%; emerged, 50%, oats planted, 80%; emerged 50%. Barley planted 85%; emerged, 75%. Sugarbeet planting complete; emerged, 75%. Corn planted, 80%; emerged, 35%. Potatoes planted, 45%; emerged, 5%. Dry beans planted, 35%; emerged, 10%. Winter wheat fair to mostly good condition. Livestock fair to good condition. Calf, lamb losses normal statewide. Ranges, pastures good condition. Ranchers busy repairing fences, branding, docking lambs, moving livestock to summer pastures.

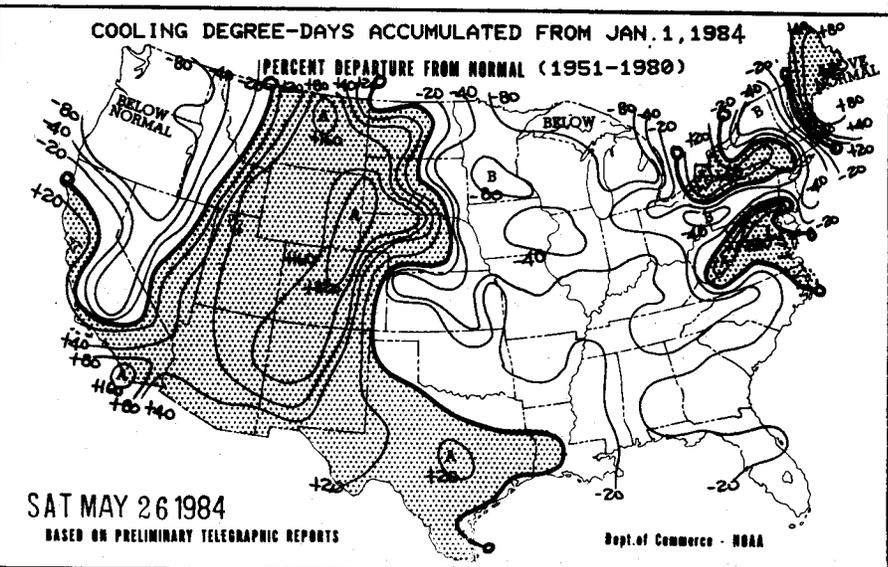
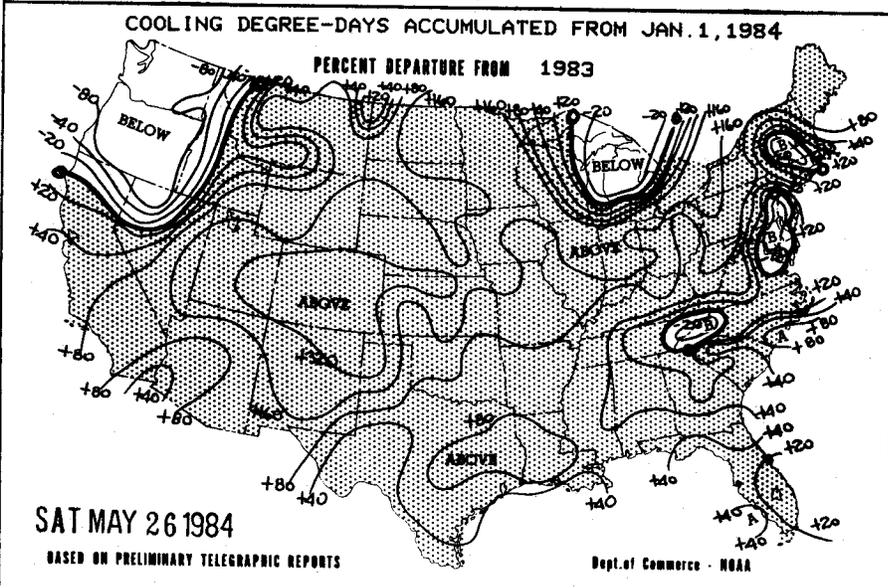
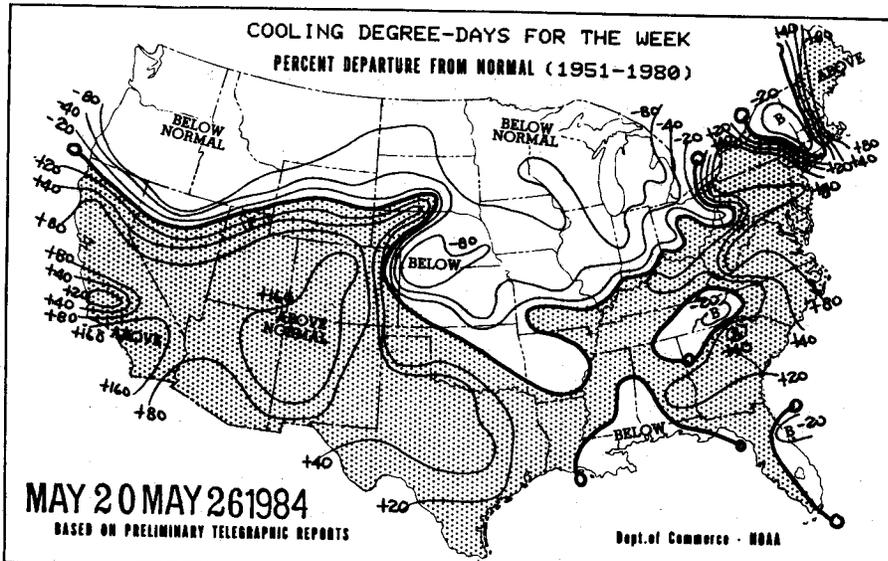




COOLING DEGREE DAY DATA WEEKLY SUMMARY
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA
ASSESSMENT AND INFORMATION SERVICES CENTER-NESDIS-NOAA

LAST DATE OF DATA COLLECTION PERIOD IS 5-26-1984
ACCUMULATIONS ARE FROM JANUARY 1
** = NORMAL LESS THAN 100 OR RATIO INCALCULABLE

Table with columns: STATE CITY, CALL WEEK, WEEK WEEK, CUM CUM, CUM CUM, CUM CUM, CUM CUM, CUM CUM, STATE CITY, CALL WEEK, WEEK WEEK, CUM CUM, CUM CUM, CUM CUM, CUM CUM, CUM CUM. Lists cities and their corresponding cooling degree day data.



Weather Data for the Week Ending MAY 28, 1984

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. 4	PCT. NORMAL SINCE MAR. 4	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
AL BIRMINGHAM	83	63	87	54	73	2	1.9	.9	1.3	16.2	108	23.4	91	90	50	0	0	4	2
MOBILE	85	68	89	62	76	0	3.6	2.4	2.6	12.2	77	23.2	89	90	56	0	0	5	2
MONTGOMERY	86	66	89	60	76	2	1.1	.2	.9	12.2	93	21.5	96	95	56	0	0	2	1
AK ANCHORAGE	59	45	67	38	52	3	.5	.3	.3	1.4	93	3.7	119	67	42	0	0	2	0
BARROW	28	19	32	13	24	0	.1	.1	.1	.5	63	.8	80	92	74	7	1	1	0
FAIRBANKS	64	43	73	39	54	1	.3	.1	.1	1.9	100	2.9	126	95	41	0	0	4	0
JUNEAU	58	44	66	37	51	3	.4	.4	.3	5.2	70	18.6	111	94	48	0	0	4	0
KODIAK	52	38	55	34	45	0	.3	1.4	.2	19.5	127	36.7	120	100	73	0	0	3	0
WOME	44	31	49	27	38	-2	.3	.1	.2	1.6	94	2.4	77	84	55	4	2	0	0
AZ PHOENIX	106	74	108	73	90	10	0	0	0	1.1	100	1.4	61	28	8	7	0	0	0
PRESCOTT	90	56	92	52	73	13	0	.1	0	.3	12	.3	5	33	12	4	0	0	0
TUCSON	101	64	106	61	83	7	0	0	0	.4	44	1.0	43	22	5	7	0	0	0
YUMA	105	72	109	71	89	8	0	0	0	.8	200	.9	69	38	17	7	0	0	0
AR FORT SMITH	81	62	89	56	72	0	1.5	.5	1.5	10.7	91	14.1	85	94	54	1	0	1	1
LITTLE ROCK	81	62	90	59	72	-1	.8	.3	.4	16.1	113	21.4	97	90	62	1	0	5	0
CA BAKERSFIELD	91	58	95	53	74	2	0	0	0	1.1	61	1.2	29	54	20	5	0	0	0
EUREKA	63	50	71	45	56	3	.2	.1	.1	9.9	113	16.0	74	91	58	0	0	5	0
FRESNO	94	61	98	58	78	8	0	0	0	.6	21	1.8	26	52	18	6	0	0	0
LOS ANGELES	71	61	74	60	66	3	0	0	0	1.3	48	1.7	20	85	62	0	0	0	0
RED BLUFF	89	61	94	57	75	5	0	.1	0	1.8	43	4.1	33	45	16	3	0	0	0
SACRAMENTO	90	54	95	51	72	6	0	0	0	1.4	41	2.9	27	76	18	4	0	0	0
SAN DIEGO	72	64	75	63	68	4	0	0	0	.6	24	1.2	19	86	67	0	0	0	0
SAN FRANCISCO	72	52	82	49	62	3	0	0	0	2.1	50	4.0	32	80	40	0	0	0	0
CO DENVER	78	48	90	45	63	4	0	.6	0	4.1	77	5.1	80	78	28	1	0	0	0
GRAND JUNCTION	88	56	92	52	72	7	0	.1	0	3.2	152	3.6	116	44	15	2	0	0	0
FUEBLO	86	52	97	46	69	5	0	.4	0	3.4	110	3.7	97	76	24	3	0	0	0
CT BRIDGEPORT	74	56	77	52	65	4	.6	.2	.6	10.4	101	16.9	100	87	52	0	0	2	1
HARTFORD	79	50	85	45	65	2	1.1	.3	.8	12.3	114	19.0	104	95	43	0	0	3	1
DC WASHINGTON	85	64	90	58	74	6	1.3	.5	.9	12.9	145	18.0	124	85	49	1	0	2	1
FL APALACHICOLA	83	68	85	61	76	-1	1	.7	0	15.3	168	24.0	144	88	67	0	0	0	0
DAYTONA BEACH	81	65	85	54	73	-3	3.1	2.2	2.3	10.7	141	15.7	115	88	64	0	0	3	2
JACKSONVILLE	86	68	89	62	77	1	.3	.9	.3	10.1	94	16.9	94	93	59	0	0	2	0
KEY WEST	86	79	87	76	82	1	0	.9	0	8.1	150	12.4	131	75	64	0	0	0	0
MIAMI	84	71	85	69	77	-2	1.7	0	.7	13.6	136	14.5	101	93	61	0	0	5	2
ORLANDO	86	67	89	62	77	-2	1.0	.1	.8	10.1	123	14.9	110	98	60	0	0	4	1
TALLAHASSEE	87	65	90	53	76	0	3.2	2.0	1.2	18.9	140	29.0	122	98	57	1	0	5	3
TAMPA	89	71	93	67	80	1	2.7	1.8	2.1	5.4	72	10.3	79	96	55	2	0	4	2
WEST PALM BEACH	84	72	86	66	78	-1	2.4	.8	2.0	13.6	125	19.5	116	93	68	0	0	5	1
GA ATLANTA	80	63	83	60	72	1	1.5	.7	1.2	17.7	136	28.5	124	95	59	0	0	2	1
AUGUSTA	87	64	89	59	76	3	3.2	2.3	2.3	18.0	168	26.3	136	91	48	0	0	2	2
MACON	86	67	89	62	77	2	1.4	.5	.7	10.0	88	19.2	91	97	55	0	0	5	1
SAVANNAH	86	68	90	63	77	2	.1	1.0	.1	10.6	101	22.7	131	88	49	1	0	1	0
HI HILO	80	67	83	64	74	0	2.2	.4	1.1	20.7	60	41.4	71	87	62	0	0	7	1
HONOLULU	86	72	89	70	79	1	.1	.2	.1	3.2	56	4.7	38	80	47	0	0	2	0
KAHULUI	86	70	90	64	78	2	.2	.1	.2	1.3	30	5.4	45	74	51	2	0	3	0
LIHUE	83	72	84	68	78	2	1	.5	.1	3.1	31	6.9	34	79	59	0	0	2	0
ID BOISE	67	45	74	39	56	-4	0	.3	0	4.2	124	5.9	95	72	29	0	0	3	0
LEWISTON	65	44	74	39	55	-6	.7	.3	.5	4.0	118	5.3	95	86	34	0	0	2	0
POCATELLO	67	47	78	40	57	1	0	.3	0	3.4	113	6.0	120	62	28	0	0	4	0
IL CHICAGO	70	51	78	44	61	-1	2.6	1.9	1.6	10.2	115	13.1	108	97	61	0	0	4	2
MOLINE	72	53	81	48	63	-1	2.2	1.2	1.8	11.6	114	13.3	99	90	54	0	0	3	1
PEORIA	73	55	79	50	64	0	2.7	1.8	1.3	13.4	135	16.3	123	92	58	0	0	4	1
QUINCY	76	57	82	52	67	1	2.9	1.9	2.4	13.4	128	15.6	115	90	52	0	0	4	1
ROCKFORD	71	51	78	44	61	-1	2.2	1.3	1.2	7.8	80	9.8	77	97	57	0	0	3	2
SPRINGFIELD	75	57	80	52	66	0	3.3	2.5	1.5	15.3	155	17.9	133	96	60	0	0	3	2
IN EVANSVILLE	80	61	86	49	71	3	.9	.1	.3	15.9	131	19.3	104	85	46	0	0	4	0
FORT WAYNE	73	54	80	44	63	0	3.2	2.5	1.8	11.0	120	13.7	101	94	61	0	0	5	2
INDIANAPOLIS	75	55	81	45	65	0	2.8	1.9	1.7	10.9	108	15.1	97	94	56	0	0	5	2
SOUTH BEND	70	54	79	48	62	0	2.3	1.7	1.0	9.7	103	12.1	85	82	53	0	0	4	3
IA DES MOINES	73	52	79	44	63	-2	2.6	1.7	1.6	12.3	141	14.2	128	88	49	0	0	3	2
SIoux CITY	73	50	80	44	61	-3	1.8	1.0	.7	12.8	191	14.3	172	89	45	0	0	4	2
WATERLOO	72	51	83	43	62	-1	2.1	1.1	1.5	9.6	103	11.0	96	92	46	0	0	3	1
KS CONCORDIA	75	53	84	47	64	-2	.7	.3	.7	11.7	163	13.1	149	97	55	0	0	2	1
DODGE CITY	82	56	95	52	69	2	0	.8	0	8.5	142	9.5	127	87	40	1	0	0	0
GOODLAND	73	49	79	45	61	-1	.3	.5	.2	6.7	140	9.0	158	90	49	0	0	2	0
TOPEKA	79	54	86	48	66	-1	.2	.8	.2	9.6	117	11.3	110	86	43	0	0	2	0
WICHITA	78	56	85	51	67	-2	0	1.0	0	11.9	157	13.9	149	90	50	0	0	1	0
KY BOWLING GREEN	80	60	86	52	70	2	1.6	.6	1.0	22.8	178	28.8	132	90	49	0	0	2	2
LEXINGTON	78	61	83	53	70	3	1.1	.1	.7	14.3	118	19.3	98	86	53	0	0	2	1
LOUISVILLE	81	61	86	52	71	4	1.6	.7	1.0	16.3	136	18.8	98	81	44	0	0	3	2
LA ALEXANDRIA	83	66	88	63	75	-2	2.0	.6											

Weather Data for the Week Ending MAY 28, 1984

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. 4	PCT. NORMAL SINCE MAR. 4	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
ME SHREVEPORT	86	65	90	58	75	1	1.0	-.1	.5	11.7	95	19.4	96	61	7	0	0	3	1
ME CARIBOU	73	47	85	38	60	7	.4	-.3	.2	7.1	99	12.5	103	84	38	0	0	4	0
ME PORTLAND	72	49	76	44	61	6	.7	-.1	.4	13.4	131	21.1	117	87	47	0	0	3	0
MD BALTIMORE	82	59	90	52	71	5	.8	0	.7	11.7	123	17.5	109	90	47	1	0	3	1
MD SALISBURY	83	59	88	51	71	6	.6	-.2	.6	13.9	140	20.4	119	100	54	0	0	2	1
MA BOSTON	79	56	89	53	68	7	.7	0	.5	13.5	130	24.6	132	94	48	0	0	4	0
MA CHATHAM	65	52	72	49	59	4	.6	-.2	.3	15.3	143	23.1	116	111	111	0	0	4	0
MI ALPENA	66	44	72	32	55	0	1.3	-.6	.6	6.6	96	8.3	81	95	53	0	0	4	0
MI DETROIT	72	49	81	42	61	0	2.2	1.5	1.5	9.1	112	11.3	94	89	50	0	1	4	1
MI FLINT	70	48	76	41	59	0	2.1	1.4	1.1	8.7	119	9.8	92	98	56	0	0	3	2
MI GRAND RAPIDS	66	49	77	42	58	1	1.7	1.0	1.0	7.9	93	9.9	82	99	62	0	0	4	2
MI HOUGHTON LAKE	72	49	79	41	60	0	1.5	-.9	.8	5.4	82	7.9	82	92	51	0	0	3	2
MI LANSING	65	42	76	32	54	0	2.2	1.6	1.4	8.3	117	9.6	90	96	58	0	0	2	2
MI MARQUETTE	67	46	78	38	57	-2	2.9	2.3	1.7	8.3	105	10.9	89	90	60	0	1	2	0
MI MUSKEGON	67	46	78	38	57	-2	2.9	2.3	1.7	8.3	105	10.9	89	90	60	0	0	4	2
MI SAULT STE. MARIE	62	40	72	31	51	-1	.5	-.2	.2	4.8	74	8.4	78	98	57	0	1	3	0
MN ALEXANDRIA	68	45	82	38	57	-2	.3	-.5	.3	6.4	107	8.0	105	88	32	0	0	1	0
MN DULUTH	63	43	73	36	53	0	.7	-.1	.6	4.9	73	6.3	70	85	35	0	0	3	1
MN INT'L FALLS	64	41	70	33	52	-2	.1	-.5	.1	2.8	61	3.8	60	88	41	0	0	3	0
MN MINNEAPOLIS	70	51	78	42	61	-1	.3	-.5	.2	7.4	117	9.8	123	80	35	0	0	4	0
MN ROCHESTER	67	47	76	40	57	-2	1.4	-.5	.5	7.4	107	9.6	112	88	43	0	0	4	0
MS GREENWOOD	85	66	90	58	75	1	.4	-.7	.2	15.5	100	23.4	90	86	51	2	0	4	0
MS JACKSON	85	66	91	62	75	1	1.6	-.6	1.3	13.3	86	20.9	81	98	59	2	0	3	1
MS MERIDIAN	82	62	88	57	72	-2	2.0	1.1	1.6	14.6	97	22.3	88	96	56	0	0	3	1
MO CAPE GIRARDEAU	79	62	90	53	71	-1	.9	-.2	.3	11.8	91	17.0	88	97	55	1	0	4	0
MO COLUMBIA	76	55	80	50	65	-1	.4	-.6	.3	14.7	137	18.4	124	98	60	0	0	3	0
MO KANSAS CITY	75	53	84	45	64	-3	.9	-.1	.8	12.9	140	15.0	130	88	51	0	0	2	1
MO SAINT LOUIS	79	59	84	52	69	1	2.6	1.7	1.4	15.9	164	20.0	141	99	53	0	0	4	2
MO SPRINGFIELD	79	59	88	53	69	2	.1	-.9	.1	11.0	100	15.9	105	90	51	0	0	4	0
MT BILLINGS	67	44	86	35	56	-1	.3	-.2	.2	2.7	54	4.4	67	71	24	0	0	4	0
MT GLASGOW	67	43	77	37	55	-2	.1	-.4	.1	1.6	59	2.7	63	64	22	0	0	2	0
MT GREAT FALLS	61	39	67	33	50	-6	.5	-.1	.3	3.3	75	4.8	75	73	28	0	0	2	0
MT HAVRE	65	40	69	35	53	-5	.1	-.4	.1	.7	23	2.2	56	70	24	0	0	1	0
MT HELENA	61	41	67	34	51	-4	.1	-.4	.1	2.8	93	3.2	76	61	27	0	0	1	0
MT KALISPELL	57	38	64	29	48	-6	.4	-.1	.3	4.3	126	5.8	92	89	37	0	1	4	0
MT MILES CITY	68	44	86	35	56	-4	.3	-.3	.3	1.9	48	2.0	41	81	27	0	0	1	0
MT MISSOULA	57	37	65	29	47	-7	.6	-.1	.2	5.2	153	6.4	112	90	39	0	3	5	0
NE GRAND ISLAND	73	52	82	48	63	-1	.7	-.2	.3	15.8	211	18.2	204	82	43	0	0	4	0
NE LINCOLN	73	51	80	45	62	-3	2.4	1.5	1.3	17.6	217	19.4	196	96	54	0	0	4	2
NE NORFOLK	74	49	81	43	61	-2	1.4	-.5	.7	13.2	200	16.4	202	86	36	0	0	3	1
NE NORTH PLATTE	73	45	83	39	59	-2	.5	-.4	.4	8.2	141	9.6	139	76	38	0	0	5	0
NE OMAHA	72	52	80	48	62	-2	1.5	-.5	.7	13.2	163	14.4	143	92	51	0	0	4	1
NE SCOTTSBLUFF	76	46	91	41	61	1	.4	-.3	.3	6.7	143	7.6	136	75	25	1	0	2	0
NE VALENTINE	73	42	89	31	58	-2	1.5	-.8	.6	6.2	122	6.7	114	71	30	0	1	4	1
NV ELY	80	40	88	35	60	8	0	-.2	0	2.2	81	3.0	70	68	20	0	0	0	0
NV LAS VEGAS	102	73	106	67	87	12	0	0	0	0	0	0	0	19	7	7	0	0	0
NV RENO	81	46	84	41	64	7	0	-.2	.6	35	1.2	29	63	17	0	0	0	0	0
NV WINNEMUCCA	77	40	80	35	59	1	.1	-.2	.1	4.1	228	5.1	138	73	19	0	0	0	0
NH CONCORD	80	49	88	43	65	7	1.0	-.4	.6	10.5	131	17.5	129	93	37	0	0	3	1
NJ ATLANTIC CITY	80	60	86	52	70	7	1.0	-.3	.6	12.8	132	18.8	111	89	44	0	0	4	1
NM ALBUQUERQUE	93	59	96	54	76	9	.2	-.1	.2	1.3	118	1.6	80	54	9	7	0	1	0
NM CLOVIS	82	59	91	53	70	3	.1	-.5	.1	4.5	145	4.9	120	74	38	1	0	1	0
NM ROSWELL	90	64	97	57	77	4	.1	-.2	.1	2.5	208	2.5	132	74	27	4	0	1	0
NY ALBANY	77	47	84	43	62	2	.6	-.1	.5	11.1	134	15.4	115	94	52	0	0	3	0
NY BINGHAMTON	74	52	85	46	63	5	.8	-.1	.4	11.1	128	16.1	114	85	47	0	0	4	0
NY BUFFALO	74	53	84	47	64	5	1.0	-.4	.9	7.9	98	13.1	95	89	52	0	0	2	1
NY NEW YORK	79	60	88	56	70	5	1.3	-.6	.6	13.6	131	19.4	113	90	52	0	0	3	1
NY ROCHESTER	75	51	87	45	63	3	1.3	-.7	1.2	9.3	131	14.4	120	88	51	0	0	3	1
NY SYRACUSE	74	50	83	45	62	2	1.0	-.2	.8	8.5	94	13.2	90	92	52	0	0	4	1
NC ASHEVILLE	80	50	82	43	65	0	.3	-.7	.2	13.4	113	22.2	113	100	53	0	0	3	0
NC CHARLOTTE	83	61	87	56	72	2	.8	0	.8	14.1	133	24.0	128	83	43	0	0	2	1
NC GREENSBORO	83	58	87	51	70	2	1.6	-.8	1.2	11.8	123	20.6	120	85	46	0	0	2	1
NC HATTERAS	79	67	82	61	73	4	.5	-.5	.2	10.5	103	17.2	88	91	67	0	0	3	0
NC NEW BERN	87	68	90	65	78	7	.4	-.7	.3	14.2	145	22.7	123	81	49	1	0	3	0
NC RALEIGH	83	59	89	51	71	2	.4	-.5	.4	11.4	120	21.9	129	90	49	0	0	1	0
NC WILMINGTON	84	67	87	63	75	3	.4	-.7	.3	10.6	103	18.1	101	92	56	0	0	2	0
ND BISMARCK	66	39	82	25	52	-5	.2	-.4	.2	5.5	138	6.2	129	79	32	0	1	2	0
ND FARGO	69	42	84	33	56	-3	.3	-.2	.3	3.4	74	5.3	93	75	30	0	0	1	0
ND GRAND FORKS	70	40	83	29	55	-2	.4	-.1	.3	3.4	89	4.5	90	83	29	0	1	2	0
ND WILLISTON	65	38	84	31	52	-5	.1	-.3	.1	2.7	84	3.6	84	75	27	0	2	3	0
OH AKRON-CANTON	74	54	82	47	64	3	1.3	-.5	.9	10.5	113	14.5	101	89	54	0	0	4	1
OH CINCINNATI	79	58	83	47	68	3	1.9	1.1	.9	12.4	120	15.6	93	87	47	0	0	4	2
OH CLEVELAND	73	53	82	44	63	2	1.9	1.2	1.4	11.0	125	16.2	115	89	52	0	0	5	1
OH COLUMBUS	78	56	84	45	67	3	2.5	1.6	1.5	10.9	112	13.9	93	86	42	0	0	5	2

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending MAY 28, 1984

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. 4	PCT. NORMAL SINCE MAR. 4	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	
DAYTON	76	56	80	47	66	1	2.4	1.6	1.8	11.0	116	14.9	102	86	44	0	0	6	1	
TOLEDO	71	50	80	42	60	-1	2.2	1.5	1.0	11.2	140	13.4	110	96	59	0	0	6	2	
YOUNGSTOWN	73	54	83	44	64	4	1.5	.8	.8	9.8	107	13.4	92	89	54	0	0	4	2	
OK OKLAHOMA CITY	80	61	92	58	71	0	.1	-1.2	.1	7.2	77	8.8	73	84	51	1	0	1	0	
TULSA	80	62	92	59	71	0	1.4	.2	1.4	12.1	105	15.4	104	93	59	1	0	1	1	
OR ASTORIA	57	43	59	40	50	-3	1.1	.5	.5	15.9	121	31.2	93	92	67	0	0	7	1	
BURNS	62	41	73	31	51	-3	.2	0	.2	3.6	240	4.6	200	73	37	0	1	2	0	
MEDFORD	73	47	78	42	60	1	.1	-.2	.1	3.4	89	6.1	64	82	32	0	0	2	0	
PENDLETON	63	44	68	41	53	-7	.6	-.4	.4	4.6	164	7.0	119	89	34	0	0	4	0	
PORTLAND	62	48	68	44	55	-3	1.4	-.9	.8	9.8	134	15.8	88	87	54	0	0	5	2	
SALEM	61	41	66	37	51	-5	1.0	.6	.5	11.3	149	19.0	96	98	60	0	0	3	0	
PA ALLENTOWN	81	55	87	50	68	5	2.7	1.9	1.9	15.2	142	20.4	116	92	47	0	0	3	2	
ERIE	74	52	86	45	63	5	1.4	.6	.8	9.8	105	13.8	96	88	57	0	0	4	1	
HARRISBURG	79	57	89	53	68	4	.3	-.5	.3	11.7	126	17.8	115	--	--	0	0	1	0	
PHILADELPHIA	80	56	87	50	68	3	.7	0	.5	12.9	132	17.8	109	90	48	0	0	3	0	
PITTSBURGH	76	54	83	45	65	3	1.5	.7	.4	10.1	105	13.6	89	84	47	0	0	5	0	
SCRANTON	78	55	86	51	66	5	1.0	.3	.5	10.5	130	14.7	114	82	46	0	0	3	0	
RI PROVIDENCE	75	54	79	49	65	5	.4	-.4	.1	12.3	113	21.9	113	93	52	0	0	4	0	
SC CHARLESTON	84	68	87	63	76	2	.1	-1.0	.1	16.0	157	24.6	141	93	56	0	0	1	0	
COLUMBIA	89	64	92	58	76	3	1.4	.5	1.4	12.3	108	21.3	103	92	43	4	0	1	1	
FLORENCE	85	63	89	61	74	1	.6	-.2	.6	13.7	146	21.0	125	90	49	0	0	1	1	
GREENVILLE	86	63	89	57	75	4	2.0	1.0	1.8	17.7	133	27.9	122	84	47	0	0	3	1	
SD ABERDEEN	67	43	81	35	55	-.5	.1	-.5	.1	5.2	102	6.6	105	85	38	0	0	1	0	
HURON	71	43	83	35	57	-3	.1	-.6	.1	4.9	92	6.5	98	97	42	0	0	2	0	
RAPID CITY	66	40	87	30	53	-5	.8	-.1	.3	5.1	98	5.5	87	82	39	0	1	4	0	
STIOUX FALLS	73	45	82	36	59	-2	.2	-.6	.2	8.5	133	10.3	132	88	36	0	0	4	0	
TN CHATTANOOGA	81	59	85	52	70	0	1.0	.1	.6	15.5	114	23.8	98	96	55	0	0	3	1	
KNOXVILLE	81	57	85	48	69	0	.4	-.5	.3	16.8	141	23.6	110	97	57	0	0	3	0	
MEMPHIS	82	65	90	57	73	0	1.6	.6	1.0	19.3	129	25.7	104	87	54	1	0	3	1	
NASHVILLE	82	61	87	52	72	1	.8	-.2	.7	22.9	172	27.1	119	90	50	0	0	3	1	
TX ABILENE	93	67	100	55	80	6	T	-.7	T	1.0	16	2.5	30	77	29	5	0	0	0	
AMARILLO	85	56	96	47	70	2	0	-.7	0	2.1	50	3.1	60	75	28	2	0	0	0	
AUSTIN	92	71	95	65	82	5	T	-.9	T	3.7	46	6.4	51	85	39	6	0	0	0	
BEAUMONT	84	71	86	68	77	0	1.3	.3	1.2	13.3	129	23.6	128	100	77	0	0	2	1	
BROWNSVILLE	90	74	93	69	82	2	.5	-.1	.5	6.3	162	11.6	171	94	56	5	0	1	0	
CORPUS CHRISTI	89	71	94	68	80	1	T	-.7	T	2.5	46	8.9	100	95	56	2	0	0	0	
DEL RIO	94	72	99	68	83	4	T	-.4	T	1.7	41	4.0	73	80	32	6	0	0	0	
EL PASO	97	65	100	57	81	7	T	-.1	T	.9	113	1.2	75	51	11	7	0	1	0	
FORT WORTH	88	70	94	65	79	3	T	-.9	T	8.4	89	12.5	95	91	49	4	0	1	0	
GALVESTON	83	74	86	73	79	1	.1	-.7	.1	6.0	81	10.2	79	95	73	0	0	1	0	
HOUSTON	87	69	88	65	78	2	.1	-1.0	.1	6.1	56	14.3	81	87	54	0	0	1	0	
LUBBOCK	90	61	95	54	76	5	.2	-.4	.2	.9	22	1.0	20	78	32	5	0	1	0	
MIDLAND	92	65	98	56	78	4	.3	-.2	.3	3.3	110	3.9	95	76	28	5	0	2	0	
SAN ANGELO	96	67	107	55	82	6	0	-.6	0	1.2	25	4.2	67	80	27	6	0	0	0	
SAN ANTONIO	92	71	95	65	82	4	T	-.8	T	5.2	71	7.5	69	84	39	7	0	0	0	
VICTORIA	89	73	91	71	81	3	T	-1.1	T	5.9	77	10.4	85	92	55	1	0	0	0	
WACO	91	70	96	62	81	5	.9	-.1	.8	6.3	65	8.1	59	87	47	5	0	2	1	
WICHITA FALLS	90	65	100	59	78	4	0	-1.0	0	3.2	37	4.2	38	79	36	4	0	0	0	
UT BLANDING	85	52	87	46	68	8	0	.1	0	1.4	82	2.1	49	48	20	0	0	0	0	
CEDAR CITY	87	50	92	44	69	10	0	-.1	0	2.9	112	4.4	100	51	13	2	0	0	0	
SALT LAKE CITY	77	54	87	48	66	4	T	-.3	T	6.8	133	8.2	104	65	25	0	0	0	0	
VT BURLINGTON	74	51	81	46	63	5	.9	-.2	.6	9.6	130	13.4	119	86	44	0	0	3	1	
VA NORFOLK	86	64	91	54	75	6	.7	-.1	.7	14.5	153	22.1	129	70	34	3	0	2	1	
RICHMOND	88	61	94	54	75	7	.4	-.4	.3	15.9	175	24.0	150	90	40	4	0	2	0	
ROANOKE	84	58	89	51	71	5	.9	-.1	.6	12.1	126	18.4	114	90	44	0	0	2	1	
WA COLVILLE	59	38	62	33	49	-8	1.1	.7	.5	7.4	218	10.4	144	86	53	0	0	4	0	
QUILLAYUTE	56	42	60	37	49	-3	2.9	2.0	1.6	27.5	131	61.1	122	99	66	0	0	6	2	
SEATTLE-TACOMA	58	45	62	41	52	-5	.8	.5	.7	10.0	149	17.5	101	91	53	0	0	2	1	
SPOKANE	60	39	65	34	50	-7	.6	-.2	.3	5.0	156	7.5	101	92	39	0	0	2	0	
YAKIMA	64	38	70	31	51	-8	.2	-.1	.1	2.6	200	3.6	100	75	34	0	1	2	0	
WV BECKLEY	78	54	81	43	66	4	.6	-.4	.5	9.5	89	15.1	83	89	47	0	0	2	1	
CHARLESTON	83	57	89	48	70	4	.8	0	.6	10.3	100	14.5	83	81	39	0	0	3	1	
HUNTINGTON	81	59	86	51	70	3	.6	-.3	.5	10.6	98	14.4	84	80	44	0	0	2	0	
PARKERSBURG	79	59	84	48	69	4	.7	-.4	.4	9.6	90	12.3	67	89	41	0	0	2	0	
WI GREEN BAY	66	47	74	42	57	-1	.7	0	.4	6.9	95	9.0	94	91	52	0	0	3	0	
LA CROSSE	72	52	81	45	62	0	.8	0	.4	8.1	103	9.1	92	86	35	0	0	4	0	
MADISON	70	48	77	40	59	0	1.3	.5	1.2	7.7	96	9.3	90	87	49	0	0	3	1	
MILWAUKEE	70	50	77	44	60	2	1.7	1.1	1.2	9.6	120	11.7	104	83	51	0	0	3	1	
WAUSAU	68	48	79	41	58	0	.8	-.1	.5	7.2	91	9.1	93	90	39	0	0	4	1	
WY CASPER	71	41	84	34	56	1	.9	-.4	.5	5.2	118	7.0	125	95	31	0	0	4	1	
CHEYENNE	69	42	82	40	56	1	.3	-.3	.2	6.0	136	7.4	132	87	32	0	0	2	0	
LANDER	73	43	85	38	58	3	.1	-.5	.1	4.5	79	6.8	100	65	23	0	0	1	0	
SHERIDAN	66	39	84	33	53	-3	.5	-.1	.2	4.8	94	6.6	99	87	36	0	0	1	0	
PR SAN JUAN	87	74	90	72	81	0	1.0	-.4	.4	2.7	25	7.9	49	86	57	2	0	7	0	

BASED ON PRELIMINARY REPORTS AND 1951-60 NORMALS

National Agricultural Summary

May 21 to 27

HIGHLIGHTS: Fieldwork was slowed by persistent showers across much of the eastern half of the Nation, however, planting made good progress. Hot, dry weather continued to stress dryland crops and ranges from California to central Texas. Farmers in the east had 3 to 5 days available for fieldwork, while in the West up to 6 days were suitable. Moderate to heavy rainfall resulted in adequate to surplus soil moisture supplies in all regions, except portions of eastern Montana, and from California to central Texas where supplies were very short.

Corn planting advanced to 81% completion, 2 points behind average. Soybean planting reached 34% completion, 10 points behind schedule. Sorghum producers had planted 37% of their acreage by May 27, compared with the average of 45%. Cotton planting reached the 70% mark, 5 points behind schedule. Rice seeding advanced to 74% completion, compared with 59% last year and the 77% average. Spring wheat seeding climbed to 96% completion, 8 points ahead of the normal pace; plants had emerged on 75% of the acreage. Winter wheat was in mostly fair to good condition; 49% was headed. Warm, wet weather benefited vegetable crop development across much of the eastern half of the Nation. Planting and harvesting was slowed by widespread showers. Peach picking was active in the extreme South. Pastures and livestock continued in fair to mostly good condition, except from California to Texas where ranges provided limited feed.

SMALL GRAINS: Winter wheat was in mostly fair to good condition across the Great Plains. Heavy rains at the week's end caused some lodging of fields in portions of eastern Oklahoma and Kansas. In the 15 major producing States, 49% of the acreage was headed, behind last year's 52% and the 63% average. Heading was underway in all States, except Montana where heading usually starts at a later date. Harvesting gained momentum from Texas to Georgia. Harvesting moved into the Low Plains of Texas as progress statewide reached 14% completion, 11 points ahead of normal.

Spring wheat seeding in the five major producing States jumped to 96% completion, surpassing last year's 93% and the 88% average. Stands had emerged on 75% of the total intended acreage. Stands were in mostly fair to good condition. Soil moisture supplies were short in portions of Montana, North Dakota, and South Dakota.

CORN: Corn planting was 81% complete in the 17 major producing States; ahead of last year's 76% but 2 points behind normal. Widespread showers across the eastern half of the Nation added to ample soil moisture in some regions, and kept producers out of poorly drained fields. However, planting in most States made good progress. Planting was 19 percentage points behind average in Pennsylvania, 15 in Ohio, and 10 in South Dakota. Producers in Georgia had nearly completed planting. Emerged fields were in fair to good condition. Silking was underway in early planted fields across the South.

SOYBEANS: Soybean planting in the 18 major producing States doubled from the previous week to 34% finished. This compares with 29% last year and the average of 44%. Progress was behind schedule in all States except Arkansas, Kansas, Louisiana, Minnesota, and Mississippi. Emerged plants were in fair to good condition.

SORGHUM: Sorghum planting reached 37% completion in the seven major producing States, equal to last year but 8 points behind normal. Progress was 20 percentage points behind average in Nebraska, 11 points behind in Colorado, and 10 points behind in Kansas and Oklahoma. Missouri was the only State ahead of schedule in crop planting.

COTTON: In the 14 major cotton producing States, 70% of the acreage was planted, compared with last year's 67% and the average of 75%. Texas producers had planted 51% of their crop, lagging the average of 61%. Producers in Arizona and California had completed planting, and producers in Alabama, Mississippi, and North Carolina were 97% finished. Early planted fields began squaring in the South, reaching 2% in Georgia and 8% in Texas.

OTHER CROPS: Rice seeding in the five major producing States was 91% finished, compared with 75% last year and the 89% average. Arkansas was the only State lagging normal. Rice had emerged on 74% of the acreage, behind the average of 77% for this date. Stands were in fair to good condition.

Peanut planting progress ranged from 31% finished in Texas to 99% complete in Virginia. Early planted fields began blooming in Georgia. The crop was rated fair to mostly good.

Tobacco transplanting progressed rapidly, despite frequent showers late in the week. Supplies of healthy plants were ample in most areas. Hay harvesting moved northward. Warm temperatures and showers caused rapid growth of hay but provided poor curing conditions. First cuttings trailed the average pace in most producing regions.

FRUITS AND NUTS: Peach picking reached 7% finished in Georgia, while harvesting of early varieties was just beginning in Texas. Northern apple orchards were mostly in full bloom to the petal-fall stage.

Florida's citrus producers discontinued irrigation after receiving some good rains. New fruit was progressing well. Orange harvesting was active but grapefruit supplies were low.

Texas producers finished pruning citrus trees. Peaches were ripening rapidly. The pecan set was fair to good. Growers continued spraying for casebearers.

Peach and nectarine picking neared completion in Arizona. Grapefruit was harvested to fill orders.

Hot weather increased fruit maturity in California. Producers actively harvested apricots, avocados, cherries, table grapes, nectarines, freestone peaches, plums, grapefruit, and Valencia oranges.

VEGETABLES: Warm, wet weather benefited vegetable crop development across the East, but planting and harvesting was slowed in many areas.

Florida's vegetable shipments declined 7% from the previous week. Only sweet corn and watermelons gained in volume. Watermelon harvesting was active in the south and gained momentum in the central region.

Heavy rainfall caused some damage to vegetables in East Texas, but benefited crops elsewhere in the eastern half of the State. Growers increased harvesting of melon crops.

Hot, dry weather in California allowed continued harvesting of a wide variety of vegetables. Diversion of strawberries to processors increased.

(continued on back cover)

CROP PROGRESS

FOR WEEK ENDING MAY 27

SOYBEANS % PLANTED			COTTON % PLANTED			WINTER WHEAT % HEADED			CORN % PLANTED						
	1984	1983 AVG.		1984	1983 AVG.		1984	1983 AVG.		1984	1983 AVG.				
ALA	26	30	48	ALA	97	97	97	CALIF	100	99	99	COLO	87	80	84
ARK	26	12	19	ARIZ	100	100	99	COLO	5	10	23	GA	99	100	100
GA	38	43	52	ARK	96	89	95	IDAHO	0	1	4	ILL	85	81	90
ILL	40	37	56	CALIF	100	100	100	ILL	44	68	77	IND	80	65	75
IND	35	25	45	GA	87	93	93	IND	25	45	65	IOWA	90	91	90
IOWA	42	49	55	LA	91	76	87	KANS	55	50	75	KANS	80	80	80
KANS	20	10	20	MISS	97	91	95	MO	60	59	72	KY	68	32	70
KY	10	2	24	MO	96	72	89	MONT	0	0	0	MICH	85	65	80
LA	44	15	37	N MEX	85	72	87	NEBR	2	3	30	MINN	89	80	84
MICH	25	15	41	N C	97	84	97	OHIO	10	10	20	MO	70	73	77
MINN	59	45	57	OKLA	15	20	30	OKLA	95	90	97	NEBR	80	90	80
MISS	35	18	33	S C	94	100	100	OREG	26	66	40	N C	96	96	98
MO	23	18	32	TENN	90	68	89	S DAK	5	2	19	OHIO	65	60	80
NEBR	15	40	40	TEX	51	50	61	TEX	86	91	92	PA	52	52	71
N C	37	49	49					WASH	9	40	30	S DAK	64	59	74
OHIO	25	20	50	14 STATES	70	67	75	15 STATES	49	52	63	VA	87	86	89
S C	25	33	46									WIS	78	61	81
TENN	23	4	31									17 STATES	81	76	83
18 STATES	34	29	44												

THESE 18 STATES PRODUCED 93% OF THE 1983 SOYBEAN CROP.

THESE 14 STATES PRODUCED 99% OF THE 1983 COTTON CROP.

THESE 15 STATES PRODUCED 84% OF THE 1983 WINTER WHEAT CROP.

THESE 17 STATES PRODUCED 90% OF THE 1983 CORN CROP.

RICE % EMERGED			RICE % PLANTED			SORGHUM % PLANTED			SPRING WHEAT % PLANTED			SPRING WHEAT % EMERGED							
	1984	1983 AVG.		1984	1983 AVG.		1984	1983 AVG.		1984	1983 AVG.		1984	1983 AVG.					
ARK	65	55	76	ARK	86	75	87	COLO	22	44	33	IDAHO	92	93	99	IDAHO	74	81	92
CALIF	60	10	52	CALIF	90	35	81	KANS	10	5	20	MINN	98	95	91	MINN	84	74	75
LA	90	82	90	LA	96	86	93	NEBR	15	30	35	MONT	95	95	90	MONT	75	80	60
MISS	75	61	74	MISS	92	86	91	OKLA	25	25	35	N D	96	89	82	N D	67	56	55
TEX	96	94	94	TEX	100	100	99	S DAK	19	15	27	S DAK	98	98	99	S DAK	87	92	95
5 STATES	74	59	77	5 STATES	91	75	89	7 STATES	37	37	45	5 STATES	96	93	88	5 STATES	75	70	67

THESE 5 STATES PRODUCED 98% OF THE 1983 RICE CROP.

THESE 5 STATES PRODUCED 98% OF THE 1983 RICE CROP.

THESE 7 STATES PRODUCED 85% OF THE 1983 SORGHUM CROP.

THESE 5 STATES PRODUCED 94% OF THE 1983 SPRING WHEAT CROP.

THESE 5 STATES PRODUCED 94% OF THE 1983 SPRING WHEAT CROP.

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: Rainfall 3.00 to 4.00 in. extreme south, elsewhere 1.00 to 2.00 in. Temperatures 20 below normal.

Soil moisture short to adequate extreme south, adequate to surplus over remainder. Fieldwork: 4.5 days. Corn planted virtually complete. Soybeans planted 26%, 30% 1983, 48% average. Cotton planted 97%, 97% 1983, 97% average. Peanuts planted 89%, 96% 1983. Sorghum planted 44%, 42% 1983, 43% average. Wheat turning color 75%, 49% 1983. Wheat harvest 8%. Hay first cutting 28%. Activities: Routine care of livestock and poultry; planting corn, cotton, soybeans, peanuts, and sorghum; seed bed preparation; cultivation of corn and cotton; and harvest of wheat, hay, and fruit. Conditions: Cotton mostly fair; corn, peanuts, wheat, pasture, and livestock mostly good.

ALASKA: No report available.

ARIZONA: Sunny, hot, dry weather prevailed past week, no precipitation. Number of localities set new record high temperatures. Maximum temperatures ranged upper 80's 7,000 ft. level, 90's central basins, 105 to 115° lower deserts. Average temperatures 6 to 14° above seasonal normals.

Barley harvest full swing central and west, wheat harvest well underway and increasing. Barley growers Maricopa County combined over half acreage, some excellent yields reported.

Nearly 15% Maricopa County wheat acreage harvested. Combining well advanced La Paz County, nearly 60% small grain acreage harvested. About 20% of Yuma County crops, 15% of Pinal County acreage combined. Arizona's cotton crop mostly above average condition in west, average to below central and southeast. Cotton planting complete, 100% last year, average 99%. Some replanting still in progress. Replanting rate for 1984 crop about double normal replanting rate. Nearly 20% of acreage in Yuma, La Paz Counties squaring, also earlier plantings in Central Valley. Alfalfa harvest increasing in southeast, continued active in Central Valley and west. Increasing supplies, demand off slightly, market prices good with active trading. Central Valley harvesting third cutting of season. Corn, sorghum mostly average condition, stands established or plants emerging Cochise County. Carrot, dry onion, potato harvest continued in Salt River Valley. Willcox lettuce packing full swing. Seeded chili peppers, bell peppers making good progress early stages. Cantaloup, watermelon, honeydews make very good progress La Paz, Yuma Counties. Initial harvest watermelons, cantaloups began in Hyder area. Grapefruit harvest continued as orders received. Harvest of peaches, nectarines neared completion.

ARKANSAS: Mild weather entire week. Temperatures near normal, 30 below normal.

Short periods of rain at beginning and end of week. Highest rainfall 2.78 in., least amount 0.16 in.

Soil moisture adequate, but short in southeast. Days suitable for fieldwork: 5.6. Crop growth moderate. Rice condition good; planted 86%, 75% 1983, 87% average; emerged 65%, 55% 1983, 76% average. Cotton condition good to fair; planted 96%, 89% 1983, 95% average; emerged 79%, 65% 1983, 85% average. Soybeans good condition; planted 26%, 12% 1983, 19% average. Winter wheat good condition, maturing rapidly. Corn good condition; planted 85%, 88% 1983, 81% average. Sorghum good to fair condition; planted 84%, 68% 1983, 77% average. Pastures average. Cattle good condition, ticks and flies troublesome.

CALIFORNIA: Weekly mean temperatures statewide almost uniformly above normal. Only one spot northeastern corn showing 1° below normal. Desert southeast showed largest departures and highs to 110°. The Central Valley, Red Bluff to Bakersfield, had weekly means 5° or warmer except anomalous Bakersfield, only 2° warmer than normal. Precipitation confined to isolated showers on 24th close to the Oregon border. Rainfall amounts were light; the most only a few hundredths over a tenth of an inch.

Wind-damaged cotton recovering; mite treatment Fresno County; 100% planted, 100% last year, 100% average. Rice planting heavy, 90% planted, 35% last year, 81% average. Chemical application shrimp, watergrass control, 60% emerged, 10% last year, 52% average. Sugarbeets irrigated, manual weeding, ground squirrel damage. Some replanting, poor stands. Small grains progressing northern counties, harvest underway San Joaquin. Alfalfa cut, baled, irrigated. Oats cut, baled Sacramento Valley. Winter wheat headed 100%, 99% last year, 99% average. Field corn irrigated, fertilized. Some fields worm treated. Dry beans emerged, planting north San Joaquin. Safflower bloomed, headed. Harvest underway desert wheat and barley. Hot weather sped fruit maturity, little damage. Apricot, avocado, cherry, Coachella Valley table grape, nectarine, Freestone peach, plum, grapefruit, Valencia orange harvests active. Normal cultural activities for grapes. Heavily laden almond branches propped to prevent limb breakage. Artichoke supplies moderate. Asparagus volume decreasing. Broccoli supplies fairly heavy. Planting brussels sprouts. Cantaloup harvest increased Imperial Valley, started Palo Verde Valley. Carrot harvest active desert, light Kern district, Salinas Valley. Celery harvest active south coast, light Santa Maria. Sweet corn harvest active desert, started Orange County. Lettuce heavy supply central coast. Onion harvest active desert increasing San Joaquin Valley. Spring potato harvest full swing. Strawberry diversion to processors increasing. Market tomato harvest active desert, south coast. Processing tomato harvest started desert. Feed generally abundant summer ranges. Fire danger extremely high lower elevations. Movement livestock summer elevations continues some districts. Bees being moved alfalfa seed fields for pollination.

COLORADO: High pressure was the dominate weather pattern for the week. Record high temperatures prompted flood warnings from snow melt along west slope streams. Thunderstorms brought 0.25 to 1.00 in. of precipitation in the northeast on 23rd.

Crop progress and development catching up after a slow spring start. Reported conditions were good for all crops. Winter wheat late, 74% jointed; 77% last year; 80% average and 5% headed; 10% in 1983; 23% average. Corn planting 87% complete; 80% last season; 84% average. Sorghum planting 22% complete; 44% last year; 33% average. Spring grains nearly all seeded. Dry beans 12% planted, 13% in 1983 and average. Sugarbeets 99% planted; 92% last year; average 94%. First cutting of alfalfa beginning. Fall potatoes 88% planted.

FLORIDA: Dry, warm early week except for spotty showers, Panhandle. Showers, thunderstorms became more widespread, 22nd, but rains generally light. Widespread, mainly afternoon, thunderstorms, showers rest of week across Peninsula. Daily rainfall 23rd through 25th varied greatly from light amounts under 0.25 in. to 1.00 to 2.00 in. some areas; isolated heavier amounts of 4.00 to 5.00 in. Scattered to numerous showers, warm, humid conditions prevailed at weekend. Heavy rains mixed with thunderstorms dumped 3.00 to 6.00 in. along southeast coast. Elsewhere rains generally under 1.00 in.

Soil moisture short most areas until scattered rainfall mid-to-late week brought relief to many areas. Overall corn conditions fair, early plantings tasseling. Tobacco good condition where irrigated. Sugarcane good growth. Peanut planting continues but dry soils delayed completion. Soybean planting slow because of dry conditions. Wheat harvest underway most areas, active in many. Grazing, improved considerably by showers last half of week many areas, mostly fair Panhandle, southward through central Peninsula; good to excellent some southern areas. Permanent pasture renovation, land preparation for temporary grazing occurred some areas. Cattle, calves generally fair to good condition, upper Peninsula, northward, mostly good elsewhere. Citrus grove condition improved with rain, irrigation discontinued. New growth showing on those trees not badly damaged, by December 1983 freeze. New crop fruit progressing well. Valencias remaining for harvest holding well. Harvest active on oranges. Remaining grapefruit supplies running low. Showers, thunderstorms became widespread vegetable growing areas midweek. Locally heavy rains occurred some areas. Daytime high temperatures mostly 80's; nighttime lows in 70's. Most vegetable crops declined in volume from previous week. Overall shipments declined 7%. Crops declining in shipments were snap beans, cabbage, carrots, celery, escarole, lettuce, green peppers, potatoes, radishes, squash, tomatoes. Volume remained steady for cucumbers, eggplant, parsley; gaining in supply were sweet corn, watermelons. Harvest of watermelons moved northward to Summer County. Cutting expected to progress farther north in early June. Sweet corn harvest near peak level as Zellwood pulling becomes active.

GEORGIA: Rain fell 3 to 5 days. Rainfall between 1.00 to 2.00 in. most of the State. Under 1.00 in. of rain fell extreme south central area and along coast. More than 4.00 in. of rain reported for week at Augusta. Greatest 24-hour amount 2.25 in. at Augusta. Temperatures in low 70's north and mid to upper 70's elsewhere or about 3° above normal. Maximum 94° at Albany and Dublin on 26th.

Soil moisture 8% surplus, 64% adequate, 23% short, 3% very short. Average days suitable for fieldwork: 4.4. Main activities: Haying, planting, weed and insect controls. Corn 99% planted, last year and average 100%; 6% silked, last year 4%, average 15%; condition 6% excellent, 63% good, 30% fair. Cotton 87% planted, last year and average 93%; squared 2%, last year 2%, average 11%; condition 49% good, 46% fair. Grain sorghum 50% planted, last year 46%, average 48%; condition 63% good, 33% fair. Peanuts 93% planted, last year 97%, average 96%; bloomed 3%, last year 2%, average 9%; condition 5% excellent, 74% good, 21% fair. Soybeans 38% planted, last year 43%, average 32%; condition 72% good, 24% fair. Tobacco condition 40% good, 55% fair. Watermelons 97% planted, last year and average 98%; condition 38% good, 38% fair. Virtually all wheat headed, same last year; 16% harvested, last year 8%, average 18%; condition 64% good, 31% fair. Rye condition 63% good, 29% fair. Other small grains 66% good, 28% fair. Peaches 7% picked, last year 4%, average 8%; condition 13% excellent, 66% good, 21% fair, mid-State harvest began. Apple condition 16% excellent, 38% good, 27% fair. Pastures 10% excellent, 71% good, 19% fair. Cattle 6% excellent, 73% good, 20% fair. Hogs 4% excellent, 76% good, 20% fair.

HAWAII: Unstable weather conditions hampered crop development in the State during most of the week. Heavy rains, and occasional thundershowers, occurred over the eastern Islands of Maui and Hawaii at midweek.

Although some minor flooding was reported, damage to agricultural crops was minor. In fact the major vegetable growing areas continued to experience dry weather. Irrigation remains heavy in these areas. Spraying for insect control has increased. Skies were mostly sunny early and late in the week, with record high temperatures over the weekend. Supplies of Chinese cabbage will remain heavy. Head lettuce and head cabbage output from Maui will also be heavy. Papaya production on a seasonal decline as is banana production.

IDAHO: Several frontal systems moved across the State bringing unsettled weather. Temperatures were 3 to 4° below normal. Rainfall was received at all locations except in the south central area. Sandpoint was the wettest spot with 1.38 in. Most other locations received about 0.25 in.

Planting progressed as 5.3 days were suitable for fieldwork. Spring wheat reached 92% seeded versus 93% last year and the 99% average. Emergence advanced to 74% compared to 81% in 1983 and the 92% average. Spring barley seeding rose to 80% versus 85% a year ago. Sugarbeet emergence reached 97%. Dry pea progress trailed last year with 89% of the acreage planted and 57% emergence. Potatoes jumped to 74% planted compared to 1983 and the average of 80%. Corn planting reached 81% versus 88% in 1983 and the 86% average. Dry beans advanced to 22% planted compared to 17% a year ago and the 22% average. Winter wheat continued to be slower than last year with 45% of the crop not yet jointed, 48% jointed, and 7% in the boot stage. Warmer temperatures improved range and pasture growth across the State.

ILLINOIS: Temperatures normal to 3° below normal. Precipitation 0.50 to 3.50 in.

Soil moisture 42% adequate, 58% surplus. Days suitable for fieldwork: 2.8. Corn planted 85%,

last year 81%, average 90%. Soybeans planted 40%, last year 37%, average 56%. Wheat condition 8% excellent, 52% good, 29% fair, 11% poor. Winter wheat 44% headed, last year 68%, average 77%; 5% filled, last year 12%, average 27%. Oat condition 12% excellent, 57% good, 26% fair, 5% poor. Sorghum grain planted 10%, last year 8%, average 27%. Alfalfa condition 24% excellent, 68% good, 8% fair; first crop cut 13%, last year 10%, average 21%. Red clover condition 11% excellent, 78% good, 11% fair, crop cut 6%, last year 3%, average 13%. Pasture condition 29% excellent, 67% good, 4% fair.

INDIANA: Above normal precipitation in nearly all areas left fields wet at the end of the weekly period. Temperatures average near to slightly below normal. Maximums upper 70's and low 80's and minimums low and mid 40's. Soil temperatures in mid to upper 60's. Precipitation heavy in north totaling 2.00 to 3.00 in. One to two in. central and southern third.

Fieldwork: average 2.4 days. Topsoil moisture adequate to surplus. Subsoil moisture mostly adequate to surplus. Spring cropland 92% tilled, 1983 94%. Corn 80% planted, 1983 65%, average 75%. Corn 55% emerged, 1983 45%, average 60%. Soybeans 35% planted, 1983 25%, average 45%. Soybeans 25% emerged, 1983 10%, average 25%. Wheat fair to good condition. Wheat 25% headed, 1983 45%, average 65%. Wheat 19 in. tall, 1983 23 in. Alfalfa 10% cut first time, 1983 10%, average 15%. Clover 5% cut, 1983 5%, average 5%. Pasture condition good. Tobacco 5% set, 1983 5%, average 10%.

IOWA: A cool and very wet week. Rainfall averaging over 2.00 in. statewide.

Days suitable for fieldwork: 3.3. Fertilizer applications 93% complete; 95% last year. Conventional tillage operations 93% complete, 93% last year; normal 100%. Conservation tillage operations 91% complete; 93% last year. Winter wheat crop condition 7% excellent, 56% good, 32% fair, 5% poor to very poor. Pasture conditions 18% excellent, 68% good, 14% fair. Corn acreage planted 90% complete; 91% last year; 90% normal, emerged 60% complete; 53% last year; 64% normal. Excellent stands not uncommon. Soybean acreage planted 42% complete; 49% last year; 55% normal. Soybean acreage emerged; 10% complete, 7% last year; 15% normal. Very limited amounts 1st crop alfalfa cut. Topsoil moisture conditions 47% surplus; 52% adequate; 1% short. Subsoil moisture conditions 33% surplus; 65% adequate; and 2% short. Livestock generally good condition and improving. Livestock movements slow.

KANSAS: Precipitation averaged 0.10 in. southwest, 0.75 to 1.50 in. northeast, north central and east central. Temperatures averaged 63° northwest to 68° southeast ranging 2 to 3° above normal west, normal to 2° below normal central and east.

Wheat condition good to excellent except poor to fair parts northwest and west central. Light to moderate infestation of tan spot, wheat streak mosaic and soil-borne mosaic some counties. Wheat 55% headed, 50% last year, 75% average. About 80% corn planted, 80% last year, 80% average. Sorghum 10% planted, 5% last year, 20% average. Soybeans 20% planted, 10% last year, 20% average. Light to moderate alfalfa weevil infestation. Pastures and rangeland excellent. Surface and subsoil moisture adequate. Days suitable for fieldwork: 5.0.

KENTUCKY: Two cold fronts brought rainfall averaging slightly below normal to 1.50 in.

above. Normal rainfall just over 1.00 in. Temperatures ranged from normal to 5° below normal with west coolest. Late May temperatures generally average in upper 60's to low 70's.

Days favorable for fieldwork averaged 4.8 days. Soil moisture 87% adequate, 4% short, 9% surplus. Some areas still too wet for fieldwork. Corn 68% planted, 32% last year, 70% average. Some replanting due to drowning and soil crusting. Soybeans 10% planted, 2% last year, 24% average. Burley setting 6% complete, 3% last year, 20% average. Dark tobacco 6% set, in 25% tobacco beds, plants 4 in. or taller. Plant supplies variable. Over 80% wheat headed out. Harvesting hay. Both wheat and hay in good condition. Strawberries ripening.

LOUISIANA: Rainfall amounts ranged from 0.23 to 4.78 in. Average temperatures normal to 1° below normal. High 94°, low 55°.

Soil moisture adequate. Days suitable for fieldwork: 3.2. Activities included spring plowing, planting of crops, and hay and vegetable harvesting. Spring plowing 97% 1984, 92% 1983. Rice planting 96% 1984, 86% 1983, 93% average; emerged 90% 1984, 82% 1983, 90% average; condition fair to good. Corn planting 98% 1984, 100% 1983, 99% average; emerged 96% 1984, 97% 1983, 99% average; silked 5% 1984, 6% 1983, 17% average; condition good. Cotton planting 91% 1984, 76% 1983, 87% average; emerged 86% 1984, 59% 1983, 77% average; condition fair to good. Soybeans planted 44% 1984, 15% 1983, 37% average; emerged 31% 1984, 10% 1983, 25% average; condition fair to good. Sorghum planting 91% 1984, 80% 1983, 67% average; emerged 87% 1984, 77% 1983, 60% average; condition fair to good. Sweetpotato planting 53% 1984, 36% 1983, 61% average; condition good. Sugarcane condition poor to fair. Winter wheat condition good; wheat turning color 97% 1984, 78% 1983, 93% average; harvest 21% 1984, 5% 1983, 18% average. Vegetable condition fair to good. Hay first cutting 45% 1984, 33% 1983, 45% average. Pasture and livestock condition fair to good.

MARYLAND AND DELAWARE: Maryland: Temperatures averaged 5 to 7° above normal. Precipitation averaged 0.61 in.

Small grains in good condition. Barley and rye 100% headed, equal to last year. Oats 50% headed, 20% last year. Wheat 60% headed; 80% 1983. Barley 15% turned; 35% 1983. Rye 20% turned; 25% last year. Oats just started to turn. Field corn 80% planted, equal to 1983 but 5% behind the average. Soybean planting 15% complete, 20% 1983, 25% average. Tobacco 20% transplanted; 15% for 1983 and average. Vegetable farmers were behind year earlier pace for lima beans and sweet corn. Tomatoes and cucumbers 70% planted, 65 and 55% respectively 1983. Snap beans 90% planted; 80% last year. Watermelon 75% planted; 70% last year. Cantaloupes 80% planted; 50% 1983. Lima beans and sweet corn 25 and 80% planted, 90% and 85% respectively 1983. Alfalfa hay 25% cut once, equal to 1983. Other hay 20% cut once also equal to 1983.

Delaware: Temperature averaged 4 to 7° above normal. Precipitation averaged 0.80 in.

Days suitable for fieldwork 6.5. Small grains good condition. Barley 100% headed, equal to last year. Barley turned 25% 30% 1983. Wheat headed 25%, 75% 1983. Field corn planted 80%, 1983 and average 83%. Soybeans 25% planted, 5% 1983. Vegetable planting continues, snap bean, watermelon and tomato planting at 55, 85, and

70%, compares with 50, 80, and 50% last year. Sweet corn, and cucumber percent planted at 85 and 70% this year compared with 95 and 85% last year. First cutting of alfalfa hay completed on 15% of the average, equal to last year. Other hay cutting at 5% also equal to year earlier.

MICHIGAN: Temperatures averaged 1° above normal. Precipitation averaged 2.00 in. over the lower Peninsula. Minor flooding reported at several locations.

Persistent rains several days brought most fieldwork to a standstill. Statewide 3.0 days suitable for fieldwork. Moisture supplies rated adequate to surplus. Spring tillage 90% complete, 80% last year, 91% average. Corn planting 85% complete, 65% last year, 80% average. Soybean planting 25% complete, 15% last year, 41% average. Oats seeding virtually complete. Winter wheat condition mostly good. Pasture and hay supplies shorter than normal. Fruit crops progressing well. Most vegetable crops doing well at this time.

MINNESOTA: Temperatures averaged near normal to 3° below normal. High: 86°, low: 28°. Precipitation averaged 0.19 to 0.27 in. above normal for southeast and south central and 0.22 to 0.54 in. below normal elsewhere. Greatest weekly total 1.56 in.

Conditions were favorable for rapid completion of planting and normal crop growth. Days suitable for fieldwork: 4.9. Strong winds in northwest dried soils and hindered weed control. Pastures and hayfields grew rapidly. Some alfalfa cutting began. Spring wheat condition: 25% poor to fair, 75% good to excellent. Topsoil moisture: 12% short, 74% adequate, 14% surplus. Planted: Field corn 89%, 1983 80%, normal 84%; soybeans 59%, 1983 45%, normal 91%; oats 98%, 1983 95%, normal 94%; barley 97%, 1983 96%, normal 87%; sunflowers 64%, 1983 47%, normal 55%. Emerged: Field corn 40%, 1983 24%, normal 44%; soybeans 7%, 1983 5%, normal 15%; spring wheat 84%, 1983 74%, normal 75%.

MISSISSIPPI: Temperatures above normal, extremes 48 and 93°. Greatest 24-hour rainfall 6.50 in.

Soil moisture adequate. Main activities: planting, cultivating and spraying for insects. Fieldwork: 4.6 days suitable, 3.2 1983 and average. Cotton fair to good; 97% planted, 91% 1983, 95% average; 81% emerged, 64% 1983, 77% average. Soybeans fair to good; 35% planted, 18% 1983, 33% average; 14% emerged, 9% 1983. Rice good to fair; 92% planted, 86% 1983, 91% average; 75% emerged, 61% 1983 and 74% average. Wheat good to fair; 100% heading, 100% 1983; 26% ripe, 12% 1983; 2% harvested, 1% 1983, 5% average. Corn good to fair; 99% planted, 90% 1983, 94% average; 84% emerged, 73% 1983; 1% silking. Peaches 1% harvested. Sweetpotatoes 45% planted; watermelons 88%; peanuts 69%. Sorghum 76% planted, 43% 1983, 50% average.

MISSOURI: Temperatures averaged from 5° below normal in west to 4° above normal in east. Rainfall was widespread and varied. The southern and northern areas averaged less than 1.00 in. and portions of central and east central received nearly 3.00 in.

Days suitable 3.2. Corn plantings 70% complete, 73% last year, 77% normal. Soybeans 23% planted, 18% last year, 32% normal. Grain sorghum 46% planted, 28% last year, 41% normal. Winter wheat 60% headed, 59% last year, 72% normal. Winter wheat condition 3% excellent, 28%

good, 64% fair, 5% poor. Pastures mostly good condition. Topsoil moisture 30% surplus, 61% adequate, 9% short.

MONTANA: Cool and wet west of Divide, warm and dry over northeast. Temperatures were 6° below normal in west to normal in northeast. Precipitation west of Divide mostly 0.30 to 1.50 in. The rest of the State, except northeast and north central, had moderate amounts of precipitation. Dry in northeast and north central.

Soil moisture continues mostly short except west and south central. Fieldwork: 5.4 days suitable. Growth and condition winter wheat and spring planted crops mostly fair. Planting progress percent completed this year, last year and average; Spring wheat 95, 95, 90; barley 95, 95, 90; oats 90, 85, 80; corn 85, 65, 70; sugarbeets 65, 90, 95; potatoes 60, 45, 50; dry beans 70, 50, 60; spring wheat emerged 75, 80, 60; barley emerged 70, 80, 75. About 55% cattle and sheep moved to summer ranges. Range growth slow.

NEBRASKA: Temperatures were 10° below normal Panhandle, 3 to 5° below normal rest of State. Rainfall ranged from 0.50 in. west to 2.50 in. east.

Winter wheat mostly fair; 80% jointed, 90% last year, 92% average. Wheat headed 2%, 3% last year, 30% average. Corn planted 80%, 90% last year, 80% average. Corn emerged 35%, 35% last year, 50% average. Sorghum planted 15%, 30% last year, 35% average. Soybeans planted 15%; 40% last year, 40% average. Alfalfa condition mostly good to fair. First cutting 1% complete, 5% last year, 10% average. Days suitable for fieldwork: 3.1. Topsoil moisture mostly surplus to adequate. Subsoil moisture mostly adequate to surplus.

NEVADA: Weather essentially dry throughout period with above average temperatures recorded all areas. No significant precipitation received. Trace amounts north, dry central and southern. Extreme south warmest with temperatures 10° above normal. High daytime recorded 105°.

Potato planting nearing completion, emergence slow due to low night temperatures earlier. Small grain planting better progress due higher temperatures and no precipitation. Calving and lambing about complete.

NEW ENGLAND: Average temperatures ranged from the mid 50's near the Canadian border to the mid 60's along the south coast. Average precipitation ranged from 0.50 to 1.00 in. several isolated locations received between 1.00 and 2.00 in. in heavy downpours with thunderstorms.

Soil moisture supplies and grazing availability adequate to surplus. Fieldwork progress 4 days behind schedule. Days suitable for fieldwork: 6.0 days. Maine potatoes 65% planted; 50% last year, 75% normal. Rhode Island potatoes 100% planted, 50% emerged. Field corn 45% planted; 40% last year, 70% normal. Early sweet corn 55% planted, 20% emerged. Shade tobacco 50% planted. Outdoor tobacco 5% planted. Fruit trees in full bloom to petal fall.

NEW JERSEY: Temperatures averaged 40 above normal. Extremes were 40° on the 25th and 93° on the 23rd. Weekly rainfall averaged 0.86 in. north, 1.29 in. central and 1.06 in. south.

The heaviest 24-hour total was 1.70 in. on the 23rd to 24th. Estimated soil moisture, in percent of field capacity, averaged 95% north, 82% central and 70% south. Four inch soil temperatures averaged 62° north, 67° central and 68° south.

Fieldwork: 5.5 days suitable. Main field activities: Planting field corn and spring crops, harvesting vegetables and applying pesticides. Warmer weather was beneficial, but rainfall during weekend will delay fieldwork again.

NEW MEXICO: Scattered showers over parts of central valley, southeastern plains.

Some light damage to hay in field. Small grains heading to turning. Condition fair to good. Cotton, corn, milo planting continues. Alfalfa cutting continues, second cutting just getting underway. Lettuce harvest tapering off. Onion digging to begin this week. Cattle moving to high country pastures. Lambs being marked. Cotton planted 85%, last year 72%, average 87%.

NEW YORK: Temperatures slightly above average. Precipitation near normal. Wet fields continue to limit field activities. Oat planting 43% complete, 60% 1983, 86% average. Corn planting 25% complete, 38% 1983, 55% average. Pasture and hay condition mostly good to excellent. Vegetable plantings continue. Hudson Valley tree fruit in fruit set stage. Western sweet cherries in fruit set. Apples in full bloom. Tart cherries, pears and peaches in petal fall.

NORTH CAROLINA: Temperatures averaged very near normal statewide. Precipitation ranged from 0.10 to 3.50 in., rainfall totals quite varied due to storm activity.

Soil moisture: 5% very short, 26% short, 69% adequate. Days suitable for fieldwork: 5.6. Condition: Wheat 14% fair, 82% good, 4% excellent. Oats 4% poor, 21% fair, 73% good, 2% excellent. Tobacco 40% fair, 60% good. Irish potatoes 5% fair, 90% good, 5% excellent. Peaches 21% fair, 65% good, 14% excellent. Plantings: Corn 96%, 1983 96%, average 98%. Flue cured tobacco 93%, 1983 90%, average 93%. Burley tobacco 14%, 1983 16%, average 39%. Cotton 97%, 1983 84%, average 97%. Peanuts 92%, 1983 76%, average 87%. Sorghum, 48%, 1983 49%, average 52%. Soybeans 37%, 1983 49%, average 49%. Sweetpotatoes 27%. Major farm activities: Transplanting tobacco and sweetpotatoes, planting corn, cotton, peanuts, soybeans and sorghum, haying, applying fertilizer and spraying chemicals, cultivating corn and tobacco.

NORTH DAKOTA: A cool week with mostly light precipitation. Strong winds gusting over 40 mph 23rd and 24th caused areas of blowing dust, especially northwest district. Below freezing temperatures occurred in the west on 25th and statewide 26th. Temperatures generally 1 to 4° below normal ranging from 22° to 91°, both in the south central district. Precipitation ranged from 0.08 in. west central to 0.29 in. in the northeast.

Excellent progress past week on seeding of small grains and row crops, all now ahead of normal. Seeding for this year compared to last year and average: Spring wheat 96, 89, 82; durum 94, 81, 75; oats 95, 87, 80; and barley 99, 91, 81; sunflower 44, 36, 36; corn 70, 60, 52; potatoes 89, 69, 70; soybeans 75, 74, 59 and dry beans 53, 53, 50. Development of emerged crops also exceeded the average, despite very dry

topsoil conditions. Lack of soil moisture becoming major concern with 80% of State short or very short of topsoil moisture, versus 90% adequate or better last year. Average shows 28% short-very short, 72% adequate or better. Light frost two nights, but only minimal damage to emerged crops.

OHIO: Temperatures 1 to 5° below normal, extremes from low to mid-40's to mid-80's. Precipitation widespread and above normal. Average totals 0.50 to 2.00 in. Four inch bare soil temperatures averaged mid-60's. A sharp cool-down is anticipated this week.

Soil moisture 0% short, 22% adequate, 78% surplus; 3.0 days suitable for fieldwork. Activities included planting corn and soybeans, spraying fields, repairing machinery, hauling manure. Corn planted 65% 1984, 60% 1983, 80% average; emerged 30% 1984, 40% 1983; condition fair. Soybeans planted 25% 1984, 20% 1983, 50% average; emerged 10% 1984, 10% 1983. Winter wheat jointed or beyond 75% 1984, 100% 1983; headed 10% 1984, 10% 1983, 20% average; condition fair. Some reports of fields being plowed under due to poor condition. Pasture and hay condition good.

OKLAHOMA: Temperatures averaged 1 to 2° below normal north central to 2 to 4° above normal south. Precipitation ranged zero Panhandle to 2.39 in. northeast.

Cool, wet weather over weekend delayed wheat development. Heavy rains northeast caused severe flooding. Dry weather plagues southwest. Weed growth bothersome to producers north and west. Over half wheat in southern third in dough stage. Only 25% remainder of State in dough stage. Wheat headed: 95%; 90% 1983; 97% average. Sorghum planted: 25; 25% 1983; 35% average. Cotton planted: 15%; 20% 1983, 30% average.

OREGON: Another wet week for coast and Willamette Valley. Rainfall was briefly interrupted midweek. Precipitation amounts were 0.60 to 2.00 in. at coast, up to 1.00 in. at north, and less than 0.20 in. in southern and central areas. Temperatures were 1 to 4° below normal in all sections of the State.

Winter wheat in good condition. Western growers continue to spray for Septoria and rust. Barley Yellow Dwarf virus a problem at higher elevations of the east. The crop was 26% headed, 66% 1983, 40% average. West of the Cascades: Orchardgrass spraying for leaf disease, hay cutting. Eastward: Plowing and spring grain seeding continues in high country, weed control on peppermint fields, summer fallow work, first hay cutting complete around Hermiston, other areas beginning to cut. Hood River: Apples being thinned, Bartlett pears won't yield as well as 1983 crop, Anjous look good. Wasco County: Good looking cherries, lower yields expected. Union County cherries have winter damage. Willamette Valley: Cherry crop looks light; early peaches look light: Veteran and Elberta varieties have good set; strawberry harvest to begin in about two weeks; boysenberries, marionberries, and raspberries blooming. Onion planting finished in the Valley. Broccoli, snap beans, cauliflower and sweet corn planting continues behind normal. Potatoes: planting complete in Hermiston-Boardman area and Jefferson County, Klamath County about 80% in ground. Livestock condition good. Range and pasture condition good, but growth several weeks behind normal.

PENNSYLVANIA: Early and latter part of week were wet and warm. Temperatures warmest of the

season with an average of 65°. Rainfall was plentiful with the average being 1.30 in. and nearly 0.50 in. above normal.

Days suitable: 3.0. Moisture surplus to adequate. Activities: Plowing; spraying; harvesting hay, haylage and rylage; and planting oats, potatoes, corn soybeans. Plowing 78% complete, last year 82%, average 92%. Soybeans 20% planted, last year 19%. Oats 87% planted, last year 92%. Potatoes 75% planted, last year 71%. Corn 52% planted, last year 52%, average 71%. Barley 44% headed, last year 47%. Wheat 32% in boot, last year 50%. Hay stand conditions good to fair. Feed from pastures mostly average. Peaches virtually all in full bloom or past, same as last year. Cherries virtually all in full bloom or past, same as last year. Applies virtually all in full bloom or past, same as last year.

PUERTO RICO: Island average rainfall 1.94 in. or 0.21 in. above normal. Highest weekly total 6.34 in. Highest 24-hour total 2.58 in. Temperature averaged about 80.0° on coasts and 73 to 74° interior divisions. Mean station temperature ranged from 64.8 to 81.2°. Extremes 94 and 56°.

SOUTH CAROLINA: First rain in two weeks fell over much of State. Rainfall amounts varied. Temperatures climbed during week averaging above normal.

Soil moisture mostly adequate. Days suitable for fieldwork: 5.4. Corn condition fair; 97% planted, 100% last year, 100% average. Cotton condition fair to good; 94% planted, 100% last year, 100% average. Soybean planting progressing rapidly; 25% planted, 33% last year, 36% average. Wheat condition mostly good; 82% turning color, 96% last year, 92% average; 18% ripe, 10% last year, 38% average. Tobacco condition mostly good, some premature blooming still exist. Peach harvest underway, condition mostly good, some sent to market. Watermelon condition fair. Tomato condition continued good to excellent. Hay harvest still very active, yields excellent.

SOUTH DAKOTA: Average temperatures were 1 to 3° below normal. Extremes: 92 and 23°. Precipitation fell across most of the State, with up to 1.50 in. of snow in the northwest.

Topsoil moisture was short to adequate over the State with some surplus still reported. Winter wheat was reported in fair to good condition. Range, pastures and livestock in good condition. Calving and lambing 94% complete. Corn planted 64%, 1983 59%, average 74%. Spring wheat planted 98%, 1983 98%, average 99%. Spring wheat emerged 87%, 1982 92%, average 95%. Winter wheat headed 5%, 1982 2%, average 19%.

TENNESSEE: Moist air from the Gulf of Mexico crossed over the State early in the week resulting in widespread rainfall. A cold front midweek was followed by a high pressure front which brought fair weather on the 24th and 25th. A second cold front moved through on the 26th and 27th and produced scattered rainfall. Temperatures averaged near normal across the State and rainfall was generally moderate in the east and mid-State areas with heavier amounts received in the west.

Farmers had 5.0 days suitable for fieldwork. Soil moisture: 9% surplus, 87% adequate, 4% short. Corn planted: 80%, 1983 54%, average 83%. Cotton planted: 90%, 1983 68%, average 89%. Soybeans planted: 23%, 1983 4%, average 31%.

Tobacco set: 30%, 1983 19%, average 46%. Wheat headed: 98%, 1983 94%, average 94%. Alfalfa hay - 1st cutting: 73%, 1983 35%, average 71%. Fruit trees reported in good condition. Livestock and pastures in good condition.

TEXAS: Upper level low pressure system, warm, moist airmass east Texas triggered showers, thunderstorms much eastern half State. Toward middle week, weak front moved over middle sections, producing widely scattered thunderstorms parts north central, northeast Texas. Near end week, high pressure, moist southern flow from Gulf produced considerable low level cloudiness, warm, humid conditions over much State. Temperatures near normal over east Texas, much southern half of the State. Temperatures averaged 5 to 8° above normal over rest of Texas. Rainfall averaged 0.25 in. above normal east Texas, north central Texas, Trans-Pecos were nearly 0.25 in. below normal. Elsewhere rainfall below normal.

Crops: Soil moisture improve many areas due additional rainfall. Dryland planting Plains picked up. Cultivation, herbicide treatment main activities planted fields Plains. Central, South Texas varied amounts rain, help cotton crop, may help salvage some corn fields. East Texas heaviest amounts rainfall, some damage crops. Irrigated grain sorghum planting High Plains nearly complete. Planting dryland fields picked up after recent rains. Some producers Cross-Timbers awaiting additional soil moisture. However, most fields dry planted. Blacklands, small infestations greenbugs beginning show up. Northern Blacklands along Red River good rains, benefitted crop. Lower Blacklands thin stands. Rain needed ensure fair crop. Small heads forming Central Texas. South Texas, Rio Grande Valley fields benefitted recent rains, helped finish out heads. Corn fields High Plains receiving early waterings ensure proper growth; recent rains helped alleviate irrigation needs. Cultivation, herbicide application main activities. Irrigated corn Cross-Timbers looks fair. Rain northern Blacklands promoted good stands. Southward, stands beginning tassel, low yields expected. Increase nitrate poisoning many South Texas fields. Additional rain probably not help much these areas. Statewide corn condition rated at 66% of normal, compared with 78% a year ago. Cotton fields planted early High Plains receiving waterings. Early cotton looks good, few fields dried out. Dryland planting picked up. Trans-Pecos, planting nearing completion good growth planted fields. Squaring continues Central Texas. Fields South Texas, Valley greatly benefitted recent moisture, plants started setting bolls. Rain ensure good boll set. Wheat harvest spread into Low Plains. Low yields reported. Good yields continue Blacklands. Central Texas harvest continues, fair yields reported. Numerous acres baled result of poor crop. Statewide wheat condition 56% of normal compared with 82% a year ago. Current reported conditions are 3% excellent; 23% good; 43% fair; 30% poor; and 1% failure. Rice benefitted recent heavy rainfall. Weed control continues fields along Upper Coast. Early planted soybeans look good. Planting begin later beans along Upper Coast when ground dries. Early peanuts look good, continue come up. Planting pick with moisture.

Cotton planted 51% 1984, 50% 1983, 60% average; squaring 8% 1984, 5% 1983, 10% average; setting bolls 1% 1984, 0% 1983, 2% average. Rice emerged 96% 1984, 94% 1983, 94% average. Sorghum planted all purposes 74% 1984, 76% 1983,

78% average; headed 26% 1984, 13% 1983, 20% average; turning color 0% 1984, 2% 1983, 3% average. Wheat headed 86% 1984, 91% 1983, 92% average; turning color 47% 1984, 44% 1983, 44% average; harvested for grain 14% 1984, 3% 1983, 3% average. Oats harvested for grain 27% 1984, 17% 1983, 17% average. Corn planted for all purposes 100% 1984, 99% 1983, 99% average. Peanuts planted 31% 1984, 21% 1983, 24% average. Soybeans planted 30% 1984, 18% 1983, 19% average. Sunflowers planted 53% 1984, 54% 1983, 33% average.

Commercial vegetables: High Plains, carrot planting continues. Irrigation continues onions, potatoes. Potatoes begun blooming. Rio Grande Valley, harvest continued peppers, cantaloup, watermelons, honeydews once rain ended. Pruning citrus virtually ended until fall. Recent rainfall beneficial citrus orchards. San Antonio-Winter Garden, tomatoes, beets, watermelons, onions, cucumbers harvested. Trans-Pecos, tomatoes fair growth. Watermelons, cantaloup planting continues. Some lettuce being harvested. East Texas, recent heavy rains damaged many vegetable fields. Many tomato blooms blown off. Some tomatoes, peppers fruiting. Peaches maturing, ripening hectic pace. Early varieties being picked. Pecan set fair to good throughout South, Central Texas. Spraying continues casebearers Cross-Timbers.

Range and livestock: Recent rains helped green up pastures; not much growth noticed. Shipment livestock continues steady pace. Supplemental feeding still occurring. Overall condition improving; additional rain needed continue improvement.

UTAH: Of 47 reporting stations, 5 in extreme north reported light precipitation, others had zero. Maximum temperatures averaged 6° above normal north half and 10° above south half, ranging from normal to 12° above. Minimums averaged 4° above normal north half and 7° above south half, ranging normal to 7° above.

Days available for fieldwork: 6.0 to 7.0. Soil moisture on range and grasslands becoming short. Spring wheat and barley virtually all planted. Oats and corn 70% planted. Cattle and sheep on spring ranges in excellent condition.

VIRGINIA: Warm, dry weather through 25th gave way to cooler, clody weather over the weekend as a frontal system moved through the 25th and 26th. Precipitation varied from 0.50 to 0.75 in. in western and southwestern areas and around 0.25 to 0.50 in. in central and eastern sections. Temperatures 1 to 3° above normal.

Topsoil moisture fell to 40% short, 60% adequate but timely rain kept most crops in good to excellent condition. Most days were dry with 5.3 days suitable for fieldwork. Corn planting reached 87% complete, 86% last year, 89% average. Corn stands in good to excellent condition. Soybean planting 27% complete, 26% last year, 33% average. Peanut planting 99% complete, 90% last year, 93% average. Peanut stands in good condition. Flue cured tobacco transplanting 74% complete, 61% last year, 71% average. Fire-cured tobacco transplanting 35% complete, 41% last year, 48% average. Burley tobacco transplanting starting late, 10% complete, 36% last year, 38% average. Sun-cured transplanting 38% complete, 44% last year, 43% average. Small grain prospects good to excellent. Cereal leaf beetle and aphids increasing in many fields. Spraying underway. Hay crop excellent in most areas. Livestock in good condition.

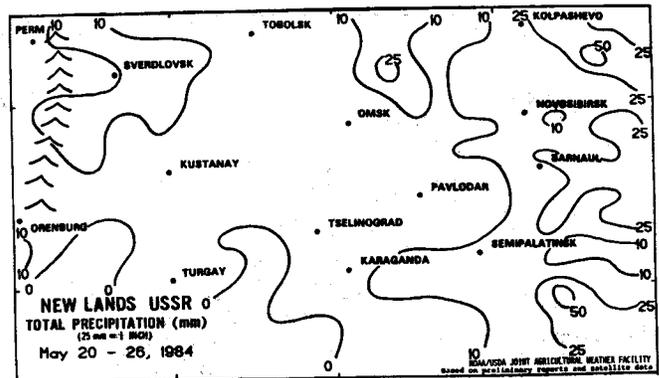
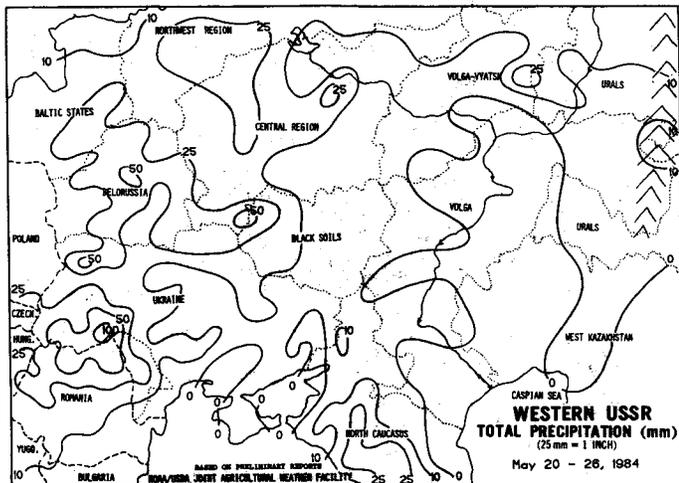
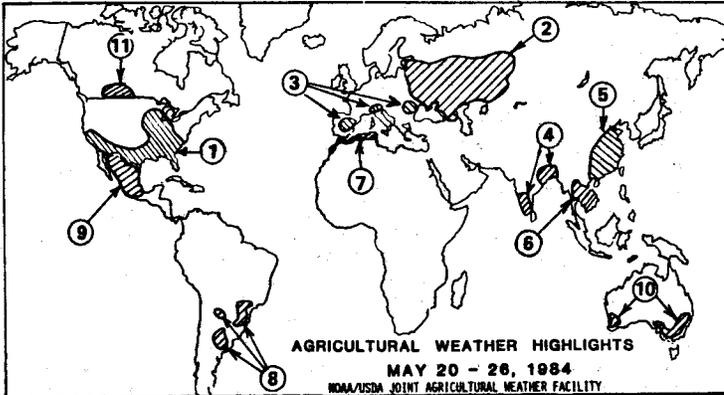
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International Weather and Crop Summary

May 20 to 26

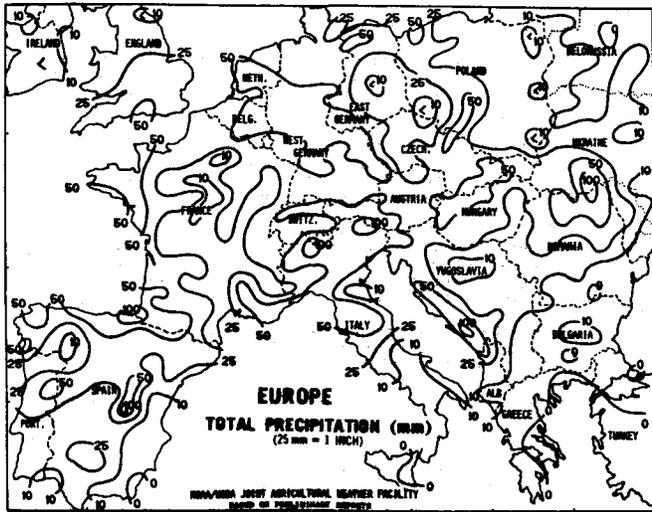
HIGHLIGHTS:

1. UNITED STATES ... Rain slows planting in the Corn Belt, lodges some wheat in eastern Oklahoma, but improves soil moisture across the South. Unusually hot, dry weather further deteriorates nonirrigated crops and ranges.
2. WESTERN USSR ... Moderate rain continues to favor winter grains in the west. Light and scattered showers did little to improve conditions in the east. More rain is needed in the western New Lands for spring planting.
3. EUROPE ... Locally heavy rain falls in north-central Romania, northern Italy, and northern Spain, causing localized flooding. The wetness is unfavorable for maturing grains in the Iberian Peninsula but showers aid crop development over the remainder of Europe.
4. SOUTH ASIA ... Premonsoon showers continue in the northeast and south. Seasonably dry conditions occur elsewhere. Summer planting normally begins in June.
5. EASTERN ASIA ... Rice crops are developing with favorable moisture conditions. Precipitation in the North China Plain benefits winter wheat and summer crops.
6. SOUTHEAST ASIA ... Monsoon rains favor most crop areas. Rice and corn planting continue in Thailand.
7. NORTHWESTERN AFRICA ... Showers fall over maturing grains in northwestern Algeria and Morocco, while dry weather prevails over crop areas of Tunisia. Dry weather is needed for harvesting.
8. SOUTH AMERICA ... Heavy rain floods southern Rio Grande do Sul likely causing some washout of newly sown wheat. Dry weather aids Brazil's coffee harvest and Argentina's soybean harvest. Timely showers in southern Buenos Aires improve planting conditions for winter wheat.
9. MEXICO ... Rains decrease to mostly light amounts over the eastern half of the country. However, heavy showers benefit some crops in Veracruz State.
10. AUSTRALIA ... Dry weather continues to limit topsoil moisture supplies for germination and emergence of winter wheat in eastern and southern crop areas. Frequent showers provide ample moisture for planting in the west.
11. CANADA ... Light showers fall over the southern Prairie Provinces but topsoils are too dry for uniform emergence of spring-sown crops. In northern crop areas, persistent wetness slows crop planting.

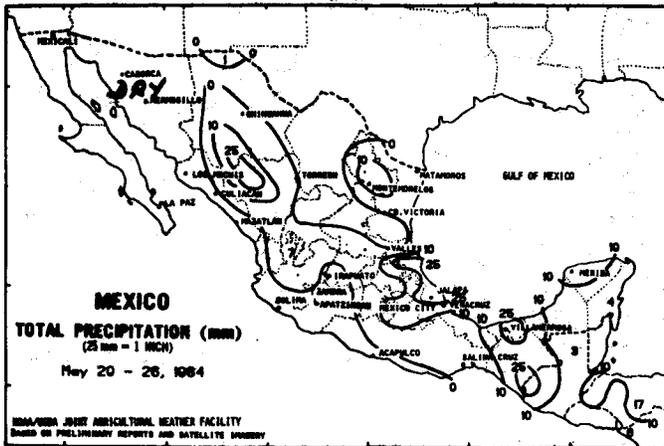


USSR...Precipitation continued to benefit western crop areas this week. Moderate rain, 10-50 mm, favored winter wheat in the western Ukraine, Belorussia, the Baltic States, southern North Caucasus, and western portions of the Central Region and the Black Soils. Light and widely scattered showers late in the week offered only slight relief for the chronically dry eastern crop areas. Above-normal temperatures have pushed winter wheat into the moisture-critical heading stage ahead of normal. The unfavorable conditions are also stressing emerging spring crops. Widespread showers are needed in the northern North Caucasus, Volga Valley, Volga Vyatsk, and eastern portions of the Black Soils and the Central Region to improve winter grain yield prospects and to provide favorable growing conditions for spring-sown crops.

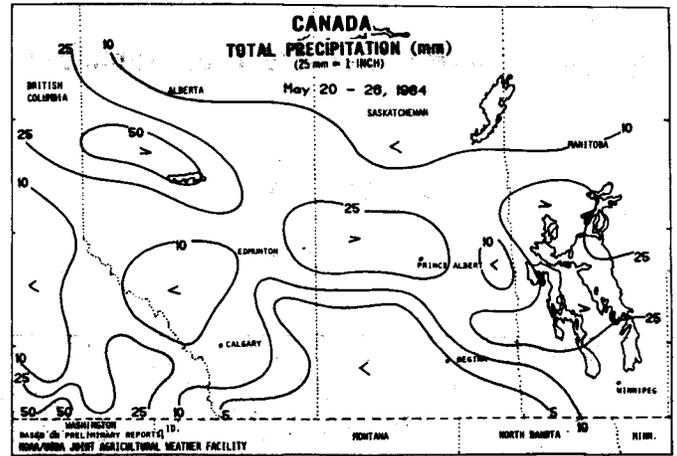
In the New Lands, light to moderate showers, 10-30 mm, continued in the eastern spring wheat areas. Moisture conditions are favorable for planting in the east, however, mostly dry, warm weather persists in the southwest. Only light showers, less than 10 mm, fell in the region from Kustanay to Karaganda. Above-normal temperatures have increased evaporation rates in the west. More rain is needed in the west for favorable planting and emergence of spring wheat.



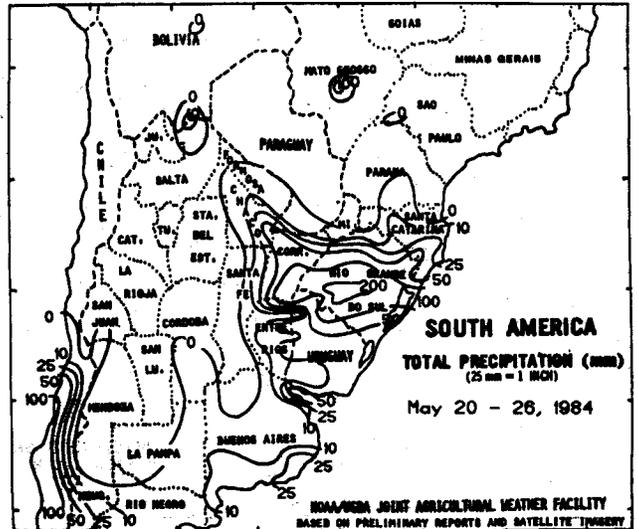
EUROPE...Widespread showers covered the entire region again, especially benefiting winter grains and newly sown spring crops in Poland, Hungary, and Czechoslovakia. Locally heavy rain fell for the second consecutive week in north-central crop areas of Romania. In northern Italy, locally heavy rains this week may have caused some flooding. Unusually heavy rain also fell over the northern half of Spain. While the recent moisture favored winter grains which are advancing into the heading stage across much of southern Europe, the wetness was unfavorable for maturing winter grains in the Iberian Peninsula. Showers over France provided additional soil moisture for germination and emergence of corn. Weekly temperatures averaged significantly below normal over Spain, southern France, and Italy, slowing crop growth. Temperatures were generally near average elsewhere.



MEXICO...Rains decreased considerably but still covered most of the east coast, Yucatan Peninsula, and parts of the southern and northwestern mountains. Amounts were generally light except in some sections of Veracruz State where 20 to 40 mm of rain fell, benefiting citrus, coffee, and sugarcane. Rainfall in the southern Plateau corn belt was very light, allowing dryness to continue hampering corn development. The rainy season was still not well pronounced over the northwestern mountain watersheds. In contrast, above-normal tropical cloudiness and showers blanketed parts of the western coast of central America and extended westward into the Pacific.

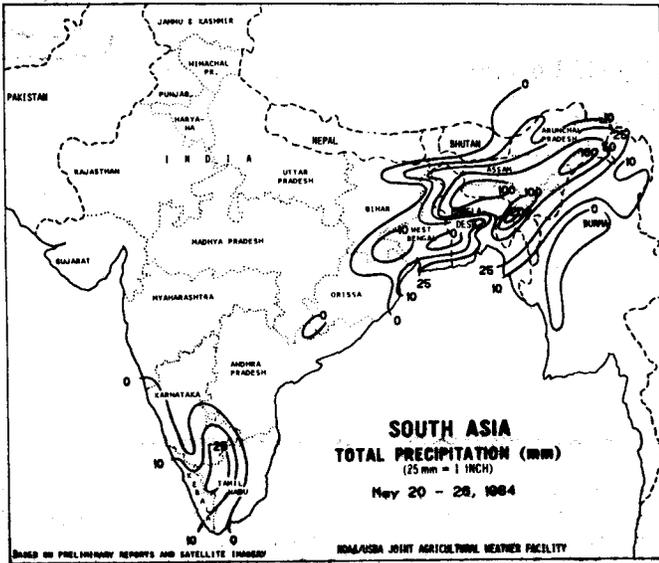


CANADA...Light showers fell across the southern half of the Prairie grain belt, producing less than 5 mm of weekly rainfall in much of southwestern Manitoba, southern Saskatchewan, and southern Alberta. Heavier rain (averaging 10-37 mm) fell across the northern crop areas where moisture supplies are already adequate to abundant for early crop growth. Persistent wetness is likely hampering late crop planting across the north. In contrast, dry topsoils are causing uneven crop emergence in southern crop areas where rainfall has been light during the planting season. While crop plantings have made rapid progress, except for recent rain delays in the north, moisture supplies are limited across the south for early growth. Rain is needed very soon to complete spring sowings and to improve growing conditions.

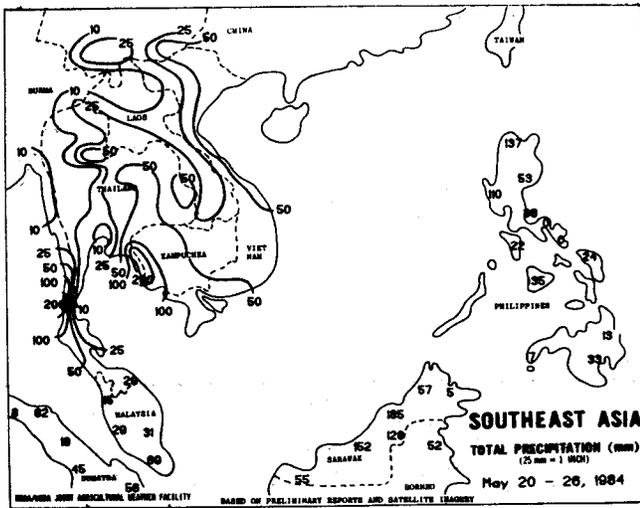


SOUTH AMERICA...Heavy rain inundated the southern half of Rio Grande do Sul, Brazil, causing flooding throughout southern wheat areas which likely had been planted. Weekly rainfall amounts in excess of 150 mm covered the area. Further north, dry weather aided coffee harvesting throughout Brazil's coffee belt. In Argentina, substantial rain fell along the borders of Brazil and Uruguay, but most soybean areas were relatively dry, aiding harvesting. Some locally heavy showers fell in the eastern cotton areas of Chaco, delaying late harvesting efforts. Beneficial showers for wheat planting fell over southern Buenos Aires. Recent dryness has reduced topsoil moisture supplies in both central and

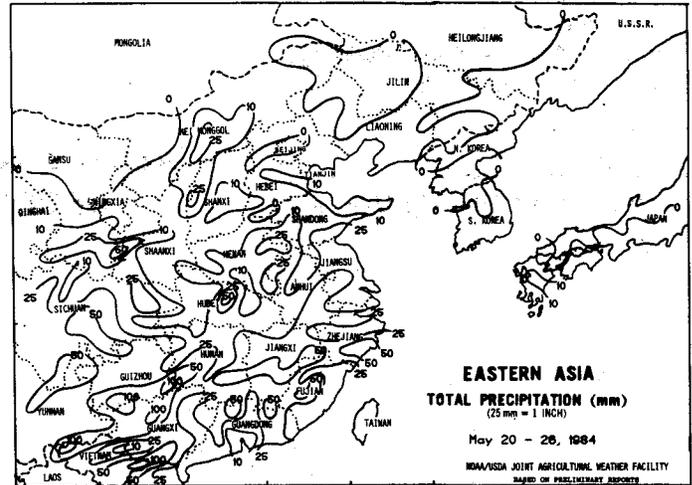
southern wheat areas. Wheat planting generally follows the soybean harvest in the central crop area.



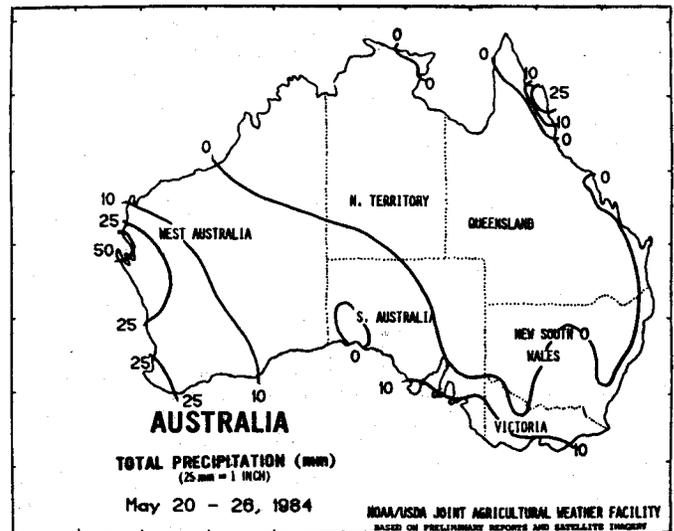
SOUTH ASIA... Precipitation in northeastern India continued at a moderate to heavy rate. Localized heavy rainfall (greater than 100 mm) in Assam and northern Bangladesh likely caused flood damage to recently planted rice. Light to moderate rain fell in southern India. Seasonably dry and hot weather prevailed in central and northern India, favoring the final stages of the wheat harvest. Summer crop planting normally begins with the onset of monsoon rains, which usually begin during early June.



SOUTHEAST ASIA... Most of Indochina received moderate rainfall during the week. Very heavy rain (greater than 200 mm) likely caused flooding along the southern Kampuchea-Thailand border. Scattered showers during the week produced 35-50 mm of rain over nearly all of eastern Thailand, benefiting planting of rice and corn. Western Thailand was relatively dry and would benefit from additional rain. Moderate to heavy rain in the northern Philippines favored early growth of rice. Moderate showers in the central and southern islands benefited rice in the vegetative stage.



EASTERN ASIA... Moderate to heavy precipitation, 25-100 mm, favored early rice in the heading stage and intermediate rice in the vegetative stage. Light to moderate showers in the Yangtze Valley slowed southern winter wheat harvesting, but benefited cotton, corn, and soybeans in the vegetative stage. Precipitation in the North China Plain increased this week. Portions of Hebei, Shandong, and Henan received 15-25 mm of rain. The moisture benefited winter wheat in the grain-filling stage and early growth of corn and soybeans. Temperatures averaged cooler than normal in most of eastern China, slowing crop growth and reducing evaporation rates in northern areas with limited soil moisture. However, above-normal temperatures, as high as 31° C in Heilongjiang, were unfavorable for early growth of corn and soybeans. Light showers fell in the region but more rain would be beneficial, especially in southern Manchuria.



AUSTRALIA... Showers continue to provide adequate moisture supplies for wheat planting and emergence in the west. In southern wheat areas of South Australia and Victoria, showers were mostly confined to coastal areas, leaving the crop areas with minimal weekly amounts (less than 5 mm). Similarly, dry weather covered most eastern crop areas of New South Wales and southeastern Queensland. Up to 60 percent of New South Wales' crop has been planted, but dry topsoils may hamper

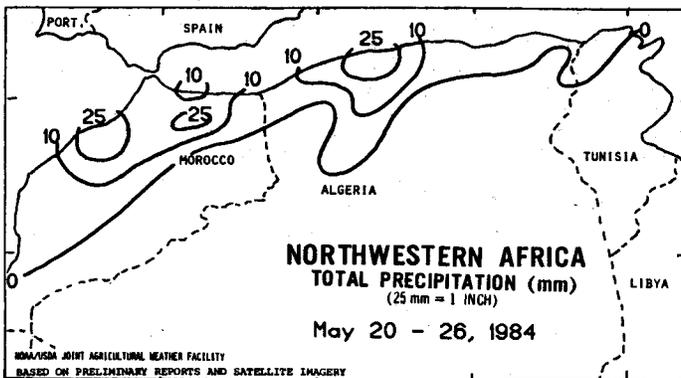


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germination. The untimely dryness in eastern and southern crop areas began with early land preparation for winter wheat planting. Mostly dry weather has continued to limit topsoil moisture supplies, which may cause uneven germination and emergence. Widespread rain is needed soon to alleviate potential stress conditions.

for ripening and harvesting. Persistent wetness would adversely affect the quality of mature grains. Dry weather occurred over crop areas of northeastern Algeria and Tunisia, favoring maturing grains and aiding harvesting.



(continued from p. 13)

PASTURES AND LIVESTOCK: Pastures and ranges were in fair to mostly good condition, except from California to central Texas where conditions were poor. Ample soil moisture and warm temperatures stimulated heavy growth in most areas. Livestock continued moving to summer pastures. Herds continued in fair to mostly good condition.

NORTHWESTERN AFRICA... Showers fell again early in the week over winter grain areas of Morocco and northwestern Algeria. The late season rains may help immature grains in the region. However, much of the crop is maturing and dry weather is needed

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