

WEEKLY WEATHER AND CROP BULLETIN

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

U.S. DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service
and World Agricultural Outlook Board

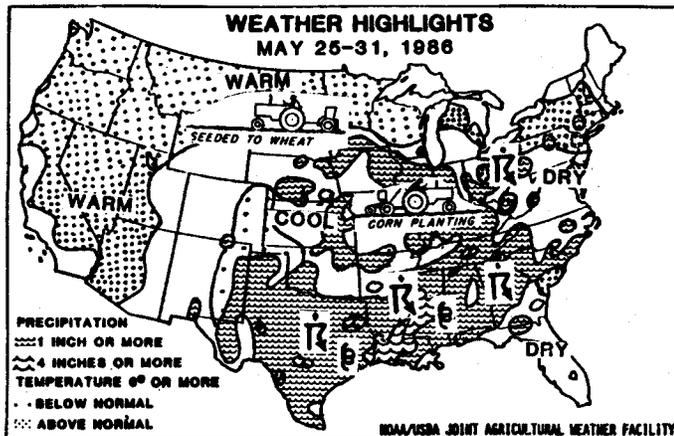
Volume 73, No. 22

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June 3, 1986

National Weather Summary

May 25 to 31, 1986



HIGHLIGHTS: Showers and thunderstorms covered most of Eastern United States. The northern Great Plains, the upper Great Lakes, parts of the mid-Atlantic and Northeast, and most of Florida was relatively dry. Much of the Southeastern part of the Nation and western Texas had beneficial rain. Severe weather was most widespread through Texas and from the lower Mississippi Valley to southwestern Pennsylvania. Warm weather covered most of the Nation, but the southern Rockies and adjacent High Plains were much cooler than normal. The West and the northern tier of States were much warmer than normal.

SUNDAY...Widespread showers and thunderstorms were reported throughout Texas and northward to the upper Mississippi Valley, from the central and lower Mississippi Valley to the middle Ohio Valley, and through the southern Appalachians and Carolinas. Nights were cool in the Plateau and Rockies, but afternoon highs were unusually warm in most of the West.

MONDAY...Heavy thunderstorms erupted from Texas to southern South Dakota, from the lower Mississippi Valley to the upper Ohio Valley, and through the Appalachians and Carolinas. A line of moderate to heavy storms developed from Iowa to southern Michigan. Unusually warm daytime temperatures persisted west of the Rockies and across southern Canada.

TUESDAY...Widespread thunderstorms were over much of Eastern United States. Thunderstorms dropped rain in the southern Rockies and southwestern Texas, from southeastern Texas to the upper Ohio Valley, on the Carolina coasts, in New Jersey, and

in New England. The relatively cool weather shifted eastward through the central Plains, and the West and East coasts were warm.

WEDNESDAY...Thunderstorms were not as widespread but produced light to moderate showers in the central and southern Rockies, from the central Plains through the Ohio Valley, and in the Carolinas. Severe weather and moderate to heavy showers reached from the lower Mississippi Valley to the Tennessee Valley and into western Georgia.

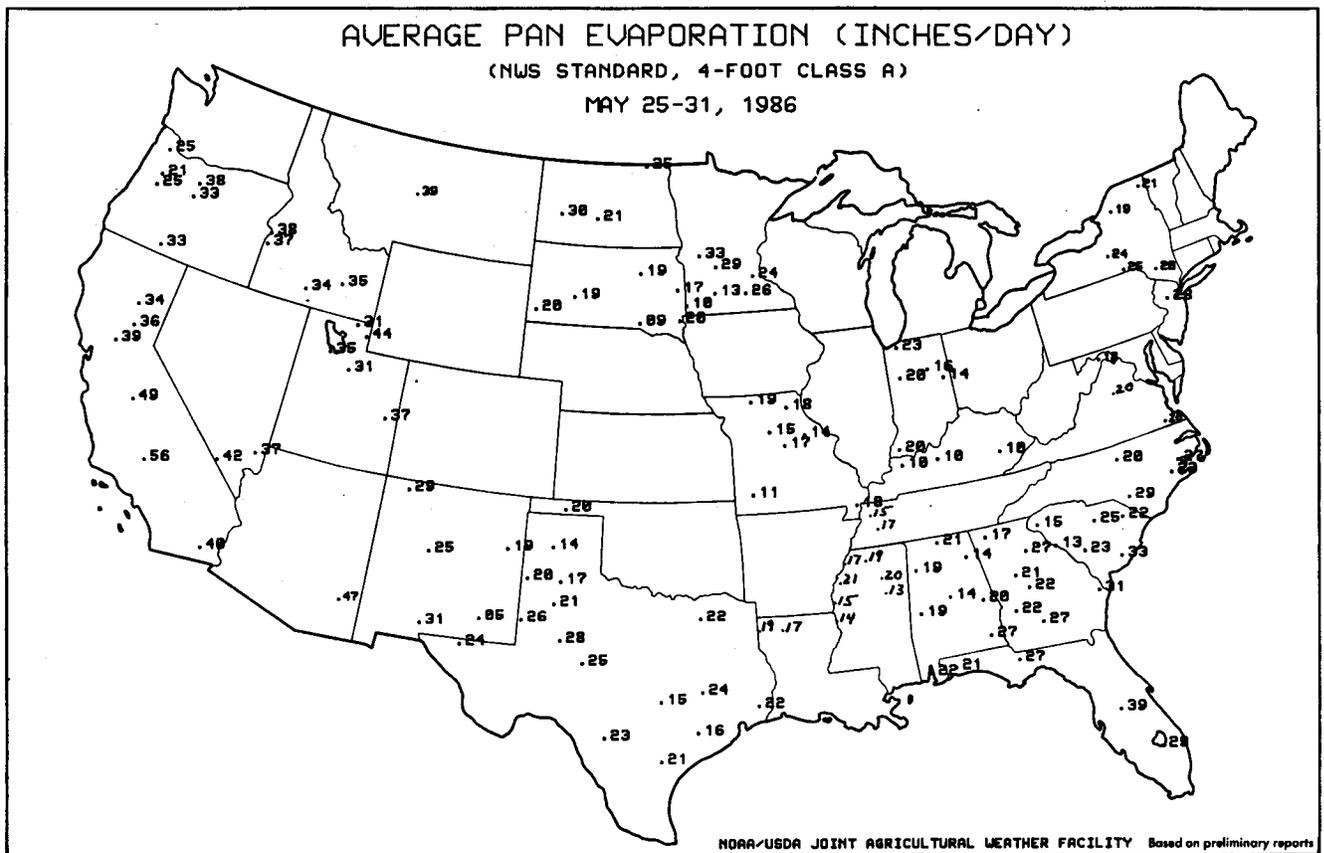
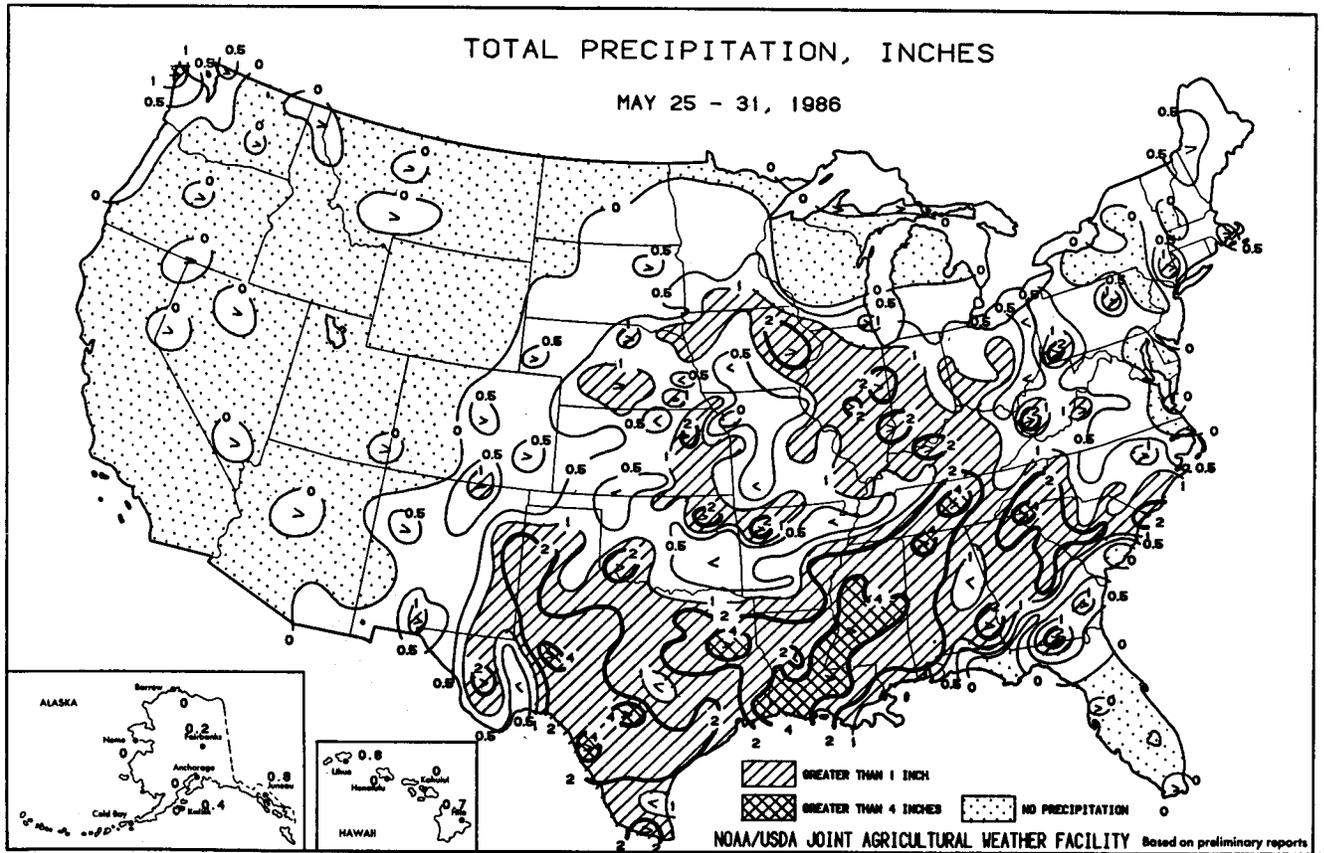
THURSDAY...It was still cool from northern New Mexico to Wyoming and through the Plains to Iowa. The rest of the Nation, including the northern tier of States, was unusually warm. Thunderstorms developed from southern and southwestern Texas to the southern and central Rockies, to southern Wisconsin. Thunderstorms were also scattered along the gulf coast to the western Florida Panhandle and through Alabama and Georgia to southern North Carolina.

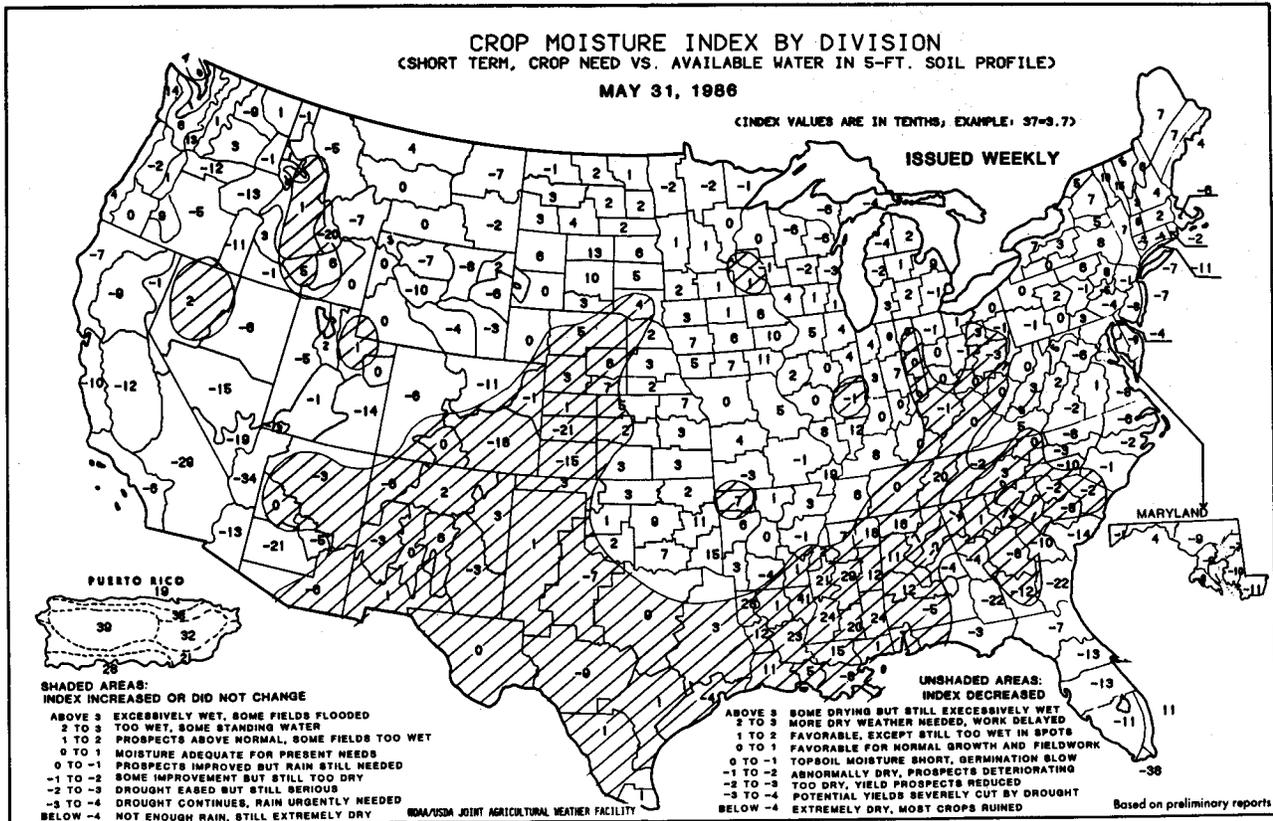
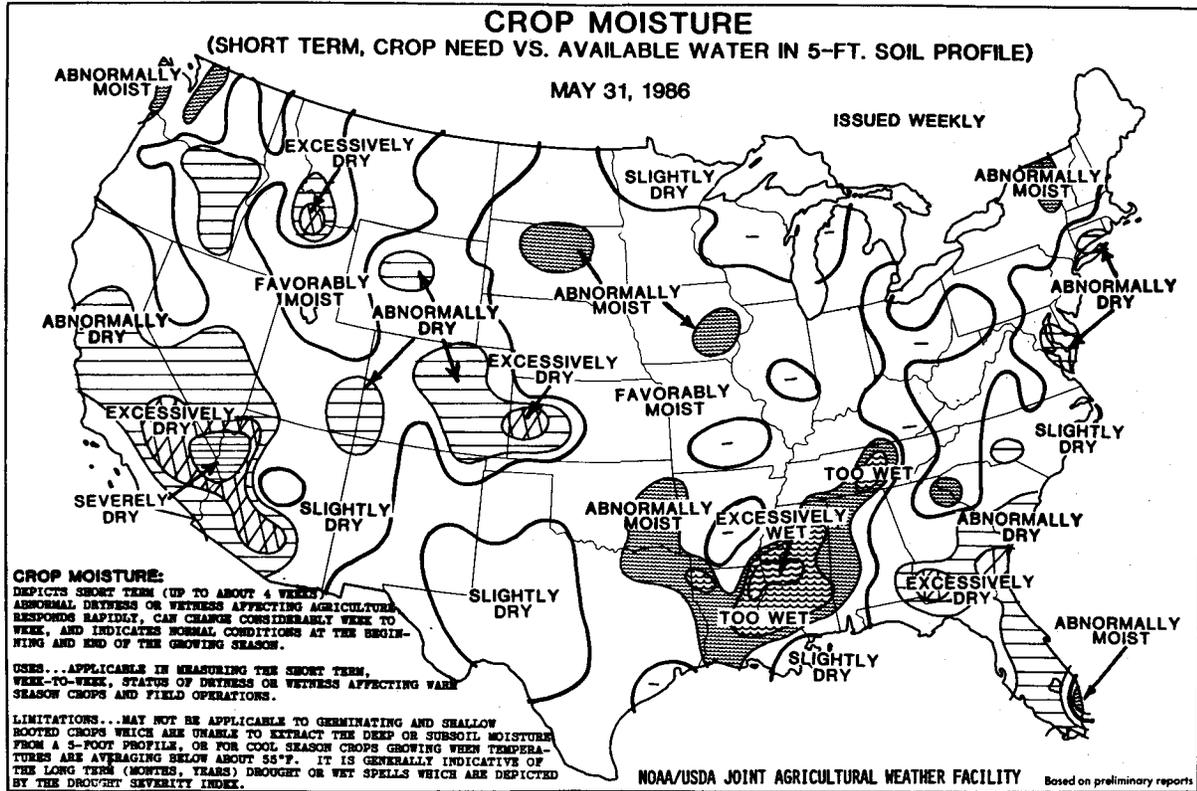
FRIDAY...Thunderstorms were scattered in part of the Southwest and the central and southern Plains. Strong thunderstorms produced severe weather and heavy rain from southeastern Texas to southern Mississippi. Lighter showers fell in the Southeast and from Ohio to eastern North Carolina.

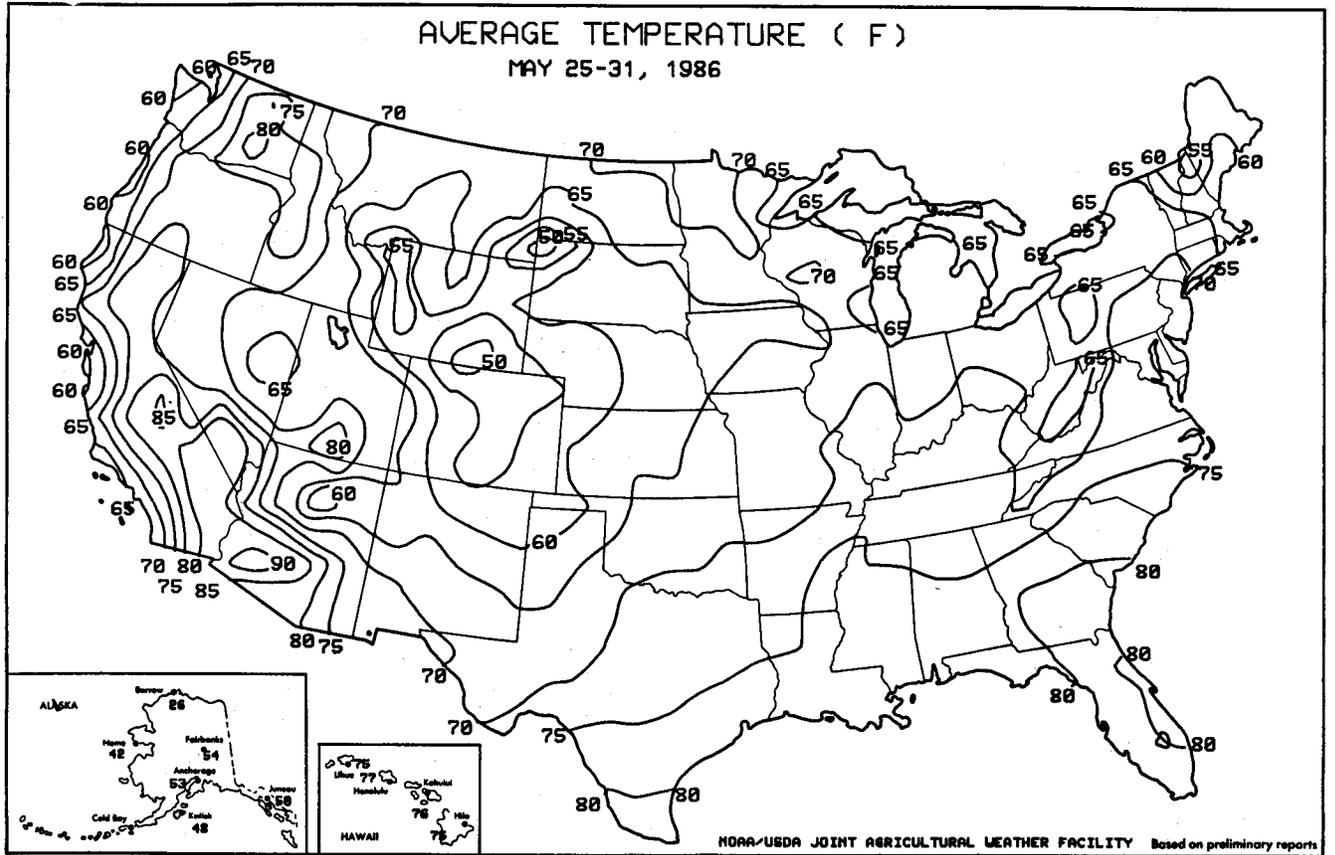
SATURDAY...Thunderstorms were again widespread in the southern Plains, the lower Mississippi Valley, and from the southern Rockies to the central and southern Plateau. Thunderstorms also produced moderate to heavy showers from northern Florida across southeastern Georgia. Some light showers fell from the eastern Great Lakes to southern New England. Unusually warm weather covered most of the Nation.

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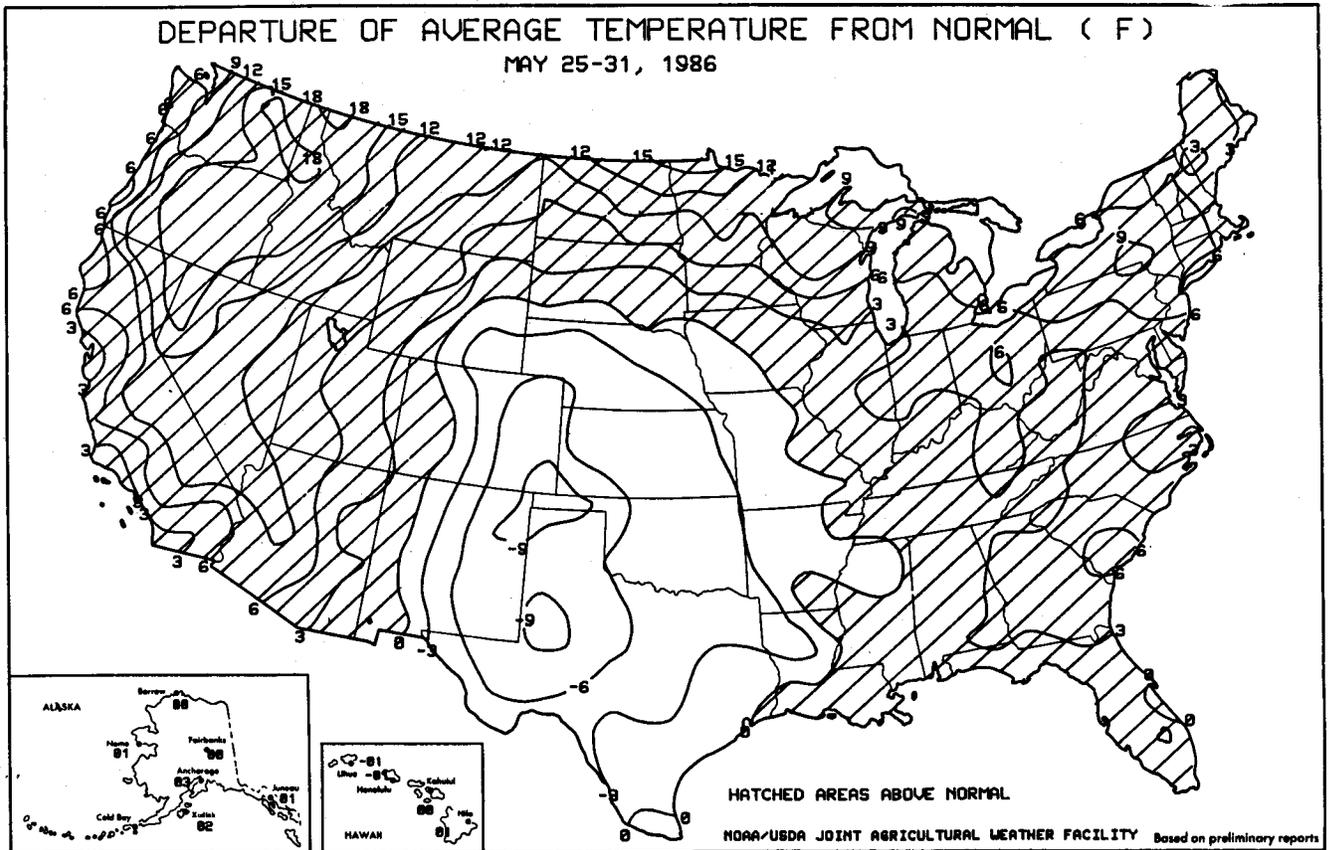
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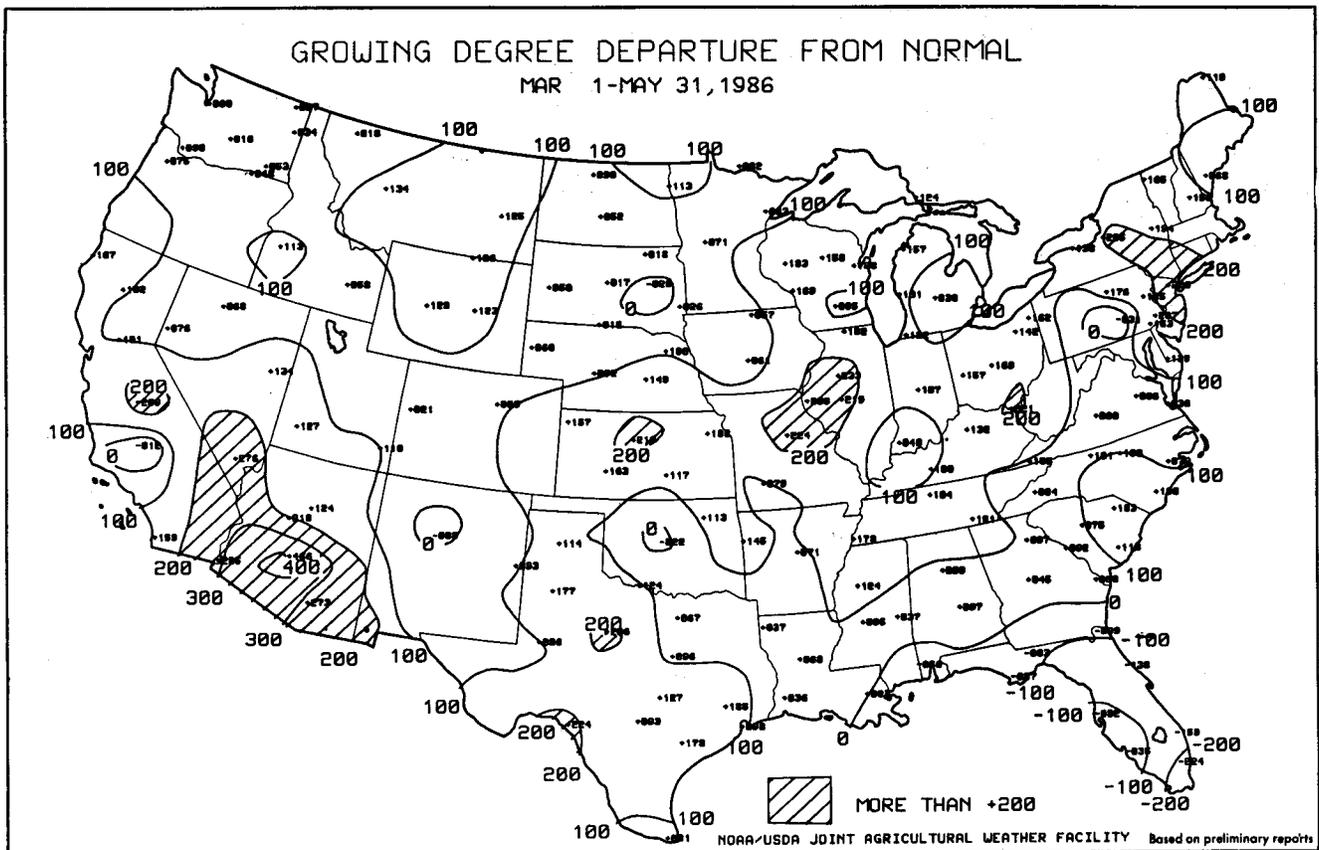
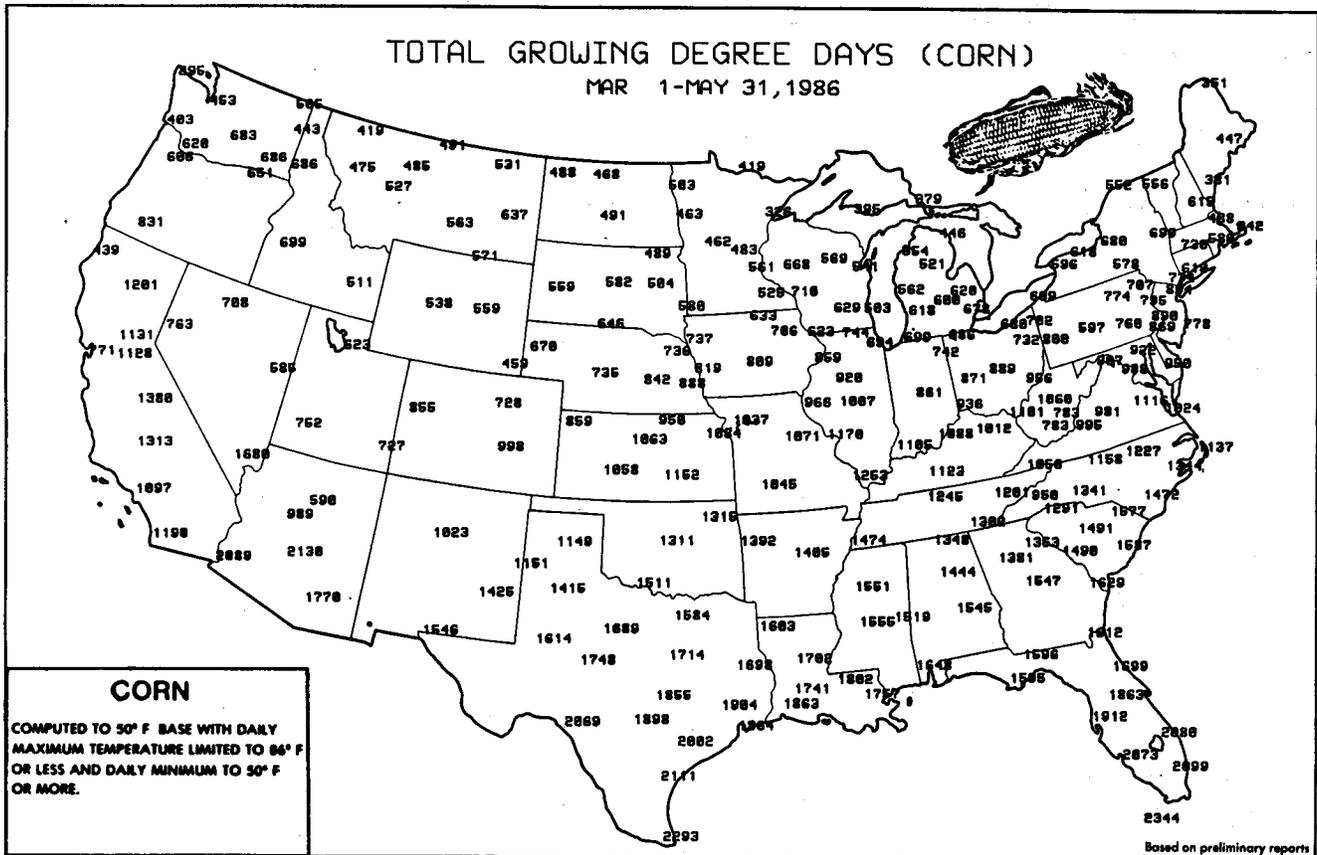






Point values may differ on these computerized maps from the reported values in the tables.





COOLING DEGREE DAY DATA WEEKLY SUMMARY
CLIMATE ANALYSIS CENTER-NHC-NAS-NOAA
ASSESSMENT AND INFORMATION SERVICES CENTER-NEOSIS-NOAA

LAST DATE OF DATA COLLECTION PERIOD IS 5-31-1986
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, STATE CITY, CALL WEEK, WEEK, WEEK, CUM, CUM, CUM, CUM, CUM. It lists weather data for various cities across the United States, including Birmingham, Houston, Los Angeles, and many others.

National Weather Data for Selected Cities

Weather Data for the Week Ending MAY 31, 1986

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR. 1	PCT. NORMAL SINCE MAR. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE					
																90 AND ABOVE	72 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE		
AL BIRMINGHAM	84	65	89	62	75	2	2.0	1.1	.9	6.8	42	9.7	37	97	58	0	0	5	2		
MOBILE	88	71	89	67	79	2	2.1	.9	1.0	10.9	63	17.7	66	98	57	0	0	4	1		
MONTGOMERY	87	68	89	64	77	2	1.0	.2	.7	14.5	101	21.7	94	97	53	0	0	4	0		
AK ANCHORAGE	61	44	67	41	53	3	T	-1	T	2.6	136	3.4	92	72	35	0	0	0	0		
BARROW	32	21	40	12	26	0	0	-1	T	.2	35	.5	56	89	68	7	0	0	0		
FAIRBANKS	66	43	73	37	54	0	0	-2	T	1.0	77	1.3	59	66	20	0	0	2	0		
JUNEAU	55	46	62	43	50	1	0	.8	T	12.0	124	22.3	130	98	74	0	0	6	0		
KODIAK	54	43	59	37	48	3	-4	-1.1	T	9.4	56	25.9	83	95	64	0	0	2	0		
NOME	52	32	61	25	42	1	1	T	T	.8	44	1.7	55	75	37	0	0	2	0		
AZ PHOENIX	102	76	105	73	89	8	T	T	T	1.6	128	2.9	116	35	37	4	0	0	0		
PRESCOTT	86	56	91	49	71	10	-4	-.3	T	2.3	84	3.5	58	12	18	7	0	0	0		
TUCSON	99	66	101	62	82	5	-4	-.4	T	1.7	152	3.8	146	48	18	1	0	0	0		
YUMA	104	74	107	69	89	7	0	-.4	T	.2	46	.5	50	47	14	7	0	2	0		
AR FORT SMITH	83	60	88	55	71	-2	T	-1.0	T	14.0	109	17.7	102	48	15	7	0	0	0		
LITTLE ROCK	82	64	87	61	73	0	0	-.8	T	13.5	90	17.0	76	88	59	0	0	2	0		
CA BAKERSFIELD	95	64	98	57	79	6	0	0	T	2.4	130	4.3	110	57	22	7	0	0	0		
EUREKA	63	52	72	49	57	4	T	-.3	T	10.1	105	27.3	125	96	77	0	0	0	0		
FRESNO	98	65	102	60	82	11	0	0	T	3.9	128	9.7	139	58	20	7	0	0	0		
LOS ANGELES	72	59	79	58	66	2	0	0	T	5.2	183	12.9	154	95	68	0	0	0	0		
RED BLUFF	94	62	99	57	78	7	0	0	T	8.4	181	21.9	175	80	27	6	0	0	0		
SACRAMENTO	90	56	95	53	73	5	0	0	T	4.1	112	16.3	154	91	31	4	0	0	0		
SAN DIEGO	70	62	73	61	66	2	0	0	T	4.2	162	7.6	123	86	66	0	0	0	0		
SAN FRANCISCO	69	52	73	51	61	2	T	0	T	6.4	142	18.6	150	96	59	0	0	0	0		
CO DENVER	68	45	77	39	56	-5	-1	-.4	T	4.3	78	5.2	78	79	33	0	0	2	0		
GRAND JUNCTION	83	52	84	50	67	1	0	-1	T	2.0	90	2.5	74	49	18	0	0	0	0		
PUEBLO	72	47	79	39	59	-6	-3	0	T	1.6	52	2.0	54	83	31	0	0	2	0		
CT BRIDGEPORT	80	60	88	55	70	8	T	-7	T	4.3	39	10.3	60	90	45	0	0	1	0		
HARTFORD	85	57	90	51	71	7	-1	-7	T	6.5	57	14.9	81	88	36	1	0	2	0		
DC WASHINGTON	84	63	92	58	73	4	T	-8	T	3.5	35	9.4	61	86	41	3	0	0	0		
FL APALACHICOLA	87	69	89	64	78	1	0	-8	T	6.9	67	16.1	93	97	62	0	0	0	0		
DAYTONA BEACH	88	65	92	62	77	0	T	-1.1	T	3.3	38	11.7	83	99	50	3	0	0	0		
JACKSONVILLE	92	69	95	66	80	4	1	-1.1	T	8.6	72	17.5	95	93	44	6	0	2	0		
KEY WEST	85	78	86	74	82	0	0	-9	T	2.8	47	6.1	63	84	67	0	0	1	0		
MIAMI	86	75	87	70	81	1	T	-1.9	T	19.2	167	26.0	167	81	59	0	0	0	0		
ORLANDO	93	68	96	65	81	1	0	-1.2	T	4.0	43	13.0	92	96	36	6	0	0	0		
TALLAHASSEE	93	65	96	59	79	2	T	-1.2	T	4.2	78	16.5	67	100	42	6	0	3	0		
TAMPA	93	71	94	67	82	3	0	-1.0	T	7.7	89	11.4	82	90	37	7	0	0	0		
WEST PALM BEACH	85	74	87	68	80	1	0	-1.7	T	7.4	62	15.3	88	83	60	0	0	0	0		
GA ATLANTA	86	66	90	64	76	4	1.2	-.4	T	7.6	53	11.0	46	96	47	1	0	4	1		
AUGUSTA	90	67	96	62	79	5	1.2	-.3	T	7.1	59	11.0	55	97	46	4	0	3	0		
MACON	91	67	95	63	79	4	1.7	-.8	T	5.4	44	11.2	53	99	44	4	0	4	2		
SAVANNAH	94	70	98	69	82	6	-.6	-.6	T	5.3	46	12.6	70	96	43	6	0	1	0		
HI HILO	82	69	86	67	75	1	-.7	-1.0	T	66.8	185	72.2	123	92	60	0	0	6	0		
HONOLULU	85	70	87	67	77	-1	T	-.3	T	1.3	21	2.8	22	80	47	0	0	0	0		
KAHULUI	82	69	83	68	76	-1	T	-.3	T	7.2	150	9.4	76	82	56	0	0	0	0		
LIHUE	80	70	82	66	75	-1	-.8	-.2	T	5.8	54	7.1	34	86	59	0	0	2	0		
ID BOISE	95	59	98	55	77	17	0	-.3	T	4.6	135	9.4	154	67	19	7	0	0	0		
LEWISTON	94	63	99	55	79	18	0	0	T	1.7	47	4.4	76	65	30	6	0	0	0		
POCATELLO	85	47	89	38	66	9	0	-.3	T	5.3	162	9.0	170	85	22	0	0	0	0		
IL CHICAGO	74	56	87	50	65	2	-.7	-.1	T	6.5	69	9.4	76	95	60	0	0	3	0		
MOLINE	75	57	85	50	66	1	1.7	-.7	T	10.1	92	13.0	94	98	61	0	0	5	1		
PEORIA	78	59	86	56	68	3	-.3	-.5	T	5.2	50	7.2	53	99	57	0	0	3	0		
QUINCY	76	59	84	56	67	0	-.4	-.6	T	7.9	69	10.0	70	99	60	0	0	3	0		
ROCKFORD	76	58	86	53	67	4	-.8	-.1	T	7.8	74	10.9	83	96	58	0	0	3	0		
SPRINGFIELD	79	60	86	57	70	2	1.3	-.5	T	5.6	53	7.4	54	95	51	0	0	3	0		
IN EVANSVILLE	79	63	86	59	71	2	1.0	-.1	T	7.9	60	14.8	78	100	63	0	0	2	1		
FORT WAYNE	76	58	84	54	67	3	-.6	-.2	T	9.0	91	12.6	90	99	62	0	0	2	1		
INDIANAPOLIS	77	61	84	59	69	3	1.6	-.8	T	15.5	141	19.1	119	97	58	0	0	2	2		
SOUTH BEND	76	57	86	53	66	3	-.6	-.1	T	7.5	75	11.2	78	97	60	0	0	3	0		
IA DES MOINES	74	57	86	53	66	0	-.5	-.5	T	13.0	138	14.8	129	91	55	0	0	5	0		
SIoux CITY	73	54	85	47	64	-2	1.2	-.3	T	12.0	162	12.8	142	99	59	0	0	5	1		
WATERLOO	73	57	87	52	65	2	3.2	2.2	T	10.7	107	13.4	114	98	66	0	0	4	2		
KS CONCORDIA	73	52	83	47	62	-5	-.1	-1.0	T	9.0	110	10.2	106	98	52	0	0	1	0		
DODGE CITY	73	51	82	43	62	-6	-.9	-.2	T	3.6	55	4.1	54	96	43	0	0	4	1		
GOODLAND	67	47	78	41	57	-6	-.9	-.2	T	5.4	106	5.9	100	95	54	0	0	5	1		
TOPEKA	78	55	86	50	67	-2	-.1	-1.0	T	12.0	130	13.6	121	97	46	0	0	1	0		
WICHITA	76	54	83	46	65	-5	-.5	-.3	T	6.0	73	7.3	74	93	48	0	0	2	0		
KY BOWLING GREEN	78	63	83	60	71	1	-.8	-.2	T	9.6	69	14.3	64	100	66	0	0	3	1		
LEXINGTON	78	63	84	57	70	3	1.6	-.6	T	7.3	56	10.3	52	97	63	0	0	3	2		
LOUISVILLE	79	65	86	63	72	3	1.7	-.8	T	8.0	62	12.8	65	98	59	0	0	4	1		
LA ALEXANDRIA	83	68	86	66	75	-2	1.8	-.5	T	8.1	48	11.4	42	89	68	0	0	4	3		
BATON ROUGE	87	70	91	68	78	1	5.3	4.5	T	13.9	92	19.0	77	96	61	1	0	4	2		
LAKE CHARLES	87	71	91	69	79	2	4.2	3.1	T	10.7	88	14.4	71	99	61	1	0	4	2		
NEW ORLEANS	88	70	91	67	79	2	-.7	-.4	T	4.9	34	11.4	47	99	59	1	0	4	3		

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS.

Weather Data for the Week Ending MAY 31, 1986

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR. 1	PCT. NORMAL SINCE MAR. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE °F		PRECIPITATION	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
SHREVEPORT	83	64	89	58	73	-3	2.8	1.9	2.3	10.8	82	14.7	71	99	56	0	0	4	1
ME CARIBOU	72	46	82	39	59	4	.2	-.5	.1	6.6	83	12.6	102	86	35	0	0	3	0
PORTLAND	71	49	81	41	60	4	.1	-.6	0	10.2	92	19.4	105	92	50	0	0	3	0
MD BALTIMORE	86	61	93	54	73	6	T	-.8	T	4.0	38	9.9	60	84	36	3	0	0	0
SALISBURY	84	58	92	46	71	4	T	-.8	T	3.1	29	11.0	64	97	39	3	0	0	0
MA BOSTON	77	56	89	47	67	4	.1	-.7	-.1	6.3	55	12.6	66	82	47	0	0	0	1
CHATHAM	67	52	82	47	60	4	.2	-.6	-.2	6.7	57	12.3	61	96	72	0	0	2	0
MI ALPENA	79	48	90	40	63	8	T	-.7	T	6.5	90	8.6	83	96	42	1	0	0	0
DETROIT	80	59	89	54	69	7	.2	-.5	-.2	6.4	75	11.2	93	95	54	0	0	0	0
FLINT	79	55	85	48	67	7	T	-.6	T	5.8	73	8.6	78	88	48	0	0	1	0
GRAND RAPIDS	77	55	81	47	66	4	.2	-.5	-.2	5.8	97	13.2	106	96	57	0	0	1	0
HOUGHTON LAKE	80	53	87	40	67	9	0	-.6	0	5.7	80	8.5	87	92	37	0	0	0	0
LANSING	78	55	85	47	66	5	.2	-.5	-.2	5.3	69	8.8	80	96	50	0	0	0	0
MARQUETTE	80	43	93	40	62	6	T	-.9	T	7.2	69	11.3	79	92	36	2	0	1	1
MUSKEGON	77	55	80	48	66	6	.1	-.5	.1	5.7	69	9.4	76	93	53	0	0	1	0
SAULT STE. MARIE	78	46	84	43	62	9	.1	-.6	.1	7.1	97	9.8	88	98	44	0	0	1	1
MN ALEXANDRIA	80	58	88	51	69	9	.1	-.7	-.1	10.5	167	12.6	162	87	38	0	0	1	0
DULUTH	79	47	90	42	63	9	.1	-.7	-.1	7.7	109	9.1	99	94	38	1	1	1	0
INT'L FALLS	87	54	92	46	70	15	T	-.7	T	4.1	79	5.6	84	84	30	3	0	0	0
MINNEAPOLIS	80	58	90	52	69	6	.8	-.1	-.8	11.4	164	13.2	153	92	44	1	1	2	1
ROCHESTER	74	56	87	49	65	4	1.0	.1	.8	9.4	122	10.6	116	96	60	0	0	2	1
MS GREENWOOD	82	67	87	63	74	-1	4.4	3.5	1.1	12.1	73	14.1	54	99	63	0	0	4	4
JACKSON	83	68	89	66	76	0	7.2	6.4	2.9	15.1	91	17.4	67	98	66	0	0	7	4
MERIDIAN	85	67	90	66	76	2	3.9	3.1	2.3	12.6	78	16.0	62	98	66	1	0	6	3
MO CAPE GIRARDEAU	81	64	87	59	72	-1	1.1	-.1	-.9	17.4	121	21.2	104	99	55	0	0	2	1
COLUMBIA	78	58	84	55	68	1	.6	-.4	.5	9.2	80	13.3	89	99	56	0	0	3	0
KANSAS CITY	78	54	86	49	66	-2	0	-.1	0	7.9	79	9.2	75	96	47	0	0	0	0
SAINT LOUIS	79	62	86	57	70	1	.6	-.3	-.4	4.9	47	9.7	68	98	56	0	0	2	0
SPRINGFIELD	76	55	83	48	66	-3	.2	-.9	-.2	9.0	76	11.0	71	98	52	0	0	0	0
MT BILLINGS	83	49	90	43	66	7	0	-.6	0	5.7	106	7.8	110	74	20	1	0	0	0
GLASGOW	85	52	93	45	69	10	0	-.5	0	3.2	106	4.1	105	76	27	2	0	0	0
GREAT FALLS	84	53	89	45	68	12	T	-.6	T	4.7	96	6.0	90	76	29	0	0	1	0
HAVRE	84	52	89	45	68	10	0	-.4	0	4.6	142	5.7	136	83	29	0	0	0	0
HELENA	88	50	92	41	69	14	0	-.5	0	2.4	69	3.9	87	71	19	4	0	0	0
KALISPELL	90	53	94	43	71	17	0	-.5	0	3.6	98	7.7	122	85	21	6	0	0	0
MILES CITY	83	54	92	43	68	8	T	-.6	T	4.6	108	5.8	107	75	29	1	0	0	0
MISSOULA	91	51	95	42	71	16	T	-.4	T	2.7	79	5.8	102	90	25	5	0	0	0
NE GRAND ISLAND	72	53	84	50	63	-3	1.1	-.2	-.5	7.6	96	8.0	87	97	55	0	0	4	1
LINCOLN	75	54	85	48	64	-2	-.4	-.5	-.3	11.1	129	11.7	115	96	53	0	0	3	0
NORFOLK	71	54	84	48	63	-2	-.7	-.3	-.5	10.4	140	11.6	132	96	57	0	0	3	0
NORTH PLATTE	67	46	78	42	57	-5	1.0	-.2	-.4	7.3	115	8.4	115	96	57	0	0	4	0
OMAHA	72	56	84	50	64	-2	1.6	-.5	-.5	13.9	154	14.9	139	94	60	0	0	4	0
SCOTTSDUFF	71	43	82	38	57	-5	-.3	-.4	-.3	4.8	95	6.8	115	95	38	0	0	1	0
VALENTINE	71	49	82	44	60	-2	-.4	-.3	-.2	6.0	110	6.8	108	91	49	0	0	4	0
NV ELY	86	39	88	34	63	9	0	-.2	0	3.3	112	4.3	100	66	16	0	0	0	0
LAS VEGAS	102	72	104	66	87	10	T	0	T	-.4	51	.8	44	25	10	7	0	0	0
RENO	93	52	96	47	73	15	.2	0	-.1	1.9	99	7.2	176	69	12	7	0	2	0
WINNEMUCCA	94	46	96	40	70	12	.2	0	-.2	2.2	96	3.4	89	63	13	7	0	0	0
NH CONCORD	81	49	88	41	65	6	.2	-.5	-.1	6.9	77	14.1	100	99	38	0	0	3	0
NJ ATLANTIC CITY	83	55	93	44	69	5	T	-.6	T	7.1	68	14.3	84	74	38	2	0	0	0
NM ALBUQUERQUE	76	54	84	49	65	-3	.2	-.2	.2	1.6	117	2.8	127	76	32	0	0	2	0
CLOVIS	69	54	76	47	61	-6	2.2	1.7	.8	3.0	85	4.2	91	83	47	0	0	7	2
ROSWELL	77	56	82	52	66	-8	-.9	-.7	-.5	1.4	96	2.5	132	88	41	0	0	5	1
NY ALBANY	83	55	88	48	69	7	.2	-.6	-.2	8.4	90	14.6	105	97	40	0	0	1	0
BINGHAMTON	79	57	85	53	68	9	0	-.8	0	9.2	100	15.3	109	90	42	0	0	0	0
BUFFALO	77	58	82	51	68	7	.1	-.6	.1	9.8	110	14.7	103	92	49	0	0	1	0
NEW YORK	86	64	95	57	75	10	.7	-.1	-.7	7.0	62	14.2	81	83	37	2	0	1	1
ROCHESTER	80	55	85	50	68	7	0	-.6	0	7.4	95	11.5	93	94	43	0	0	0	0
SYRACUSE	80	56	87	50	68	7	T	-.7	T	8.9	93	13.5	91	96	47	0	0	1	0
NC ASHEVILLE	77	60	83	58	68	2	2.2	1.2	1.0	6.9	52	9.8	49	99	58	0	0	4	2
CHARLOTTE	84	67	89	64	75	4	.6	-.3	-.3	5.8	49	7.8	40	96	54	0	0	6	0
GREENSBORO	82	64	90	61	73	3	.1	-.8	0	3.7	35	6.0	35	93	53	1	0	2	0
HATTERAS	80	65	84	60	73	3	T	-.9	T	6.4	56	13.5	67	96	58	0	0	1	0
NEW BERN	84	66	89	61	75	3	.2	-.9	-.2	8.6	78	13.6	72	96	52	0	0	2	0
RALEIGH	81	63	88	60	72	2	.5	-.3	-.4	7.1	69	10.6	61	97	52	0	0	3	0
WILMINGTON	86	68	92	66	77	4	1.7	-.6	1.2	11.7	104	16.3	89	94	55	2	0	4	1
ND BISMARCK	82	48	92	37	65	6	.1	-.5	-.1	6.9	156	7.5	139	96	36	1	0	1	0
FARGO	85	52	93	45	68	8	T	-.5	T	6.4	128	7.5	127	90	34	2	0	2	0
GRAND FORKS	88	56	96	49	72	14	.1	-.5	.1	4.2	102	5.1	96	78	25	5	0	1	0
WILLISTON	82	50	93	46	66	8	0	-.5	0	6.7	181	7.7	160	92	34	1	0	0	0
OH AKRON-CANTON	78	57	83	52	67	4	.6	-.2	-.5	6.0	59	10.5	70	98	53	0	0	2	1
CINCINNATI	78	61	84	57	70	3	.9	0	.6	8.2	72	12.1	70	99	63	0	0	3	1
CLEVELAND	78	57	87	53	67	5	.6	-.2	.6	10.7	111	16.0	112	94	52	0	0	1	1
COLUMBUS	80	61	85	57	70	5	.9	0	.8	6.1	58	10.6	69	95	53	0	0	3	1

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS.

Weather Data for the Week Ending MAY 31, 1986

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR. 1	PCT. NORMAL SINCE MAR. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	TEMPERATURE °F		PRECIPITATION	
																		.01 INCH OR MORE	.50 INCH OR MORE		
DAYTON	80	61	84	56	70	4	.9	0	.6	9.0	88	14.3	96	95	53	0	0	3	1		
TOLEDO	78	57	87	52	68	5	.5	-2	.5	7.6	88	11.0	89	98	56	0	0	3	1		
YOUNGSTOWN	78	55	85	45	67	6	.5	-3	.5	7.2	72	10.3	69	100	53	0	0	1	0		
OK OKLAHOMA CITY	78	61	82	56	69	-2	1.0	-2	.8	13.7	15.0	118	92	48	0	0	0	0	0		
TULSA	78	61	84	56	70	-3	2.6	1.4	1.4	14.4	116	15.6	101	97	50	0	0	3	2		
OR ASTORIA	68	50	78	44	59	5	.1	-5	0	12.3	84	32.9	97	95	67	0	0	2	0		
BURNS	89	56	94	47	73	17	.1	-2	0	2.0	117	6.8	272	117	67	3	3	2	0		
MEDFORD	92	58	103	53	75	15	0	0	0	2.5	60	9.7	100	87	33	0	0	0	0		
PENDLETON	91	63	100	56	77	15	0	0	0	2.7	87	7.0	117	76	29	3	3	0	0		
PORTLAND	83	57	92	52	70	11	T	T	T	6.7	84	16.7	92	88	45	2	2	0	0		
SALEM	82	55	91	48	69	11	T	T	T	6.3	73	20.8	102	93	50	2	2	0	0		
PA ALLENTOWN	84	60	90	54	72	8	T	T	T	8.2	72	16.8	94	82	35	1	1	0	0		
ERIE	76	58	82	49	67	8	.6	-2	.6	10.1	105	15.2	106	91	51	0	0	1	0		
HARRISBURG	81	59	88	52	70	4	T	T	T	9.6	92	16.3	101	85	44	3	3	1	0		
PHILADELPHIA	85	60	93	54	73	6	T	T	T	6.4	61	13.9	84	92	38	0	0	1	0		
PITTSBURGH	79	57	85	47	68	5	.6	-2	.5	4.9	47	10.8	69	89	44	0	0	2	1		
SCRANTON	81	57	87	52	69	7	T	T	T	9.4	107	14.6	111	87	40	0	0	0	0		
RI PROVIDENCE	79	56	89	44	67	6	.3	-4	.3	7.2	62	16.2	83	81	42	0	0	0	0		
SC CHARLESTON	90	71	96	68	81	6	T	T	T	4.4	39	10.6	59	99	51	4	4	0	0		
COLUMBIA	90	67	95	60	79	4	.9	0	.6	4.7	37	7.2	34	94	41	4	4	0	1		
FLORENCE	87	67	92	64	77	3	1.0	-1	.7	5.6	54	7.9	46	97	52	0	0	3	1		
GREENVILLE	82	64	89	63	73	2	3.3	2.3	3.3	10.1	70	12.6	55	99	61	0	0	3	1		
SD ABERDEEN	79	53	85	47	66	5	T	T	T	11.2	204	12.3	186	94	42	0	0	0	0		
HURON	76	51	83	48	63	2	.1	-6	.1	9.8	166	10.7	151	100	54	0	0	2	0		
RAPID CITY	74	48	84	45	61	1	T	T	T	7.1	127	8.5	127	93	40	0	0	4	0		
STOIX FALLS	74	54	84	51	64	1	.2	-6	.1	9.1	127	9.8	114	95	62	0	0	4	0		
TN CHATTANOOGA	82	64	88	61	73	3	1.4	.6	.8	5.8	39	10.5	42	100	62	0	0	3	1		
KNOXVILLE	83	63	86	60	73	3	1.0	.1	.5	6.3	49	11.3	52	100	56	0	0	3	0		
MEMPHIS	84	66	89	62	75	1	1.0	0	.8	10.3	63	13.4	53	98	54	0	0	3	1		
NASHVILLE	80	64	84	62	72	1	1.7	.7	.8	6.2	42	9.9	43	100	63	0	0	6	2		
TX ABILENE	78	60	85	54	69	-6	3.0	2.3	1.5	5.5	83	7.0	81	94	52	0	0	6	3		
AMARILLO	70	52	74	46	61	-9	1.9	1.2	1.3	4.1	87	5.1	88	96	54	0	0	5	1		
AUSTIN	82	67	87	62	75	-3	.6	-4	.3	9.2	103	10.8	82	92	52	0	0	5	0		
BEAUMONT	86	70	89	68	78	0	4.9	3.9	2.1	14.6	127	17.5	90	97	62	0	0	4	3		
BROWNSVILLE	89	73	91	71	81	0	1.2	.6	.6	3.8	89	5.0	71	97	59	4	0	2	2		
CORPUS CHRISTI	86	71	89	68	79	-2	2.3	1.5	1.1	5.9	101	8.7	96	97	61	0	0	5	1		
DEL RIO	84	67	90	62	76	-5	2.1	1.7	1.0	4.2	94	6.1	103	79	44	1	0	3	2		
EL PASO	86	59	96	55	73	-3	.8	.8	.4	1.2	163	1.6	100	78	29	2	2	4	0		
FORT WORTH	82	62	90	55	72	-5	1.7	.8	1.6	11.9	115	14.4	104	92	46	1	0	2	1		
GALVESTON	84	73	85	70	78	0	.8	.1	.5	5.6	69	8.0	60	91	49	0	0	4	0		
HOUSTON	85	69	89	66	77	0	1.6	.6	.7	8.3	72	11.8	65	91	60	0	0	4	2		
LUBBOCK	74	56	80	51	65	-8	1.4	.7	.5	2.9	64	3.9	71	99	52	0	0	4	1		
MIDLAND	76	58	86	52	67	-9	3.5	3.1	1.5	3.8	111	4.2	95	100	55	0	0	6	3		
SAN ANGELO	78	60	85	55	69	-8	3.8	3.3	1.1	8.2	162	9.1	140	96	55	0	0	6	4		
SAN ANTONIO	83	67	88	63	75	-3	4.8	4.0	1.3	7.2	94	10.5	95	95	55	0	0	5	5		
VICTORIA	85	70	91	67	78	-3	3.3	2.1	1.3	8.1	96	9.7	78	97	62	1	0	5	4		
WACO	84	63	89	55	73	-4	2.6	1.6	2.5	10.9	104	15.5	109	96	48	0	0	3	1		
WICHITA FALLS	80	61	85	57	70	-5	1.4	.4	.7	7.9	87	9.0	81	92	49	0	0	4	2		
UT BLANDING	80	51	84	48	66	8	T	T	T	2.8	137	4.5	102	58	26	0	0	1	0		
CEDAR CITY	87	50	90	45	68	8	0	-1	0	3.3	116	4.1	95	58	15	2	0	0	0		
VT BURLINGTON	82	54	85	45	68	6	0	-3	0	10.3	190	12.4	153	66	24	0	0	0	0		
VA NORFOLK	78	52	87	47	65	6	.1	-6	0	8.2	104	13.6	118	95	40	0	0	5	0		
RICHMOND	84	61	90	56	72	3	T	T	T	5.4	52	10.6	61	91	45	1	0	1	0		
ROANOKE	77	61	87	55	69	1	.8	0	.7	7.2	70	11.0	67	97	65	0	0	4	1		
WA COLVILLE	91	56	95	50	74	16	.2	-3	.2	6.6	171	12.0	158	79	33	6	0	1	0		
QUILLAYUTE	71	47	90	39	59	6	1.1	.2	.5	30.3	131	59.1	117	98	54	1	0	3	2		
SEATTLE-TACOMA	77	57	86	50	67	10	T	T	T	5.8	76	18.7	105	78	46	0	0	1	0		
SPOKANE	91	58	96	54	74	17	T	T	T	4.0	104	9.1	115	73	24	4	0	0	0		
YAKIMA	93	56	102	50	75	14	T	T	T	1.8	112	4.9	129	82	26	4	0	0	0		
WV BECKLEY	72	57	78	52	65	2	.8	-1	.5	8.9	77	13.1	72	100	69	0	0	5	0		
CHARLESTON	79	61	83	54	70	3	1.4	.6	1.1	8.1	73	14.6	82	100	63	0	0	5	1		
HUNTINGTON	79	61	84	56	70	3	.4	-5	.3	6.1	53	11.0	63	99	61	0	0	4	0		
PARKERSBURG	79	59	86	52	69	3	.2	-9	.2	5.5	47	10.7	58	99	53	0	0	1	0		
WI GREEN BAY	79	54	87	43	67	7	T	T	T	5.9	77	7.3	73	94	48	0	0	0	0		
LA CROSSE	81	59	93	50	70	7	T	T	T	6.7	77	8.0	76	95	43	1	0	0	0		
MADISON	77	56	88	47	66	5	.1	-7	.1	5.8	67	9.5	89	95	55	0	0	2	0		
MILWAUKEE	71	54	83	45	63	4	.8	.2	.7	6.2	72	11.1	96	96	68	0	0	2	1		
WAUSAU	84	57	94	50	71	11	0	-9	0	5.6	66	7.0	67	89	32	1	0	0	0		
WY CASPER	74	40	84	33	57	0	0	-5	0	3.7	80	4.9	86	86	27	0	0	0	0		
CHEYENNE	64	40	74	37	52	-4	.1	-4	.1	3.8	82	4.4	81	91	38	0	0	2	0		
LANDER	77	46	84	39	61	5	0	-5	0	4.4	73	5.7	79	78	21	0	0	0	0		
SHERIDAN	79	42	87	36	61	4	0	-6	0	3.5	64	5.3	76	80	27	0	0	0	0		
PR SAN JUAN	86	73	88	71	79	-2	1.7	.8	.8	22.1	191	25.4	154	96	66	0	0	5	2		

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS.

National Agricultural Summary

May 26 to June 1, 1986

HIGHLIGHTS: Rain across much of the eastern half of the Nation slowed planting but helped alleviate dryness in the Southeast. However, seeding was ahead of normal in most Corn Belt and central Great Plains States. Open, dry weather spurred planting in the Northern Plains and Rocky Mountain States, with spring wheat seeding nearly finished in most States. Fieldwork averaged 3 days or less in the Delta and most of the Corn Belt. Farmers worked 4 to 6 days in most other areas. Despite rain, soil moisture remained short along the east coast from Delaware to Florida. Soil moisture was adequate in most other areas.

Corn was 94 percent (%) seeded, up 6 points from last week and 5 points ahead of normal. Corn reached the soft-dough stage in some Southern States. Sorghum plantings totaled 61%, 9 points above normal. Early planted sorghum was heading and turning color in Texas. Soybean planting jumped 14 points to 56% finished. This was 18 points slower than last year but progressed slightly ahead of schedule. Planting was ahead of normal in the Central Plains. Cotton planting continued behind normal. Seeding ended the week 76% finished, down 6 points from normal. Planting was considerably behind normal in Georgia and Texas. Rice was 97% seeded and 89% emerged, compared with 91% seeded and 79% emerged normally. Livestock was mostly good. Precipitation improved pastures in the Southeast.

SMALL GRAINS: Winter wheat was mostly good except in the Southeast where rain improved conditions to mostly fair to good. The crop was 82% headed in 17 of the 20 major producing States, 8 points ahead of average but 2 points behind last year. Wheat was 10% harvested in Oklahoma where normally it would have just started. In Georgia, wheat harvest was 11 points higher than the 19% average. Louisiana's wheat was 54% harvested, compared with 44% normally. Small grains were 55% harvested in Arizona.

Spring wheat seeding approached completion in nearly all States. Seeding was 95% finished, 5 points behind last year but only 2 points below average. Seventy-nine percent of the acreage planted was emerged, 6 points below the average. Emerged plants were mostly good except in Minnesota where conditions were good to fair.

CORN: Corn planting progressed rapidly in the Northern Plains and northern Rocky Mountain States. In the 17 major producing States, seeding was 94% finished, 5 points ahead of normal but 4 points slower than last year. Planting was more than 90% finished in all States except Minnesota and South Dakota. Poor germination caused some replanting in Iowa and Minnesota. Corn was mostly good except in the Southeast where conditions were good and improving with moisture. Silking prevailed in the Southeast and some corn reached the soft-dough stage.

SORGHUM: The 11 major sorghum producing States, seeded 61% of the 1986 crop, surpassing the average by 9 points. Planting equaled or exceeded the average in all States except South Dakota and Texas. Planting lagged 18 points behind normal in South Dakota and 4 points behind in Texas.

SOYBEANS: Precipitation slowed planting in most areas, but 14% of the acreage was planted last week. Planting was ahead of normal in the Corn Belt and Central Plains, but lagged behind normal in most other major producing States. Seeding was 2 points ahead of normal at 56% completion.

COTTON: Cotton was 76% planted, 6 points below normal and 12 points behind last year. Seeding was 10 points behind normal in Alabama, 12 points behind in Texas, and 15 points behind in Georgia. Cool weather and excessive moisture caused replanting in Arkansas. Crop conditions varied from mostly good in the Delta and Southwest to mostly fair in the Southeast. Cotton was poor to fair in Missouri. Insects are becoming an increasing threat in Texas, Arkansas, and Arizona.

OTHER CROPS: Rice was 97% seeded and 89% emerged. Normally, 91% would be planted and 79% emerged. California rice growers planted 20% of their acreage last week, bringing total completion to 90%. Rice was heading in Texas.

Moisture improved in the Southeast but peanut planting still lagged behind normal in Alabama and Georgia. Seeding was 65% finished in Alabama and 87% finished in Georgia, 33 and 9 points behind normal, respectively. Planting was 6 points ahead of normal in Texas. Seeding was virtually complete in North Carolina and Virginia. Peanuts bloomed in Georgia.

Burley tobacco transplanting trailed the average in nearly all States. Plant shortages and dryness were the main reason for the slow transplanting.

FRUIT AND NUTS: Florida's citrus groves were dry and irrigation continued. Trees were wilting in nonirrigated groves. Valencia orange movement was active but grapefruit movement declined.

Grapes and figs were picked in Arizona. Apples were thinned and citrus was picked on demand. Cherries were virtually harvested in California. Coachella Valley table grape harvest was ahead of normal. Rain and hail caused light cullage rates in plums. Valencia orange harvest slowed but quality was good.

VEGETABLES: Florida's vegetable shipments declined. Volume was reduced for all crops except eggplants, peppers, potatoes, and tomatoes.

Rain delayed melon and pepper harvest in the Rio Grande Valley. Hail damaged some watermelons in the San Antonio-Winter Garden area. Wetness slowed vegetable harvest in east Texas.

Strawberry, boysenberry, and blackberry picking continued in California. Vegetable harvest consisted mostly of celery, cucumbers, cauliflower, sweet corn, broccoli, asparagus, lettuce, and watermelons. In Arizona, cantaloups, watermelons, and honeydews were shipped and sweet corn and lettuce was harvested.

PASTURES AND LIVESTOCK: Rain improved pastures in the Southeast but conditions remained mostly poor. Pastures were mostly good elsewhere. Livestock was mostly good. Movement to summer pastures continued in the northern States.

CROP PROGRESS
FOR WEEK ENDING JUNE 1, 1986

SPRING WHEAT
% PLANTED

	1986	1985	AVG.
IDAHO	98	100	100
MINN	90	99	98
MONT	95	100	95
N DAK	98	100	96
S DAK	95	100	100
5 STATES	95	100	97

THESE 5 STATES PRODUCED 95% OF THE 1985 SPRING WHEAT CROP.

SPRING WHEAT
% EMERGED

	1986	1985	AVG.
IDAHO	88	91	93
MINN	60	92	90
MONT	85	95	85
N DAK	80	95	78
S DAK	85	100	97
5 STATES	79	95	85

THESE 5 STATES PRODUCED 95% OF THE 1985 SPRING WHEAT CROP.

COTTON
% PLANTED

	1986	1985	AVG.
ALA	90	100	100
ARIZ	99	100	100
ARK	99	99	98
CALIF	100	100	100
GA	77	100	92
LA	100	99	94
MISS	99	100	99
MO	99	100	98
N MEX	90	97	94
N C	100	100	100
OKLA	40	60	35
S C	100	100	100
TENN	94	100	96
TEX	57	77	69
14 STATES	76	88	82

THESE 14 STATES PRODUCED 100% OF THE 1985 COTTON CROP.

RICE
% PLANTED

	1986	1985	AVG.
ARK	98	93	91
CALIF	90	93	78
LA	100	99	96
MISS	100	100	97
TEX	100	99	99
5 STATES	97	95	91

THESE 5 STATES PRODUCED 97% OF THE 1985 RICE CROP.

RICE
% EMERGED

	1986	1985	AVG.
ARK	93	83	79
CALIF	55	65	46
LA	98	97	93
MISS	100	97	85
TEX	100	93	96
5 STATES	89	85	79

THESE 5 STATES PRODUCED 97% OF THE 1985 RICE CROP.

GRAIN SORGHUM
% PLANTED

	1986	1985	AVG.
ARK	91	91	86
ILL	65	48	36
KANS	35	40	20
LA	98	98	87
MISS	88	89	71
MO	61	71	53
NEBR	75	85	50
OKLA	45	55	45
S DAK	24	63	42
TENN	75	70	NA
TEX	77	83	81
11 STATES	62	68	NA

EXCL. STATES WITH NA 61 68 53
THESE 11 STATES PRODUCED 94% OF THE 1985 GRAIN SORGHUM CROP.

WINTER WHEAT
% HEADED

	1986	1985	AVG.
ARK	100	100	NA
CALIF	100	100	99
COLO	77	85	56
GA	100	100	100
IDAHO	0	4	6
ILL	100	99	89
IND	97	97	70
KANS	100	99	85
MICH	20	65	25
MO	99	100	97
MONT	1	5	1
NEBR	80	90	60
N MEX	100	NA	NA
N C	100	NA	NA
OHIO	89	90	60
OKLA	100	100	99
OREG	40	27	38
S DAK	25	63	37
TEX	100	99	98
WASH	35	18	32
20 STATES	82	NA	NA

EXCL. STATES WITH NA 82 84 74

THESE 20 STATES PRODUCED 91% OF THE 1985 WINTER WHEAT CROP.

SOYBEANS
% PLANTED

	1986	1985	AVG.
ALA	45	59	50
ARK	45	40	32
GA	25	69	45
ILL	85	86	62
IND	55	80	55
IOWA	55	97	69
KANS	40	40	25
KY	33	42	28
LA	71	75	57
MICH	35	80	50
MINN	63	88	75
MISS	38	64	47
MO	47	67	39
NEBR	70	85	50
N C	39	51	52
OHIO	70	82	55
S C	34	41	45
S DAK	25	82	63
TENN	35	40	30
19 STATES	56	74	54

THESE 19 STATES PRODUCED 96% OF THE 1985 SOYBEANS CROP.

CORN
% PLANTED

	1986	1985	AVG.
COLO	97	97	94
GA	100	100	100
ILL	100	98	92
IND	94	98	80
IOWA	92	100	93
KANS	99	97	85
KY	94	93	80
MICH	95	98	90
MINN	88	96	93
MO	95	99	85
NEBR	98	98	85
N C	100	100	100
OHIO	98	99	80
PA	92	93	78
S DAK	62	96	84
TEX	100	100	100
WIS	94	94	86
17 STATES	94	98	89

THESE 17 STATES PRODUCED 93% OF THE 1985 CORN CROP.

WEEKLY CROP WEATHER CONDITION PERCENT REPORT
FOR WEEK ENDING JUNE 1, 1986

CORN

STATE	VERY-POOR	POOR	FAIR	GOOD	EXCELLENT
COLO	0	0	30	52	18
GA	5	20	55	18	2
ILL	0	0	4	78	18
IND	NA	5	20	65	10
IOWA	1	4	33	52	10
KANS	0	2	4	37	57
KY	NA	1	43	54	2
MICH	1	4	25	55	15
MINN	3	11	46	37	3
MO	NA	6	36	53	5
NEBR	0	1	9	72	18
N C	NA	5	49	45	1
OHIO	0	0	12	80	8
S DAK	2	4	27	62	5
TEX	0	8	22	55	15
WISC	0	3	25	64	8

SPRING WHEAT

STATE	VERY-POOR	POOR	FAIR	GOOD	EXCELLENT
IDAHO	0	3	3	77	17
MINN	0	3	36	55	6
MONT	0	0	3	87	10
N DAK	0	0	16	75	9
S DAK	0	1	13	71	15

COTTON

STATE	VERY-POOR	POOR	FAIR	GOOD	EXCELLENT
ALA	2	19	67	12	0
ARIZ	0	0	0	90	10
ARK	0	4	29	60	7
CALIF	NA	0	25	50	25
GA	2	17	62	19	0
LA	0	0	42	58	0
MISS	0	1	45	54	0
MO	NA	67	33	0	0
N MEX	0	0	20	80	0
N C	NA	0	57	43	0
S C	0	31	66	3	0
TENN	0	9	36	55	0
TEX	0	6	43	47	4

SOYBEANS

STATE	VERY-POOR	POOR	FAIR	GOOD	EXCELLENT
ALA	2	5	77	16	0
ARK	0	0	16	74	10
LA	0	6	53	36	5
OHIO	0	0	27	68	5

NA - NOT ASKED

GRAIN SORGHUM

STATE	VERY-POOR	POOR	FAIR	GOOD	EXCELLENT
ARK	0	0	21	75	4
ILL	0	0	32	63	5
LA	0	0	49	51	0
MISS	0	4	35	57	4
TENN	5	6	40	47	2
TEX	0	4	31	58	7

WINTER WHEAT

STATE	VERY-POOR	POOR	FAIR	GOOD	EXCELLENT
ARK	0	7	46	47	0
CALIF	NA	0	15	45	40
COLO	11	12	27	43	7
GA	3	25	58	13	1
IDAHO	0	0	13	70	17
ILL	5	6	49	34	6
IND	NA	2	32	63	3
KANS	3	11	35	32	19
MICH	1	4	25	55	15
MO	NA	36	53	11	0
MONT	0	1	7	68	24
NEBR	0	2	23	58	17
N MEX	0	19	65	16	0
N C	NA	40	53	7	0
OHIO	0	1	26	69	4
OKLA	NA	0	55	45	0
OREG	0	0	60	37	3
S DAK	0	0	10	62	28
TEX	2	17	59	20	2
WASH	NA	0	40	60	0

RICE

STATE	VERY-POOR	POOR	FAIR	GOOD	EXCELLENT
ARK	0	0	9	91	0
CALIF	NA	0	0	100	0
LA	0	0	23	77	0
MISS	29	0	47	24	0
TEX	0	0	15	67	18

State Summaries of Weather and Agriculture

These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service.

ALABAMA: Temperatures averaged 3 to 5° above normal. Rainfall ranged from 2.00 to 5.00 in. across State.

Days suitable for fieldwork 3.1. Soil moisture 16% short, 68% adequate, 16% surplus. Fieldwork progress on schedule. Peanuts planted 65%, 99% 1985, 98% avg. Rain across State improved crop conditions, promoted growth. Primary activities: Planting cotton, peanuts, soybeans, sorghum; land preparation; fertilizing, lime application; spraying pecans; crop cultivation; harvest of wheat; care of livestock, poultry; general farm chores.

ALASKA: Variable weather throughout Railbelt. Temperatures ranged 2° below normal to 5° above normal. Drier than normal.

Days suitable for fieldwork 6.0. Topsoil moisture 3% short, 81% adequate, 16% surplus. Subsoil moisture 90% adequate, 10% surplus. Barley grain seeding nearing completion. Commercial potato planting wind-up stage. Crop growth moderate. Livestock good. Strong winds Matanuska Valley caused soil erosion, vegetable seedling damage.

ARIZONA: Warm, dry, sunny through 29th. By 30th, two low pressure systems produced cloudiness south, few showers southeast, thunderstorms northeast. Rainfall ranged from traces to 0.50 in., except 0.75 in. higher elevations. Average temperatures 2 to 8° above normal.

Cotton 65% squaring, none 1985, none avg. Central valley growers concerned about heavy boll weevil infestations. Trap counts above normal, spraying took place. Small grains 55% harvested, none 1985, none avg. Barley nearing completion, wheat gaining momentum. Alfalfa cutting active west, moderate elsewhere. Quality good, sales improved. Weeds, insects light to moderate. Corn, sorghum planting nearing completion southeast. Established stands good. Corn tasseling west. Yuma County sesame, safflower good. Cantaloups, honeydews, watermelons shipped Yuma, Hyder, central valley. Artichoke packing finished. Sweet corn harvested central, finished Hyder. Other mixed vegetables packed central valley. Potato shipping advanced west, central. Dry onion harvest winding down. Lettuce packed Willcox. Grapes, figs picked. Apples thinned. Citrus picked on demand. High winds, hot weather dried out range areas. Adequate summer rains needed. Fire warnings in effect. Stockwater, soil moisture short to adequate. Cattle poor to good. Sheep poor to good.

ARKANSAS: Temperatures near normal. Scattered showers. Temperature extremes 49°; 92°. Rainfall none to 2.45 in.

Days suitable for fieldwork 5.0. Soil moisture 8% short, 65% adequate, 27% surplus. Major activities: Cutting hay; rice weed control, fertilization; planting soybeans. Rainfall hampered haying operations, soybean planting, wheat harvest. Cool weather, excessive moisture, salts causing cotton replanting. Heavy pressure from thrips, boll weevils. Blueberry harvest active.

CALIFORNIA: First triple digit temperatures of year. Mountain, high desert stations 8 to 13° above normal. Persistent high pressure responsible for warmth, lack of precipitation in State.

Above normal temperatures provided excellent growth. Cotton progressed rapidly. Seed alfalfa bloomed. Alfalfa hay cut, cured, baled. Sugarbeet fields sprayed. Rice planting slowed. Pesticide application continued. Field corn, Sudan grass progressed. Sunflower planting began. Dry bean planting underway. Apricot harvest continued; good sizes, average quality. Cherry harvest virtually complete. Grapes sprayed for grapeleaf skeletonizer. Hot weather raised pest populations. Coachella Valley table harvest ahead normal. Nectarine varieties packed Maygrand, Armking. Peach varieties packed June Lady, Royal May. Plums hard hit by rain, hail, harvest cullage rates high. Valencia harvest slowed; quality good. Artichokes seasonably light variable quality Salinas. Asparagus harvest continued Delta, other central valley, south coast. Strawberry, boysenberry, blackberry picking continued San Joaquin Valley, central, south coast. Broccoli heavy Salinas fairly heavy Santa Maria variable quality. Carrot very light Salinas variable quality. Digging active Kings County, Huron near harvest, Imperial Valley-Coachella Valley harvest wound down. Cauliflower moderate Salinas, heavy Santa Maria variable quality. Harvest up San Joaquin County. Celery light variable quality Santa Maria. Harvest continued Oxnard, Los Angeles, Orange County. Sweet corn harvesting continued Coachella Valley good yields, quality. Irrigated plantings Fresno maturing well. Cucumbers harvested central valley. Lettuce fairly heavy good quality, weight variable Salinas. Melon central valley progressing well. Westside cantaloup in bloom, bees moved for pollination. Cantaloup, watermelon harvests active Imperial Valley. Melon harvest underway Palo Verde Valley. Digging spring potato progressed good quality. Fall potato stocks marketed. Seeding 1986 fall crop moved towards completion. Sweetpotato planting complete Merced-Atwater. Tomatoes fresh market, processing showed, good growth central valley. Processing tomato harvest Westside June 20, Blythe area canning harvest June 6. Fresh market harvest active Imperial Valley. Foothill ranges dry but considerable forage available. Movement livestock mountain pastures continued heavy. Marketing cattle remained slow, low prices. Stockwater supplies good.

COLORADO: Precipitation totals averaged none to 1.44 in. Temperatures averaged 4 to 8° below normal.

Days suitable for fieldwork 3.8. Soil moisture 13% very short, 37% short, 41% adequate, 9% surplus. Winter wheat fair to good, developing ahead of normal. Sorghum planted 43%, 53% 1985, 46% avg.; emerged 28%, 26% 1985, 26% avg. Dry beans planted 28%, 51% 1985, 34% avg. Livestock good; range, pasture fair to good.

FLORIDA: Very dry. Mild nights lows 60s. Hot afternoons highs 90s. Only isolated thunderstorms. Scattered thunderstorms south late weekend. Temperatures averaged near normal.

Soil moisture short to very short. Dryland corn stressed, irrigated corn generally good. Peanut planting virtually complete, progressing normally. Tobacco good progress, maturing. Soybean planting continued. Wheat harvest active. Haymaking continued, yield reduced. Sugarcane progress favorable. Rains early week gave pastures much needed boost, inadequate rainfall continued to severely retard forage growth most areas. Pastures Panhandle, north generally very poor to only fair;

few high ground pastures under severe stress. Elsewhere, pastures poor to good. Weekend showers, thunderstorms south extending into some central areas helped maintain grass growth. Cattle vary from poor to good, generally fair. Citrus groves dry; rain needed. Irrigation continued. Some wilt nonirrigated groves. Valencia orange movement active, grapefruit harvest slowed. Hot, very dry weather prevailed vegetable producing areas. Temperatures ranged lows 70s, highs upper 80s to mid 90s. Rain limited to light, very widely scattered showers mostly along coastal areas. Winds generally light to moderate. Harvest most crops completed southern areas. Central areas most acreage past peak; seasonal decline next few weeks. Shipments declined; reduced volume all crops except eggplant, peppers, potatoes, tomatoes.

GEORGIA: Very warm, humid, scattered afternoon, evening thunderstorms. Thunderstorms most numerous over north, central 26th through 28th, over south 30th through weekend. Rain 1.00 to 3.00 in. Heaviest 6.47 in. at Washington. Portions of south under 0.50 in., no rain Albany area. Temperatures 3 to 6° above normal. Daily maximums mid to upper 90s over southeastern third. Lowest 55° Blairsville. Jesup, Dublin, Waycross high 98°.

Days suitable for fieldwork 4.1. Soil moisture 22% very short, 41% short, 35% adequate, 2% surplus. Sorghum grain 2% very poor, 18% poor, 65% fair, 15% good; 50% planted, 76% 1985, 53% avg. Peanuts 4% very poor, 19% poor, 66% fair, 11% good; 87% planted, 98% 1985, 96% avg.; 3% blooming, 30% 1985, 7% avg.; none pegging, 1% avg. Soybeans 3% very poor, 12% poor, 67% fair, 18% good. Tobacco 3% very poor, 10% poor, 59% fair, 28% good. Watermelons 21% poor, 62% fair, 17% good. Wheat 30% harvested, 45% 1985, 19% avg. Rye 3% very poor, 26% poor, 58% fair, 12% good, 1% excellent. Other small grains 3% very poor, 28% poor, 58% fair, 10% good, 1% excellent. Apples 3% very poor, 11% poor, 58% fair, 25% good, 3% excellent. Peaches 9% poor, 52% fair, 37% good, 2% excellent; 14% harvested, 14% 1985, 8% avg. Pasture 15% very poor, 43% poor, 40% fair, 2% good. Hay 14% very poor, 54% poor, 30% fair, 2% good. Cattle 1% very poor, 15% poor, 65% fair, 19% good. Hogs 2% poor, 52% fair, 45% good, 1% excellent. Main activities: Planting cotton, peanuts, sorghum, soybeans; harvesting wheat.

HAWAII: Conditions variable. Northeast winds 10 to 20 mph, turned gusty over weekend. Showers mainly windward, mountain areas. Temperatures ranged mid 60s to mid 80s. Rainfall none to 4.40 in.

Days suitable for fieldwork 7.0. Soil moisture adequate most areas. Weather mostly favorable for crop development. Leafy vegetables fair to good. Bananas, some orchards seasonal low. Warm weather hastening papaya fruit development, supplies increasing.

IDAHO: Temperatures above normal, precipitation below normal. First 100° readings.

Days suitable for fieldwork 7.0. Fieldwork active. Irrigation active. Winter wheat good. Spring wheat good. Livestock good. Potatoes 75% planted, 92% 1985, 88% avg.

ILLINOIS: Temperatures averaged mostly 1 to 4° above normal. Precipitation none to 4.08 in. heaviest northeast, east, southwest areas.

Days suitable for fieldwork 2.8. Soil moisture 9% short, 60% adequate, 31% surplus. Soybeans 20% fair, 66% good, 14% excellent. Winter wheat filled 80%, 71% 1985, 34% avg.; turning yellow 25%, 15% 1985, 9% avg.; ripe none, 2% 1985, none avg. Oats 29% fair, 62% good, 9% excellent; headed 30%, 41% 1985, 19% avg.; filled 10%, 14% 1985, 6% avg. Alfalfa 1% poor, 34% fair, 52% good, 13% excellent;

alfalfa 1st crop cut 48%, 75% 1985, 37% avg.; red clover 17% fair, 65% good, 18% excellent; red clover crop cut 40%, 55% 1985, 26% avg. Pasture 12% fair, 73% good, 15% excellent. Major farm activities: Seeding soybeans, cultivating corn and soybeans, applying herbicides, spreading fertilizer, cutting hay.

INDIANA: Temperatures 2 to 4° above normal. Rainfall widespread, frequent, variable. Totals 0.50 to 0.75 in. Some central areas 1.00 in.

Fieldwork averaged 1.5 days. Topsoil moisture 34% adequate, 66% surplus. Subsoil moisture 3% short, 61% adequate, 36% surplus. Heavy rains slowed fieldwork most areas. Corn good; 93% emerged, 91% 1985, 75% avg. Corn 8 in. high, 8 in. 1985, 3 in. avg. Soybeans 60% emerged, 60% 1985, 40% avg. Soybeans 2 in. high, 2 in. 1985, 1 in. avg. Wheat good, 10% turning color, 5% 1985, 3% avg. Alfalfa hay 25% cut once, 65% 1985, 25% avg. Clover hay 15% cut, 30% 1985, 10% avg. Tobacco plants 25% set, 45% 1985, 20% avg. Oats 13 in. high, 13 in. 1985, 5 in. avg.

IOWA: Cool, cloudy, wet weather early week, turning warmer, sunny, dry late week. Rainfall spotty, unevenly distributed.

Days suitable for fieldwork 1.9. Topsoil moisture 32% adequate, 68% surplus; subsoil moisture 51% adequate, 49% surplus. Oats 4% poor, 13% fair, 64% good, 19% excellent. Winter wheat mostly good to fair. Hay 3% poor, 12% fair, 59% good, 26% excellent. First crop alfalfa harvested 7%, 48% 1985, 19% avg. Corn planting slow; uneven emergence; some cutworm problems. Corn replanted 4%; corn emerged 80%, 99% 1985, 81% avg.; corn cultivated 1st time 5%, 29% 1985, 11% avg. Soybean planting good progress; slow germination, emergence. Soybeans emerged 20%, 73% 1985, 35% avg. Seedbed preparation 95% completed; fertilizer application 96% completed, 100% 1985, 100% avg. Livestock mostly good, wet conditions stressful on young. Pastures mostly good to excellent.

KANSAS: Precipitation 0.40 in. north central, southeast, east central, west central; 0.90 in. northwest. Temperatures averaged 61 to 64° west; 65 to 69° central and east; normal east, 2 to 6° below normal central and west.

Days suitable for fieldwork 3.5. Soil moisture 29% short, 56% adequate, 15% surplus. Test cutting wheat south central, moisture high. Scattered rain relieved drought stress some western counties, more needed. Russian wheat aphid confirmed 17 counties. Corn good growth, heavy cutworm activity east. Sorghum planting modest progress, too wet east, too dry west. First cutting alfalfa 85% complete, too dry 2nd growth some western counties. Range, pasture poor west, some herd culling; good, excellent central and east.

KENTUCKY: Frontal system helped bring measurable precipitation nearly every region. Precipitation widely scattered by weekend. Rainfall totals ranged from 0.25 in. far west to over 2.00 in. east central. Average temperatures 80s, near normal.

Days suitable for fieldwork 1.8. Soil moisture 13% short, 52% adequate, 35% surplus. Corn 93% emerged, early fields waist high; fields weedy. Emerged soybeans 8% poor, 42% fair, 48% good, 2% excellent. Packing and erosion could necessitate some replanting. Burley 35% transplanted, 74% 1985, 41% avg. Dark tobacco 45% set. Tobacco 7% poor, 41% fair, 47% good, 2% excellent. Wheat beginning to turn. Pastures showing improvement, 17% poor, 51% fair, 30% good, 2% excellent.

LOUISIANA: Temperature 2° below to 2° above normal. Temperature extremes 58°; 92°. Rainfall averaged 1.14 to 4.14 in.

Days suitable for fieldwork 2.4. Soil moisture 2% short, 57% adequate, 41% surplus. Corn fair to good; 36% silked, 42% 1985, 32% avg.; 4% dough stage, 2% 1985, 5% avg. Cotton 100% planted, 99% 1985, 94% avg.; 99% emerged, 96% 1985, 89% avg.; 15% squaring, 4% 1985, 1% avg. Rice 100% planted, 99% 1985, 96% avg.; 98% emerged, 97% 1985, 93% avg. Sorghum 98% planted, 98% 1985, 87% avg.; 96% emerged, 95% 1985, 84% avg. Soybeans 71% planted, 75% 1985, 57% avg.; 61% emerged, 59% 1985, 44% avg. Sweetpotatoes good; 65% planted, 82% 1985, 71% avg. Winter wheat fair; 99% turning color, 98% 1985, 96% avg.; 54% harvested, 56% 1985, 44% avg. Hay 1st cutting 63% complete, 75% 1985, 60% avg. Sugarcane, vegetables, pasture, livestock fair to good. Main activities: Planting soybeans, sweetpotatoes; baling hay; harvesting winter wheat.

MARYLAND & DELAWARE: Maryland: Temperatures averaged 2° above normal over State; lowest temperature 40° Oakland; highest temperature 94° Bel Air, Wye R & E Center. Precipitation averaged 0.03 in., ranging from none to 0.31 in.

Days suitable for fieldwork 6.8. Topsoil moisture very short to short; subsoil moisture very short to short. Small grains fair to good. Wheat 97% headed, 44% 1985, 80% avg. Planting progress: Field corn 97% planted, 99% 1985, 93% avg.; soybeans 30% planted, 49% 1985, 38% avg.; oats 100% planted, 88% 1985, 81% avg.; tobacco transplants 35% planted, 67% 1985, 41% avg.; watermelons 97% planted, 100% 1985, 90% avg.; cantaloupes 93% planted, 96% 1985, 85% avg.; cucumbers 98% planted, 90% 1985, 81% avg.; lima beans 100% planted, 94% 1985, 74% avg.; snap beans 77% planted, 100% 1985, 88% avg.; sweet corn 85% planted, 100% 1985, 91% avg. Alfalfa 1st cutting 88% harvested, 82% 1985, 54% avg. Other hay 1st cutting 46% harvested, 62% 1985, 32% avg. Poor germination, uneven growth, weed problems due to dry weather.

Delaware: Temperatures averaged 3° above normal over State; lowest temperature 45° Georgetown; highest temperature 93° Milford, Dover. Precipitation averaged trace, ranging from none to trace.

Days suitable for fieldwork 7.0. Topsoil moisture very short; subsoil moisture very short. Small grains poor to fair. Wheat 100% headed, 99% 1985, 97% avg. Planting progress: Field corn 97% planted, 98% 1985, 96% avg.; soybeans 50% planted, 39% 1985, 46% avg.; watermelons 98% planted, 99% 1985, 91% avg.; cantaloupes 98% planted, 98% 1985, 89% avg.; cucumbers 61% planted, 70% 1985, 82% avg.; tomatoes 100% planted, 99% 1985, 84% avg. Alfalfa 1st cutting 98% harvested, 95% 1985, 56% avg. Other hay 1st cutting 96% harvested, 89% 1985, 45% avg. Severe drought central, southern portion State.

MICHIGAN: Temperatures ranged 4 to 9° above normal. Temperature extremes 38°; 93°. Precipitation ranged from none to 1.00 in.

Days suitable for fieldwork 4.0. Soil moisture 20% short, 55% adequate, 25% surplus. Corn 95% planted, 98% 1985, 90% avg.; 1% very poor, 4% poor, 25% fair, 55% good, 15% excellent. Planted acres emerged 80%. Some replanting needed. Soybeans 35% planted, 80% 1985, 50% avg. Wheat 20% headed, 65% 1985, 25% avg.; 1% very poor, 4% poor, 25% fair, 55% good, 15% excellent. Corn, potato, soybean planting, pesticide application main activities. Asparagus harvest 75% done, good quality. Strawberry harvest starting.

MINNESOTA: Temperatures averaged 5 to 14° above normal. Temperature extremes 36°; 97°. Precipitation averaged 0.07 to 0.89 in. below normal.

Days suitable for fieldwork 4.7. Topsoil moisture 4% short, 75% adequate, 21% surplus.

Planting very active, fields mostly good; too wet portions of south, southeast. Spring wheat, other small grains all planted except northwest; emerging rapidly, hot weather. Oats 95% planted, 98% 1985, 98% avg.; 79% emerged, 95% 1985, 93% avg. Barley 89% planted, 98% 1985, 97% avg.; 53% emerged, 93% 1985, 89% avg. Corn planting finishing up south, full swing north. Some replanting needed, southern portions; wet soil, crusting caused poor germination. Corn 60% emerged, 87% 1985, 70% avg. Soybean progress good. Soybeans 19% emerged, 53% 1985, 31% avg. Sugarbeets 99% planted; 99% 1985, 99% avg. Potatoes 81% planted, 84% 1985, 83% avg.

MISSISSIPPI: Temperatures near normal, extremes 57°; 93°. Heavy rains throughout, greatest weekly total 7.23 in.

Days suitable for fieldwork 0.9, 5.8 1985, 4.7 avg. Soil moisture 2% short, 32% adequate, 66% surplus. Rain delayed soybean planting. Weed control needed. Corn 3% poor, 26% fair, 57% good, 14% excellent; 99% planted, 100% 1985, 97% avg.; 96% emerged, 98% 1985, 91% avg.; 5% silking, 12% 1985, 11% avg. Wheat 100% heading, 100% 1985, 100% avg.; 79% ripe, 65% 1985, 55% avg.; 9% harvested, 14% 1985, 13% avg.; 41% poor, 43% fair, 16% good. Sweetpotatoes 62% planted, 74% 1985, 63% avg. Peanuts 74% planted, 79% 1985, 78% avg. Watermelons 86% planted, 92% 1985, 91% avg. Hay harvested 23%, 44% 1985, 29% avg. Peaches 38% very poor, 56% poor, 6% fair. Harvest just underway.

MISSOURI: Temperatures averaged near normal. Rainfall over 3.00 in. southeast, 0.50 in. rest of State.

Days suitable for fieldwork 3.1. Soil moisture 4% short, 56% adequate, 40% surplus. Wheat fair to poor; 70% turning color. Corn fair to good. Cotton mostly poor. Alfalfa 1st cutting 56%, 71% 1985, 49% avg. Other hay cutting 24%, 37% 1985, 19% avg. Pasture 2% poor, 39% fair, 54% good, 5% excellent.

MONTANA: Temperatures 10 to 18° above normal west, southwest maximum near 100°; 8 to 15° above normal central, 5 to 10° above normal east. Very dry, light precipitation some southwest, central areas.

Days suitable for fieldwork 5.9. Topsoil moisture 22% short, 77% adequate, 1% surplus. Subsoil moisture 4% short, 89% adequate, 7% surplus. Barley 95% planted, 100% 1985, 100% avg. Oats 90% planted, 100% 1985, 95% avg. Sugarbeets 100% planted 100% 1985, 100% avg. Dry beans 95% planted, 95% 1985, 80% avg. Corn 90% planted, 95% 1985, 85% avg. Potatoes 75% planted, 95% 1985, 85% avg. Warm temperatures spurred crop growth, development. Livestock moved to summer range 80%, 80% 1985, 75% avg.

NEBRASKA: Amounts averaged few tenths to over 1.00 in. Temperatures averaged normal to 5° below normal. Temperature extremes 41°; 90°.

Days suitable for fieldwork 2.9. Topsoil moisture 5% short, 68% adequate, 27% surplus. Subsoil moisture 1% short, 91% adequate, 8% surplus. Corn stands excellent. Corn good to excellent. Corn emerged 92%, 91% 1985, 60% avg. Sorghum emerged 50%, 60% 1985, 20% avg. Soybeans emerged 45%, 60% 1985, 25% avg. Wheat good to fair. Wheat leaf rust southeast, south central. Wheat southwest good, after rains. Alfalfa good to fair. Yields less northeast. Wild hay mostly good to fair. Range, pasture mostly adequate to surplus. Cattle, calves excellent gains. Producers moved hogs to slaughter as planting completed.

NEVADA: Temperatures well above normal northern areas, many new record highs recorded. Temperatures well above normal south but not record levels. Precipitation form of afternoon showers common most areas end period.

Vegetative growth accelerated by warmer weather, especially high night temperatures. High temperatures increased irrigation requirements. Good progress alfalfa hay harvest southern two thirds.

NEW ENGLAND: Average temperatures ranged from upper 50s to mid 60s north and central, upper 60s south; near normal. Rainfall ranged from 0.25 to 0.50 in. north, 0.50 in. south.

Days suitable for fieldwork 6.0. Soil moisture 10% short, 65 adequate, 25% surplus. Fieldwork progress generally on schedule. Grazing availability 85% adequate, 15% surplus. Maine potatoes 85% planted, 75% 1985, 85% avg. Field corn 80% planted, 90% 1985, 70% avg. Sweet corn 75% planted, 75% 1985, 65% avg. Maine oats 100% sown, 85% 1985, 85% avg. Oats 95% emerged; good. Shade tobacco 50% transplanted Massachusetts; 100% Connecticut. Outdoor tobacco 10 to 35% transplanted north to south. Hay haylage making active. Apple fruit set good. Heavy rains during pollination reduced fruit set on Maine wild blueberries. Cranberry bogs hit by hailstorm on 28th; damage isolated. Major farm activities: Planting, haymaking, spraying, fertilizing, cultivating.

NEW JERSEY: Temperatures averaged 80 above normal. Extremes 450; 960. Rainfall averaged 0.49 in. north, 0.03 in. central, 0.02 in. south. Heaviest 24-hour total 1.41 in. 31st, 1st. Estimated soil moisture percent field capacity averaged 75% north, 47% central, 34% south. Four inch soil temperatures averaged 670 north, 690 central, 690 south.

Conditions good for fieldwork. Irrigation south, central. Early vegetable supplies good. Summer vegetable planting well advanced. Strawberry harvest increasing. Apples, peaches, blueberries sizing well. Cranberries coming into bloom. Field corn planting continued. Early planted corn up about 10 in. Soybean planting continued as fall sown grains harvested. Barley coloring. Hay, forage crop yields very good. Second growth alfalfa, pastures need rain.

NEW MEXICO: Average temperatures from 100 below normal eastern plains to 60 below normal central to near normal west. Temperatures 300 northwestern plateau, western mountains to 960 southern desert. Showers during week unusually large precipitation totals. Precipitation from trace northwestern plateau to 3.63 in. northeastern plains.

Days suitable for fieldwork 6.2. Soil moisture 73% short, 27% adequate. Hail damage 73% none, 18% light, 9% moderate. Wind damage 50% none, 50% light. Freeze damage 85% none, 15% light. Alfalfa 10% poor, 40% fair, 50% good. Corn 25% fair, 75% good. Barley 25% fair, 75% good. Irrigated grain sorghum 20% fair, 80% good. Dryland grain sorghum 100% fair. Pecans 25% fair, 75% good. Apples 25% poor, 75% good. Chile 20% fair, 80% good. Onions 100% good. Cattle 67% fair, 33% good. Sheep 36% fair, 64% good. Range 47% poor, 53% fair.

NEW YORK: Dry much of week. Light showers east 30th. Most areas few hundredths of inch, nearly 0.25 in. Lower Hudson Valley. More widespread showers 31st, nearly 0.75 in. Lower Hudson Valley, New York City areas. Isolated thunderstorm dumped over 1.50 in. Cortland. Cool early week. Lows 80s, highs 70s, overnight lows 45 to 550. Northern 3rd remained cool. Lower Hudson Valley, New York City warmed to low and mid 90s 30th, 31st.

Days suitable for fieldwork 6.5. Soil moisture adequate. Rapid crop growth followed rain, warm temperatures. Corn planting continued ahead of normal. Some farmers done planting. Oat planting virtually complete, done 1985, 83% avg. Wheat good, some short, started to head out. Apple thinning

continued. Above average set on all fruit. Vegetable crops good shape. Pastures good.

NORTH CAROLINA: Temperatures averaged 10 above normal, statewide. Hail damage, southeastern part of State. Temperature extremes 510; 940. Precipitation ranged from none to 2.87 in. across State.

Days suitable for fieldwork 5.1. Soil moisture 18% very short, 41% short, 40% adequate, 1% surplus. Corn mostly fair to good. Recent rains boosted crop. Small grains mostly fair. Cotton mostly fair to good. Soybean planting progressed, mostly good to fair. Tobacco in fields 3% poor, 46% fair, 50% good, 1% excellent. Transplanting burley tobacco 49%, 66% 1985, 54% avg. Peanut planting virtually complete; 55% fair, 45% good. Sorghum 55% planted, 61% 1985, 63% avg. Sweetpotatoes 40% planted, 65% 1985, 48% avg. Irish potatoes 4% poor, 46% fair, 50% good. Peaches 18% poor, 41% fair, 41% good. Apples 23% poor, 39% fair, 38% good. Hay 32% poor, 51% fair, 17% good. Truck crops 2% poor, 49% fair, 49% good. Pasture 33% poor, 49% fair, 18% good. Major farm activities: Planting soybeans, sorghum, peanuts, vegetables; transplanting tobacco, sweetpotatoes; land preparation; cultivating corn, tobacco, soybeans; sidedressing corn; cutting hay; spraying apples, peaches; cutting small grains for hay; tending livestock; mowing; applying pesticides; general maintenance.

NORTH DAKOTA: Temperature ranged from 5 to 130 above normal. Low 360 north central 25th. High 970 north central, northeast 31st.

Days suitable for fieldwork 6.9. Topsoil 12% short, 88% adequate; subsoil 97% adequate, 3% surplus. Planting progress at or ahead of normal. Small grains virtually complete. Hot, humid weather spurred growth, grasshopper, plant disease problems. Small grains over 80% good to excellent. Moisture still above average. Hard red spring wheat 98% planted, 100% 1985, 96% avg.; emerged 80%, 97% 1985, 80% avg.; durum wheat 98% planted, 100% 1985, 94% avg.; emerged 75%, 94% 1985, 71% avg.; barley 99% planted, 100% 1985, 96% avg.; emerged 86%, 99% 1985, 82% avg.; flax 78% planted, 92% 1985, 71% avg.; sunflower 57% planted, 74% 1985, 61% avg.; potatoes 84% planted, 99% 1985, 91% avg.; dry beans 76% planted, 90% 1985, 74% avg. Sugarbeet planting virtually complete. Pasture condition 61% good, 16% excellent.

OHIO: Average temperatures 3 to 60 above normal. Extremes mid 40s, upper 80s. Precipitation averaged 0.75 in. wide variability from 0.50 to 2.00 in.

Days suitable for fieldwork 3.2. Soil moisture 6% short, 67% adequate, 27% surplus. Corn good; stands weedy, slugs prevalent. Soybeans good; planting stalled wet areas, weeds growing problem. Winter wheat good; diseases evident, not critical. Hay, pastures fair to good; some loss to wet weather; harvest delayed. Alfalfa 1st cut 29%, 60% 1985, 27% avg. Other hay 1st cut 15%, 40% 1985, 15% avg. Tobacco transplanting 34% complete, 52% 1986, 22% avg.; plants mowed, getting large. Strawberry harvest 10% complete. Processing tomato planting 80% complete.

OKLAHOMA: Temperatures averaged 20 below normal east central, southeast to 80 below normal Panhandle. Precipitation averaged 0.37 in. east central to 1.38 in. Panhandle.

Days suitable for fieldwork 3.5. Topsoil moisture 10% short, 65% adequate, 25% surplus. Subsoil moisture 10% short, 90% adequate. Wheat 55% fair, 45% good; 100% headed, 100% 1985, 99% avg.; 97% soft dough, 85% 1985, 60% avg.; 10% harvested, 5% 1985, 1% avg. Wet fields prevented harvesting headway. Weeds could become troublesome

wet conditions continued. Sorghum 45% planted, 55% 1985, 45% avg.; 25% emerged, 25% 1985, 15% avg. Some fields yellowing from cool, wet weather. Cotton 40% planted, 60% 1985, 35% avg.; 15% emerged, 35% 1985, 10% avg. Rain, wet fields delayed planting. Pastures mostly good, forage supplies improve. Cattle marketings heavy north, prices lower preceding week.

OREGON: Temperatures well above normal all areas entire week. Coast 2 to 6° above normal; western interior 10 to 15° above normal; east 15 to 19° above normal. High temperatures end of week exceeded 100° southwest, east. Precipitation along central, north coast 0.20 to 1.00 in.; north central, northeast about 0.50 in.; widely scattered interior locations received less than 0.10 in.

Soil moisture 42% short, 58% adequate. Grain crops good west; some moisture stress evident Columbia Basin. Irrigation needs high. Grass seed crops varied condition west. Red clover cut for hay, silage Willamette Valley. Alfalfa, other hay being cut most areas. Early strawberry picking started, some misshapen berries caused by freeze injury. Red raspberry development ahead of normal. Black raspberry fruit set reasonably good. Cranberry bloom south coast. Pears good Medford; poor fruit set some varieties Hood River. Light apple set Hood River due to April frosts, Milton-Freewater due to winter injury. Sweet corn, snap bean planting continued west. Vegetable growth very rapid with warm nights, days. Potatoes began emerging Klamath Basin, began row closure Hermiston-Boardman area. Green peas suffering from heat Milton-Freewater. Melons started running Hermiston. Livestock good statewide. Ranges, pastures good west, higher country of east; low elevation pastures dried out east. Good grass year with some June rain east; without rain dry out rapidly.

PENNSYLVANIA: Warm, dry. Locally heavy rain, flash flooding Pittsburgh. Average temperature 69°, 7° above normal. Temperature extremes 43°; 94°. Average precipitation 0.31 in., 0.88 in. below normal.

Days suitable for fieldwork 5.0. Soil moisture 38% short, 62% adequate. Plowing 99% complete, 98% 1985, 91% avg. Corn 92% planted, 93% 1985, 78% avg. Potatoes 96% planted, 100% 1985, 92% avg. Soybeans 63% planted, 62% 1985, 43% avg. Hay stands mostly good to fair. Feed from pastures mostly average. Barley 15% boot; 85% headed. Wheat 6% pre-boot, 23% boot; 71% headed. Wheat 3% poor, 21% fair, 61% good, 15% excellent. Oats 2% poor, 31% fair, 52% good, 15% excellent. Activities: Harvesting hay, haylage; planting soybeans, corn, potatoes; harvesting strawberries; spraying corn, fruit trees.

PUERTO RICO: Island average rainfall 1.58 in., 0.13 in. above normal. Highest weekly total 4.65 in. Highest 24-hour total 2.45 in. Temperature averaged about 80° on coasts, 74° interior divisions. Mean station temperature ranged from 67 to 81°. Extremes 57°; 95°. Total rainfall 1.93 in., plus 0.81 in.

SOUTH CAROLINA: Seasonal temperatures start of week, hot and humid late week. Livestock heat stress problem late week. Rain showers and heavy, localized thunderstorms yielded good amounts of rain most areas.

Days available for fieldwork 5.6. Soil moisture 21% very short, 46% short, 32% adequate, 1% surplus. Cotton 31% poor, 66% fair, 3% good; 100% planted, 100% 1985, 100% avg. Tobacco fair to good; 100% planted. Corn fair to good; 1% silked, 4% 1985, 4% avg. Peanuts fair to good; 82% planted, 94% 1985, 97% avg. Soybeans fair; 34% planted, 41% 1985, 45% avg. Peaches fair to good;

8% harvested, 4% 1985, 4% avg. Pastures, wheat, rye, oats, barley poor to fair. Harvest of wheat, other small grains well underway.

SOUTH DAKOTA: Average temperatures none to 5° above normal north, none to 3° below normal south. Extremes 34°; 91°. Rainfall 1.00 in. southeast; north, west 0.10 in. or less; east central, south central 0.50 in. or less.

Days suitable for fieldwork 3.5. Topsoil moisture short west, surplus east, adequate elsewhere; 20% short, 46% adequate, 34% surplus. Subsoil moisture surplus east, adequate elsewhere; 11% short, 61% adequate, 28% surplus. Warm, dry weather helping row crop planting progress. Planting 1 week behind normal. Crops mostly good. Range, pastures, livestock good. Calving, lambing nearly complete.

TENNESSEE: Temperatures 1 to 3° above normal. Heavy rainfall, 2.00 to 6.00 in common.

Days suitable for fieldwork 1.3. Soil moisture 12% short, 60% adequate, 28% surplus. Corn 94% planted, 97% 1985, 88% avg.; 3% very poor, 4% poor, 43% fair, 46% good, 4% excellent. Cotton 94% planted, 100% 1985, 96% avg.; 9% poor, 36% fair, 55% good. Sorghum 75% planted, 70% 1985; 5% very poor, 6% poor, 40% fair, 47% good, 2% excellent. Soybeans 35% planted, 40% 1985, 30% avg. Wheat 8% ripe, 13% 1985, 8% avg.; 7% very poor, 29% poor, 49% fair, 14% good, 1% excellent. Tobacco 45% transplanted, 80% 1985, 65% avg.; 4% very poor, 16% poor, 51% fair, 28% good, 1% excellent. Cattle good. Pastures improved.

TEXAS: Tropical air expanded influence over State during week. Unstable weather conditions covered much west, southwest, some heavy rains west central. Weekend heavy rains High Plains. Showers Hill Country, Winter Garden. Rainfall totals above average all areas State. Cloudiness, humidity, accompanied rain, kept daytime temperatures down. Averages below normal this time of year, especially west. Temperatures Upper Coast normal.

Crops: Small grain harvest held up many parts north, central. Some early week harvest fair to good yields Blacklands, Cross-Timbers. Harvest slow pace east, south. Most fields harvested areas. Harvest dryland fields resume, should increase Plains fields dry out. Some damage by hail this area. Corn continued good progress most areas. Some sidedressing nitrogen completed Plains before rain. Most fields Blacklands, central tasseling. Some fields east, south, Rio Grande Valley entering dough stage. Rains improved condition most major producing areas. Grain sorghum planting stalled across most High Plains by rains last week. Planting moisture improve, activities should increase as fields dry. Fields central, Blacklands beginning head out. Recent moisture should improve progress. Fields Rio Grande Valley, Coastal Bend continued turn color. After fields dry, planting cotton increase Plains, Cross Timbers because recent boost soil moisture. Some early planted fields heavy damage from hail. Thrips damaging young plants. Cotton Blacklands, central making good progress, spraying for insects as weather permits. Fields Coastal Bend, Rio Grande Valley set bolls. Insect pressure increasing. Rice fields along Upper Coast beginning head out. Fertilization continued. Emergence good. Peanut soil moisture improve most areas, planting should increase as producers able enter fields. Early fields up to stands Cross-Timbers. Cooler, wetter weather slowed growth. **Other Field Crops:** Peanuts 38% planted, 39% 1985, 32% avg. Soybeans 54% planted, 36% 1985, 35% avg. Sunflowers 39% planted, 28% 1985, 44% avg. Oats 36% harvested, 19% 1985, 27% avg.

Commercial Vegetables: Rio Grande Valley onion harvest final stages. Harvest melons, peppers

continued with some rain delays. Cucumbers being harvested. San Antonio-Winter Garden watermelons good progress. Some damage hail. Some early fields harvested as weather permits. Onion harvest slow. East, sweetpotatoes good progress. Transplanting continued. Harvest vegetables slowed by wet conditions. High Plains, onions, peppers, potatoes making rapid progress. Cucumbers blooming Knox-Haskell areas. Trans-Pecos cantaloups continued to bloom. Onions good progress harvest about to begin. Early peach harvest continued. Quality good. Prices improved from last year. Pecan producers continued spraying schedule. Nutlets set many areas.

Range and Livestock: Ranges, pastures benefited greatly many areas past few weeks from good rains. Growth, greening increased. Hay cutting well underway east, begun many other areas. Grasshoppers beginning cause problems. Livestock conditions improving with increased forage availability. Market remains down.

UTAH: Temperature extremes maximums 3 to 90 above normal. Minimums 10 below to 80 above normal. Precipitation none.

Days suitable for fieldwork 6.8. Topsoil moisture 40% short, 60% adequate. Corn 86% planted, 89% 1985, 73% avg. Potatoes 75% planted, 75% 1985, 61% avg. Oats 83% emerged, 89% 1985, 77% avg. Winter wheat 82% jointed. Alfalfa 1st cutting 26% complete, 7% 1985. Winter wheat 38% fair, 62% good to excellent. Frost damage showing north. Spring wheat 58% fair, 42% good to excellent; barley 33% fair, 67% good to excellent; oats 43% fair, 57% good. Alfalfa fair. Sweet cherries, apricots poor. Tart cherries, peaches, apples, pears fair. Spraying for cherry fruit fly, aphid. Major farm activities: Summer fallow cultivation, irrigation preparation, field spraying, hay harvest. Range, pastures good. Range drying south. Livestock good.

VIRGINIA: Temperatures normal. Range 38 to 93°. Precipitation light east, moderate west. Range none to 0.99 in.

Days suitable for fieldwork 4.3. Soil moisture 60% short, 34% adequate, 6% surplus. Drought returning central, east. Adequate moisture west, southwest mountains. Corn planting 94% complete, 95% 1985, 94% avg.; mostly good. Soybean planting 44% complete, 49% 1985, 46% avg.; mostly good. Germination spotty some areas. Peanut planting virtually complete; good to excellent. Flue-cured tobacco transplanting 87% complete, 94% 1985, 89% avg.; mostly good, some excellent. Burley tobacco transplanting very slow, 20% complete, 55% 1985, 54% avg. Many plantbeds still developing, rain

delayed transplanting. Plants scarce; poor to fair. Flue-cured tobacco transplanting 70% complete, 79% 1985, 73% avg. Apples good to excellent. Cut small grain for silage. Barley harvest began. Pastures mostly fair. Hay poor to fair. Potatoes mostly good. Sheep shearing approaching completion.

WASHINGTON: Warm, dry throughout State. Average temperatures above normal; 3 to 10° west, 8 to 13° central, west. Precipitation none to 0.71 in.

Days suitable for fieldwork 6.8. Soil moisture 15% short, 85% adequate. Wheat, barley mostly good to fair. Strawberries, raspberries peak bloom. Vegetable planting full swing. Hay supplies 10% short, 90% adequate. Range, pasture 10% short, 90% adequate. Livestock mostly good.

WEST VIRGINIA: Temperatures 1 to 6° above normal. Temperature extremes 41° Gary; 94° Wheeling. Precipitation 0.17 to 0.45 in. below normal. Average precipitation 0.52 in.

Days suitable for fieldwork 3.2. Soil moisture 25% short, 68% adequate, 7% surplus. Feed supplies 25% short, 71% adequate, 4% surplus.

WISCONSIN: Temperatures warmer north, averaged 67°, 50° above normal; low 42°, high 94°. Rainfall range none to 2.00 in., most areas trace.

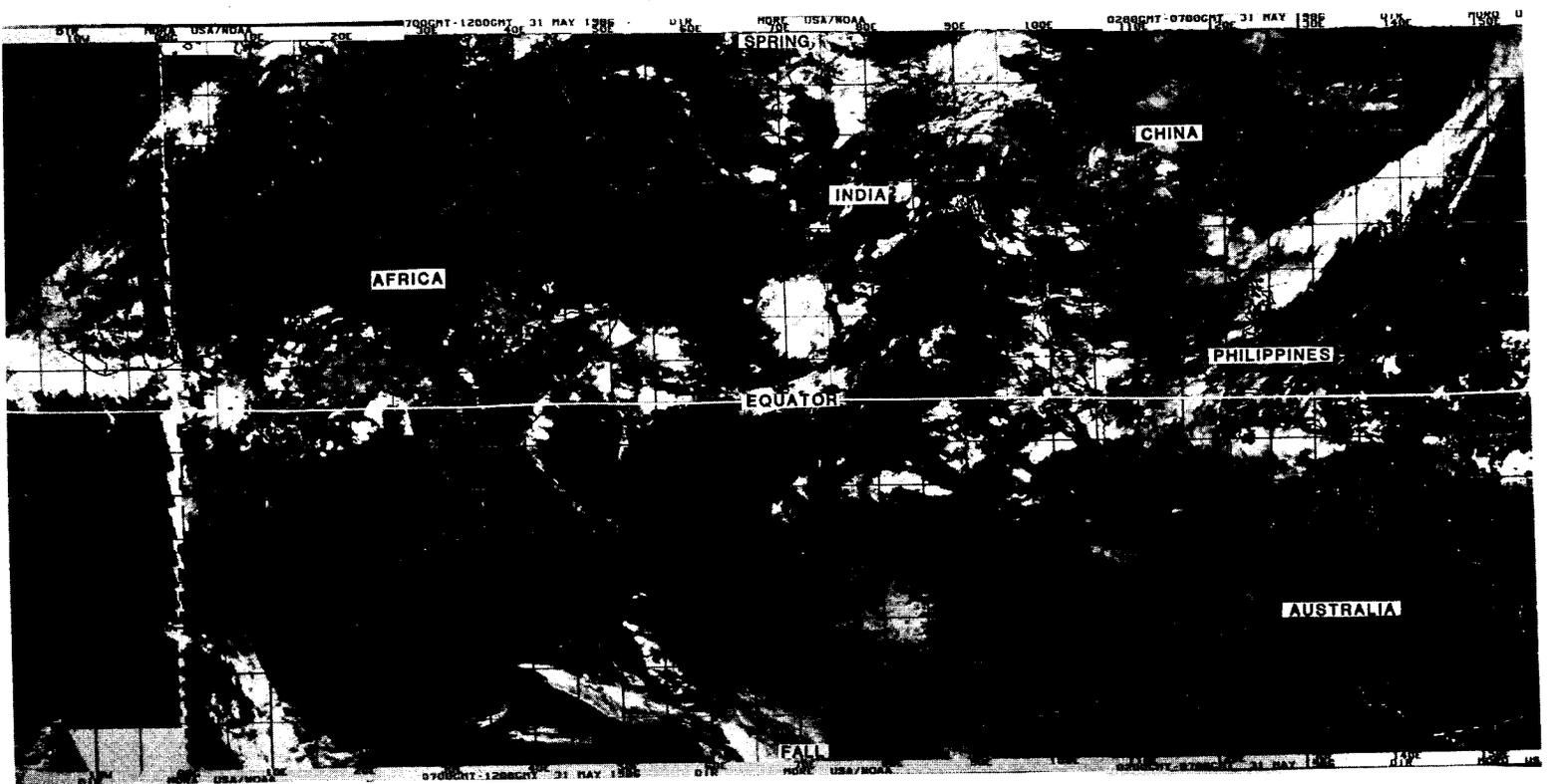
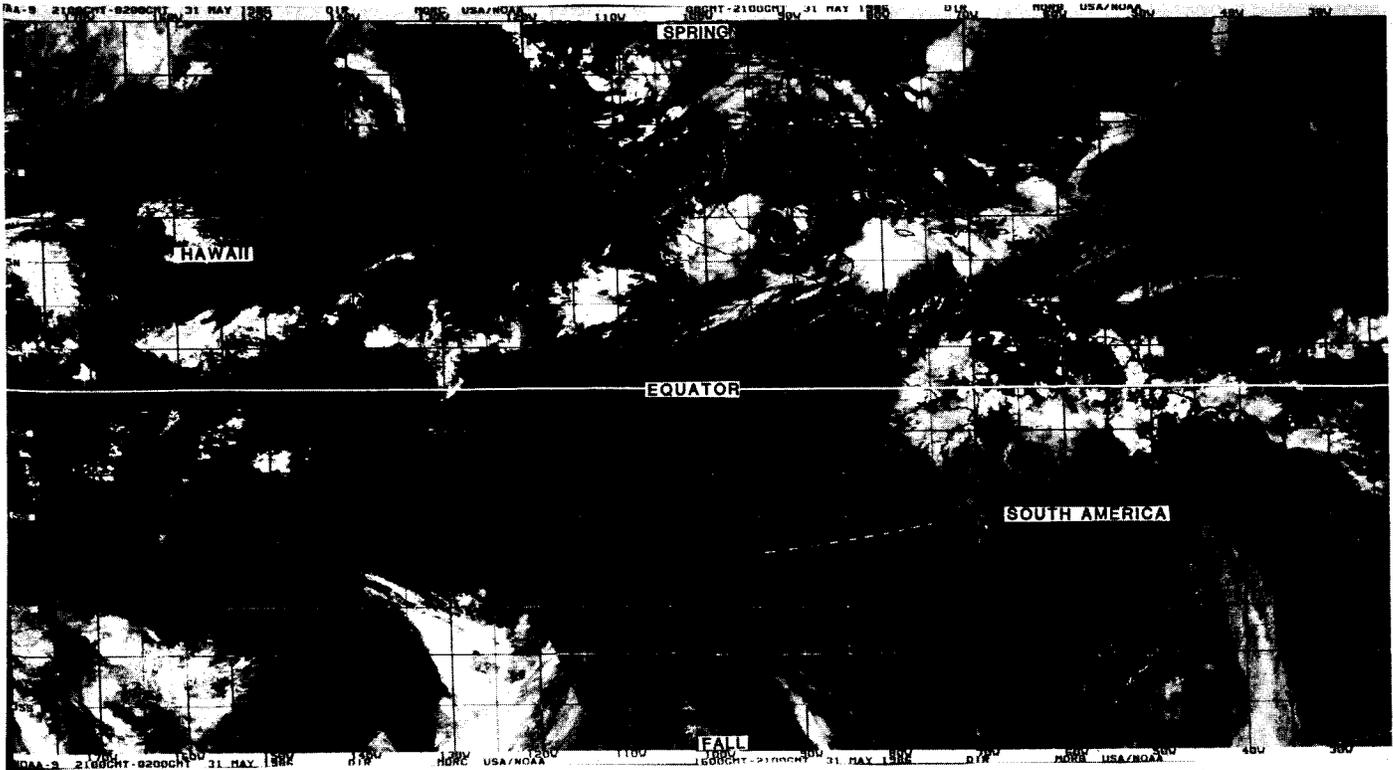
Days suitable for fieldwork 6.4. Soil moisture 47% short, 51% adequate, 2% surplus. Corn planted 94%, 94% 1985, 86% avg. Corn 3% poor, 25% fair, 64% good, 8% excellent. Soybeans planted 76%, 75% 1985, 57% avg. First cutting hay 10% complete, 21% 1985, 6% avg. Rain needed to improve crop development. Major farm activities: Planting soybeans, vegetables, haying, spraying corn, soybeans.

WYOMING: Temperatures above normal northwest quarter, below normal rest of State. Very dry week.

Days suitable for fieldwork 7.0. Topsoil moisture 52% short, 48% adequate. Spring wheat planted 100%, 100% 1985, 95% avg.; emerged 90%, 85% 1985, 75% avg. Oats planted 95%, 95% 1985, 90% avg.; emerged 75%, 85% 1985, 70% avg. Barley planted 95%, 100% 1985, 95% avg.; emerged 90%, 95% 1985, 80% avg. Sugarbeets emerged 95%, 100% 1985, 90% avg. Corn planted 85%, 95% 1985, 85% avg.; emerged 65%, 75% 1985, 55% avg. Potatoes planted 75%, 95% 1985, 70% avg.; emerged 35%, 70% 1985, 30% avg. Dry beans planted 25%, 60% 1985, 40% avg.; emerged 5%, 10% 1985. Winter wheat 40% fair, 60% good. Livestock mostly good. Calf, lamb losses light to normal. Ranges, pastures mostly good. Livestock movement to summer ranges: Cattle, calves, 40%; sheep, lambs, 40%.

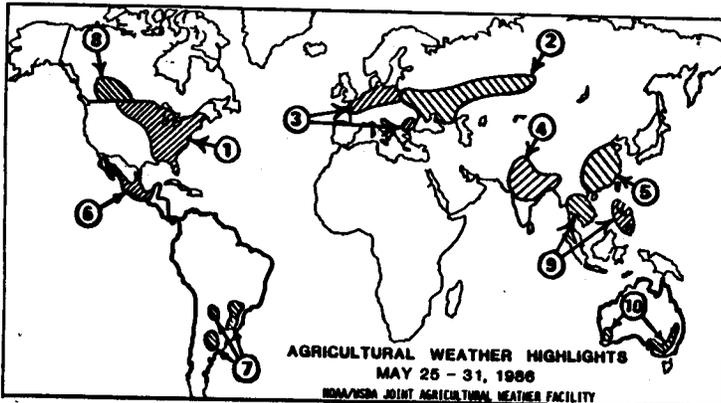
Global Weather Satellite Image

May 31, 1986



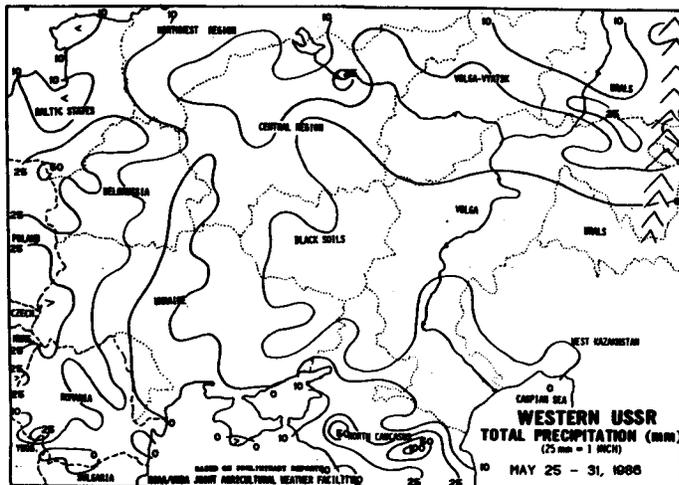
International Weather and Crop Summary

May 25 - 31



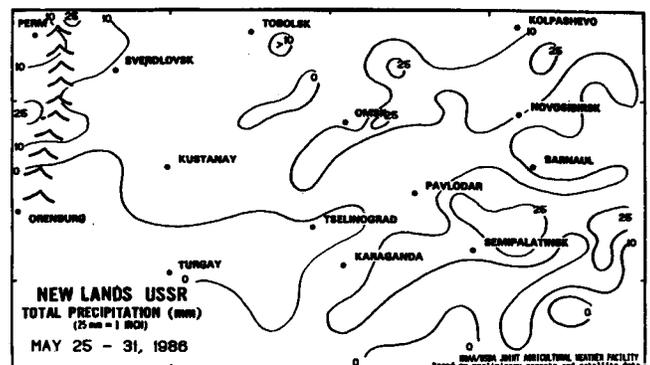
HIGHLIGHTS:

- 1. UNITED STATES** ... Rain in the eastern half of the Nation slows planting but helps alleviate dryness in the Southeast. Seeding was ahead of normal in most Corn Belt and central Great Plains States. Dry weather spurs planting in the Northern Plains and Rocky Mountain States.
- 2. U.S.S.R.** ... In Western U.S.S.R., unseasonably warm, dry weather over the southeast stresses winter grains advancing through reproduction. In the New Lands, moisture is mostly favorable for spring grain emergence and early growth, but Orenburg's weather has been unseasonably dry since March.
- 3. EUROPE** ... Unseasonably cool weather slows crop growth in the northwest. Wet weather benefits crops in the east, while the weather in southwestern Romania and northern Bulgaria has been unfavorably warm and dry.
- 4. SOUTH ASIA** ... Premonsoon showers increase but more rain is needed for planting.
- 5. EASTERN ASIA** ... Moisture is adequate for most rice areas. Drier-than-normal weather stresses nonirrigated crops in the North China Plain and Manchurian Valley.
- 6. MEXICO** ... Rain helps crops in the northeast and Southern Plateau corn belt. Dryness limits moisture for planting along the west coast but favors wheat harvesting in the northwest.
- 7. SOUTH AMERICA** ... Heavy rain delays Brazil's soybean harvest in the south and west. Mostly dry weather prevails in Argentina, favoring crop harvesting.
- 8. CANADA** ... Warm, dry weather promotes spring grain planting and emergence.
- 9. SOUTHEAST ASIA** ... Drier weather covers Thailand but moisture is adequate for planting. Rain benefits rice in the northern Philippines.
- 10. AUSTRALIA** ... Unfavorably dry weather persists in northeastern wheat areas, hampering planting and establishment.



U.S.S.R. ... A high-pressure system remained nearly stationary over major winter grain areas of southeastern Western U.S.S.R., keeping most of the area dry. Temperatures increased during the week, and by week's end, maximum temperatures in the eastern Ukraine, Black Soils Region, Volga, and the northeastern Ukraine reached 30 degrees C, with minimums around 15 degrees C. The unseasonably warm dry weather further stressed winter grains advancing through the critical reproductive stage. Crop conditions likely are beginning to deteriorate in some areas, and widespread rain is needed soon. By week's end, a frontal system approached from the west, spreading beneficial showers (10 to 45mm) over the Baltic States, Central Region, western Belorussia, and the western Ukraine.

In the New Lands, generally dry weather covered the western half of the region, aiding spring grain planting. Highly beneficial rain (10 to 46mm) fell over marginal spring grain areas from Karaganda through Pavlodar into Semipalatinsk, providing very favorable soil moisture for spring grain emergence and early growth. Moisture conditions over much of the region are adequate for spring grain emergence and early growth except around Orenburg where dry weather since March has likely created unfavorable conditions for crop germination.

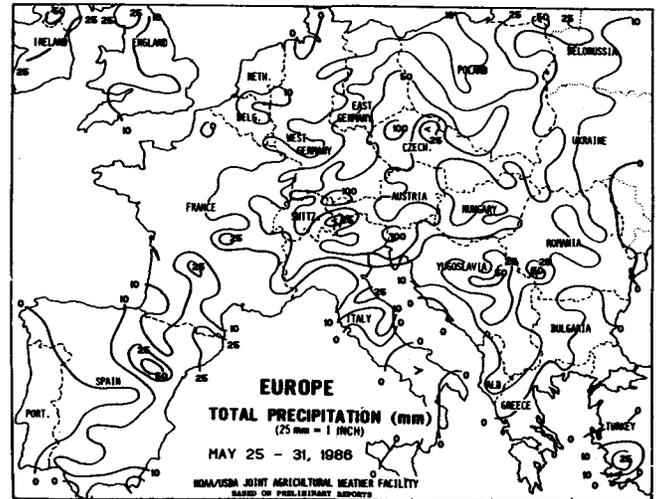


MONTHLY DATA FROM SELECTED FOREIGN CITIES
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA
*** = DATA NOT AVAILABLE

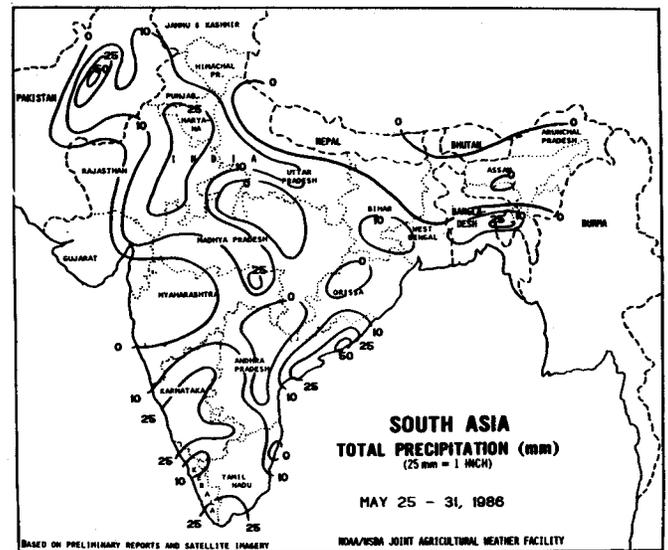
May 1986

COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)			COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
	AVG	AVG	HI	LO	DPART	F/NRM	TOTAL	DPART		AVG	AVG	HI	LO	DPART	F/NRM	TOTAL	DPART
	MAX	MIN	MAX	MIN	AVG					MAX	MIN	AVG	MAX	MIN			
NORWAY OSLO	15	4	22	0	10	0.7	48.8	-12.8									
SWEDEN STOCKHOLM	18	7	21	4	12	2.3	46.0	15.4									
FINLND HELSINKI	16	6	23	3	11	1.6	41.6	7.7									
U KING GLASGOW	14	7	20	3	10	-1.0	147.0	75.9									
EDINBURGH	14	7	17	2	10	0.4	79.2	28.5									
BIRMINGHAM	15	7	20	2	11	0.3	78.6	22.8									
LONDON	15	7	21	0	11	0.0	54.2	-1.8									
IRELND DUBLIN	14	7	18	1	11	-0.1	62.2	4.5									
ICELND REYKJAVIK	9	3	13	-3	6	-0.9	36.4	-3.5									
DENMRK COPENHAGEN	16	7	21	2	12	-0.2	56.8	14.9									
LUXEMB LUXEMBOURG	17	9	25	2	13	0.8	89.2	23.0									
SWITZL ZURICH	19	11	27	4	15	2.5	153.5	51.7									
GENEVA	21	11	29	3	16	2.6	56.0	-12.9									
FRANCE PARIS	19	8	26	3	14	0.5	31.8	-23.1									
STRASBOURG	21	11	29	5	16	2.4	94.6	32.4									
BOURGES	19	9	27	2	14	0.5	97.7	26.0									
BORDEAUX	21	10	30	4	16	1.2	41.6	-28.1									
TOULOUSE	22	11	31	3	17	2.0	42.3	-30.2									
MARSEILLE	24	14	29	9	19	1.9	1.9	-40.4									
SPAIN VALLADOLID	22	8	30	-1	15	1.4	37.5	-6.5									
MADRID	25	10	33	2	17	0.9	17.5	-22.8									
SEVILLE	29	15	36	9	22	2.6	9.6	-25.9									
E GRMY LEIPZIG	21	10	28	6	15	2.7	66.8	16.1									
DRESDEN	21	11	29	6	16	3.0	138.6	75.6									
W GRMY HAMBURG	19	9	25	1	14	2.0	70.4	15.9									
BERLIN	20	11	28	6	16	2.1	57.6	4.1									
DUSSELDORF	20	10	27	4	15	1.3	75.0	15.1									
STUTTGART	20	11	28	6	15	2.6	75.2	-4.0									
NURNBERG	21	11	29	5	16	3.1	84.2	24.7									
MUNICH	20	10	27	3	15	2.8	116.8	17.4									
AUSTRI VIENNA	22	12	27	6	17	2.0	49.2	-12.8									
INNSBRUCK	22	10	29	4	16	2.5	157.8	72.6									
CZECH PRAGUE	21	10	29	5	15	2.7	170.3	103.3									
POLAND WARSAW	20	9	28	3	15	1.6	58.9	6.7									
LODZ	20	9	27	5	15	1.9	87.4	36.3									
KATOWICE	20	9	26	4	15	1.9	66.5	-1.6									
PRZEMYSL	20	10	26	3	15	1.8	67.3	-3.1									
HUNGAR BUDAPEST	24	13	29	8	18	2.5	37.9	-10.6									
YUGOSL SARAJEVO	23	9	29	3	16	2.6	59.8	-24.3									
ROMANI BUCHAREST	25	11	31	3	18	1.1	14.9	-56.2									
BULGAR SOFIA	22	11	28	4	16	1.8	22.7	-59.7									
ITALY MILAN	25	15	30	10	20	3.3	50.2	-37.3									
VERONA	27	15	32	8	21	4.3	46.9	-34.3									
VENICE	24	15	28	10	20	3.0	53.6	-17.1									
GENOA	23	17	32	12	20	2.4	16.0	-92.0									
ROME	23	13	29	8	18	0.9	0.2	-37.7									
NAPLES	26	14	30	9	20	3.1	18.6	-33.6									
GREECE THESSALONIKA	24	13	30	8	19	-1.0	66.8	17.5									
LARISSA	25	11	34	5	18	-1.4	24.4	-15.9									
ATHENS	25	16	29	12	20	-0.4	11.2	-9.8									
TURKEY ISTANBUL	20	11	27	6	16	-0.1	3.0	-27.0									
ANKARA	18	4	25	-3	11	-5.8	48.3	6.3									
CYPRUS LARNACA	24	15	30	11	20	-1.0	24.8	13.9									
USSR TALLINN	16	6	25	0	11	1.9	23.9	-13.6									
LENINGRAD	15	7	25	1	11	0.9	38.5	0.5									
KAUNAS	18	8	27	3	13	0.9	37.9	-15.1									
MINSK	20	8	27	2	14	1.8	12.8	-48.6									
KAZAN	16	5	29	-3	10	-2.8	17.3	-20.8									
MOSCOW	19	8	29	0	13	0.7	4.1	-56.3									
SVERDLOVSK	12	2	26	-5	7	-4.5	60.3	18.9									
OMSK	15	5	28	-2	10	-2.2	81.1	54.6									
KUSTANAY	17	5	30	-4	11	-2.8	29.8	6.3									
KRASNOYARSK	14	4	26	-4	9	0.2	37.1	-6.0									
NOVOSIBIRSK	14	5	25	-3	10	0.0	64.1	31.1									
BARNAUL	16	6	25	0	11	-0.8	69.9	34.0									
KHABAROVSK	17	5	29	-2	11	-0.8	63.1	1.3									
VLADIVOSTOK	15	6	23	-1	11	1.1	67.6	-6.0									
KIEV	22	9	29	1	15	0.7	19.1	-32.7									
LVOV	21	8	28	0	14	1.8	52.8	-19.3									
KIROVOGRAD	22	9	30	0	15	0.2	4.0	-43.9									
USSR ODESSA	23	11	30	3	17	1.8	10.7	-32.8									
YALTA	20	12	28	2	16	0.1	39.8	14.9									
VORONEZH	20	8	31	-1	14	-0.5	60.3	9.2									
SARATOV	18	9	29	0	14	-1.1	28.9	-14.8									
KHARKOV	20	10	29	-1	15	-0.5	136.4	89.4									
VOLGOGRAD	21	10	31	-2	16	-1.1	11.2	-20.6									
ROSTOV	21	11	29	1	16	-1.1	35.0	-14.8									
ASTRAKHAN	24	12	31	3	18	-0.7	4.5	-16.2									
KRASNODAR	21	10	28	1	15	-1.7	109.0	46.2									
ORENBURG	20	7	31	-1	14	-2.3	18.6	-9.7									
TSELINOGRAD	18	7	28	1	12	-0.1	39.8	13.1									
KARAGANDA	19	8	29	3	13	0.1	53.8	23.1									
TBILISI	20	11	30	7	16	-2.2	116.7	38.1									
TASHKENT	29	15	39	7	22	1.8	11.4	-33.5									
ASHKHABAD	31	16	37	10	24	0.4	9.6	-18.4									
SYRIA DAMASCUS	27	9	35	4	18	-2.7	0.0	-5.4									
ISRAEL JERUSALEM	21	11	27	7	16	-4.0	13.3	9.1									
PAKIST KARACHI	36	26	43	21	31	0.7	0.0	0.0									
INDIA AMRITSAR	36	19	42	13	27	-2.7	25.5	11.1									
NEW DELHI	38	24	42	19	31	-2.1	21.9	5.0									
AHMEDABAD	42	27	45	21	34	0.1	11.4	5.2									
INDORE	40	24	48	19	32	0.0	6.4	-3.0									
CALCUTTA	35	25	39	20	30	-1.8	146.0	63.8									
VERAVAL	32	27	34	22	29	0.6	0.0	-1.7									
BOMBAY	34	27	38	25	31	0.8	0.0	-19.9									
POONA	37	23	40	18	30	-0.2	30.0	-16.0									
BEGAMPET	40	27	42	21	34	1.2	0.1	-38.1									
MADRAS	39	28	43	26	33	0.7	1.6	-43.6									
MANGALORE	34	26	35	21	30	0.6	71.7	-161.2									
H KONG HONG KONG	28	25	31	21	26	0.4	408.9	105.4									
N KREA PYONGYANG	21	9	29	3	15	0.4	62.3	-14.7									
S KREA SEOUL	23	13	28	9	18	1.3	69.5	-16.6									
JAPAN SAPPORO	16	8	25	4	12	-0.2	49.0	-10.1									
NAGOYA	23	14	29	10	18	0.3	213.5	52.0									
TOKYO	22	15	27	11	18	-0.1	215.5	67.8									
YOKOHAMA	21	15	26	11	18	-0.2	291.5	127.8									
KYOTO	23	14	29	9	19	0.1	194.9	38.6									
OSAKA	23	15	28	11	19	-0.2											

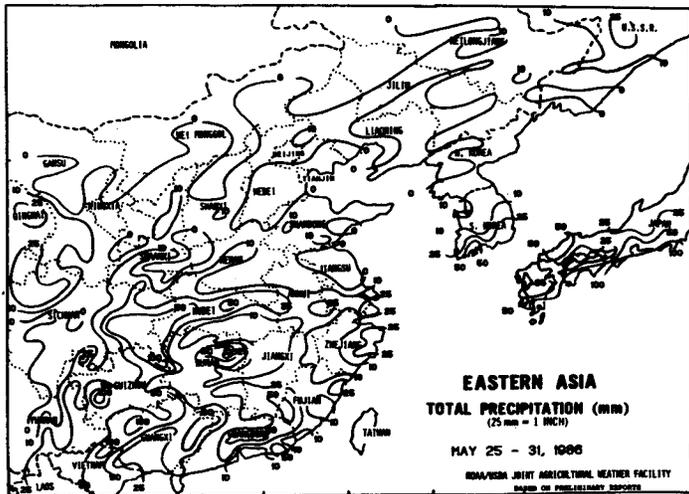
COUNTRY CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
	AVG	AVG	HI	LO	DPART	TOTAL	DPART	F/NRM
	MAX	MIN	MAX	MIN	AVG			
GABON LIBREVILLE	30	24	35	20	27	0.2	294.0	26.1
TOGO LOME	33	23	35	21	28	1.3	45.0	-103.0
B FASO OUAGADOUGOU	38	27	41	21	32	1.0	90.0	2.3
IVRY C ABIDJAN	31	25	33	20	28	1.0	146.7	-176.1
MOZAMB MAPUTO	28	17	35	13	22	1.4	0.0	-28.6
ZAMBIA KABWE	24	11	29	10	18	-0.1	0.0	-5.0
ZIMBAB HARARE	24	11	25	8	17	1.3	0.3	-11.6
S AFRI PRETORIA	24	10	27	7	17	3.1	0.0	-21.0
KROONSTAD	23	3	26	-2	13	1.1	1.0	-21.1
JOHANNESBURG	22	10	24	6	16	3.6	0.0	-21.0
BETHAL	22	6	24	4	14	2.3	0.0	-19.1
DURBAN	25	14	29	11	20	1.1	2.9	-54.0
CAPE TOWN	21	10	33	4	16	1.6	52.0	-24.0
CANADA TORONTO	20	9	29	-3	14	2.1	68.1	2.1
MONTREAL	19	8	31	-3	14	0.8	86.5	21.0
WINNIPEG	21	7	34	-3	14	2.7	25.0	-40.7
REGINA	20	6	34	-4	13	1.8	109.3	62.8
SASKATOON	20	6	35	-3	13	1.8	53.9	19.9
LETHBRIDGE	19	6	34	-2	12	1.1	67.9	17.1
CALGARY	17	4	32	-3	11	1.2	68.1	19.5
EDMONTON	19	6	32	-6	13	1.4	35.9	-6.6
VANCOUVER	16	9	23	4	12	0.2	100.8	49.2
MEXICO GUADALAJARA	33	13	38	2	23	-0.2	30.5	3.9
MEXICO CITY	25	13	32	10	19	0.9	50.1	-1.5
ACAPULCO	32	25	36	20	28	-0.3	28.9	-2.8
BERMUD ST. GEORGES	24	19	26	16	21	-0.3	24.5	-77.7
BAHAMA NASSAU	29	20	31	15	24	-0.9	56.4	-60.5
CUBA HAVANA	29	22	33	21	26	0.2	29.9	-85.0
JAMAIC KINGSTON	31	24	33	22	28	0.1	107.9	12.5
P RICO SAN JUAN	30	22	32	21	26	-0.6	293.6	150.3
GUADEL RAIZET	30	23	36	20	27	0.8	68.5	-26.9
MARTNQ LAMENTIN	30	24	32	21	27	1.3	88.6	-15.0
BARBAD BRIDGETOWN	30	25	31	22	27	0.1	19.8	-34.8
TRINID PORT OF SPAIN	32	24	33	22	28	0.8	27.3	-83.3
COLOMB BOGOTA	19	8	22	1	14	0.3	129.8	53.3
VENEZU CARACAS	31	24	35	23	28	1.0	35.4	-1.1
F GUIA CAYENNE	30	24	33	22	27	1.1	507.4	-78.0
BRAZIL FORTALEZA	30	23	31	22	26	-0.4	182.9	-66.3
RECIFE	29	23	31	21	26	0.4	326.8	15.3
BELO HORIZONTE	27	17	30	13	22	2.4	56.9	31.5
CAMPO GRANDE	28	19	31	6	23	2.9	260.6	179.6
FRANCA	25	16	28	13	21	2.1	136.1	96.2
RIO DE JANEIRO	28	22	33	20	25	2.5	25.6	-60.0
LONDRINA	26	16	30	10	21	2.8	121.7	44.3
SANTA MARIA	23	12	30	1	18	1.2	325.3	162.2
PORTO ALEGRE	24	14	31	5	19	2.0	164.9	49.8
PERU LIMA	22	16	25	13	19	0.1	0.0	0.0
BOLIVI LA PAZ	12	-2	15	-8	5	-2.9	12.7	-1.0
CHILE SANTIAGO	19	7	28	-1	13	1.6	85.2	40.9
ARGENT IGUAZU	23	15	30	4	19	***	55.9	***
FORMOSA	25	17	31	6	21	2.4	58.7	-58.3
CERES	21	13	30	1	17	1.0	21.1	-11.2
CORDOBA	22	11	30	1	16	2.3	4.0	-19.5
RIO CUARTO	20	9	28	1	15	1.6	13.6	-11.0
ROSARIO	19	11	29	0	15	1.4	3.3	-41.7
BUENOS AIRES	18	10	27	0	14	1.2	65.5	-11.5
SANTA ROSA	18	7	29	-5	13	1.5	4.4	-18.7
TRES ARROYOS	14	7	26	0	11	0.1	6.3	-52.8
MIDW I MIDWAY ISLAND	23	18	28	14	20	-1.7	79.7	-30.1
N CALD NOUMEA	26	20	30	17	23	0.5	210.8	116.6
FLJI NAUSORI	26	21	30	16	24	-0.7	92.6	-166.5
SAMOA PAGO PAGO	29	25	31	22	27	0.3	257.8	-41.1
TAHITI PAPEETE	30	23	33	20	26	0.5	249.3	143.4
N ZEAL AUCKLAND	18	10	20	4	14	0.0	195.0	77.4
WELLINGTON	15	9	19	4	12	0.7	57.6	-78.6
PA N G PORT MORESBY	30	24	31	20	27	0.0	10.0	-54.8
AUSTRAL DARWIN	32	25	34	22	28	1.1	14.6	-9.3
MOREE	23	12	26	5	17	2.4	78.2	39.0
BRISBANE	24	16	27	10	20	1.0	110.2	28.8
PERTH	20	11	27	6	15	-0.5	134.7	25.1
CEDUNA	20	10	26	4	15	0.6	13.0	-30.4
ADELAIDE	18	12	23	5	15	0.8	41.8	-21.9
MELBOURNE	16	10	21	6	13	0.5	67.6	10.3
WAGGA	16	9	22	2	13	1.4	140.8	86.0
CANBERRA	15	5	19	-3	10	1.1	45.4	-0.8
INDONE DJAKARTA	32	25	33	23	28	0.4	38.5	-48.1
PHILIP MANILA	33	25	36	22	29	-0.6	34.8	-89.8



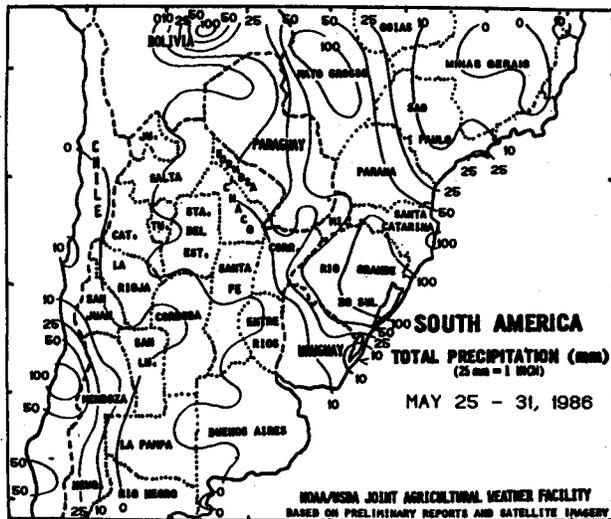
EUROPE ... High pressure dominated England, northern France, the Netherlands, and Belgium, ushering in unseasonably cool, dry weather. The dry weather in these areas was probably beneficial as it followed earlier wetness. The unseasonably cool weather likely slowed crop growth, and by week's end, daytime highs in these areas dropped to around 15 degrees C with nightly lows around 5 degrees C. Widespread wet weather further east benefited crops in East Germany, Czechoslovakia, northern Italy, Poland, Hungary, western Romania, and Yugoslavia. In southeastern Romania and northern Bulgaria, persistent dryness and unseasonably warm weather further stressed winter grains advancing through reproduction. Light showers in north Spain fell over winter grains in the filling stage.



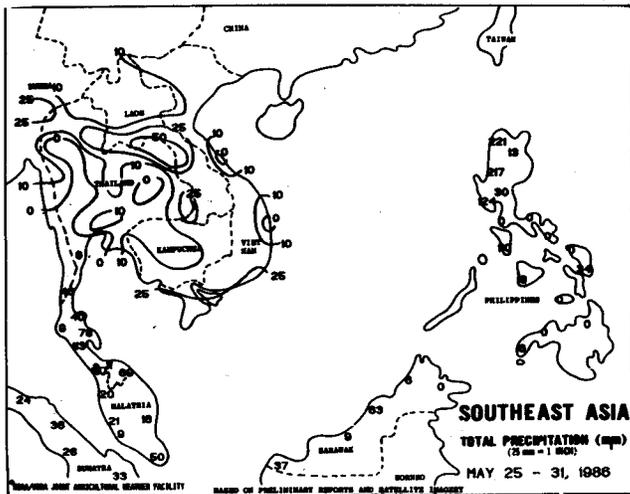
SOUTH ASIA ... Variable premonsoon showers fell in much of India. Moderate rain (10 to 35mm) fell in Kerala, Tamil Nadu, and Karnataka preparing the region for autumn rice planting. About 25 to 50mm of rain fell on the northeast coast of Andhra Pradesh, but only light showers (less than 10mm) fell in eastern Madhya Pradesh and eastern Uttar Pradesh. The scattered showers helped to lower the seasonably hot temperatures a few degrees below normal. Following the hot, dry season, all areas need substantial rain for rice, cotton, and groundnut planting to begin.



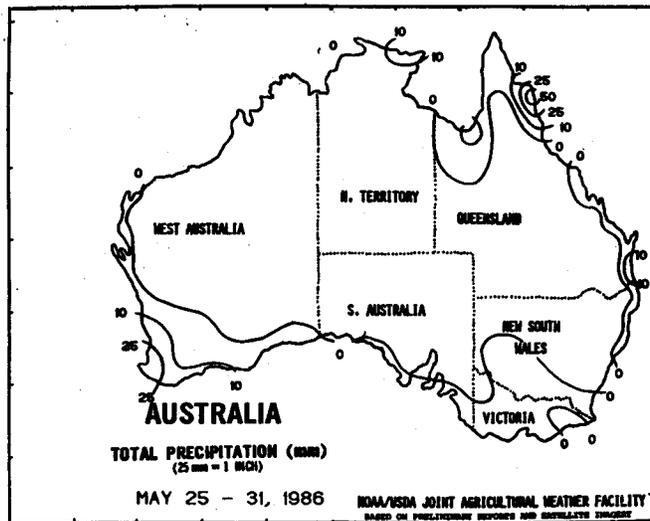
EASTERN ASIA ... Moderate to heavy rain (50 to 100mm) benefited southwestern early rice in the filling stage and late single crop rice planting. Light rain (mostly less than 10mm), continued in the Yangtze Valley but irrigation is likely supplying adequate moisture for intermediate rice in the vegetative stage. A narrow band of moderate rain (20 to 50mm) fell in Hubei, southern Anhui, and Jiangsu, slowing wheat harvesting. Light showers (less than 10mm) fell in the North China Plain where limited moisture is unfavorable for nonirrigated wheat in the filling stage and cotton, corn, and soybeans in the vegetative stage. Temperatures averaged above normal, further depleting moisture supplies. Scattered light showers fell in the northeast where moisture is needed for spring wheat entering the heading stage and early growth of corn and soybeans.



SOUTH AMERICA ... Heavy rain fell over southern and western soybean areas of Brazil's center-south. Weekly rainfall averaged 75 to 165mm in Rio Grande do Sul and Mato Grosso do Sul, delaying late soybean harvesting. Lighter rain fell in Parana where the harvest is mostly finished. Mostly dry weather occurred in the citrus/coffee areas of Sao Paulo and Minas Gerais. Light showers (1 to 5mm) fell in eastern areas of Argentina while dry weather prevailed in the west. The weather favored harvesting of sorghum, corn, and sunflowers -- which range from 80-percent to over 95-percent harvested. The soybean harvest pushed to over 35-percent complete. Cool weather moved into the region later in the week, bringing light, scattered frost to central Argentina and extreme southern Brazil.



SOUTHEAST ASIA ... Moderate monsoon activity continued in eastern Indochina. Much of Laos, Vietnam, and Kampuchea received 10 to 50mm of rain. Drier weather developed in much of Thailand. Most of central and eastern Thailand received less than 10mm of rain. Moisture is sufficient in most areas for corn and rice planting. Moderate rain (10 to 40mm) fell in northern Thailand, benefiting reservoirs. Moderate to heavy rain (25 to 100mm) rain continued in Luzon, Philippines, benefiting upland rice. Variable showers fell from southern Luzon through Mindanao.



AUSTRALIA ... A large area of high pressure dominated the weather in Australia, keeping the region mostly dry. Very light showers (1 to 3mm) fell in wheat areas of South Australia, Victoria, and southern New South Wales where moisture is adequate for early wheat growth. Dry weather persisted in northern New South Wales and southeastern Queensland. Limited moisture in the area likely hampers wheat establishment and delays further planting. Light to moderate showers (5 to 20mm) fell in Western Australia, benefiting wheat planting and establishment.

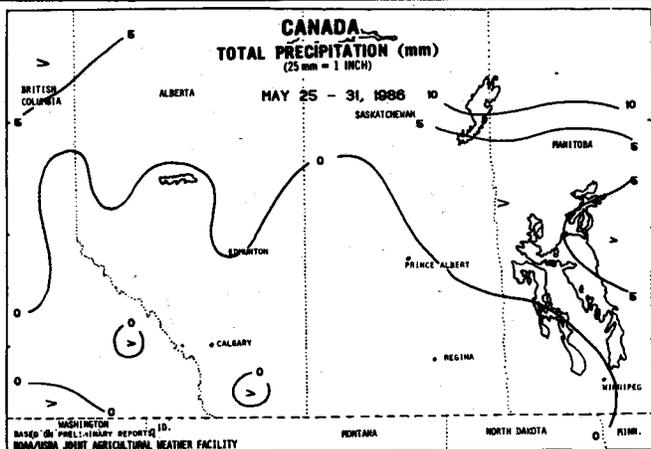
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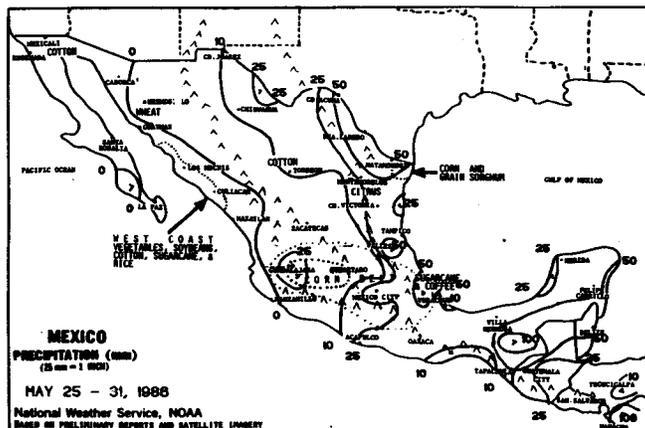
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National Oceanic and Atmospheric Administration
National Weather Service/Climate Analysis Center
Managing Editor (Acting) Lyle Denny
Meteorologists Tom Heddinghaus
Ray McInturff, Jim Williams, Wes Byrd,
Brian Jackson and Randall Taylor

Subscriptions (202) 447-7917 . . Cheryl Caleco

U.S. DEPARTMENT OF AGRICULTURE
Economics Management Staff
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CANADA ... Warm, dry weather covered the Prairie Provinces. The weather favored planting and emergence of spring crops, delayed by earlier cool, wet weather. Weekly temperatures averaged 5 to 9 degrees C above normal, promoting seed germination and crop growth. Planting progress lags substantially behind schedule from the earlier unfavorable weather conditions. The recent warmth and dryness promoted rapid planting. Crop plantings are normally completed by early June. Soil moisture is generally good to excellent in most areas. Topsoil moisture is adequate in the southwest, but moisture reserves may be limited in that portion of the grain belt.



MEXICO ... Dryness persisted along the west coast farming region, limiting moisture reserves for crop planting. Generally sunny weather favored wheat harvesting in the northwest. Rain helped grain-filling corn and sorghum in the northeast. Widespread showers produced highly variable rainfall across the Southern Plateau corn belt. The rain in western corn areas especially benefited planting and emergence, while showers in the east kept topsoils moist. Heavy tropical showers fell in southern Mexico.

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