

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

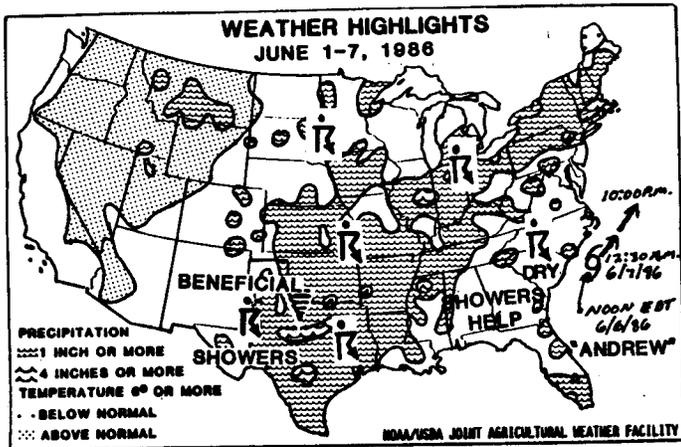
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June 10, 1986

National Weather Summary

May 25 to 31, 1986



showers and thunderstorms continued through most of the Rockies and across the northern Plains. It was cold in the Lakes area and in the Northeast, cooler air reached down the east coast to Georgia.

WEDNESDAY...Thunderstorms were still triggering severe weather through central Texas. Showers and thunderstorms were widespread through the Plains, across the Midwest and Great Lakes to Pennsylvania, and from the lower Mississippi Valley through the Ohio Valley. Lighter showers fell along the southeastern coast and through the Rockies.

THURSDAY...The worst of the severe weather moved northeastward out of the southern Plains and was widespread from Louisiana and eastern Oklahoma to the center of the Midwest and to southern New England. Scattered, light showers continued along the southeastern coast and in the northern Rockies and Montana.

FRIDAY...Thunderstorms again produced severe weather in central Texas, but the activity was not as widespread. Showers and thunderstorms were throughout the Great Plains and northern Rockies, from the lower Mississippi Valley through the Ohio Valley to southern New England, and across the Midwest. A few showers developed in North Carolina and along the South Carolina Coast.

SATURDAY...Showers and thunderstorms were again widespread from the southern Plains to New England, across the South, and through the East Coast States. The heaviest rain fell in southeastern Texas and southern Louisiana, and from southern and eastern Kentucky into West Virginia. Showers fell through the East Coast States, the Rockies, and the central Plateau.

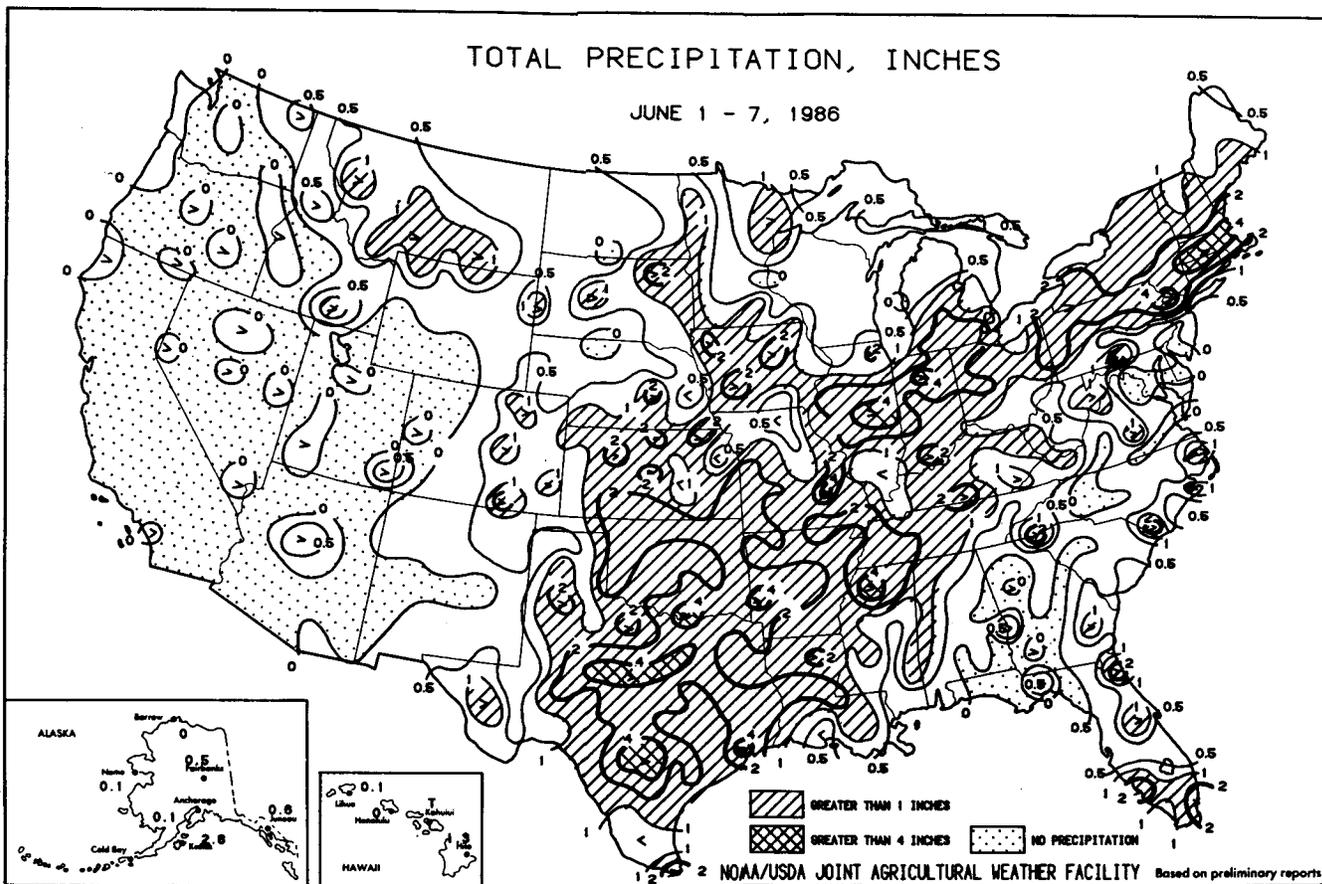
HIGHLIGHTS: Most of the Nation experienced showers and thunderstorms. The area west of the Rockies saw only isolated showers, as did the central Great Lakes region and the interior of the East Coast States from central Maryland southward. Severe weather was prolific from the central and southern Great Plains northeastward to southern New England. Some moderate showers fell in the northern Rockies and in Minnesota's Red River Valley. Temperatures were much warmer than normal in the northern Plateau region but quite cool from the Great Lakes through the Northeast.

SUNDAY...A storm system in the Northeast triggered showers and thunderstorms from the eastern Great Lakes and upper Ohio Valley through New England. Elsewhere, thunderstorms rumbled from the southern and central Plains to the lower Mississippi and Tennessee Valleys to the southern Appalachians. Cool weather pushed into the Great Lakes and Northeast but the West and northern Plains were unusually warm.

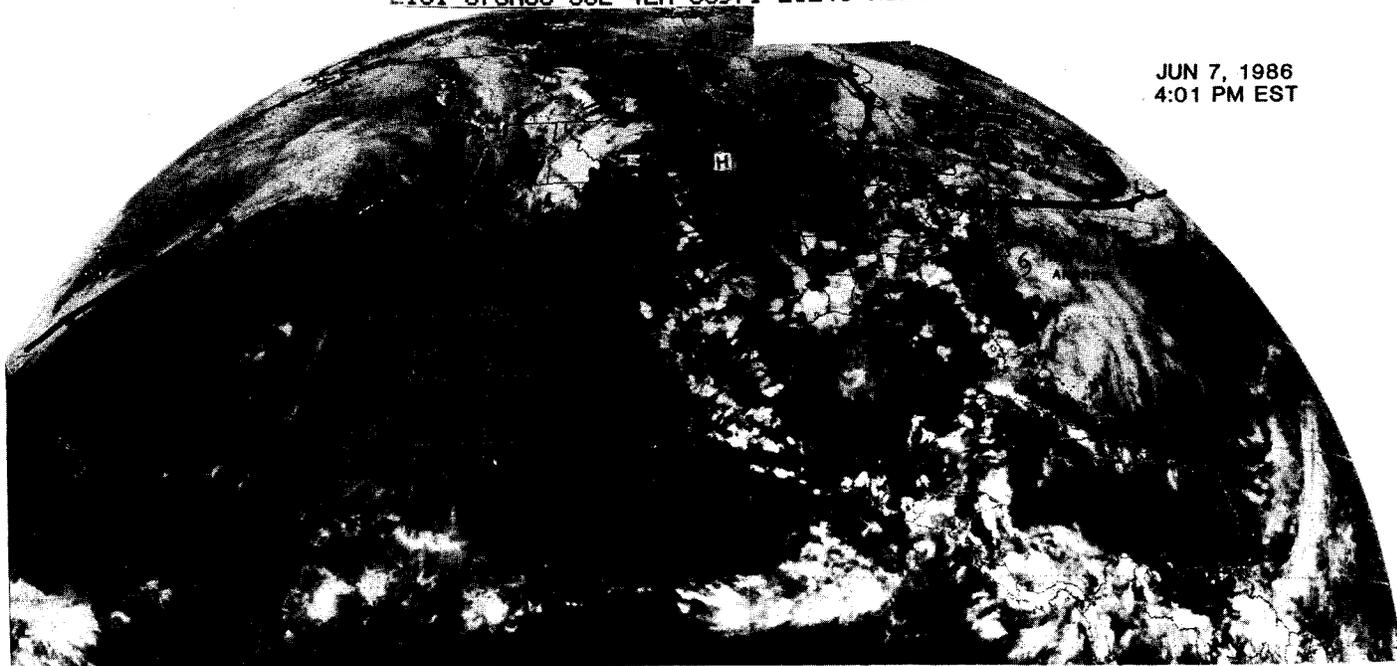
MONDAY...Cool weather continued through the Lakes and Northeast, pushing southward along the east coast. Showers and thunderstorms were widespread through the central and southern Great Plains and in Arkansas. Showers were scattered through the Tennessee Valley, West Virginia, and along most of the east coast. Showers were also scattered in the central and southern Rockies and the Plateau.

TUESDAY...Severe thunderstorms continued through the southern Plains and lower Mississippi. Heavy downpours seriously flooded areas around San Antonio, Texas. Lighter storms reached through the Tennessee Valley and over Florida. Scattered

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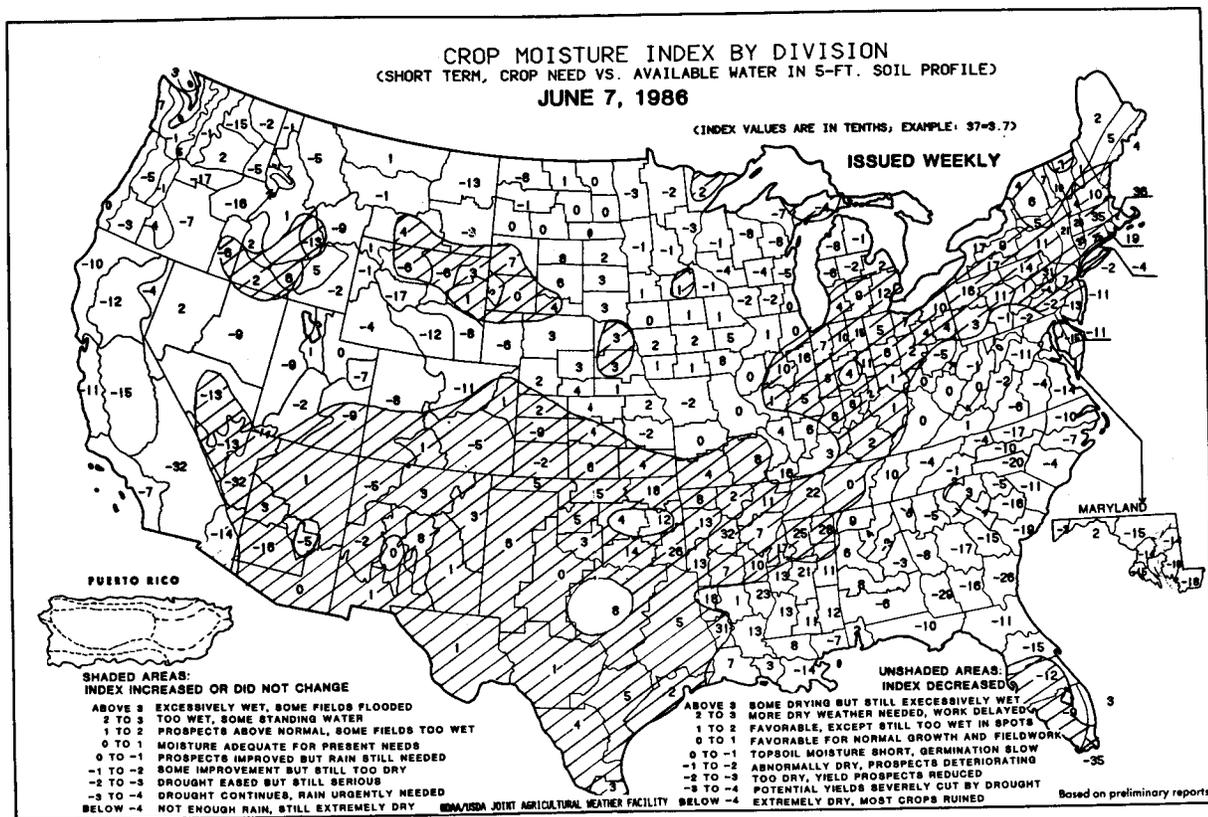
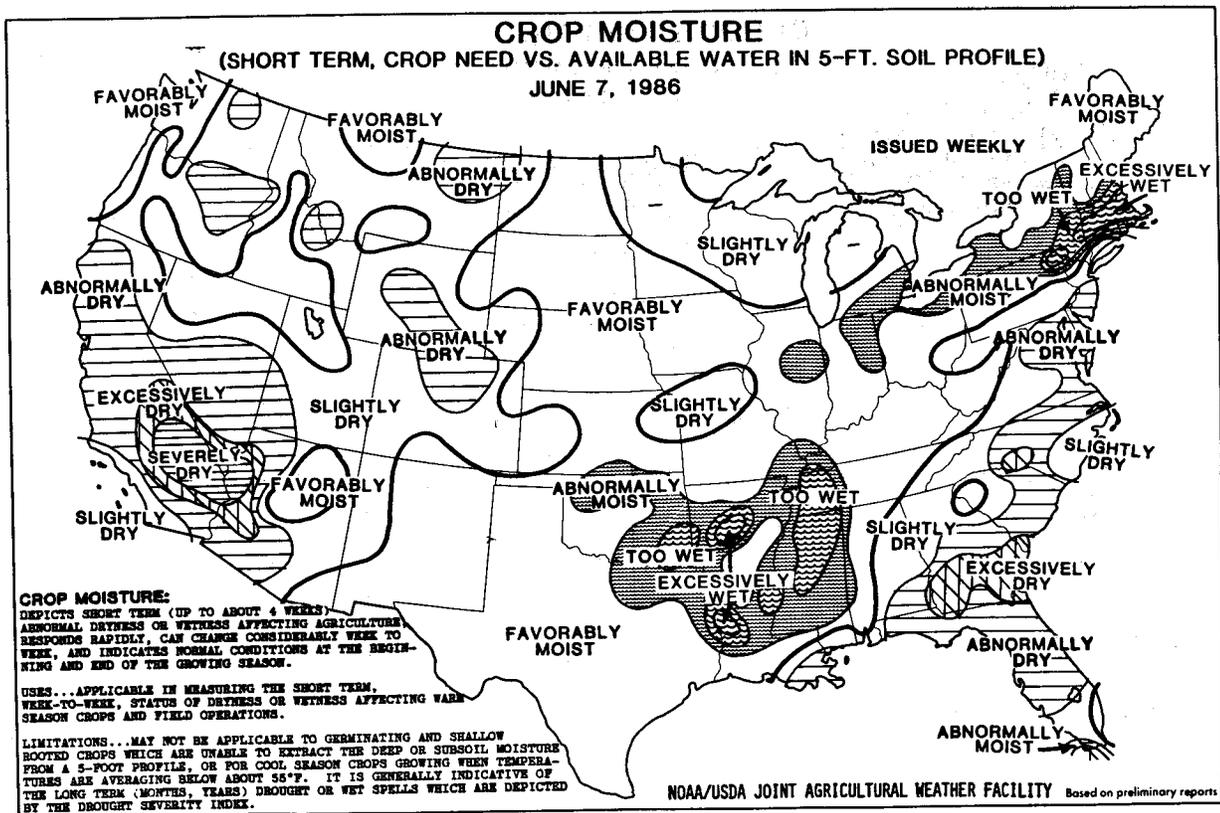


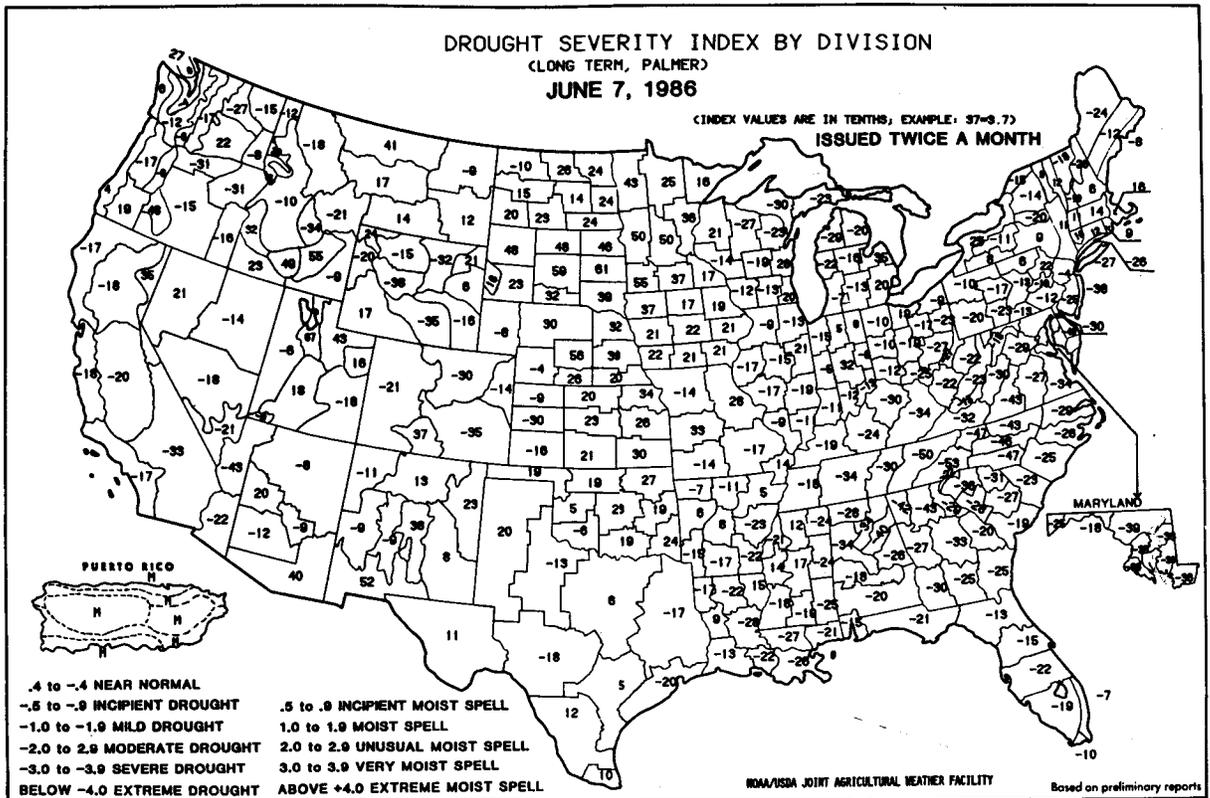
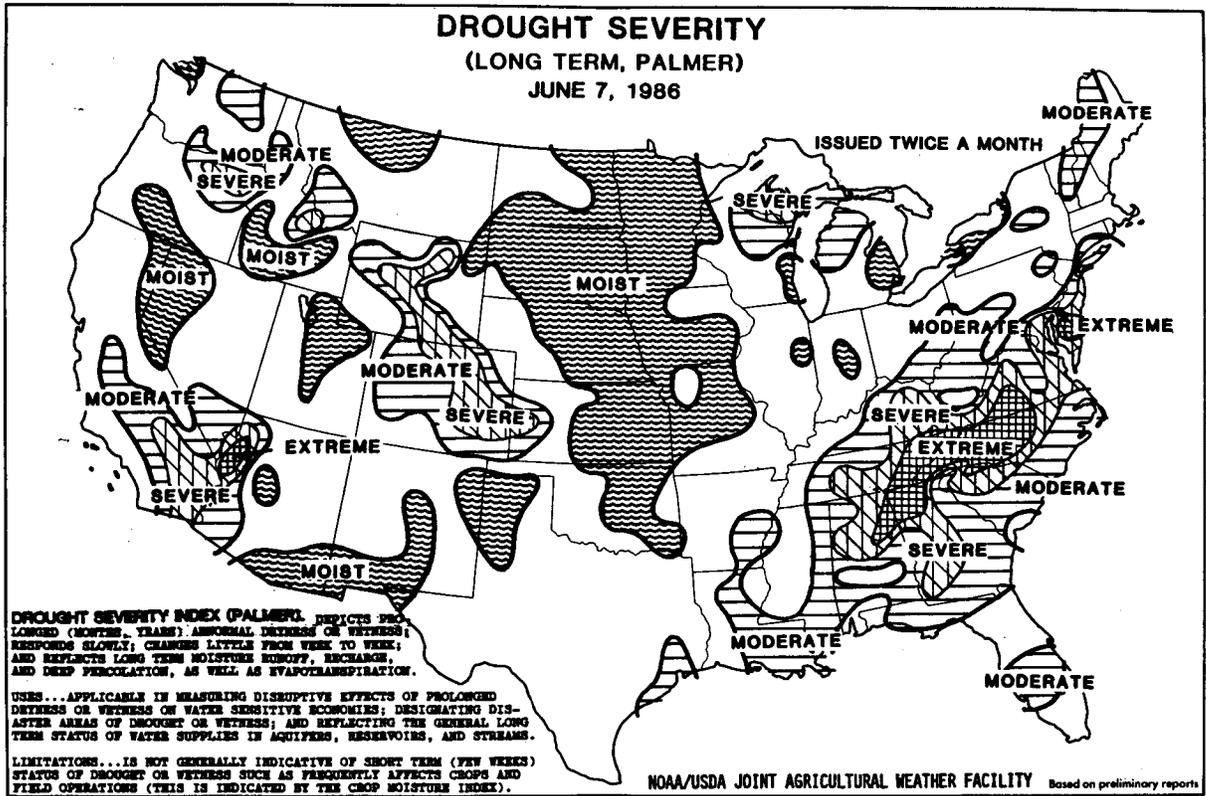
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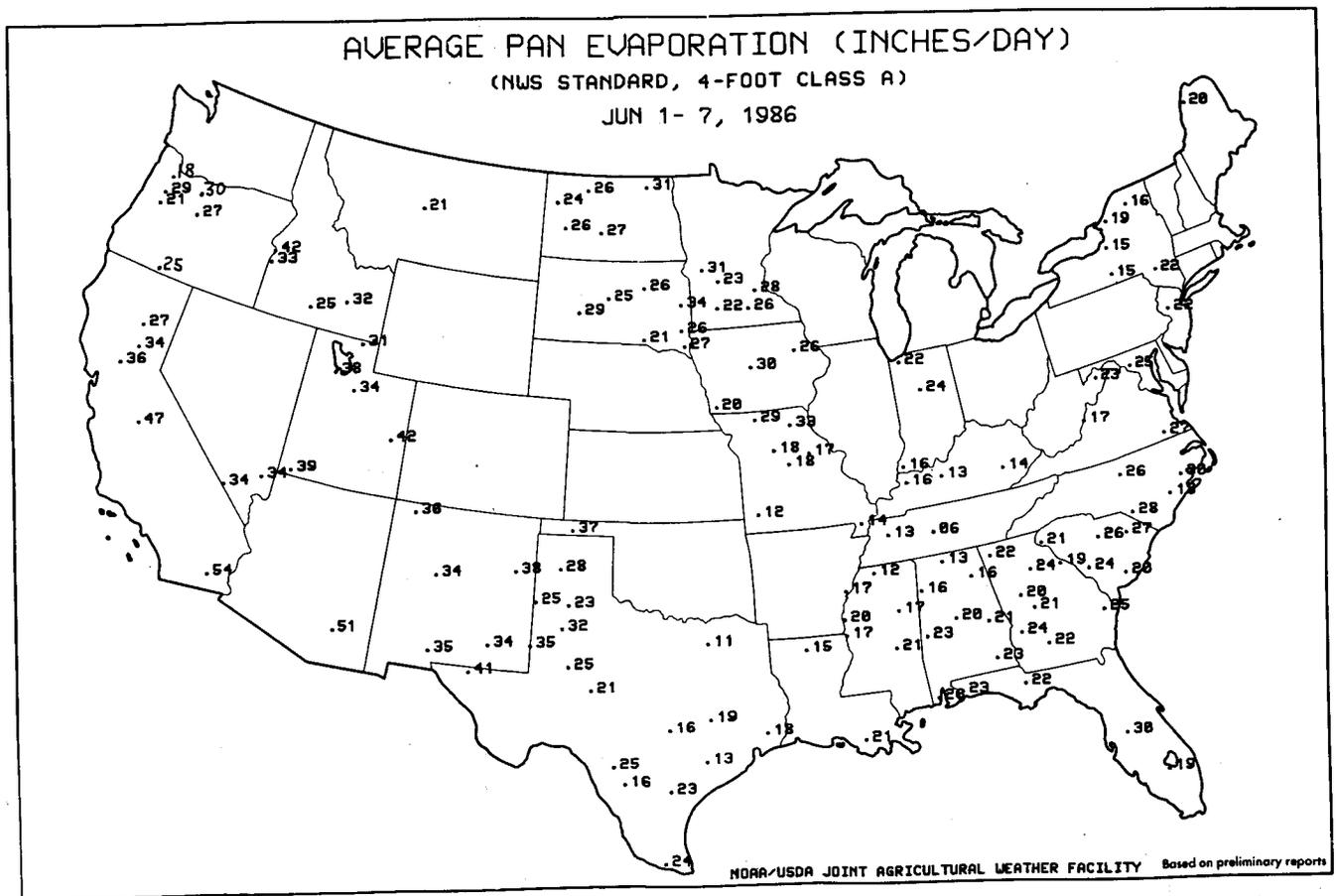
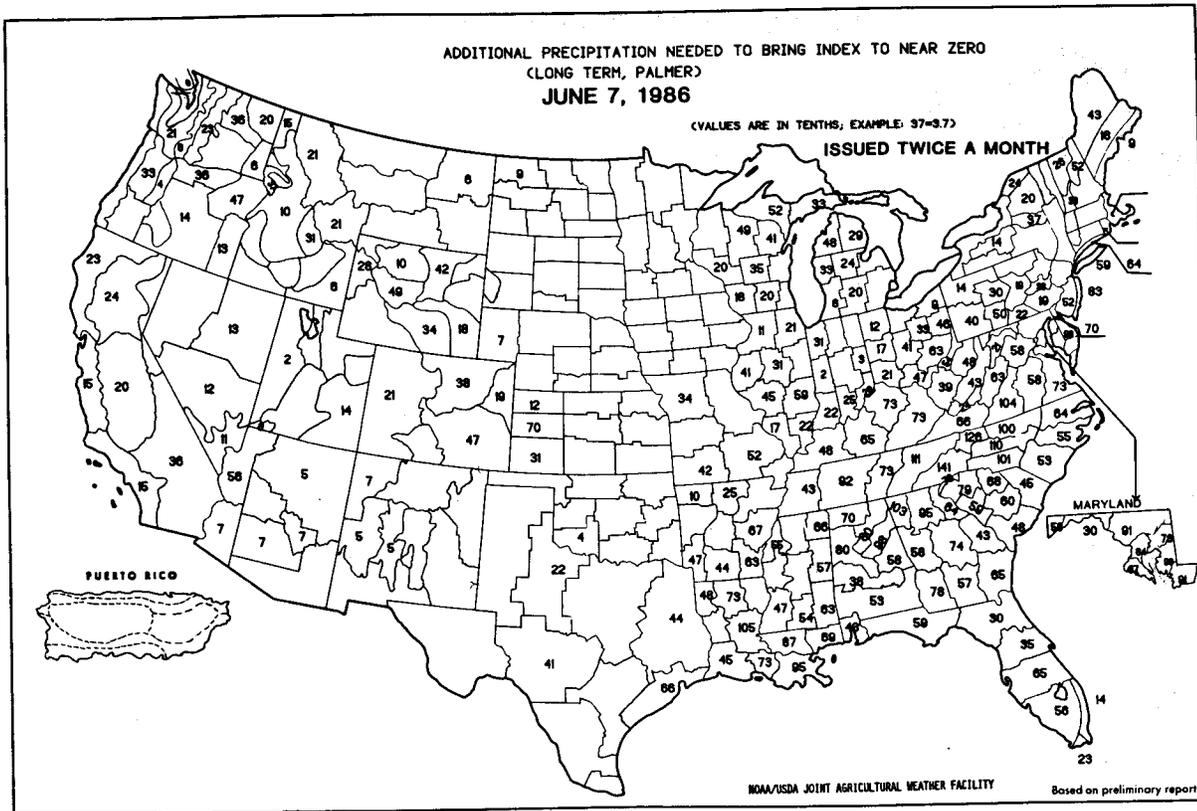


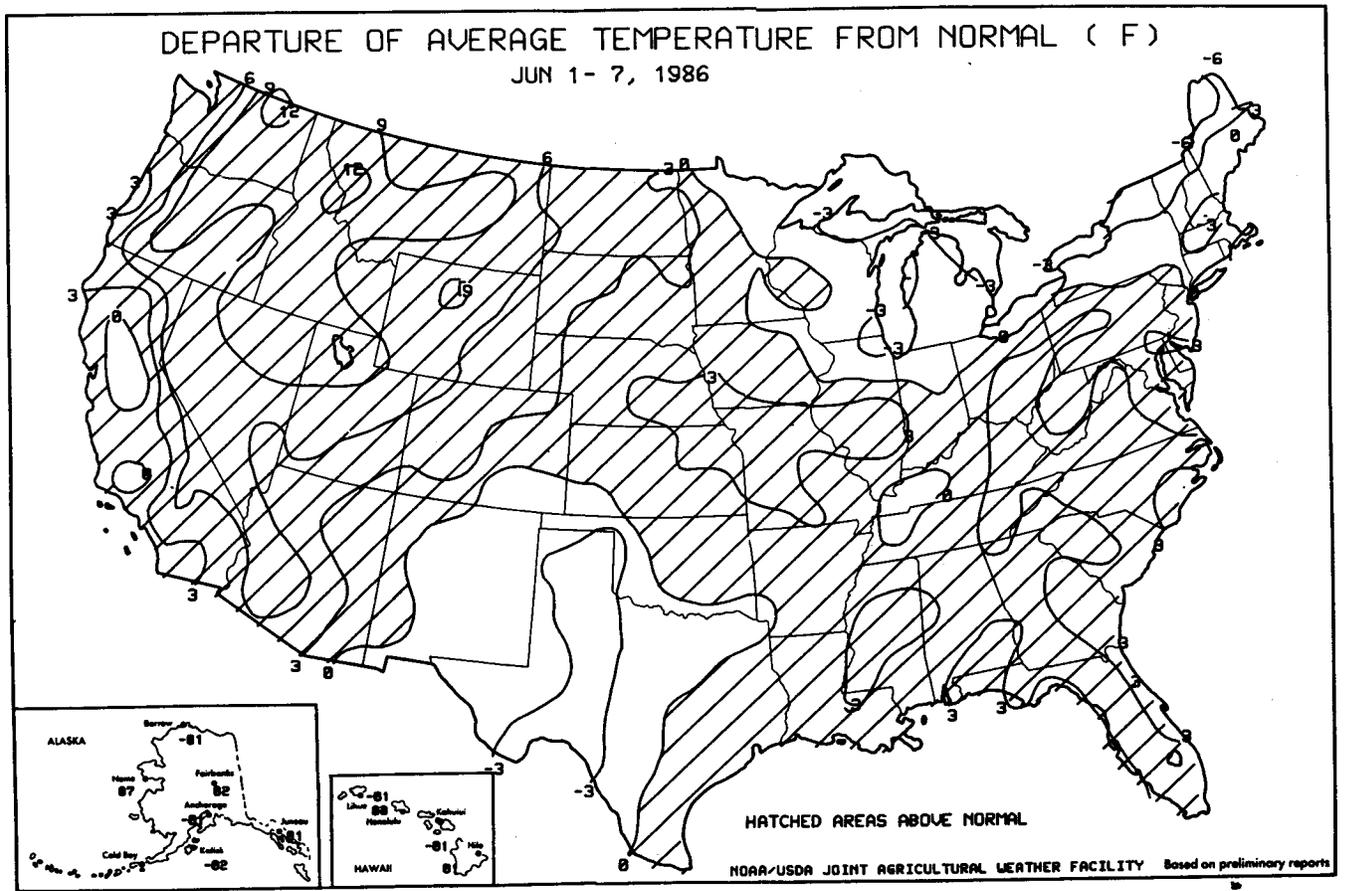
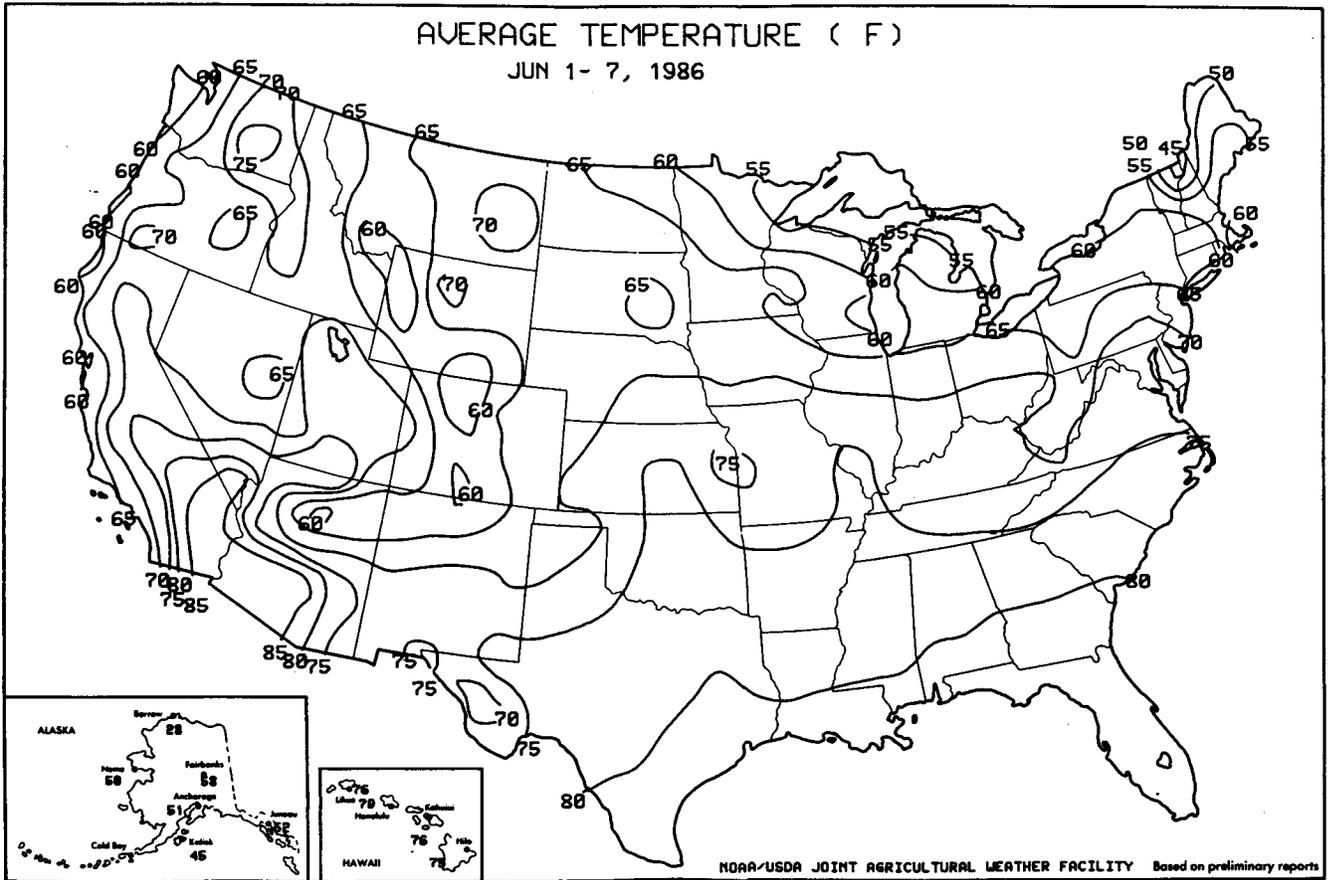
Tropical Storm Andrew, the first of the season in the Atlantic, skirts the coast of North Carolina. Andrew developed from a low-pressure system which drenched eastern Cuba and Hispaniola with heavy rain.

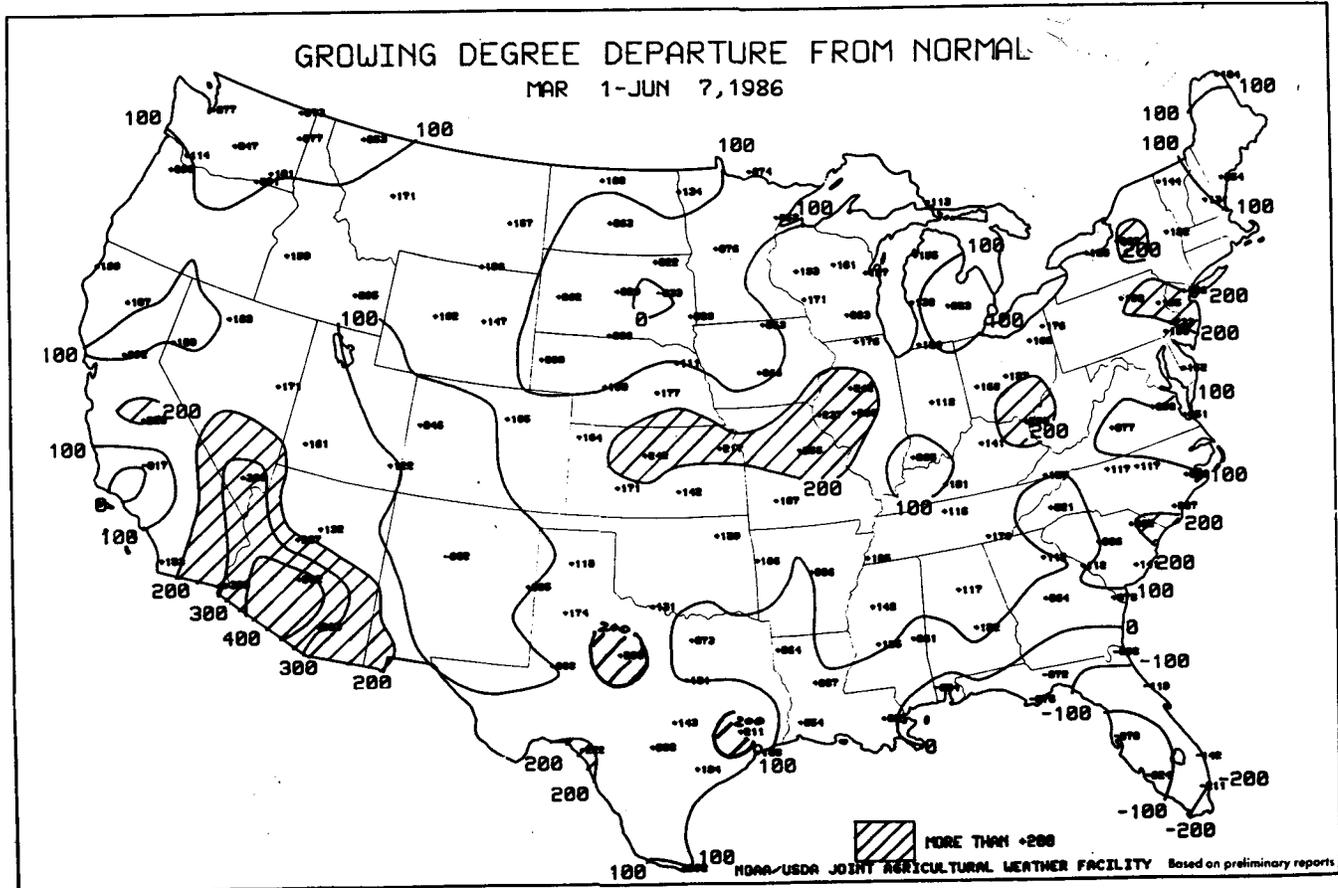
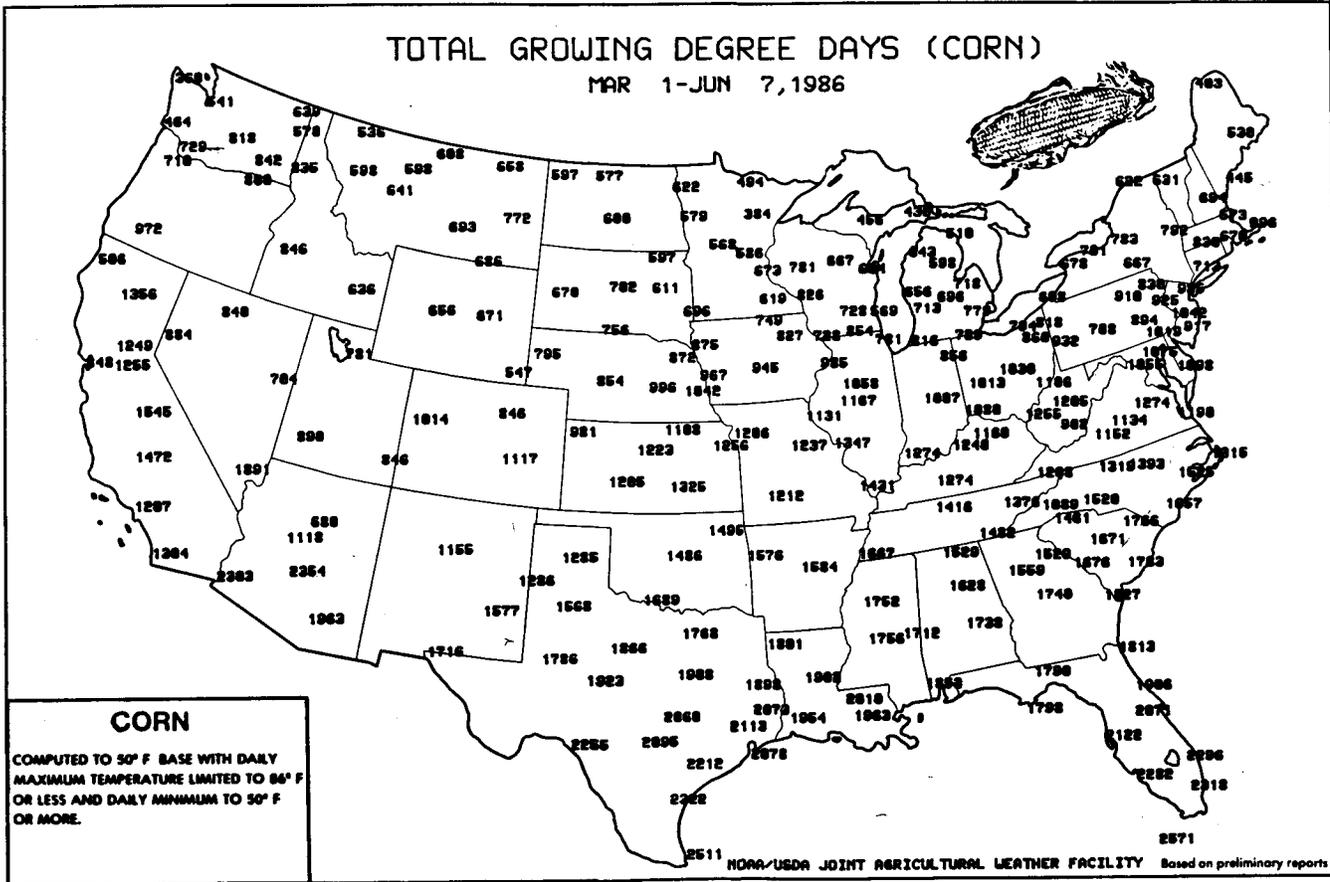
Widespread thundershowers are occurring from eastern Texas to New England and in the central Plateau and northern Rockies.











National Weather Data for Selected Cities

Weather Data for the Week Ending June 7, 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 JUNE 1	PCT. NORMAL SINCE JUNE 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE °F			
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	87	67	90	64	77	2	.5	-.3	.3	.5	58	9.9	37	96	52	1	0	2	0
MOBILE	90	72	92	70	81	2	.5	-.7	.4	.5	41	18.2	65	96	49	5	0	2	0
MONTGOMERY	89	69	93	66	79	2	.5	-.8	.1	.3	3	21.7	91	97	52	4	0	1	0
AK ANCHORAGE	57	45	63	37	51	-1	.1	-.1	.1	.1	61	3.5	92	78	46	0	0	2	0
BARROW	32	24	36	20	28	-1	.1	-.1	.1	.1	0	.5	50	97	82	0	7	0	0
FAIRBANKS	71	46	80	39	58	2	.5	-.3	.4	.5	208	1.8	75	79	27	0	0	3	0
JUNEAU	60	44	70	41	52	2	.6	-.1	.3	.6	81	22.8	128	95	58	0	0	4	0
KODIAK	49	42	53	39	45	-2	.2	1.7	1.0	2.8	250	28.7	89	96	70	0	0	7	2
NOME	58	43	65	37	50	8	.1	-.1	.1	.1	57	1.8	55	82	47	0	7	2	0
AZ PHOENIX	103	77	105	75	90	7	.8	-.1	.1	.1	0	2.9	116	116	40	0	0	0	0
PRESGOTT	84	53	85	49	68	5	.8	-.8	.7	.8	0	4.3	72	70	24	0	7	2	1
TUCSON	99	69	101	65	84	4	.1	-.1	.1	.1	0	3.9	150	63	63	0	0	1	0
YUMA	102	75	103	70	89	5	.0	0	0	0	0	.5	50	56	19	7	1	0	2
AR FORT SMITH	85	68	92	66	77	2	1.7	-.7	.8	1.7	178	19.4	107	100	63	0	4	5	3
LITTLE ROCK	82	69	89	67	76	0	3.3	2.5	1.3	3.7	384	20.4	88	94	73	0	0	0	0
CA BAKERSFIELD	87	60	93	55	74	-2	0	0	0	0	0	4.3	110	73	30	2	0	1	0
EUREKA	65	54	67	51	59	5	0	-.2	0	0	0	27.2	124	91	70	0	0	0	0
FRESNO	90	61	97	57	75	3	0	0	0	0	0	9.7	139	70	24	3	0	0	0
LOS ANGELES	71	60	72	57	66	1	0	0	0	0	0	12.9	154	92	68	0	0	0	0
RED BLUFF	85	60	90	56	72	0	0	0	0	0	0	21.9	174	83	35	1	0	0	0
SACRAMENTO	80	54	85	52	67	-2	0	0	0	0	0	16.3	154	93	39	0	0	0	0
SAN DIEGO	70	62	72	61	66	1	0	0	0	0	0	7.6	123	84	66	0	0	0	0
SAN FRANCISCO	66	55	68	54	61	1	0	0	0	0	0	18.6	150	91	60	0	0	0	0
CO DENVER	79	55	87	50	67	3	-2	-.3	-.1	.2	42	5.4	76	83	35	0	3	3	0
GRAND JUNCTION	88	60	92	54	74	5	0	-.1	.1	.2	7	2.5	71	51	19	2	1	1	0
PUEBLO	80	55	93	49	67	-1	1.1	-.4	-.3	.7	236	2.7	68	93	41	1	4	2	1
CT BRIDGEPORT	72	56	87	44	64	-1	1.7	-.4	-.9	1.1	156	11.4	64	91	64	0	0	0	0
HARTFORD	73	52	91	37	63	-3	5.4	4.7	3.3	5.4	706	20.4	107	93	56	1	2	5	2
DC WASHINGTON	86	63	92	50	75	2	0	0	0	0	0	9.4	59	84	43	2	0	0	0
FL APALACHICOLA	88	72	92	69	80	2	0	0	0	0	0	16.1	88	94	64	2	0	0	0
DAYTONA BEACH	89	72	95	69	81	3	.8	-.6	-.5	.8	56	12.4	92	98	53	4	1	5	0
JACKSONVILLE	91	71	97	68	81	3	.7	-.5	-.7	.7	56	18.2	92	98	69	0	0	2	0
KEY WEST	87	79	90	76	83	1	.7	-.4	-.7	.7	64	6.9	92	98	53	4	1	2	0
MIAMI	89	76	90	74	82	2	2.6	-.5	2.5	2.6	121	28.9	163	93	61	2	4	4	1
ORLANDO	92	73	96	72	82	2	2.0	-.5	2.0	2.0	132	15.0	96	97	48	4	1	4	1
TALLAHASSEE	92	69	95	66	81	3	.7	-.7	.9	.7	49	17.2	66	98	48	5	0	0	0
TAMPA	93	73	95	69	83	3	.1	-1.0	-.1	.1	6	11.5	77	94	48	7	2	1	0
WEST PALM BEACH	89	75	94	73	82	3	.5	-1.3	.3	.5	26	15.7	82	93	58	0	3	3	0
GA ATLANTA	85	67	91	64	76	2	0	0	0	0	0	11.0	45	90	52	3	0	0	0
AUGUSTA	89	68	96	65	79	3	.4	-.5	.4	.4	45	11.4	55	98	48	4	0	0	0
MACON	89	70	95	66	80	3	0	0	0	0	4	11.2	51	96	49	4	0	1	0
SAVANNAH	91	71	98	69	81	4	.2	-1.0	.2	.2	14	12.8	67	97	52	4	0	1	0
HI HILO	83	68	85	66	75	1	1.3	-.2	.7	1.3	89	75.2	125	92	59	0	7	0	1
HONOLULU	87	72	88	68	79	0	0	0	0	0	0	2.8	22	77	43	0	0	0	0
KAHULUI	83	68	86	65	76	-1	0	0	0	0	29	10.0	81	81	56	0	1	0	0
LIHUE	81	72	82	71	77	-1	.1	-.4	0	.1	13	7.5	35	84	63	0	2	0	0
ID BOISE	87	59	97	49	73	10	.4	-.1	.2	.4	125	9.7	152	80	27	3	0	3	0
LEWISTON	84	62	97	52	73	10	0	0	0	0	0	5.4	87	68	31	3	0	0	0
POCATELLO	84	52	90	48	68	9	.2	-.1	.1	.2	79	9.3	166	89	28	1	0	3	0
IL CHICAGO	73	49	86	40	61	-5	.8	-.1	.7	.8	93	10.2	77	92	60	0	4	4	1
MOLINE	78	56	89	46	67	-1	1.0	-.1	.9	1.0	105	14.0	94	95	55	0	3	1	2
PEORIA	81	59	89	49	70	2	2.7	1.8	1.6	2.7	304	9.9	69	93	57	0	4	3	1
QUINCY	84	63	87	51	73	4	1.3	-.4	1.0	1.3	136	11.4	75	93	53	0	3	1	0
ROCKFORD	76	52	87	42	64	-1	.1	-.9	.1	.1	7	11.0	78	89	54	0	4	2	0
SPRINGFIELD	83	62	90	49	73	3	2.7	1.9	1.7	2.7	328	10.1	69	91	49	1	0	4	2
IN EVANSVILLE	82	66	89	55	74	2	.8	0	.3	.8	97	15.6	78	97	64	0	4	4	2
FORT WAYNE	77	54	88	42	66	-1	2.0	1.2	1.0	2.0	242	14.7	99	95	57	0	4	4	0
INDIANAPOLIS	80	62	87	50	71	2	1.5	.6	1.5	1.5	168	20.6	122	91	58	0	4	1	1
SOUTH BEND	77	54	86	42	66	0	1.2	.4	.6	1.2	146	12.4	82	92	55	0	3	1	1
IA DES MOINES	79	60	88	53	69	1	1.4	-.4	1.4	1.4	137	16.2	130	87	56	0	1	1	1
SIoux CITY	80	59	86	53	70	2	.9	-.1	.6	.9	95	13.7	138	89	52	0	3	2	0
WATERLOO	77	56	85	48	67	1	2.8	1.8	2.8	2.8	287	16.2	127	90	54	0	2	1	1
KS CONCORDIA	83	62	86	59	72	2	1.6	.5	1.3	1.6	150	11.8	111	99	57	0	5	5	2
DODGE CITY	81	61	89	57	71	0	2.9	2.2	1.4	2.9	401	7.0	84	98	55	0	4	2	0
GOODLAND	79	56	90	48	67	1	.9	-.2	.5	.9	133	6.8	103	98	50	1	0	2	0
TOPEKA	85	64	91	60	75	4	.4	-.8	.3	.4	30	13.9	77	97	54	1	0	3	0
WICHITA	84	66	90	64	75	2	.9	-.1	.7	.9	93	8.2	113	95	57	1	0	4	1
KY BOWLING GREEN	79	64	86	59	72	0	1.4	-.4	.9	1.4	133	15.7	67	100	70	0	4	3	1
LEXINGTON	79	62	84	50	71	1	.7	-.3	.5	.7	68	10.9	52	94	64	0	0	4	0
LOUISVILLE	79	64	84	53	72	1	1.8	1.0	1.1	1.8	213	14.6	72	94	64	0	0	5	2
LA ALEXANDRIA	86	71	89	70	79	-1	2.4	1.4	1.1	2.4	237	13.8	49	90	67	0	4	3	1
BATON ROUGE	90	73	92	71	81	3	1.5	-.9	1.3	1.5	233	20.6	82	95	57	0	0	3	1
LAKE CHARLES	88	74	90	72	81	3	.9	-.1	.6	.9	86	15.2	71	98	65	0	0	4	3
NEW ORLEANS	90	72	91	70	81	3	1.3	-.3	1.1	1.3	126	12.7	50	98	59	1	0	4	1

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS.

Weather Data for the Week Ending June 7, 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 JUNE 1	PCT. NORMAL SINCE JUNE 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	87	70	89	68	79	1	1.2	.3	.6	1.2	138	15.9	74	99	63	0	0	5	1
ME CARIBOU	64	42	76	38	53	-4	1.4	-3	.4	1.7	51	13.0	99	79	34	0	0	1	0
PORTLAND	65	49	73	40	57	-2	1.7	1.0	.9	2.4	21.1	110	95	56	0	0	5	1	
MD BALTIMORE	85	60	93	47	72	3	.3	-5	.3	.3	36	10.2	59	90	42	3	0	0	0
SALISBURY	84	58	92	44	71	2	T	-8	2.9	T	0	11.0	61	96	50	0	0	0	0
MA BOSTON	71	52	89	45	62	2	5.8	5.1	2.9	5.8	792	18.3	92	92	58	0	0	5	3
CHATHAM	63	52	67	47	58	-1	1.0	.3	.8	1.0	141	13.3	64	45	0	0	0	0	0
MI ALPENA	67	41	84	34	54	-4	.2	-5	.1	.2	30	8.8	80	98	45	0	0	0	0
DETROIT	75	51	89	40	63	-2	3.9	3.2	2.2	3.9	521	15.1	118	90	52	0	0	0	0
FLINT	74	49	84	37	62	-1	.7	-1	.4	.7	88	9.3	79	91	51	0	0	2	1
GRAND RAPIDS	73	50	83	38	62	-1	1.5	.6	.9	1.5	169	14.6	109	94	51	0	0	0	0
HOUGHTON LAKE	70	47	80	36	59	-3	.3	-4	.3	.3	43	10.2	97	78	48	0	0	4	1
LANSING	73	49	83	34	61	-3	2.6	1.9	1.4	2.6	342	11.6	99	95	56	0	0	3	2
MARQUETTE	66	37	78	28	52	-5	.6	-4	.6	.6	62	11.9	78	89	42	0	3	3	0
MUSKEGON	73	51	79	40	62	-1	T	-6	T	T	0	9.4	73	83	49	0	0	0	0
SAULT STE. MARIE	66	39	69	30	52	-3	1.2	-4	.6	1.2	154	10.9	91	97	48	0	1	0	2
MN ALEXANDRIA	77	52	88	47	65	3	.4	-5	.3	.4	46	13.0	148	85	37	0	0	3	2
DULUTH	66	42	80	31	54	3	1.3	-4	.7	1.3	143	10.3	102	93	44	0	1	0	2
INT'L FALLS	70	44	78	36	57	-1	.4	-4	.2	.4	46	6.0	80	88	37	0	0	3	0
MINNEAPOLIS	76	55	86	45	65	0	.2	-9	.7	.2	0	13.2	138	78	42	0	0	0	0
ROCHESTER	72	52	78	41	62	0	.3	-7	.3	.3	29	10.8	108	91	56	0	0	1	3
MS GREENWOOD	88	71	91	69	80	3	.5	-4	.4	.5	56	14.6	54	97	53	4	0	0	1
JACKSON	89	71	91	67	80	3	1.5	-7	1.1	1.5	200	18.8	70	97	53	0	0	3	3
MERIDIAN	88	69	91	65	79	2	1.0	.2	.9	1.0	126	18.9	71	99	58	1	0	4	3
MO CAPE GIRARDEAU	83	68	88	63	75	1	1.9	1.0	.8	1.9	214	23.1	109	95	66	0	0	0	0
COLUMBIA	84	64	86	57	73	3	.6	-4	.6	.6	62	13.9	87	97	63	0	0	3	3
KANSAS CITY	84	65	88	60	74	4	.7	-3	.6	.7	69	9.9	74	95	56	0	0	0	1
SAINT LOUIS	83	67	87	56	75	3	1.8	1.0	1.1	1.8	213	11.4	75	90	57	0	0	4	7
SPRINGFIELD	82	65	88	61	74	3	1.8	.8	.6	1.8	170	12.9	78	99	66	0	0	0	1
MT BILLINGS	81	57	93	52	69	9	1.2	.6	.5	1.2	214	9.0	118	83	38	1	1	4	0
GLASGOW	80	57	93	50	69	8	.2	-4	.1	.2	29	4.2	95	75	35	0	0	2	2
GREAT FALLS	79	53	91	49	66	8	.6	-1	.4	.6	83	6.6	89	86	39	0	0	0	0
HAVRE	78	56	89	50	67	7	.2	-3	.1	.2	31	6.3	134	84	41	1	0	2	2
HELENA	79	53	91	45	66	9	.7	.2	.5	.7	141	4.6	92	87	34	2	1	0	1
KALISPELL	79	54	90	51	67	11	.4	-2	.2	.4	70	8.1	117	91	36	0	0	0	0
MILES CITY	82	58	96	53	70	7	.6	-1	.3	.6	89	6.4	105	83	38	2	2	0	0
MISSOULA	82	55	94	51	68	12	1.4	1.0	.4	1.4	309	7.2	118	95	37	0	0	3	5
NE GRAND ISLAND	83	61	87	57	72	4	1.6	.7	1.4	1.6	175	9.6	95	93	47	0	0	2	1
LINCOLN	84	61	91	57	72	3	.4	-4	.4	.4	48	12.2	109	90	49	2	0	0	0
NORFOLK	80	58	86	51	69	2	.2	-2	.2	.2	21	11.8	120	91	53	0	0	0	1
NORTH PLATTE	80	53	87	48	67	2	.9	0	.8	.9	100	9.3	113	97	51	0	0	2	1
OMAHA	80	62	88	55	71	3	.4	-6	.3	.4	40	15.3	131	87	57	0	0	2	0
SCOTTSDUFF	82	53	88	47	68	4	.7	0	.5	.7	94	7.5	114	96	37	0	0	3	3
VALENTINE	78	53	90	46	66	1	T	-7	T	T	0	8.1	116	88	47	1	0	0	0
NV ELY	84	43	87	37	64	8	T	-2	T	T	5	4.3	96	62	16	0	0	0	0
LAS VEGAS	100	74	105	69	87	7	.3	.3	.3	.3	1.4	7.8	37	70	10	7	2	0	0
RENO	84	48	90	41	66	7	T	-1	T	T	27	7.2	171	77	20	3	0	2	2
WINNEMUCCA	86	52	92	44	69	9	.1	-1	.1	.1	50	3.5	85	70	17	0	0	0	1
NH CONCORD	70	46	81	33	58	-4	1.4	.8	.8	1.4	217	15.5	105	99	54	0	0	5	1
NJ ATLANTIC CITY	81	57	94	41	69	3	.1	-5	.1	.1	19	14.4	81	92	47	1	0	0	0
NM ALBUQUERQUE	83	56	90	50	69	-2	T	0	T	T	43	2.9	126	71	23	1	1	0	0
CLOVIS	80	58	92	55	69	-2	.1	-5	.1	.1	14	4.3	84	80	43	0	0	2	2
ROSWELL	87	60	100	53	74	-3	.3	0	.2	.3	119	3.0	143	85	31	2	0	0	0
NY ALBANY	72	51	89	36	62	-2	2.0	1.2	.9	2.0	258	16.5	112	96	59	0	0	5	1
BINGHAMTON	70	51	84	35	60	-1	1.7	.8	.5	1.7	198	17.0	114	93	59	0	0	5	5
BUFFALO	70	50	80	38	60	-3	2.4	1.7	1.1	2.4	363	17.1	114	92	51	0	0	4	2
NEW YORK	77	59	91	50	68	0	.6	-2	.5	.6	75	14.8	81	84	52	1	0	2	2
ROCHESTER	71	48	86	36	60	-4	1.8	1.1	1.0	1.8	281	13.2	102	94	54	0	0	3	3
SYRACUSE	74	51	88	36	63	-1	1.3	.5	.9	1.3	156	14.8	94	97	54	0	0	4	1
NC ASHEVILLE	80	59	85	56	70	2	1.0	0	.7	1.0	99	10.8	51	98	55	0	0	3	0
CHARLOTTE	87	67	94	64	77	4	T	-8	T	T	0	7.8	39	84	41	3	0	0	0
GREENSBORO	85	63	92	60	74	3	.1	-7	.1	.1	15	6.1	34	87	44	0	0	1	0
HATTERAS	81	70	85	65	75	4	.8	-2	.5	.8	84	14.3	68	92	66	0	0	3	1
NEW BERN	86	67	92	62	76	3	.4	-7	.2	.4	38	14.0	70	96	55	2	0	3	0
RALEIGH	86	63	92	59	75	3	.4	-5	.4	.4	45	11.0	61	90	46	1	0	1	0
WILMINGTON	85	69	90	63	77	3	.1	-1.0	.1	.1	11	16.4	84	94	58	2	0	2	1
ND BISMARCK	77	53	86	46	65	4	.3	-4	.3	.3	43	7.8	128	84	44	0	0	0	1
FARGO	78	54	92	40	66	4	.7	-1	.6	.7	111	8.2	124	80	39	1	0	2	0
GRAND FORKS	79	53	84	44	66	5	.5	-1	.3	.5	80	5.6	95	82	34	0	0	2	0
WILLISTON	78	54	93	49	66	5	.2	-5	.2	.2	26	7.8	144	81	39	1	0	1	0
OH AKRON-CANTON	78	56	84	40	67	2	.7	-7	.7	.7	86	11.2	71	95	51	0	0	5	0
CINCINNATI	79	61	85	49	70	2	.6	-3	.6	.6	65	12.6	70	93	59	0	0	3	0
CLEVELAND	77	54	86	43	65	0	.9	-1	.5	.9	113	16.8	111	94	52	0	0	6	0
COLUMBUS	80	59	86	46	70	2	1.2	.3	.7	1.2	132	12.1	75	93	52	0	0	4	1

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS.

Weather Data for the Week Ending June 7, 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 JUNE 1	PCT. NORMAL SINCE JUNE 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE OF		PRECIPITATION	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	79	60	86	44	70	1	1.7	.8	1.5	1.7	192	16.1	102	91	53	0	0	2	1
TOLEDO	75	49	89	37	62	-3	2.4	1.6	1.2	2.4	313	13.4	102	96	54	0	0	4	1
YOUNGSTOWN	77	52	85	34	64	1	3.4	2.6	2.5	3.4	435	13.5	86	98	50	0	0	5	1
OK OKLAHOMA CITY	84	66	91	65	75	1	1.4	.4	.6	1.4	132	16.5	120	96	57	1	0	5	1
TULSA	83	69	87	68	76	1	2.3	1.2	1.0	2.3	206	17.9	107	100	66	0	0	6	2
OR ASTORIA	65	52	76	45	58	3	.1	-.5	-.1	.1	14	33.0	96	94	63	0	0	3	0
BURNS	81	51	90	44	66	9	.3	-.1	-.3	.3	124	7.1	254	—	—	1	0	1	0
MEDFORD	83	59	100	54	71	9	T	-.2	T	0	0	9.7	98	75	31	2	2	0	0
PENDLETON	84	61	97	50	72	9	T	-.2	T	0	0	7.0	113	61	26	2	2	0	0
PORTLAND	74	57	88	54	66	5	T	-.4	T	0	0	16.7	90	86	49	0	0	0	0
SALEM	75	54	88	52	65	6	T	-.2	T	.2	.2	21.0	102	89	49	0	0	1	0
PA ALLENTOWN	79	57	90	44	68	2	1.0	-.2	-.8	1.0	129	17.8	96	85	45	1	0	2	1
ERIE	71	52	84	41	61	0	3.0	2.1	1.8	3.0	354	18.2	121	90	55	0	0	4	2
HARRISBURG	79	58	87	44	69	0	.4	-.5	-.3	.4	46	16.7	99	88	48	4	3	1	0
PHILADELPHIA	84	61	94	48	73	4	.1	-.8	-.1	.1	9	14.0	80	90	41	3	0	0	0
PITTSBURGH	78	57	86	41	68	2	2.9	2.2	1.9	2.9	381	13.8	84	83	46	0	0	3	2
SCRANTON	77	55	87	35	66	1	2.8	2.0	2.3	2.8	357	17.4	125	93	51	0	0	3	1
RI PROVIDENCE	72	52	85	44	62	-2	1.6	.9	1.0	1.6	223	17.8	88	95	60	0	0	3	1
SC CHARLESTON	88	71	96	68	80	4	1.0	-.4	-.9	1.0	70	11.5	59	100	59	3	0	4	1
COLUMBIA	91	66	98	62	79	3	T	-1.0	T	0	0	7.2	33	89	39	5	5	0	0
FLORENCE	89	68	96	65	78	3	.3	-.6	-.3	.3	33	8.2	45	96	47	4	0	1	0
GREENVILLE	85	65	92	63	75	2	.5	-.6	-.5	.5	45	13.1	54	97	53	1	1	1	0
SD ABERDEEN	76	54	88	47	65	2	1.7	-.9	1.0	1.7	223	13.9	188	93	50	0	0	3	2
HURON	76	54	83	48	65	1	.9	.1	.6	.9	114	11.6	147	97	52	0	0	2	1
RAPID CITY	78	54	89	48	66	4	.2	-.6	-.1	.2	21	8.7	118	92	45	0	0	2	0
ST LOUIS	76	56	84	49	66	1	.7	-.2	-.5	.7	77	10.5	111	88	52	0	0	2	1
TN CHATTANOOGA	85	67	89	65	76	4	T	-.8	T	1	10.5	4.1	98	57	50	0	0	1	0
KNOXVILLE	86	65	90	62	75	3	.4	-.5	-.3	.4	40	11.6	51	98	55	1	0	3	0
MEMPHIS	85	71	88	69	78	2	2.6	1.7	1.7	2.6	289	15.9	61	97	68	0	0	5	1
NASHVILLE	83	66	87	62	74	1	1.6	.7	.7	1.6	171	11.5	48	97	66	0	0	6	2
TX ABILENE	85	66	88	63	75	-3	3.9	3.2	1.5	3.9	591	10.9	117	94	54	0	0	5	3
AMARILLO	81	58	90	56	69	-2	1.6	.8	.7	1.6	192	6.7	102	98	49	1	0	4	1
AUSTIN	88	72	90	71	80	1	1.3	.4	.6	1.3	152	12.1	87	97	61	3	0	5	3
BEAUMONT	89	74	91	70	81	2	1.3	.4	.8	1.3	143	18.8	93	97	64	3	0	3	1
BROWNSVILLE	90	75	91	73	83	1	2.2	1.6	2.1	2.2	356	7.3	95	97	62	4	0	5	1
CORPUS CHRISTI	88	74	91	71	81	0	1.9	1.0	1.5	1.9	223	10.6	107	99	66	2	0	4	1
DEL RIO	86	69	93	65	77	-5	1.8	1.4	.8	1.8	433	9.5	151	86	55	2	0	5	2
EL PASO	89	63	95	53	76	-2	T	0	T	T	43	1.7	100	80	22	4	0	1	0
FORT WORTH	85	69	93	66	77	-2	2.4	1.6	1.1	2.4	318	16.7	114	97	61	1	0	4	2
GALVESTON	85	76	85	73	80	1	1.3	.5	1.0	1.3	170	9.3	66	87	69	0	0	5	1
HOUSTON	89	73	90	70	81	3	1.6	.6	.8	1.6	162	13.5	71	93	62	2	0	5	1
LUBBOCK	82	62	91	58	72	-3	1.0	.3	.7	1.0	149	4.9	79	100	55	1	0	2	1
MIDLAND	87	65	95	61	76	-2	.3	-.1	-.3	.3	76	4.5	94	100	49	2	0	2	0
SAN ANGELO	85	65	91	62	75	-4	1.2	.7	.7	1.2	235	10.0	141	96	58	1	0	3	1
SAN ANTONIO	88	71	91	67	79	-1	7.4	6.6	5.5	7.4	925	17.9	150	97	68	2	0	5	3
VICTORIA	89	74	91	72	82	-1	2.6	1.5	2.3	2.6	229	12.5	91	97	63	3	0	4	1
WACO	86	70	92	69	78	-1	1.8	1.0	.8	1.8	223	16.4	109	99	67	2	0	6	1
WICHITA FALLS	86	66	95	64	76	-1	1.3	.5	.4	1.3	164	10.4	87	99	56	2	0	4	0
UT BLANDING	82	51	87	47	66	3	.6	.6	.6	.6	900	5.1	116	86	34	0	0	2	1
CEDAR CITY	86	54	88	49	70	7	T	-.1	T	T	8	4.1	93	53	18	0	0	1	0
SALT LAKE CITY	88	59	92	57	74	9	T	-.3	T	T	0	12.4	148	67	20	2	0	0	1
VT BURLINGTON	69	48	78	33	59	-3	1.1	.3	.9	1.1	140	14.7	120	90	51	0	0	3	0
VA NORFOLK	84	65	93	58	74	3	.3	-.5	.2	.3	34	10.9	60	92	51	2	0	2	0
RICHMOND	86	61	93	49	74	3	.2	-.6	.2	.2	19	10.9	63	93	45	3	0	1	0
ROANOKE	84	61	91	57	73	3	.3	-.5	.3	.3	40	11.3	66	88	49	1	0	1	0
WA COLVILLE	85	55	95	52	70	12	.6	.2	.5	.6	148	12.6	158	81	39	3	0	2	0
QUILLAYUTE	66	49	85	38	58	4	T	-.8	T	5	59.3	116	94	56	0	0	2	0	
SEATTLE-TACOMA	70	54	79	52	62	4	T	-.4	T	0	18.7	103	80	46	0	0	0	0	
SPOKANE	81	57	94	50	69	10	.3	-.1	.2	.3	80	9.4	113	77	32	2	0	2	1
YAKIMA	86	55	99	47	71	9	T	-.1	T	T	21	4.9	123	79	25	3	0	1	0
WV BECKLEY	77	56	83	46	66	2	.1	-.8	.1	.1	8	13.1	69	100	61	0	0	2	0
CHARLESTON	81	59	87	46	70	1	1.0	.3	.7	1.0	139	15.5	84	99	55	0	0	4	1
HUNTINGTON	82	62	88	48	72	3	1.6	.7	1.5	1.6	186	12.5	68	96	57	0	0	4	1
PARKERSBURG	82	60	88	44	71	3	.3	-1.0	0	.1	7	10.8	55	92	52	0	0	3	0
WI GREEN BAY	73	49	85	38	61	-1	.1	-.6	.1	.1	17	7.5	70	83	50	0	0	2	0
LA CROSSE	77	55	84	44	66	0	.6	-.4	.5	.6	63	8.6	75	80	49	0	0	2	1
MADISON	75	49	86	38	62	-1	T	-.9	T	T	1	9.5	82	89	50	0	0	1	0
MILWAUKEE	68	47	83	43	57	-4	.4	-.3	.3	.4	57	11.5	93	94	63	0	0	3	0
WAUSAU	75	49	78	36	62	0	.1	-.8	.1	.1	12	7.1	63	83	37	0	0	2	0
WY CASPER	82	50	90	48	66	7	.4	0	.2	.4	111	5.3	87	91	32	1	0	3	0
CHEYENNE	74	49	83	46	62	3	.4	-.1	.2	.4	73	4.8	81	93	39	0	0	2	0
LANDER	81	52	88	49	67	8	T	-.4	T	T	9	5.8	76	77	28	0	0	2	0
SHERIDAN	80	53	89	48	66	8	1.8	.3	1.2	1.8	367	7.3	97	90	40	0	0	2	2
PR SAN JUAN	89	75	90	73	82	1	.1	-1.1	.1	.1	7	26.7	151	92	58	1	0	0	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS.

MAY WEATHER SUMMARY

HIGHLIGHTS: Showers and thunderstorms occurred in nearly all parts of the Nation. Only the extreme Southwest was free of the storms. The most severe weather was from central Texas into Alabama, from Texas into Iowa, and from Arkansas through the Ohio Valley. The showers were welcomed in the very dry East Coast States but it was not enough. Some parts of the Southeast and the mid-Atlantic had only isolated light showers. Beneficial showers also fell in western Texas. Dry weather for much of the month in the northern Plains allowed that area to drain and dry so work could progress. It was dry all month from the Red River Valley through the Great Lakes. Most of the Nation was warmer than normal but it was a little cooler than normal through most of the Rockies and the adjacent High Plains.

In the first three days of the month showers and thunderstorms covered the area from eastern Texas and Oklahoma through northern Louisiana and central Arkansas. Another area of thunderstorms developed from west central Oklahoma to the lower Missouri Valley and through Minnesota. Rain fell along the Northwest coast and into northern California.

FIRST WEEK...A Pacific storm moved into the Rockies and intensified in the central Rockies at midweek. The storm pulled cold air into the west from Canada. Heavy snow fell at many higher locations and pushed onto the High Plains in Montana and the Dakotas. Cold rain and high wind covered all of the Northwest and the northern High Plains. Severe weather accompanied showers and thunderstorms throughout the Great Plains and spread over the Midwest to West Virginia. After midweek, a few showers fell in the southern Appalachians and spread to isolated parts of Georgia and South Carolina. As the week ended thunderstorms developed through the lower Mississippi Valley to the Tennessee Valley.

SECOND WEEK...The cool air mass in the West moved slowly eastward through the Great Plains to the Ohio Valley and lower Mississippi Valley. Intense thunderstorms developed along and ahead of the colder air. Tornadoes, hail, and high wind caused much damage, and heavy rain resulted in serious local flooding from eastern Texas to Nebraska, Iowa, and Wisconsin. Some showers fell in the very dry parts of the East but more rain is needed. The northern Plains remained dry for most of the week giving that area a chance to drain and dry after unusually persistent wet weather.

THIRD WEEK...Showers and thunderstorms were widespread from much of Texas and Oklahoma across the South and northeastward through New England. Showers fell in most of the previously dry areas of the East, but parts of the very dry portions of Georgia and South Carolina had only light isolated showers. Rain or showers fell from north central Nebraska through the northern Great Plains. Most of the Nation was cooler than normal, only the Southwest and parts of the northern Plains were significantly warmer than normal.

FOURTH WEEK...Showers and thunderstorms covered much of the central and southeastern parts of the Nation. The West, the northern Plains and Great Lakes, the Northeast north of North Carolina, and peninsula Florida remained relatively dry. Beneficial showers covered western Texas and much of the dry Southeast. 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 significantly cooler than normal.

MAY FIELDWORK

Rain slowed seeding in the northern Great Plains and northern Rocky Mountain States while dryness hampered seeding and germination in the Southeast. Dryness persisted in the Southeast and along much of the east coast during most of May. Much needed moisture came to the Southeast the last week of May.

At the beginning of May, corn was 35 percent seeded, 10 points ahead of normal but 9 points behind last year. Within one week, planting nearly doubled to 64 percent finished. Planting continued ahead of normal throughout the month and was 94 percent finished on June 1, 5 points above the average. Poor germination caused some replanting in the Corn Belt and in the Southeast during the month. Corn was silking across the South and reached the soft-dough stage in Texas as the month ended.

Soybeans were 56 percent seeded on June 1, compared with 74 percent in 1985 and 54 percent normally. Planting lagged behind normal in the Southeast and in a few Corn Belt States.

The 11 major sorghum producing States had planted 61 percent of their acreage by the end of May, 7 points slower than in 1985 but 8 points faster than average. Planting exceeded or equaled the average in all States except South Dakota and Texas. Wetness delayed planting in South Dakota and dryness caused delays in Texas. South Dakota's sorghum was 24 percent seeded by June 1, compared with the 42 percent average. Sorghum was turning color in Texas.

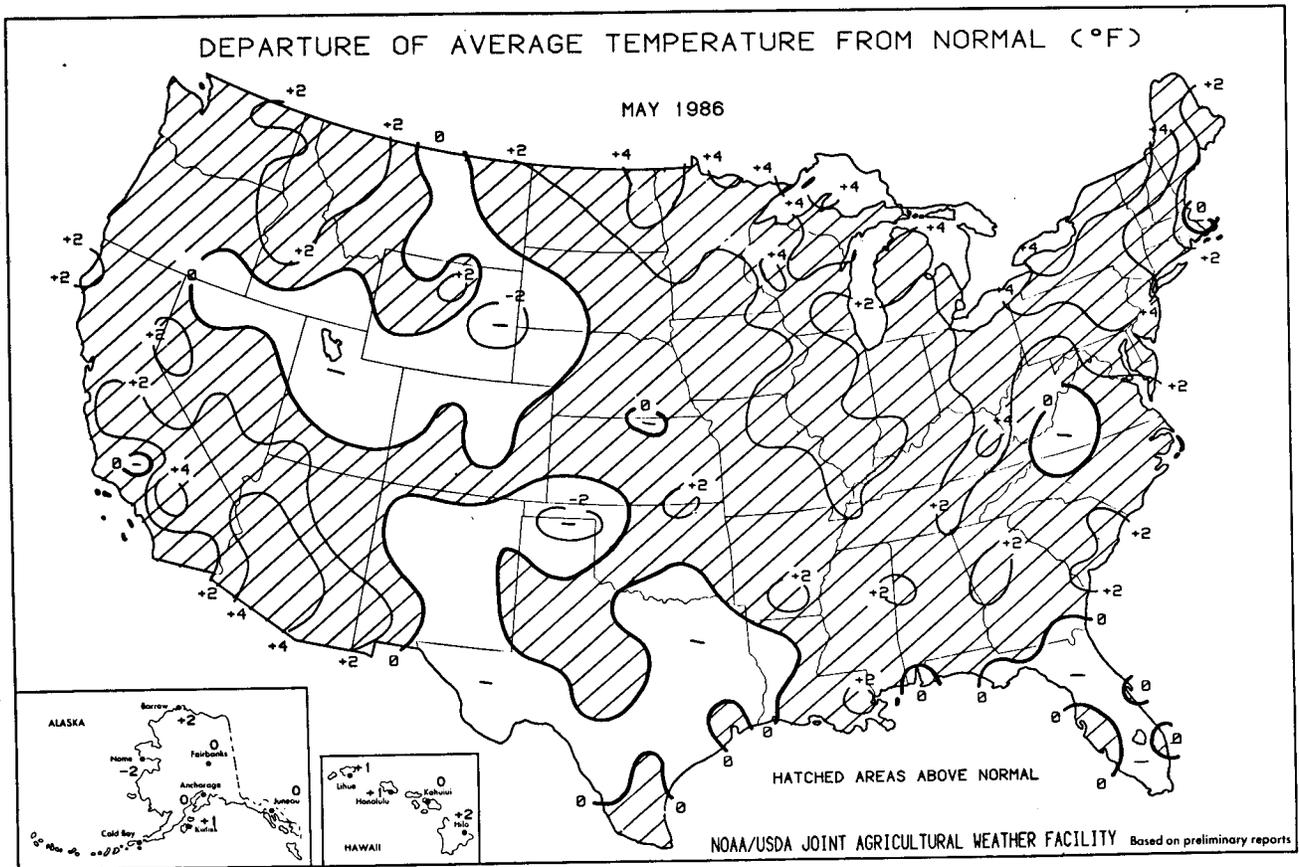
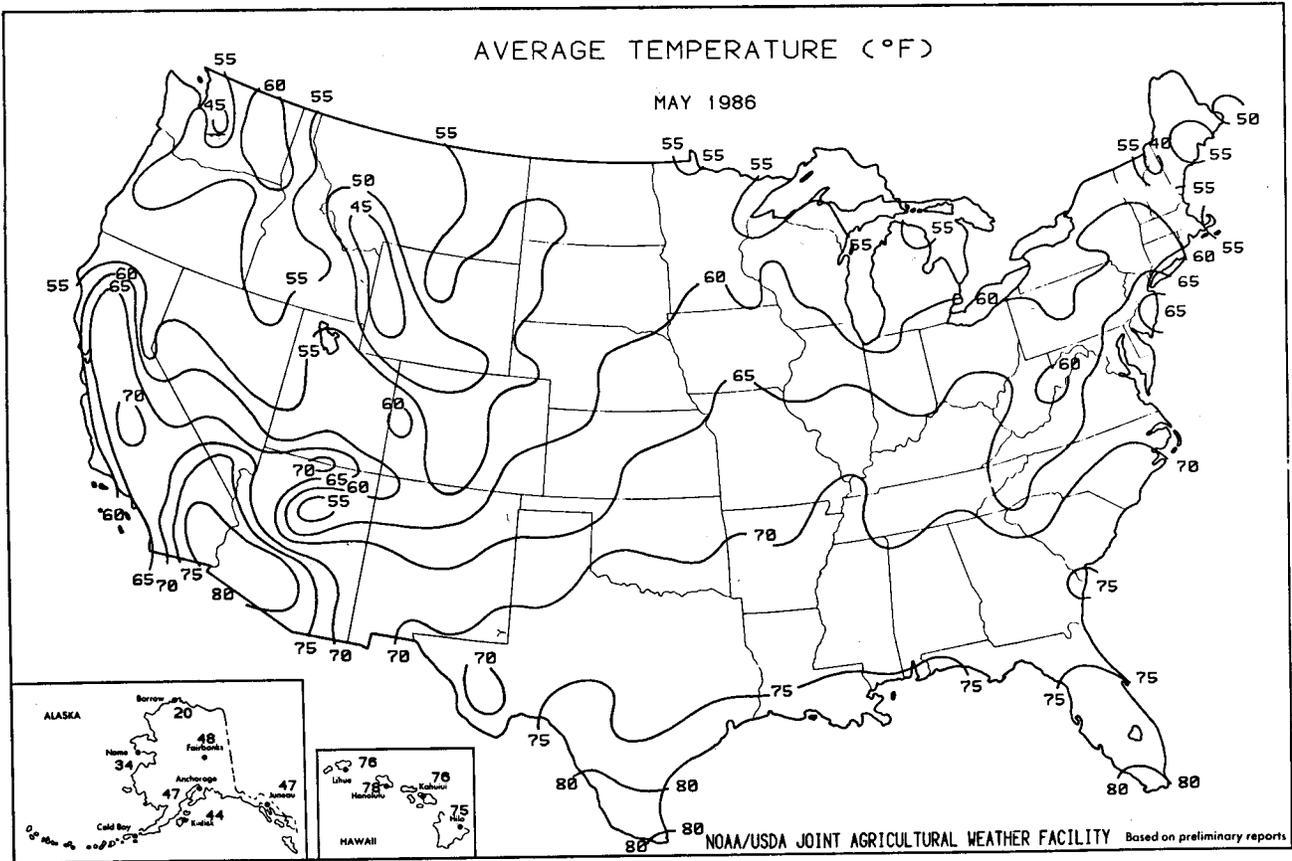
Cotton planting fell behind normal at mid-month and remained behind normal the rest of the month. By June 1, 76 percent of the acreage was planted, 6 points behind normal. Seeding was 10 points behind normal in Alabama, 12 points behind in Texas and 15 points behind in Georgia. At month's end, crop conditions varied from mostly good in the Delta and Southwest to mostly fair in the Southeast. Cotton was poor to fair in Missouri. Insects were becoming an increasing threat in Texas, Arkansas, and Arizona.

At the end of May, winter wheat was mostly good, except in the Southeast where conditions were mostly fair to good. The crop was 82 percent headed in the 20 major producing States, 8 points ahead of average but 2 points behind last year. Wheat was 10 percent harvested in Oklahoma, 30 percent in Georgia, 54 percent in Louisiana, 55 percent in Arizona, and 34 percent harvested in Texas.

Rain slowed spring wheat seeding the first half of May but seeding progressed rapidly the last two weeks of May. Spring wheat seeding began the month 24 points behind normal. As the month ended, seeding was 95 percent finished, 2 points behind normal. Plants were emerged on 79 percent of the acreage.

Rice was 97 percent seeded on June 1, 6 points above normal. Ten percent of the rice acreage in California remained to be seeded on that date. Rice was heading in Texas.

Insufficient moisture caused peanut planting to lag behind normal in the Southeast during May. By the end of May, seeding in Alabama and Georgia was 65 and 87 percent finished, respectively. Seeding was 33 points behind normal in Alabama and 9 points behind normal in Georgia. Seeding was virtually complete in North Carolina and Virginia.



Temperature and Precipitation Data for May 1986

States and Stations	Temperature °F		Precipitation Inches		States and Stations	Temperature °F		Precipitation Inches		States and Stations	Temperature °F		Precipitation Inches	
	Average	Departure	Total	Departure		Average	Departure	Total	Departure		Average	Departure	Total	Departure
AL BIRMINGHAM	71	1	3.4	-1.1	BATON ROUGE	76	2	8.2	3.4	COLUMBUS	64	3	2.5	-1.3
MOBILE	74	-1	4.2	-1.3	LAKE CHARLES	75	1	6.0	0.9	DAYTON	64	2	2.3	-1.4
AK ANCHORAGE	47	0	4.7	0.7	NEW ORLEANS	77	2	1.5	-3.5	TOLEDO	60	2	2.6	-0.3
BARROW	20	2	0.5	-0.1	SHREVEPORT	72	-1	6.6	1.9	YOUNGSTOWN	60	3	3.6	0.3
FAIRBANKS	48	0	0.6	0.0	ME CARIBOU	52	2	2.0	-0.8	OK OKLAHOMA CITY	69	1	8.2	2.7
JUNEAU	47	0	2.4	-1.0	PORTLAND	53	1	2.5	-0.8	TULSA	69	0	7.0	1.8
KODIAK	44	1	2.2	-5.5	MD BALTIMORE	67	3	0.4	-3.1	OR ASTORIA	53	1	3.3	0.5
NOME	34	-2	0.3	-0.2	SALISBURY	66	3	0.5	-2.9	BURNS	52	0	0.5	-0.3
AZ FLAGSTAFF	52	2	0.7	-0.1	MA BOSTON	58	0	1.3	-2.2	MEDFORD	59	2	1.2	0.0
PHOENIX	82	5	0.0	-0.1	CHATHAM	53	0	1.9	-1.8	PENDLETON	59	0	1.2	0.1
PRESCOTT	62	5	0.4	-0.1	MI ALPENA	54	3	2.4	-0.5	PORTLAND	58	1	2.2	0.1
TUCSON	77	4	0.4	0.3	DETROIT	61	3	1.4	-1.4	SALEM	56	1	2.1	0.2
WINSLON	62	0	T	-0.3	FLINT	59	2	1.7	-1.1	PA ALLENTOWN	64	4	1.8	-1.7
YUMA	81	3	T	0.0	GRAND RAPIDS	59	1	3.9	0.9	ERIE	59	4	5.2	1.9
AR FORT SMITH	70	1	5.2	0.4	HOUGHTON LAKE	57	3	3.2	0.6	HARRISBURG	66	4	2.3	-1.4
LITTLE ROCK	71	1	3.4	-1.6	LANSGING	58	1	2.0	-0.6	PHILADELPHIA	67	4	0.7	-2.5
CA BAKERSFIELD	70	-1	T	-0.2	MARQUETTE	54	4	0.1	-3.9	PITTSBURGH	62	2	1.6	-1.9
EUREKA	54	2	2.3	0.7	MUSKOGON	58	2	2.2	-0.3	SCRANTON	63	4	2.2	-0.9
FRESNO	71	4	0.2	-0.2	SAULT STE. MARI	54	4	1.7	-1.2	RI PROVIDENCE	59	2	2.2	-1.3
LOS ANGELES	63	1	0.0	-0.1	MN ALEXANDRIA	57	2	2.9	-0.1	SC CHARLESTON	74	2	0.9	-3.5
RED BLUFF	68	0	2.5	-1.7	DULUTH	52	2	2.7	-0.4	COLUMBIA	72	1	1.1	-2.7
SACRAMENTO	66	1	T	-0.3	INT'L FALLS	56	5	0.5	-1.9	FLORENCE	73	2	2.0	-1.3
SAN DIEGO	65	1	0.0	-0.2	MINNEAPOLIS	59	1	3.5	0.3	GREENVILLE	69	1	6.3	2.1
SAN FRANCISCO	59	1	0.2	-0.2	ROCHESTER	57	1	3.4	0.0	SD ABERDEEN	58	1	3.3	0.7
CO DENVER	57	0	1.3	-1.2	ST. CLOUD	57	1	2.6	-0.7	HURON	57	0	3.2	0.4
GRAND JUNCTION	61	-1	1.1	0.3	MS GREENWOOD	73	0	7.8	2.9	RAPID CITY	55	-1	1.4	-1.2
PUEBLO	60	-1	0.8	-0.7	JACKSON	73	0	10.0	5.2	SIoux FALLS	59	1	2.4	-0.8
CT BRIDGEPORT	61	3	0.3	-3.1	MERIDIAN	72	1	7.3	3.1	TN CHATTANOOGA	70	2	3.1	-0.9
HARTFORD	61	2	2.3	-1.1	MO COLUMBIA	66	2	5.3	0.9	KNOXVILLE	68	1	2.4	-1.3
DC WASHINGTON	68	2	0.8	-2.7	KANSAS CITY	65	1	4.8	0.4	MEMPHIS	72	1	4.7	-0.4
FL APALACHICOLA	74	-1	4.4	1.4	SAINT LOUIS	68	3	2.4	-1.1	NASHVILLE	69	0	3.4	-1.2
DAYTONA BEACH	74	-1	1.0	-2.4	MT BILLINGS	54	-1	1.9	-0.5	TX ABILENE	74	1	4.0	0.8
JACKSONVILLE	73	-1	2.2	-2.8	GLASGOW	56	1	2.5	0.7	AMARILLO	65	0	3.3	0.5
KEY WEST	80	-1	0.9	-2.3	GREAT FALLS	53	0	1.8	-0.7	AUSTIN	74	-1	7.4	3.2
MIAMI	77	-1	8.2	1.7	HAVRE	54	0	4.3	2.7	BEAUMONT	75	0	10.6	6.1
ORLANDO	77	-1	0.9	-3.1	HELENA	54	2	0.8	-0.9	BROWNSVILLE	79	0	2.9	0.7
TALLAHASSEE	74	0	1.3	-3.8	KALISPELL	54	3	2.5	0.7	CORPUS CHRISTI	77	-1	5.1	2.1
TAMPA	77	0	2.5	-0.9	MILES CITY	57	0	3.3	1.0	DEL RIO	77	-1	3.6	1.6
WEST PALM BEACH	78	0	1.6	-4.4	MISSOULA	54	2	1.7	0.1	EL PASO	72	0	0.8	0.6
GA ATLANTA	71	2	3.0	-1.1	NE GRAND ISLAND	62	1	3.1	-0.6	FORT WORTH	72	-2	5.5	1.3
AUGUSTA	72	1	2.8	-0.9	LINCOLN	63	1	2.5	-1.3	GALVESTON	75	0	3.2	-0.1
MACON	74	1	2.4	-1.4	NORFOLK	62	1	3.4	-0.3	HOUSTON	76	1	4.3	-0.4
SAVANNAH	75	2	2.1	-2.6	NORTH PLATTE	58	0	2.8	-0.6	LUBBOCK	70	1	1.8	-0.8
HI HILO	75	2	8.7	-0.7	OMAHA	63	1	4.0	-0.3	MIDLAND	73	1	3.8	1.7
HONOLULU	78	1	0.8	-0.4	SCOTTSDBLUFF	56	-2	1.5	-1.2	SAN ANGELO	74	0	7.3	4.8
KAHULUI	76	0	1.0	0.4	VALENTINE	57	0	3.0	0.1	SAN ANTONIO	75	-1	6.3	2.6
LIHUE	76	1	2.6	-0.4	NV ELKO	52	0	0.8	-0.2	VICTORIA	76	-1	6.8	2.3
ID BOISE	59	2	1.1	-0.1	ELY	51	1	0.5	-0.6	WACO	74	-1	6.9	2.2
LEWISTON	50	2	1.4	0.0	LAS VEGAS	77	3	0.3	0.1	WICHITA FALLS	71	-1	3.9	-0.5
POCATELLO	53	-1	1.9	0.7	RENO	58	3	0.3	-0.5	UT BLANDING	58	1	0.5	-0.1
IL CAIRO	72	3	9.6	4.7	WINNEMUCCA	54	-1	1.1	0.3	CEDAR CITY	58	1	0.8	-0.1
CHICAGO	59	0	3.1	0.0	NH CONCORD	57	2	1.4	-1.5	MILFORD	56	0	0.8	0.1
MOLINE	63	2	5.6	1.4	NJ ATLANTIC CITY	63	2	0.6	-2.5	SALT LAKE CITY	57	-1	3.4	1.9
PEORIA	64	2	3.0	-0.9	NM ALBUQUERQUE	64	-1	1.1	0.7	VT BURLINGTON	58	3	4.2	1.2
QUINCY	65	2	3.8	-0.6	CLOVIS	66	0	2.7	0.6	VA NORFOLK	67	1	1.4	-2.3
ROCKFORD	61	2	4.8	1.0	ROSWELL	69	-1	1.2	0.4	RICHMOND	67	1	3.1	-0.4
SPRINGFIELD	66	2	2.6	-0.8	NY ALBANY	61	4	3.2	-0.2	ROANOKE	64	-1	4.2	0.6
EVANSVILLE	68	2	2.9	-1.4	BINGHAMTON	60	5	3.2	0.0	COLVILLE	57	2	1.8	0.1
FORT WAYNE	61	1	2.7	-0.8	BUFFALO	60	3	4.5	1.6	QUILLAYUTE	52	1	11.0	6.3
INDIANAPOLIS	63	1	7.2	3.6	NEW YORK	65	4	1.5	-2.0	SEATTLE-TACOMA	56	1	1.7	0.2
SOUTH BEND	60	1	3.5	0.7	ROCHESTER	59	3	1.6	-1.0	SPOKANE	56	1	1.1	-0.3
IA DES MOINES	63	0	4.3	0.4	SYRACUSE	61	4	2.7	-0.5	WALLA WALLA	62	2	2.2	0.9
DUBUQUE	60	2	5.9	1.5	NC ASHEVILLE	63	0	3.6	-0.6	YAKIMA	58	1	0.9	0.5
SIoux CITY	62	0	3.0	-0.4	CHARLOTTE	69	1	1.6	-2.0	WA BECKLEY	60	0	4.6	0.7
WATERLOO	60	1	6.3	2.2	GREENSBORO	66	0	1.1	-2.3	CHARLESTON	65	1	4.9	1.2
KS CONCORDIA	63	-1	3.6	-0.4	HATTERAS	68	1	3.2	-0.9	HUNTINGTON	66	2	3.6	-0.4
DODGE CITY	64	0	1.3	-2.0	NEW BERN	70	1	4.0	-0.4	PARKERSBURG	64	1	1.8	-1.9
GOODLAND	60	1	3.4	0.5	RALEIGH	67	0	3.0	-0.7	WI GREEN BAY	58	3	1.2	-2.0
TOPEKA	66	1	7.5	3.5	WILMINGTON	72	1	7.1	2.9	LA CROSSE	62	3	1.4	-2.2
WICHITA	67	1	3.0	-0.9	ND BISMARCK	56	1	3.1	0.8	MADISON	58	1	2.0	-1.4
KY BOWLING GREEN	67	0	4.4	0.2	FARGO	57	2	1.0	-1.3	MILWAUKEE	56	1	2.6	-0.1
JACKSON	67	5	2.4	-1.1	GRAND FORKS	59	5	1.8	-0.2	WAUSAU	59	4	1.0	-2.8
LEXINGTON	65	1	3.1	-1.1	WILLISTON	56	1	3.3	1.5	CASPER	51	-2	1.3	-0.9
LOUISVILLE	67	1	4.3	0.1	OH AKRON-CANTON	61	2	2.1	-1.4	CHEYENNE	51	-1	1.0	-1.4
PADUCAH	69	2	8.5	3.9	LA CROSSE	64	1	3.5	-0.4	LANDER	53	0	1.8	-0.9
LA ALEXANDRIA	74	-1	2.7	-3.4	PR SAN JUAN	61	2	4.3	1.0	SHERIDAN	53	0	1.8	-0.6

Based on 1951-80 normals.

National Agricultural Summary

June 2 to 8, 1986.

HIGHLIGHTS: Moisture continued improving in the Southeast as rain nearly covered the eastern half of the Nation. The rain slowed planting in some areas but provided much needed moisture and spurred planting in other areas. Crops continued improving in the Southeast. Most areas of the country had 4 to 6 days available for fieldwork, but farmers in the Delta and Appalachian States worked 3 days or less. Soil moisture was generally adequate in most areas of the Nation, except in the South Atlantic Coast States where moisture remained short.

Winter wheat was 88 percent (%) headed, 3 points above normal and 1 point behind last year. Harvesting continued across the South. Wheat as far north as Pennsylvania was turning color. Corn was mostly good. A few acres remain to be planted in the northern Great Plains and northern Rocky Mountain States. Most corn across the South was silking. Some corn reached soft dough and a few fields reached the dent stage in Texas. Soybean planting advanced 17 points from last week despite the rain. Seeding was 73% complete, compared with 83% in 1985 and the 69% average. Sorghum was 73% seeded, 9 points ahead of normal. Planting was ahead of normal in most States. Cotton was 80% seeded, and squares formed on 13% of the acreage. Seeding was 9 points behind normal. Squaring was 2 points ahead of normal. Rice was mostly good. Emergence was complete in all States except Arkansas and California. Livestock was mostly good. Pastures continued improving.

SMALL GRAINS: The Nation's winter wheat mostly good and continued improving in the Southeast. Rain aided growth and development, especially in the Southeast. Winter wheat was 88% headed in the 20 major producing States, compared with 89% last year and 85% normally. Heading was ahead of or equaled the normal pace in all States except Idaho and South Dakota. Wheat was turning color in Illinois, Indiana, Nebraska, and as far north as Pennsylvania. Harvest continued spreading, moving northward into Kansas. Harvest ranged from just beginning in Kansas to 59% finished in Georgia and 73% finished in Louisiana. Spring wheat was 93% merged, equaling the average. However, emergence was behind normal in Idaho, Minnesota, and South Dakota. Spring wheat was mostly good, but development lagged behind normal in Minnesota and South Dakota.

CORN: Corn was mostly good, and in some Corn Belt and central Plain States, was good to excellent. Corn was mostly fair to good in the Southeast. Corn replanting was active in Minnesota. Corn was mostly silking and entering the soft-dough stage in the Southeast. Moisture benefited crop development. Cutworms were becoming a problem in Michigan. Crop development was about normal, with ample moisture throughout the Corn Belt.

SOYBEANS: In the 19 major producing States, soybeans were 73% planted, 4 points ahead of normal and 10 points below last year. Last week, soybeans were 56% planted. Seeding in Michigan more than doubled from the previous week, up 40 points to 75% completion. Seeding was up 30 points in Iowa and 27 points in South Dakota and Kansas -- Nebraska registered a 25-point gain from last week. Soybeans were mostly good and conditions improved in the Southeast.

SORGHUM: Sorghum planting in the 11 major producing States advanced 12 points from last week

to 73% planted. Seeding would normally be 64% finished by this date. Seeding surpassed the average in all States except Oklahoma and Texas. Seeding was 20 points behind normal in Oklahoma at 45% completion. Rain halted seeding in Oklahoma and caused delays in Mississippi. Sorghum was heading and turning color in Texas and heading in Louisiana.

COTTON: Cotton was 80% seeded and lagged normal by 9 points and was 13 points below 1985's seeding progress. Seeding was complete or neared completion in all States except Oklahoma and Texas. Seeding was 20 points behind normal in Oklahoma, largely because of dryness earlier this year and wetness this week. Thirteen percent of the cotton acreage was forming squares, which was slightly ahead of normal. Cotton was setting bolls in Arizona and Texas. Cotton was mostly good but still remained fair to poor in Missouri. Some cotton in Texas was replanted because of excessive moisture.

OTHER CROPS: Peanut planting drew to a close in the Southeast. Only a few fields remain to be planted in Alabama and Georgia. Planting progressed normally in Texas at 42% completion. A few fields were washed-out in the Cross Timbers area and will require replanting. Peanuts were pegging in Georgia.

Rice seeding was virtually complete in California. In the 5 major producing States, rice was 95% emerged, 8 points ahead of normal. Rice was mostly good and good to excellent in California and Louisiana.

Burley tobacco transplanting was active, but lagged behind normal in most States. Transplanting was 64% finished in Kentucky, 20 points behind 1986 but 2 points above the average. Seventy percent of Tennessee's tobacco was in the ground, 5 points behind normal. Flue-cured tobacco was good to fair.

FRUITS AND NUTS: Peaches were 30% harvested in Georgia, 14 points above normal. South Carolina's peach harvest was 10 points ahead of normal at 17% completion.

Florida's new crop citrus fruit progressed well. Irrigation was discontinued in many areas but producers continued watering young trees. Rain slowed the Valencia orange harvest.

California grape growers took measures to control mildew and pests in grapes. Grapes began sizing rapidly. Kiwifruit set looks good, and fruit sized well. Decreased demand slowed Valencia orange shipments.

VEGETABLES: Florida's vegetable harvest declined seasonally for most crops. Shipments declined for all crops except carrots and sweet corn.

California vegetable harvest consisted mostly of artichokes, asparagus, carrots, cauliflower, lettuce, and sweet corn. Cantaloupe harvest passed its peak in the Imperial Valley but picked up sharply in the Blythe area. Watermelon picking was active.

PASTURE AND LIVESTOCK: Moisture improved pastures in the Southeast but condition was poor to fair. Pastures were mostly good elsewhere. Livestock was mostly good.

CROP PROGRESS

FOR WEEK ENDING JUNE 8, 1986

COTTON
% PLANTED

	1986	1985	AVG.
ALA	98	100	100
ARIZ	100	100	100
ARK	99	100	100
CALIF	100	100	100
GA	90	100	96
LA	100	100	98
MISS	100	100	100
MO	100	100	100
N MEX	100	99	98
N C	100	100	100
OKLA	55	80	60
S C	100	100	100
TENN	96	100	98
TEX	61	86	81

14 STATES 80 93 89

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

	1986	1985	AVG.
ALA	0	0	0
ARIZ	80	70	60
ARK	0	13	3
CALIF	5	10	4
GA	9	42	17
LA	22	19	9
MISS	18	18	13
MO	0	0	1
N MEX	25	0	0
N C	0	0	0
OKLA	0	0	0
S C	5	10	17
TENN	0	1	0
TEX	11	11	12

14 STATES 13 14 11

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

	1986	1985	AVG.
ARK	95	95	90
ILL	80	64	48
KANS	55	50	35
LA	99	100	90
MISS	90	94	82
MO	73	78	63
NEBR	94	95	70
OKLA	45	75	65
S DAK	54	72	62
TENN	80	80	NA
TEX	79	87	86

11 STATES 73 76 NA

EXCL. STATES WITH NA 73 76 64

THESE 11 STATES PRODUCED 94%
OF THE 1985 GRAIN SORGHUM CROPSPRING WHEAT
% EMERGED

	1986	1985	AVG.
IDAHO	92	97	99
MINN	86	95	95
MONT	90	100	90
N DAK	96	100	90
S DAK	94	100	100

5 STATES 93 99 93

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

	1986	1985	AVG.
ARK	97	88	87
CALIF	80	80	68
LA	100	98	96
MISS	100	100	92
TEX	100	97	98

5 STATES 95 91 87

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

	1986	1985	AVG.
ALA	59	67	63
ARK	50	56	46
GA	46	78	57
ILL	94	91	78
IND	75	90	70
IOWA	82	100	84
KANS	65	45	40
KY	43	52	38
LA	78	85	71
MICH	75	95	75
MINN	85	94	88
MISS	43	74	64
MO	63	73	54
NEBR	95	96	75
N C	60	60	61
OHIO	90	91	70
S C	51	55	58
S DAK	52	93	82
TENN	40	55	40

19 STATES 73 83 69

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

	1986	1985	AVG.
ARK	100	100	NA
CALIF	100	100	100
COLO	91	93	80
GA	100	100	100
IDAHO	0	9	18
ILL	100	100	97
IND	99	100	94
KANS	100	100	95
MICH	75	95	45
MO	100	100	99
MONT	10	10	10
NEBR	92	99	85
N MEX	100	NA	NA
N C	100	100	100
OHIO	96	95	84
OKLA	100	100	100
OREG	82	64	64
S DAK	53	83	60
TEX	100	100	99
WASH	60	52	56

20 STATES 88 NA NA

EXCL. STATES WITH NA 88 89 85

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

WEEKLY CROP WEATHER CONDITION PERCENT REPORT
FOR WEEK ENDING JUNE 8, 1986

CORN

STATE	VERY-POOR	POOR	FAIR	GOOD	EXCELLENT
COLO	0	0	25	65	10
GA	8	15	51	25	1
ILL	0	0	7	63	30
IND	NA	2	22	72	4
IOWA	1	2	31	60	6
KANS	0	0	11	26	63
KY	NA	4	30	60	6
MICH	1	4	25	55	15
MINN	0	3	42	50	5
MO	NA	2	29	66	3
NEBR	0	0	6	75	19
N C	NA	7	50	42	1
OHIO	0	1	10	82	7
PA	0	3	34	49	14
S DAK	0	4	19	68	9
TEX	0	6	18	56	20
WISC	2	2	19	71	6

SOYBEANS

STATE	VERY-POOR	POOR	FAIR	GOOD	EXCELLENT
ALA	0	5	57	38	0
ARK	0	0	25	69	6
IOWA	0	2	26	68	4
LA	0	11	58	31	0
OHIO	0	0	20	73	7
S C	0	9	66	25	0
S DAK	0	7	22	62	9

NA - NOT ASKED

COTTON

STATE	VERY-POOR	POOR	FAIR	GOOD	EXCELLENT
ALA	0	9	67	24	0
ARIZ	0	0	0	90	10
ARK	0	0	37	59	4
CALIF	NA	0	0	100	0
GA	0	15	58	27	0
LA	0	0	44	56	0
MISS	6	8	59	27	0
MO	NA	67	33	0	0
N MEX	0	17	17	66	0
N C	NA	4	46	50	0
S C	0	29	68	3	0
TENN	0	7	37	52	4
TEX	0	3	51	38	8

SPRING WHEAT

STATE	VERY-POOR	POOR	FAIR	GOOD	EXCELLENT
IDAHO	0	4	7	71	18
MINN	1	0	33	59	7
MONT	0	0	15	77	8
N DAK	0	0	6	92	2
S DAK	0	1	7	73	19

GRAIN SORGHUM

STATE	VERY-POOR	POOR	FAIR	GOOD	EXCELLENT
ARK	0	0	7	88	5
ILL	0	0	33	66	1
LA	0	0	72	28	0
MISS	0	10	35	50	5
S DAK	0	1	20	75	4
TENN	1	5	42	49	3
TEX	0	1	27	63	9

WINTER WHEAT

STATE	VERY-POOR	POOR	FAIR	GOOD	EXCELLENT
ARK	0	6	39	55	0
CALIF	NA	0	35	65	0
COLO	5	8	40	42	5
GA	4	18	56	21	1
IDAHO	0	0	15	62	23
ILL	3	9	53	33	2
IND	NA	2	29	66	3
KANS	3	9	29	36	23
MICH	2	8	25	50	15
MO	NA	47	48	5	0
MONT	0	0	10	67	23
NEBR	0	1	23	76	0
N MEX	0	49	36	15	0
N C	NA	42	51	7	0
OHIO	0	2	16	77	5
OKLA	NA	0	75	25	0
OREG	0	0	60	40	0
S DAK	0	1	17	58	24
TEX	2	9	38	44	7
WASH	NA	0	55	45	0

RICE

STATE	VERY-POOR	POOR	FAIR	GOOD	EXCELLENT
ARK	0	0	2	98	0
CALIF	NA	0	0	80	20
LA	0	0	15	82	3
MISS	0	0	23	77	0
TEX	0	1	9	58	32

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 2 to 4° above normal. Rainfall ranged from 1.00 to 4.00 in. across State.

Days suitable for fieldwork 5.0. Soil moisture 29% short, 56% adequate, 15% surplus. Fieldwork progress on schedule. Peanuts planted 94%, 100% 1985, 100% 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; harvesting of wheat; care of livestock, poultry; general farm chores.

ALASKA: Warm, windy drying weather prevailed throughout Railbelt. Temperatures ranged 3° below normal to 7° above normal. Precipitation drier than normal.

Days suitable for fieldwork 7.0. Topsoil moisture 25% short, 72% adequate, 3% surplus. Subsoil moisture 9% short, 90% adequate, 1% surplus. Oats, barley grain emergence averaged 80%. Oats, barley for silage seeding 25% complete. Crop growth moderate. Prospects for new growth averaged good.

ARIZONA: Showers, thunderstorms over west through 3rd, over east through 4th. Rain west from traces or none to 0.10 in.; 0.25 to 0.75 in. elsewhere. Sunny skies 5th to 8th. Average temperatures from 2° below normal to 7° above.

Small grains 75% harvested, 45% 1985, 60% avg. Cotton squaring rapidly, bolls setting west. Pesticides applied central, boll weevil trap counts above normal. Alfalfa cutting moderate to active. Western growers into 4th, 5th cutting; central growers 3rd, 4th. Quality, curing conditions good. Weed, insect problems light to moderate. Corn, sorghum developing well. Planting virtually completed southeast. Corn past tasseling stage southeast. Popcorn planted, emerged stands good. Yuma County safflower, sesame good. Grape harvest advanced. Grapefruit, Valencia oranges picked on demand. Potato shipping active. Dry onions shipped. Assorted vegetables packed central valley. Lettuce packing finished southeast. Honeydews, cantaloups harvested Parker-Poston; cantaloups, crenshaws, watermelons Yuma; watermelons central valley.

ARKANSAS: Temperatures near normal. Scattered showers. Temperature extremes 60°; 92°. Rainfall 0.92 to 6.00 in.

Days suitable for fieldwork 3.0. Soil moisture 18% adequate, 82% surplus. Major activities: Cutting hay; rice fertilization, flooding; draining fields; wheat harvest; herbicide application; bermuda sprigging. Rainfall hampered haying operations, soybean planting, wheat harvest. Grass, weeds problem. Tomato, peach harvest underway.

CALIFORNIA: Weather dominated by two major systems. High pressure pushed temperatures above normal some thunderstorms developing Sierra, northern third State. Low pressure replaced high toward week end. System dry but clouds, cooler air brought coolest readings of week. Marine air influence common during period, Sacramento Valley.

Harvesting wheat, barley, oats active and increasing. Cotton fields developing well. Planting rice virtually complete. Baling alfalfa hay continued. Field corn, sugarbeets, safflower progressing well. Apricot harvest continued.

Avocado harvest active. Black Mission figs harvested, packed. Growers applying materials to grapes, control mildew, pests. Grapes beginning to size rapidly. Kiwifruit set looked good; fruit sizing well. Prune crop good shape. Shipments Valencia oranges slowed due decrease demand. Almonds continued progress normally. Pistachios growing well, some dusting mite control. Artichokes light variable quality Salinas. Asparagus harvest active Delta, other central valley, south coast. Freezer bean planting continued Westside. Strawberry, boysenberry, blackberry picking progressed San Joaquin Valley, south coast good quality. Most production Fresno, south coast going to processors. Several growers Lassen County applying pesticides, baits to treat cutworm. Carrot digging moderate generally good quality Salinas. Harvest active Huron District, Kings County, while Imperial Valley-Coachella Valley finished. Cauliflower moderate Salinas. Fairly heavy Santa Maria good quality. Light harvest Los Angeles-Orange County area. Sweet corn Imperial Valley slowing. Planting Delta, Los Angeles-Orange County continued. Lettuce volume heavy Salinas wide range quality, weight. Melon fields blooming, doing well central valley. Cantaloup harvest very active, past peak Imperial Valley, harvest picked up sharply Blythe. Honeydew Blythe just started. Watermelon picking active Imperial Valley, well underway Blythe. Some dehydrator onion fields Tulalake-Butte Valley damaged by hail June 2. Red onion harvest continued central valley, onion grading practically complete desert. Spring potato digging continued good quality. New fall crop 90% complete some fields beginning emerge. Sweetpotato plants good growth Merced-Atwater. Tomato harvest Huron District should begin June 16. Fresh market harvest Imperial Valley winding down. Thunder showers warm weather keeping mountain ranges pastures good condition. Foothill valley feed dry fire danger increased. Water supplies adequate. Movement livestock summer ranges, pastures continued.

COLORADO: Temperatures averaged 11° below normal to 4° above normal. Precipitation totals averaged none to 3.29 in.

Days suitable for fieldwork 4.4. Soil moisture 4% very short, 16% short, 76% adequate, 4% surplus. Winter wheat fair to good. Sorghum planted 56%, 68% 1985, 61% avg.; emerged 38%, 49% 1985, 40% avg. Livestock good; range, pasture fair to good.

FLORIDA: Transition week from dry spring to normal wet summer pattern; increasing humidities, very warm temperatures began to generate scattered showers, thunderstorms. Rainfall amounts averaged 0.25 in. Panhandle, 0.50 to 1.00 in. elsewhere. Temperatures averaged 2 to 3° above normal.

Soil moisture remains short except adequate lower peninsula. Corn condition very poor nonirrigated, good irrigated. Soybean planting continued. Peanut planting virtually complete, some weed problems. Tobacco fair to good, wheat harvest declining. Haymaking continued, yield reduced. Panhandle pastures very poor; south coastal, good; poor to fair elsewhere. South cattle good, fair elsewhere. Rain many areas, some irrigation discontinued, young tree watering continued, new crop fruit making normal progress, some June bloom, Valencia harvest active but slowed by rains, grapefruit movement very slow. Hot sunny days, mild nights, with scattered thunderstorms prevailed over

vegetable producing areas. Temperatures ranged lows mostly 70s to highs in 90s. Rains central, southwest varied amounts up to 2.00 to 3.00 in. Winds mostly light to moderate. Harvest declining seasonally most crops. Shipments declined all crops except carrots, sweet corn. Supplies currently from central, northern areas.

GEORGIA: Warm, light rain many locations. Temperatures 2 to 5° above normal. Rain 1 to 3 days many reporting stations, totals mostly under 0.75 in. Few local amounts between 1.00 to 1.50 in. over north, southeast.

Days suitable for fieldwork 5.8. Soil moisture 19% very short, 59% short, 21% adequate, 1% surplus. Corn 41% silked, 66% 1985, 29% avg.; 10% dough, 24% 1985, 6% avg. Sorghum grain 12% poor, 55% fair, 33% good; 63% planted, 80% 1985, 60% avg. Peanuts 7% poor, 66% fair, 27% good; 95% planted, 100% 1985, 98% avg.; 9% blooming, 51% 1985, 20% avg.; 1% pegging, 10% 1985, 4% avg. Soybeans 8% poor, 60% fair, 32% good. Tobacco 5% poor, 58% fair, 37% good. Watermelons 11% poor, 67% fair, 22% good; 3% harvested, 4% 1985, 2% avg. Wheat 59% harvested, 71% 1985, 38% avg. Rye 5% very poor, 10% poor, 63% fair, 22% good. Other small grains 1% very poor, 17% poor, 63% fair, 19% good. Apples 3% very poor, 11% poor, 54% fair, 32% good. Peaches 14% poor, 48% fair, 36% good, 2% excellent; 30% harvested, 29% 1985, 16% avg. Pasture 12% very poor, 29% poor, 52% fair, 7% good. Hay 11% very poor, 34% poor, 46% fair, 9% good. Cattle 2% very poor, 14% poor, 59% fair, 25% good. Hogs 7% poor, 43% fair, 50% good. Main activities: Planting soybeans, cotton, sorghum; harvesting wheat, peaches; spraying for weed control.

HAWAII: Conditions favorable. High pressure system north dominated island weather. Winds northeasterly, 10 to 20 mph. Light showers, windward, mountain areas. Temperatures ranged upper 60s to upper 80s. Rainfall ranged none to 2.90 in.

Days suitable for fieldwork 7.0. Weather mostly favorable for crop development. Vegetables fair to good; irrigation necessary most areas for normal crop progress. Banana, papaya orchards fair to good. Major interisland barge service interrupted by Boatmen's strike June 8. Interisland shipments dependent on strike's extent, availability alternative transportation.

IDAHO: Temperatures above normal, precipitation below normal.

Days suitable for fieldwork 6.0. Fieldwork active. Irrigation active. Winter wheat good. Spring wheat good. Livestock good. Potatoes 86% planted, 99% 1985, 94% avg.

ILLINOIS: Temperatures averaged 2 to 4° above normal southwest, 1 to 10° below normal over rest of State. Precipitation 0.05 to 3.64 in. heaviest central.

Days suitable for fieldwork 4.5. Soil moisture 12% short, 58% adequate, 30% surplus. Soybeans 15% fair, 69% good, 16% excellent. Winter wheat filled 90%, 91% 1985, 56% avg.; turning yellow 50%, 44% 1985, 29% avg.; ripe 7%, 9% 1985, 3% avg. Oats 22% fair, 71% good, 6% excellent; headed 50%, 73% 1985, 39% avg.; filled 20%, 37% 1985, 14% avg.; turning yellow 2%, none 1985, none avg. Alfalfa 1% poor, 12% fair, 72% good, 15% excellent; alfalfa 1st crop cut 69%, 89% 1985, 58% avg.; alfalfa 2nd crop cut 2%, 2% 1985, none avg.; red clover 16% fair, 74% good, 10% excellent; red clover crop cut 50%, 69% 1985, 42% avg. Pasture 16% fair, 66% good, 18% excellent. Major farm activities: Seeding soybeans, cultivating corn and soybeans, applying herbicides, spreading fertilizer, cutting hay.

INDIANA: Temperatures near normal. Lows 50s to mid 60s. Highs low 70s north, 80 south. Above normal rainfall. Totals 0.50 in. south to over 4.00 in. central. Most 1.00 in.

Fieldwork averaged 4.2 days. Topsoil moisture 4% short, 42% adequate, 54% surplus. Subsoil moisture 3% short, 61% adequate, 36% surplus. Corn 98% planted, 100% 1985, 90% avg. Corn good; 95% emerged, 97% 1985, 85% avg. Corn 13 in. high, 13 in. 1985, 8 in. avg. Soybeans 65% emerged, 75% 1985, 60% avg.; fair to mostly good. Soybeans 4 in. high, 4 in. 1985, 2 in. avg. Wheat fair to mostly good. Wheat 20% turning color, 35% 1985, 8% avg. Alfalfa 50% cut once, 80% 1985, 40% avg. Clover 30% cut, 55% 1985, 25% avg. Tobacco 60% set, 60% 1985, 35% avg. Oats 18 in. high. Oats 30% headed, 65% 1985, 15% avg. Pastures good.

IOWA: Warm, sunny week. Spotty rainfalls averaging below normal over all but southeast. Rain primarily 4th to 5th; Burlington amounts to 3.47 in. 4th, 4.93 in. all week.

Days suitable for fieldwork 4.6. Topsoil moisture 2% short, 56% adequate, 42% surplus; subsoil moisture 57% adequate, 43% surplus. Oats 1% very poor, 3% poor, 18% fair, 63% good, 15% excellent; oats headed 8%, 47% 1985, 22% avg. Winter wheat mostly good to fair. Hay 3% poor, 10% fair, 62% good, 25% excellent; 1st crop alfalfa harvested 30%, 79% 1985, 41% avg. Corn planting near completion, corn stands normal; corn replanted 5%; corn emerged 90%, 100% 1985, 90% avg.; corn cultivated 1st time 20%, 57% 1985, 24% avg. Soybean planting good progress; soybeans emerged 55%, 93% 1985, 59% avg. Livestock mostly good; good calf crop. Pastures mostly good to excellent.

KANSAS: Precipitation 0.40 in. east central, 0.80 in. northwest, 1.92 in. southwest, over 1.00 in. elsewhere. Temperatures averaged 71 to 73° west, north central; 74 to 76° elsewhere; 1° above normal southwest, 2 to 5° above normal elsewhere.

Days suitable for fieldwork 3.5. Soil moisture 13% short, 63% adequate, 24% surplus. Wheat harvest started south central; activity limited by moisture, humidity; mostly test cutting. Condition improved west by recent rains. Russian wheat aphid confirmed 21 counties. Corn excellent growth, near ideal moisture condition. Greenbug, corn borer, cutworm present, activity light. Rain delayed sorghum planting west, some replanting probable. Soybean planting no progress west because rain, good progress elsewhere. Alfalfa nearing completion 1st cutting; yield, quality disappointing; 2nd cutting started. Range, pasture west improved by rain, moisture still short; adequate elsewhere.

KENTUCKY: Warm, humid. Showers, thunderstorms scattered west, south most early week. Midweek upper level weather system helped spread good soaking rain over entire State. Rainfall totals ranged from 0.25 to 2.75 in. Temperatures at or above normal with high humidity.

Days suitable for fieldwork 3.4. Soil moisture 19% short, 48% adequate, 33% surplus. Corn 96% planted, 97% 1985, 90% avg. Average height 20 in. Most advanced fields nearly 3 ft. Weeds troublesome, some yellowing due to excessive moisture. Emerged soybeans 11% poor, 47% fair, 39% good, 3% excellent. Burley tobacco 64% set, 84% 1985, 62% avg. Dark tobacco 63% set. Tobacco 4% poor, 43% fair, 50% good, 3% excellent. Sorghum 42% planted. Barley for grain 15% harvested. Wheat 16% poor, 49% fair, 35% good. Pastures 11% poor, 47% fair, 39% good, 3% excellent.

LOUISIANA: Temperature 1 to 2° above normal. Temperature extremes 65°, 95°. Rainfall averaged 0.54 to 3.76 in.

Days suitable for fieldwork 2.3. Soil moisture 2% short, 36% adequate, 62% surplus. Corn fair to good; 76% silked, 67% 1985, 48% avg.; 13% dough stage, 18% 1985, 13% avg. Cotton 22% squaring, 19% 1985, 9% avg. Rice 100% emerged, 98% 1985, 96% avg.; 1% headed, 3% 1985, 2% avg. Sorghum 99% planted, 100% 1985, 90% avg.; 98% emerged, 98% 1985, 88% avg. Sorghum 2% headed, 6% 1985, 4% avg. Soybeans 78% planted, 85% 1985, 71% avg.; 71% emerged, 73% 1985, 61% avg. Sweetpotatoes fair to good; 80% planted, 86% 1985, 78% avg. Winter wheat fair; 73% harvested, 91% 1985, 71% avg. Hay 1st cutting 69% complete, 84% 1985, 71% avg. Sugarcane, vegetables, pasture, livestock fair to good. Main activities: Planting soybeans, sweetpotatoes; baling hay; harvesting winter wheat.

MARYLAND & DELAWARE: Maryland: Temperatures averaged 4° above normal over State; lowest temperature 34° Oakland, Hancock, highest temperature 94° Bel Air. Precipitation averaged 0.03 in., ranging from none to 0.19 in.

Days suitable for fieldwork 6.7. Topsoil moisture very short to short; subsoil moisture very short to short. Small grains fair to good. Wheat 40% turning, 70% 1985, 40% avg. Oats 70% harvested, 93% 1985, 84% avg. Barley 97% turning, 100% 1985, 94% avg. Rye 72% turning, 100% 1985, 81% avg. Planting progress: Field corn 98% planted, 100% 1985, 98% avg.; soybeans 40% planted, 57% 1985, 49% avg.; tobacco 58% transplanted, 86% 1985, 61% avg.; sweet corn 97% planted, 100% 1985, 97% avg.; cucumbers 100% planted, 99% 1985, 92% avg.; snap beans 86% planted, 74% 1985, 61% avg.; tomatoes 100% planted, 100% 1985, 92% avg. Alfalfa 1st cutting 95% harvested, 96% 1985, 69% avg.; 2nd cutting 2% harvested. Other hay 1st cutting 66% harvested, 81% 1985, 48% avg. Peaches good; set above average. Apples good; set average.

Delaware: Temperatures averaged 5° above normal over State; lowest temperature 41° Georgetown; highest temperature 94° Milford. No measurable precipitation.

Days suitable for fieldwork 7.0. Topsoil moisture very short; subsoil moisture very short to short. Small grains poor to fair. Small grains turned: Wheat 89%; barley 96%; rye 43%. Planting progress: Field corn 98% planted, 100% 1985, 99% avg.; cucumbers 66% planted, 74% 1985, 91% avg.; lima beans 44% planted, 21% 1985, 56% avg. Alfalfa 1st cutting 100% harvested, 100% 1985, 69% avg.; 2nd cutting 36% harvested. Other hay 1st cutting 97% harvested, 100% 1985, 56% avg. Apples good to excellent; set average. Peaches good; set average.

MICHIGAN: Temperatures ranged 3° below to 1° above normal. Temperature extremes 28°; 89°. Precipitation ranged from none to 3.90 in.

Days suitable for fieldwork 5.0. Soil moisture 30% short, 50% adequate, 20% surplus. Corn 1% very poor, 4% poor, 25% fair, 55% good, 15% excellent. Planted acres emerged 90%. Cutworms major problem. Soybeans 75% planted, 95% 1985, 75% avg. Wheat 75% headed, 95% 1985, 45% avg.; 2% very poor, 8% poor, 25% fair, 50% good, 15% excellent. Dry beans 25% planted, 40% 1985, 25% avg. Major farm activities: Soybean, dry bean planting; hay cutting; post emergence herbicide application. Asparagus harvest 90% done. Weather-related diseases fruits, vegetables southwest.

MINNESOTA: Temperatures averaged near normal to 3° above normal. Temperature extremes 31°; 96°. Precipitation averaged 0.84 in. below normal to 0.21 in. above normal. Greatest weekly total 1.71 in.

Days suitable for fieldwork 5.6. Topsoil moisture 17% short, 70% adequate, 13% surplus. Planting nearing completion, all crops. Rain needed to germinate late-planted seeds in dry

topsoil. Spring wheat, other small grain development behind, mostly good. Spring wheat 9% jointing, 41% 1985, 29% avg. Oats 92% emerged, 97% 1985, 97% avg.; 15% jointing, 52% 1985, 32% avg. Barley 99% planted, 99% 1985, 98% avg.; 85% emerged, 95% 1985, 93% avg.; 6% jointing, 38% 1985, 27% avg. Corn replanting active, scattered areas had poor germination; scattered cutworm infestations. Corn 82% emerged, 93% 1985, 86% avg. Soybeans 55% emerged, 79% 1985, 61% avg.; 5% poor, 38% fair, 53% good, 4% excellent. Potatoes 94% planted, 96% 1985, 93% avg.

MISSISSIPPI: Temperatures 3° above normal, extremes 61°; 94°. Rain 23.00 in. north and central, 0.50 in. near coast. Greatest 24-hour rainfall 2.98 in.

Days suitable for fieldwork 1.7, 6.0 1985, 5.2 avg. Soil moisture 2% short, 14% adequate, 48% surplus, 36% excessive. Rain delayed soybean planting, weed, insect control. Corn 2% poor, 11% fair, 77% good, 10% excellent; 24% silking, 23% 1985, 20% avg. Wheat 9% very poor, 31% poor, 39% fair, 21% good; 90% ripe, 96% 1985, 83% avg.; 27% harvested, 52% 1985, 35% avg. Sweetpotatoes 70% planted, 84% 1985, 75% avg. Peanuts 80% planted, 92% 1985, 88% avg. Watermelons 90% planted, 98% 1985, 96% avg. Hay 24% harvested, 46% 1985, 35% avg. Peaches 2% harvested, 17% 1985, 10% avg.

MISSOURI: Temperatures averaged 2° above normal southeast, to 5° above normal north. Precipitation averaged nearly 2.00 in. over southern half, under 1.00 in. northern half.

Days suitable for fieldwork 4.1. Soil moisture 10% short, 64% adequate, 26% surplus. Cotton, wheat fair to poor. Alfalfa 1st cutting 69%, 82% 1985, 63% avg. Pasture 5% poor, 35% fair, 54% good, 6% excellent.

MONTANA: Moderate to heavy rains. Northeast lightest 0.33 in., south central 1.00 to 4.00 in. Elsewhere 0.50 to 1.50 in. Temperatures very warm first of week maximums low to upper 90s, average 10° above normal.

Days suitable for fieldwork 5.5. Topsoil moisture 31% short, 63% adequate, 6% surplus. Subsoil moisture 8% short, 90% adequate, 2% surplus. Barley growth, condition 8% fair, 80% good, 12% excellent. Corn, dry bean planting nearly finished. Potatoes 80% planted slightly behind 1985 and average. Sugarbeets nearly half thinned. Livestock 85% moved to summer range, on schedule. Hay, range grass growth 47% average, 53% above average.

NEBRASKA Rainfall amounts averaged 0.30 in. Temperatures near normal. Temperature extremes 46°; 91°.

Days suitable for fieldwork 5.4. Topsoil moisture 18% short, 72% adequate, 10% surplus. Subsoil moisture 4% short, 88% adequate, 8% surplus. Corn good to excellent. Corn emerged 98%, 99% 1985, 80% avg. Sorghum planted 94%, 95% 1985, 70% avg. Sorghum emerged 80%, 85% 1985, 45% avg. Soybeans planted 95%, 96% 1985, 75% avg. Soybeans emerged 70%, 85% 1985, 45% avg. Wheat mostly good to fair. Wheat leaf rust southeast, south central. Wheat headed 92%, 99% 1985, 85% avg. Wheat turning color 5%, 25% 1985, 9% avg. Alfalfa good to excellent. First cutting 55%, 75% 1985, 45% avg. Range, pasture mostly adequate to surplus.

NEVADA: Widely scattered thunderstorms most areas. Temperatures slowly moderated, period average still ended above normal all areas. Windy afternoons common.

Alfalfa hay fair to good, 1st cuttings well along except extreme north. Second, 3rd cuttings underway extreme south. Calving, lambing, shearing operations virtually complete. Movement cattle,

sheep to spring ranges nearing completion. Ranges still excellent.

NEW ENGLAND: Average temperatures 55 to 60° north, 60 to 65° south; below normal. Rainfall 0.50 in., northern New Hampshire and Maine; 1.00 to 2.00 in., southern Maine, New Hampshire, Vermont; 4.00 to 6.00 in., Massachusetts, interior Rhode Island, Connecticut; 1.00 to 2.00 in. coastal Connecticut, Rhode Island. Almost 9.00 in. some spots northwest hills of Connecticut, southern Berkshires of Massachusetts.

Days suitable for fieldwork 5.5. Soil moisture 8% short, 75% adequate, 17% surplus. Fieldwork progress generally on schedule. Grazing availability 5% short, 75% adequate, 20% surplus. Maine potatoes 95% planted, 95% 1985, 90% avg. Field corn 90% planted, 95% 1985, 85% avg. Sweet corn 90% planted, 85% 1985, 80% avg. Maine oats 100% sown, 100% 1985, 85% avg.; 70% emerged; excellent condition. Hay good. Shade tobacco 100% transplanted. Broadleaf, Havana seed more than 50% transplanted. Apple thinning complete. Weed control in progress. Frost damage on tender crops northern Vermont, New Hampshire. Major farm activities: Planting, cutting hay or haylage, hilling potatoes.

NEW JERSEY: Temperatures below normal north, near normal central, south. Extremes 34°; 95°. Rainfall averaged 1.97 in. north, 0.12 in. central, 0.09 in. south. Heaviest 24-hour total 2.35 in. on 6th, 7th. Estimated soil moisture percent field capacity averaged 78% north, 33% central, 22% south. Four inch soil temperatures averaged 66° north, 69° central, 70° south.

Some showers received more needed central, south. Vegetable harvest increasing. Potatoes in bloom. Strawberry volume good. Apples, peaches sizing. Peach thinning underway. Some apple sets light. Early field corn up 12 to 15 in.; rain needed. Early soybeans germinated; planting continued. Barley combining beginning. First cutting of hay about complete. Pastures brown.

NEW MEXICO: Temperatures averaged near normal over most of State. Temperatures 34° northern mountains to 100° southeastern plains. Precipitation recorded over most of State. Precipitation trace southern desert to 2.11 in. northern mountains.

Days suitable for fieldwork 4.9. Soil moisture 27% short, 64% adequate, 9% surplus. Hail damage 49% none, 38% light, 13% moderate. Alfalfa 29% fair, 71% good. Corn 14% fair, 86% good. Barley 29% fair, 71% good. Irrigated grain sorghum 25% fair, 75% good. Dryland grain sorghum 100% fair. Pecans 100% good. Apples 100% good. Onions 100% good. Chile 100% good. Cattle 33% fair, 67% good. Sheep 25% fair, 75% good. Range 11% poor, 67% fair, 22% good.

NEW YORK: Week cool, wet. Most areas above normal precipitation. Week began warm, humid. Violent thunderstorms as colder air spread southeast. Near record low temperatures morning of 3rd. Most areas low temperatures 30s, frost and freezing temperatures common near dawn. Dry until 5th, followed by rain most areas every day through end of week.

Days suitable for fieldwork 5.0. Soil moisture adequate. Corn 90% planted, 94% 1985, 85% avg. Some frost damage reported, crop appears to have recovered. Haymaking off to good start, good yields. First cutting alfalfa hay 18% harvested, 23% 1985, 6% avg. Clover-timothy hay 11% harvested, 10% 1985. Grass silage harvest 23% complete, 22% 1985, 7% avg. Wheat good, heading out. Dry bean planting underway. Apples, peaches, pears good shape. Snap bean, celery planting

continued. Green pea harvest started. Pastures good.

NORTH CAROLINA: Temperatures averaged near normal, Mountain Region; 2 to 3° above normal, Piedmont, Coastal Plain Regions. Temperature extremes 50°; 95°. Precipitation ranged from none to 1.62 in. across State.

Days suitable for fieldwork 5.9. Soil moisture 16% very short, 64% short, 20% adequate. Corn mostly fair to good, some leaves twisting. Small grains mostly fair. Cotton mostly good to fair. Soybean planting average, mostly fair to good. Dry weather affecting stands. Tobacco in fields 44% fair, 56% good. Transplanting burley tobacco 65%, 76% 1985, 83% avg. Peanuts 4% poor, 44% fair, 52% good. Sorghum 70% planted, 64% 1985, 70% avg. Sweetpotatoes 65% planted, 78% 1985, 75% avg. Irish potatoes 7% poor, 38% fair, 55% good. Peaches 11% poor, 22% fair, 56% good, 11% excellent. Apples 7% poor, 60% fair, 27% good, 6% excellent. Hay 30% poor, 47% fair, 23% good. Truck crops 54% fair, 46% good. Pasture 33% poor, 48% fair, 19% good. Major farm activities: Planting soybeans, sorghum, vegetables; transplanting burley tobacco, sweetpotatoes; land preparation; cultivating corn, tobacco, peanuts, soybeans; sidedressing corn, tobacco; cutting hay; spraying apples; harvesting small grains, cabbage, truck crops; tending livestock; mowing; applying pesticides; general maintenance.

NORTH DAKOTA: Warm week. Scattered showers, thunderstorms 3rd, 6th; some hail southeast, south central. Temperatures 4 to 7° above normal; extremes 40° north central to 95° northwest, northeast. Rain average 0.10 in. west to 0.50 in. east; amount varied greatly.

Days suitable for fieldwork 6.3. Crop progress good with most crop good. Planting of row crops near completion ahead of normal for some. Most areas could use general rain. Topsoil moisture near 1985 and normal; 26% short, 74% adequate. Hard red spring wheat jointing 22%, 59% 1985, 31% avg.; durum wheat jointing 12%, 40% 1985, 21% avg.; barley jointing 20%, 62% 1985, 34% avg.; flax planted 92%, 97% 1985, 86% avg.; sunflower planted 84%, 90% 1985, 83% avg.; dry beans planted 97%, 98% 1985, 92% avg.; potatoes planted 93%, 100% 1985, 98% avg. Pasture growth fair to mostly good.

OHIO: Temperatures generally 1 to 4° above normal. Cloud cover limited temperature extremes. Precipitation 1.00 to 2.00 in. north, central; 0.33 to 1.50 in. south.

Days suitable for fieldwork 5.1. Soil moisture 18% short, 58% adequate, 24% surplus. Corn good; 98% emerged, development averaged almost 6 leaves unfurled. Soybeans good; 75% emerged, rain delayed planting. Wheat good; some lodging. Oats 25% headed, 40% 1985, 16% avg. Hay fair to good. Showers, humidity interfered with cutting, curing hay. Alfalfa weevil subsiding. Alfalfa 1st cut 58% complete, 74% 1986, 42% avg. Other hay 1st cut 36% complete, 54% 1986, 26% avg. Pasture fair. Harvesting cabbage, broccoli. Strawberry harvest 30% complete. Processing tomato transplanting 94% complete. Tobacco transplanting 70% complete.

OKLAHOMA: Temperatures averaged 2° below normal southwest to 1° above normal northeast, east central. Precipitation averaged 0.99 in. central to 3.01 in. northeast.

Days suitable for fieldwork 1.5. Topsoil moisture 45% adequate, 55% surplus. Subsoil moisture 10% short, 90% adequate. Wheat 75% fair, 25% good; 100% headed, 100% 1985, 100% avg.; 10% harvested, 35% 1985, 15% avg. Wet fields delayed harvest, caused detrimental weed growth. Sorghum 45% planted, 75% 1985, 65% avg.; 30% emerged, 50% 1985, 35% avg. Cotton 55% planted, 80% 1985, 60%

avg.; 35% emerged, 50% 1985, 35% avg.; none squaring, none 1985, none avg. Prolonged rain, cool temperatures caused row crop development to drop below average 1st time this year. Growers await dry weather to resume planting. Pastures 5% fair, 70% good, 25% excellent. Rain prompted bermuda, native pasture growth. Cattle mostly good; marketings, prices down from preceding week.

OREGON: Week started temperatures well above normal, gradually cooled statewide. Average temperature departures normal to 3° above coast, 3 to 10° above normal western interior, 5 to 13° above normal east. First of week heavy thunderstorms east. Precipitation varied from none to 1.42 in. western areas. Flash flooding, 3.00 to 4.00 in. of hail Enterprise area.

Soil moisture 48% short, 52% adequate. Spring grains good, began to head west; short of moisture Columbia Basin; seeding finished eastern high country. Grass seeds mostly good west; heading out central areas. Red clover being cut for silage, hay Willamette Valley. Haying activities continued statewide; spraying for alfalfa weevil mainly central areas. Orchardists began irrigating Hood River; some thinning early blocks; fruit fly spraying. Fruit crops doing well Medford; started 2nd cover sprays on pears. Good cherry crop The Dalles; size, quality excellent; picking to begin about 10th. Strawberry harvest underway west; good crop except some deformed berries from freeze during bloom. Raspberries sizing, coloring; scattered ripe fruit early fields. Bloom finished on boysenberries, Marion blackberries; harvest expected earlier than normal. Vegetable crops growing rapidly west. Sweet corn, snap bean planting continued. Broccoli harvest to begin about 15th. Green pea harvest started Milton-Freewater. Potatoes emerging central areas. Livestock good to excellent statewide. Range, pastures mostly good west; shallow hillsides drying off. Good grass growth improved mountain ranges rapidly east; hot weather starting to burn up grass lower elevations.

PENNSYLVANIA: Humid, wet week. Majority precipitation form of scattered thunderstorms, thus spotty, heavy amounts. Average temperature 66°, 2° above normal. Temperature extremes 28°; 94°. Average precipitation 1.91 in., 1.00 in. above normal.

Days suitable for fieldwork 5.0. Soil moisture 45% short, 45% adequate, 10% surplus. Corn 95% planted, 98% 1985, 87% avg. Corn 3% poor, 34% fair, 49% good, 14% excellent. Average corn height 7 in., 7 in. 1985, 6 in. avg. Soybeans 78% planted, 78% 1985, 58% avg. Barley 66% headed; 33% turning yellow; 1% ripe; 1985 66% headed; 34% turning yellow. Wheat 92% headed; 8% turning yellow; 1985 97% headed; 3% turning yellow. Wheat 1% poor, 25% fair, 58% good, 16% excellent. Oats 10% poor, 38% fair, 40% good, 12% excellent. First cutting alfalfa 56% complete, 51% 1985. First cutting clover-timothy 28% complete, 25% 1985. Quality of hay fair to good. Feed from pastures below average to average. Activities: Harvesting hay, haylage; planting corn, soybeans, tobacco; harvesting strawberries; week control activities.

PUERTO RICO: NO DATA AVAILABLE.

SOUTH CAROLINA: Temperatures fluctuated during week. Highs 60s, 70s early week, upper 80s, 90s by weeks end. Rainfall spotty, variable amounts less than 0.25 in. Isolated amounts greater upstate, coastal plains.

Days available for fieldwork 5.5. Soil moisture 27% very short, 55% short, 18% adequate. Cotton 29% poor, 68% fair, 3% good; 100% planted, 100% 1985, 100% avg.; 5% squaring, 10% 1985, 17% avg.

Corn fair to good; 10% silked, 20% 1985, 19% avg. Tobacco fair to good; 1% topped, 4% 1985, 8% avg. Peanuts fair; 94% planted, 100% 1985, 100% avg. Soybeans 9% poor, 66% fair, 25% good; 51% planted, 55% 1985, 58% avg. Peaches fair; 17% harvested, 9% 1985, 7% avg. Pastures fair; wheat, oats, rye, barley poor to fair. Small grain harvest active.

SOUTH DAKOTA: Average temperatures ranged 1 to 6° above normal. Extremes 43°; 93°. Precipitation totals ranged zero to 2.71 in.

Days suitable for fieldwork 4.5. Topsoil moisture mostly adequate, short southwest, surplus southeast; 1% critically short, 13% short, 64% adequate, 22% surplus. Warm, dry weather helped farmers make good planting progress, remain 1 week behind normal. All crops good to excellent. Grasshoppers hatching, producers spraying. Range, pastures, livestock good to excellent. Feed, stockwater supplies adequate.

TENNESSEE: Rain statewide daily. East 0.50 in. elsewhere 2.00 to 4.00 in. Temperatures above normal.

Days suitable for fieldwork 2.4. Soil moisture 3% very short, 9% short, 54% adequate, 35% surplus. Corn 96% planted, 98% 1985, 92% avg.; 1% very poor, 2% poor, 40% fair, 48% good, 9% excellent. Cotton 96% planted, 100% 1985, 98% avg. Cotton none squaring, 1% 1985, none avg.; 7% poor, 37% fair, 52% good, 99% excellent. Sorghum 80% planted, 80% 1985; 1% very poor, 5% poor, 42% fair, 49% good, 3% excellent. Soybeans 40% planted, 55% 1985, 40% avg. Wheat 55% ripe, 45% 1985, 30% avg. Wheat 1% harvested, 7% 1985, 2% avg.; 4% very poor, 40% poor, 47% fair, 9% good. Tobacco 70% transplanted, 91% 1985, 75% avg.; 1% very poor, 18% poor, 56% fair, 25% good. Cattle good. Pastures improved.

TEXAS: Humid air over State continued to feed widespread thunderstorm activity. Repeated showers common southwestern two-thirds State, south central hard hit by soaking rains, heavy flood surrounding San Antonio. Rainfall again missed Trans-Pecos, showers light across Rolling Plains, along Red River. Standing water slow to drain or evaporate east, south, since skies stayed overcast between shower activity. Rainfall above normal many areas, except Trans-Pecos, along Red River. Temperatures southern part State warmer than average. Cooler than normal Southern High Plains, Rolling Plains; elsewhere, temperatures near normal.

Crops: Small grain harvesting stalled last week Blacklands, Cross-Timbers, Low Plains by continued wet conditions. Harvest should begin High Plains as fields dry out. Minor damage hail Plains. Some fields beginning to sprout inhead from excessive wet conditions. Most fields central, south harvested. Turning color 94%, 89% 1985, 80% avg. Harvested for grain 35%, 34% 1985, 24% avg. Corn good progress across State good moisture. Hail knocked down some plants Plains. Most fields central, south doughing. Fields north, Blacklands silking. Silked 58%, 45% 1985. Doughing 33%, 22% 1985. Dented 4%, 6% 1985. Rain boost grain sorghum condition statewide. Planting continued Plains, Cross-Timbers as fields dry. Many fields Blacklands southward heading, some turning color. Coastal Bend, Rio Grande Valley fields turned color. Headed 48%, 37% 1985, 39% avg. Turning color 18%, 10% 1985, 11% avg. Planting cotton Plains delayed last week by rain. Cool, damp conditions causing some disease problems. Many fields squaring. Some replanting necessary because excessive rains. Fields Blacklands, central making good progress. Some spraying for insects occurring before rain. Fields Coastal Bend, Valley continued good boll set. Prospects good. Setting bolls 6%, 5% 1985, 6% avg. Rice fields continued head out along Upper Coast. Recent rain helped progress.

Headed 2%, none 1985, 1% avg. Peanut fields planted early good stands, recent moisture will increase growth. Some later planted fields washed out Cross-Timbers. Planting continued most major producing areas as fields dry out. Planted 42%, 52% 1985, 42% avg.

Other Field Crops: Soybeans 58% planted, 48% 1985, 49% avg. Sunflowers 45% planted, 48% 1985, 55% avg. Oats 41% harvested, 47% 1985, 43% avg.

Commercial Vegetables: Rio Grande Valley melon harvest reaching final stages. Wet fields slowed harvest last week. Most other harvest activities also slow. San Antonio-Winter Garden heavy rains caused some damage. Melon harvest, other harvest slow. Some disease problems beginning. East light harvest between rain showers completed potatoes, squash, beans, cucumbers, sweet corn, tomatoes. Damp weather some disease problems. High Plains onions, potatoes good progress. Hail minor damage scattered fields. Fungicide applications underway as needed. Potato harvest underway Knox-Haskell area. Trans-Pecos onion harvest underway conditions allow. Hail some damage onions, chilies. Cantaloups good progress. Harvest early variety peaches continued as weather permitted. Some wind, hail damage Cross-Timbers. Pecans making good progress, added moisture should improve nut development. Many producers began second spray casebearers central. Most other areas follow soon with 2nd spray.

Range and Livestock: Range, pasture conditions continued improve all areas last week. Added rainfall increased growth, greening. Haying operations stalled as was fertilization activity east. Hay yields good. Alfalfa harvest Plains also stalled. Livestock good. Market slow.

UTAH: Temperatures 7° above normal. Precipitation none to moderate.

Days suitable for fieldwork 6.7. Topsoil moisture 53% short, 47% adequate. Crop progress normal. Corn 96% planted, 100% 1985, 91% avg.; winter wheat 45% headed, 51% 1985, 41% avg.; spring wheat 9% headed, 20% 1985; barley 26% headed, 22% 1985, 18% avg.; 1st cutting alfalfa 34% complete, 35% 1985, 23% avg. Range pasture good to excellent, dry south. Movement to summer range cattle 53%, sheep 51%. Movement south 100%. Livestock good.

VIRGINIA: Hot. Average temperature 2° above normal. Widely scattered showers, thunderstorms early, late period. Rainfall inadequate, 0.20 in. average.

Days suitable for fieldwork 5.6. Soil moisture 75% short, 25% adequate. Severely dry some areas north, southeast. Adequate moisture southwest mountains. Corn planting 96% complete, 97% 1985, 96% avg.; fair to mostly good. Weed control difficult. Soybean planting 52% complete, 59% 1985, 56% avg.; mostly good. Germination spotty some areas. Peanuts good to excellent, some weed problems. Flue-cured tobacco transplanting 95%

complete, 98% 1985, 97% avg.; good to excellent. Burley tobacco transplanting 58% complete, 84% 1985, 75% avg. Rain, scarce plants delayed transplanting; poor to fair. Fire-cured tobacco transplanting 76% complete, 94% 1985, 87% avg. Apples good, some excellent. Cut small grains for silage. Barley harvest 24% complete, 36% 1985, 30% avg. Wheat harvest began, 6% complete, 13% 1985, 6% avg. Oat harvest 27% complete, 6% 1985, 9% avg. Salad vegetables harvested. Hay yields short, condition poor, some fair. Pastures mostly poor to fair, some good southwest. Very dry areas north fed cattle.

WASHINGTON: Warm, dry throughout State. Average temperatures above normal; 4 to 8° west, 11 to 16° east. Precipitation none to 0.45 in.

Days suitable for fieldwork 6.9. Soil moisture 40% short, 60% adequate. Wheat, barley mostly fair to good. Range, pasture 40% short, 60% adequate. Some stress east due to continued warm, dry conditions; wheat, barley, dry peas, alfalfa, range, pastures affected most. Sweet cherry harvest started.

WEST VIRGINIA: Temperatures 1 to 5° above normal. Temperature extremes 33° Greenbank; 94° Williamson. Precipitation 0.02 to 2.36 in. Average precipitation 0.89 in.

Days suitable for fieldwork 4.7. Soil moisture 5% very short, 49% short, 44% adequate, 2% surplus. Feed supplies 18% short, 82% adequate.

WISCONSIN: Temperatures averaged 62°, 2° below normal; low 24°, high 91°. Rainfall 0.10 to 0.80 in., amounts varied greatly by locality. Rain needed most areas.

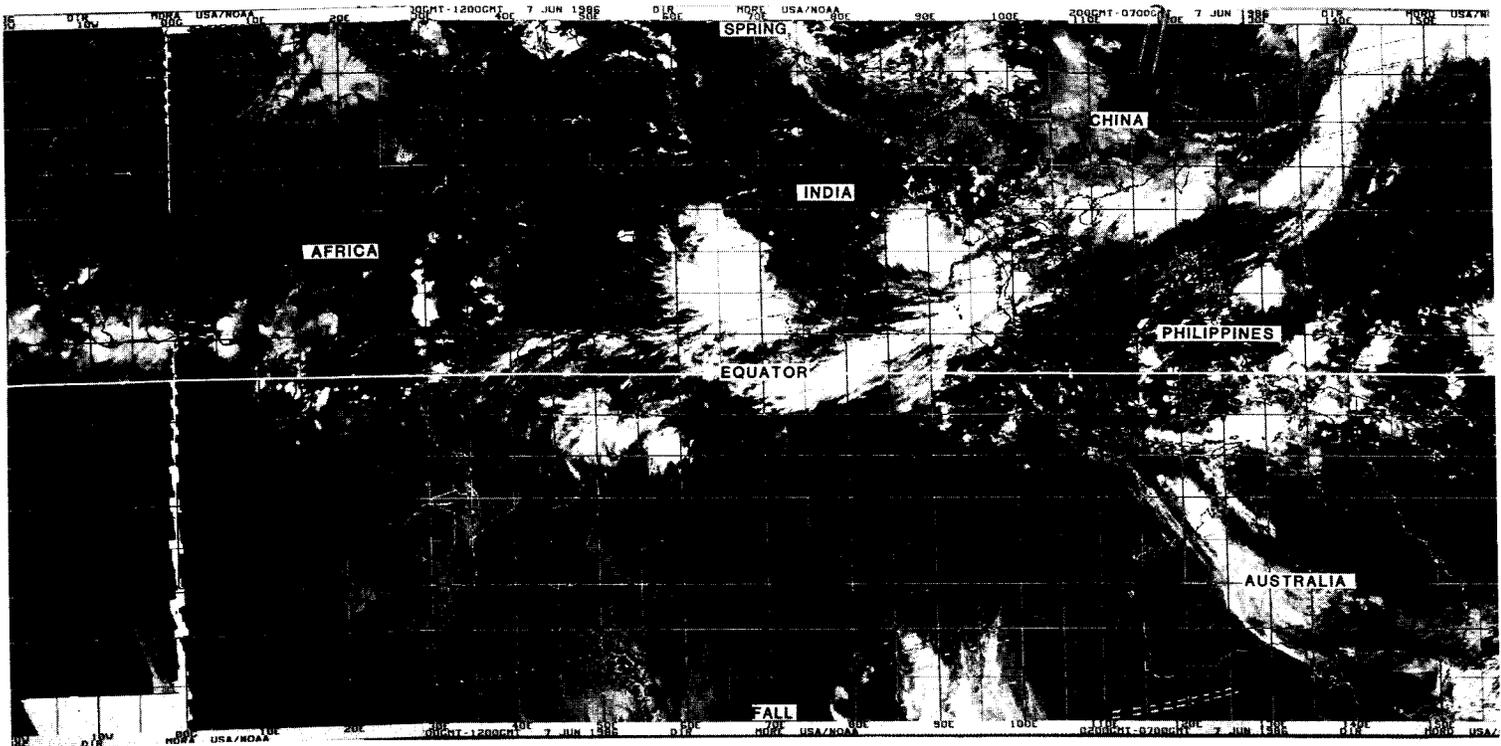
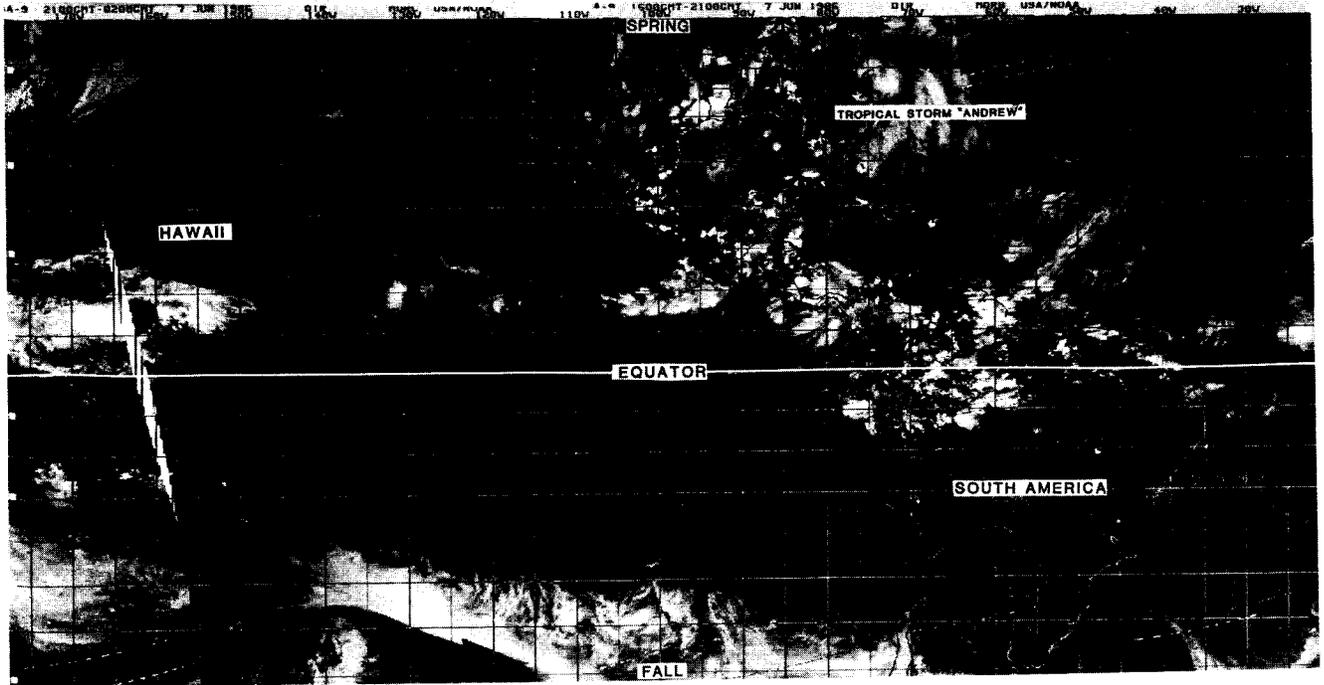
Days suitable for fieldwork 5.6. Soil moisture 61% short, 36% adequate, 3% surplus. Crops 1% very poor, 4% poor, 19% fair, 71% good, 5% excellent. Corn planted 98%, 98% 1985, 93% avg. Corn 2% very poor, 2% poor, 19% fair, 71% good, 6% excellent. Soybeans planted 83%, 94% 1985, 77% avg. First cutting hay 45%, 49% 1985, 21% avg. Oats headed 3%, 5% 1985, 2% avg. Good week for haying. Alfalfa yields good. Crop growth slowed by dry, cool days. Strawberry picking started, good crop. Peas blossoming.

WYOMING: Temperatures above normal. Precipitation below normal except north central, northeast.

Days suitable for fieldwork 6.0. Topsoil moisture 35% short, 63% adequate, 2% surplus. Spring wheat emerged 95%, 95% 1985. Oats emerged 85%, 95% 1985. Barley emerged 90%, 100% 1985. Sugarbeets emerged 95%, 100% 1985; thinned 35%, 55% 1985. Corn planted 90%, 100% 1985; emerged 70%, 90% 1985. Potatoes emerged 55%, 85% 1985. Dry beans planted 65%, 85% 1985; emerged 25%, 40% 1985. Winter wheat 45% fair, 50% good, 5% excellent. Livestock mostly good. Calf, lamb losses light to normal. Ranges, pastures mostly good. Livestock moved to summer ranges: Cattle 60%; sheep 50%.

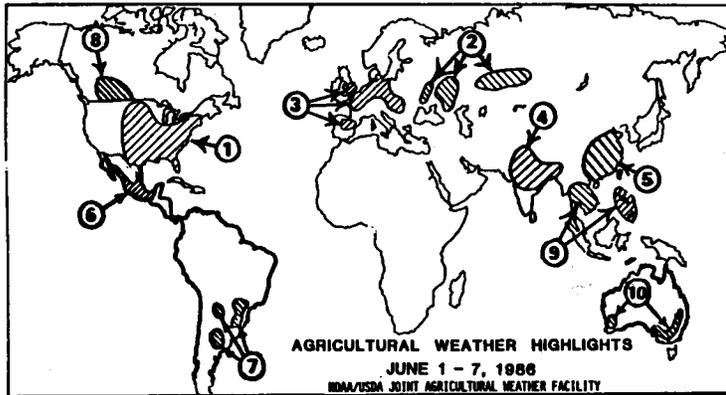
Global Weather Satellite Image

JUNE 7, 1986



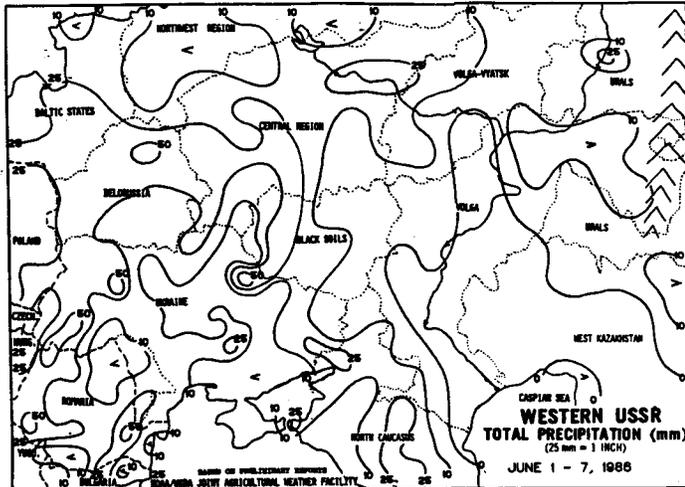
International Weather and Crop Summary

June 1 - 7, 1986

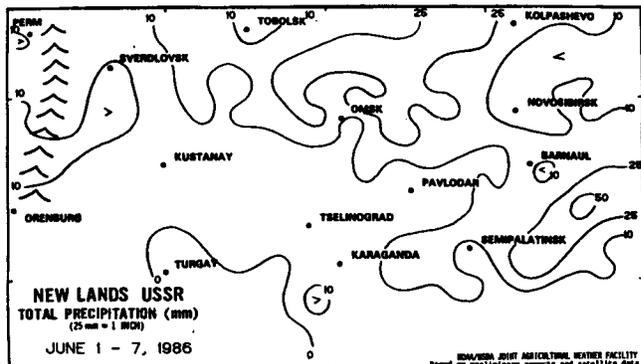


1. UNITED STATES ... Moisture improves in the Southeast as rain nearly covers the eastern half of the Nation. The rain slows planting in some areas, but provides much needed moisture and spurs planting in other areas.
2. USSR ... Unseasonably warm, dry weather in some major winter grain producing areas is stressing crops in the reproductive stage. In the New Lands, weather conditions continue favorable for spring grain emergence and early plant establishment.

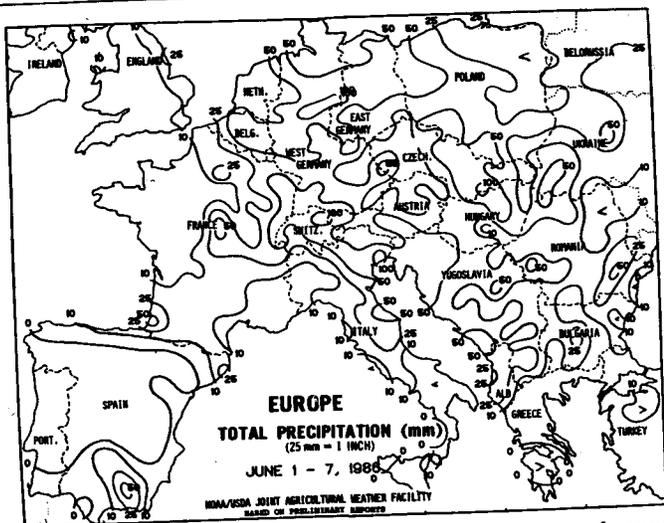
3. EUROPE ... Heavy rain covers crop areas in northern and Eastern Europe. Light, scattered showers fall in England and France, where wheat is entering the heading stage. Northern Spain's dry weather is unfavorable for filling wheat.
4. SOUTH ASIA ... Timely monsoon rain benefits southern India, allowing field preparation for autumn rice planting.
5. EASTERN ASIA ... Heavy rain benefits intermediate rice. Dry, hot weather is unfavorable for cotton, corn, and soybeans in the North China Plain.
6. MEXICO ... Showers benefit crop growth in the east. Dry weather continues in the west.
7. SOUTH AMERICA ... Light showers in Argentina cause minimal delay in late summer crop harvesting and early winter wheat planting. Rain in southern Brazil slows late soybean harvesting.
8. CANADA ... Showers and cooler weather favor emerging crops in the Prairie grain belt.
9. SOUTHEAST ASIA ... Dry weather in parts of central Thailand slows corn and rice planting. Moisture is adequate for rice in the northern Philippines.
10. AUSTRALIA ... Mostly dry weather covers the wheat belt, hampering wheat planting and early growth.



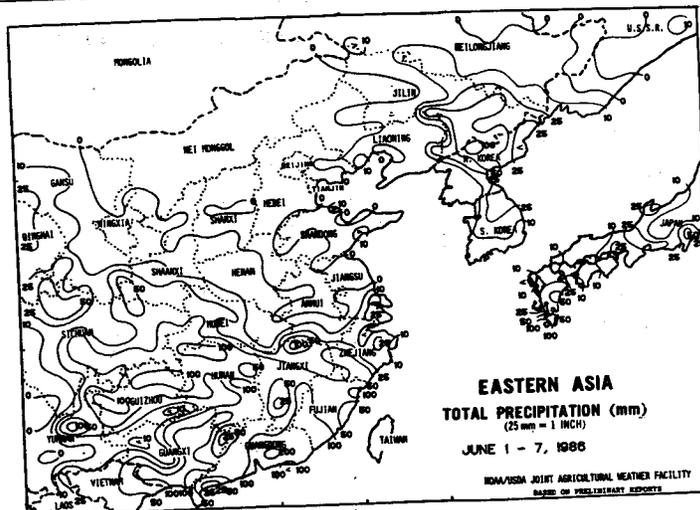
U.S.S.R. ... Dry weather covered the northern North Caucasus, eastern Ukraine, and the Volga Valley, stressing winter wheat in the reproductive stage. Daytime highs reached 33 degrees C on several days, with nighttime lows around 18 degrees C. Winds remained light in these areas. Winter grains in Moldavia and the west-central Ukraine received light showers and cooler weather, easing unfavorable dryness. Variable showers (10 to 25mm) in the eastern Ukraine and parts of the central North Caucasus favored winter grains in the filling stage and spring grains entering the heading stage. By week's end, temperatures in eastern winter grain areas moderated to around 30 degrees C, reducing the heat stress, and light scattered showers fell over some areas.



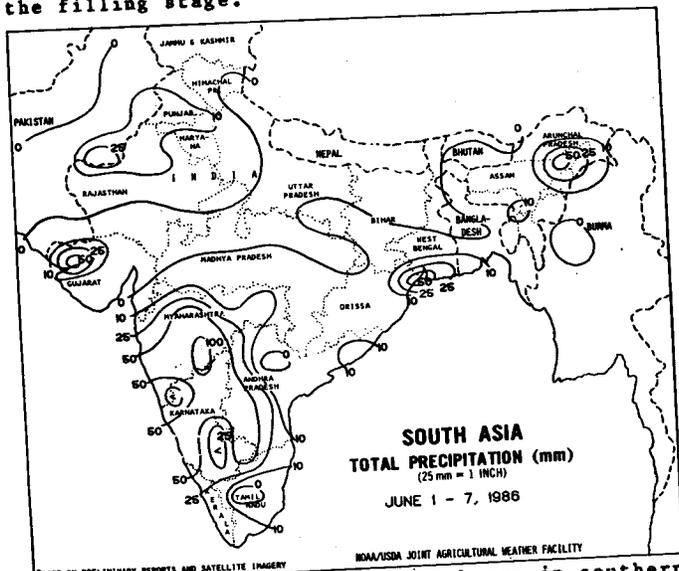
In the New Lands, widespread showers over northern and eastern spring wheat areas continued to moisten topsoils, providing abundant moisture for crop emergence and early plant establishment. Dry weather covered the southwest, but soil moisture is adequate for early crop growth except around Orenburg, where dry weather persisted. Weekly temperatures were above normal in the southwest and below normal in the north and east. Below-freezing temperatures (around -1 degrees C) were reported at some extreme northern locations late in the week.



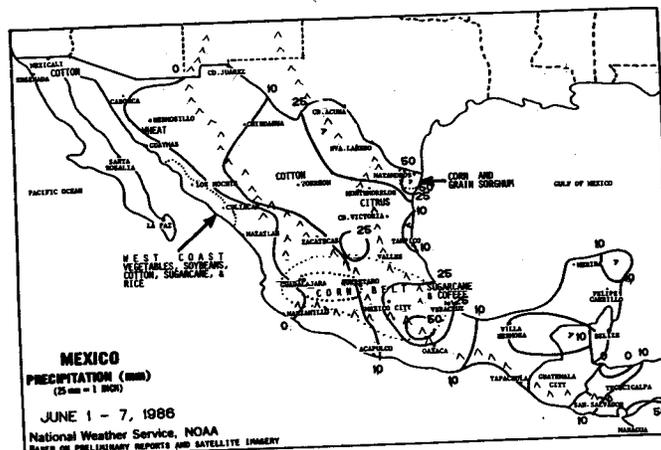
EUROPE ... Heavy rain (50 to 100mm) covered crop areas in the Netherlands, Belgium, West Germany, East Germany, western Poland, eastern Czechoslovakia, Hungary, and western Romania. Below-normal temperatures accompanied the rain in these areas, and moisture conditions are probably becoming too wet for crops in West Germany and East Germany. The rains were welcomed in Eastern Europe, where winter grains are in the heading stage. Crop areas in southern Romania received the first substantial precipitation since March, benefiting winter grains in the filling stage and summer crops such as corn in the vegetative stage. In England and France, light showers covered wheat areas entering the heading stage. Dry weather in northern Spain was unfavorable for wheat in the filling stage.



EASTERN ASIA ... Widespread, moderate to heavy rain (25 to 100mm) covered southern China. The moisture was especially beneficial for intermediate rice in the vegetative stage in Hunan and Jiangxi where a drying trend had developed over the past 4 weeks. Dry, hot weather occurred in much of the North China Plain. The unfavorable conditions are stressing unirrigated cotton, corn, and soybeans and straining irrigation reserves. Late corn and soybeans are normally planted in early June. Temperatures reached 35 to 39 degrees C in Hebei, Shandong, and Henan, maintaining high evaporation and speeding winter wheat maturation. Heavy rain (25 to 50mm) fell in eastern Jilin, but mostly light rain fell in the corn and soybean areas of the Manchurian Valley.



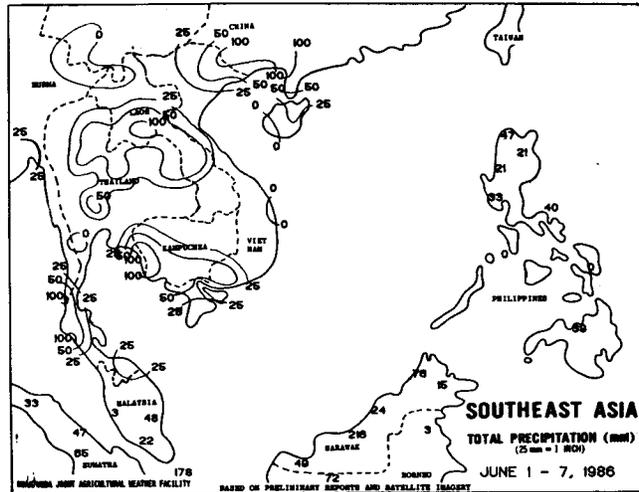
SOUTH ASIA ... Timely rains began in southern India. Moderate to heavy rain (25 to 100mm) fell in Maharashtra, Karnataka, and western Andhra Pradesh. The moisture was very beneficial, allowing fieldwork in the west coast autumn rice area. Scattered, light showers (1 to 10mm) fell in rainfed autumn rice areas of eastern Madhya Pradesh, Orissa, and Bihar where more rain is needed for planting. Light showers fell in the Ganges Plain where irrigation is supplying moisture for rice planting. Monsoon rain normally covers peninsular India by mid-June when rice planting should be well under way.



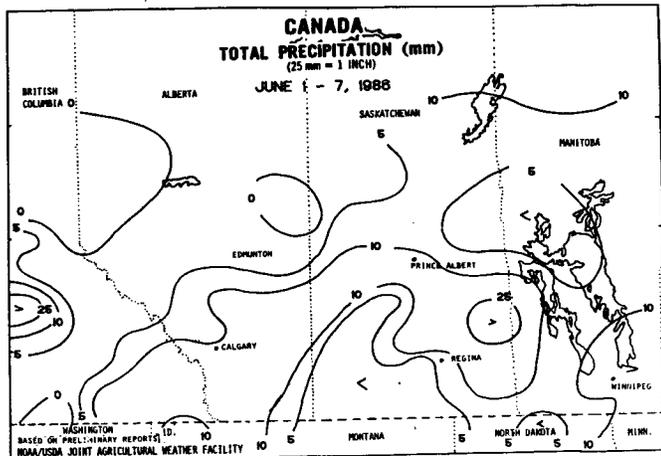
MEXICO ... Widespread showers fell over the eastern two-thirds of Mexico. The moisture may have helped late developing sorghum and corn in the northeast, but harvesting in this major grain sorghum area normally occurs in June. Scattered showers (generally less than 15mm) benefited cotton and rangeland growth in the north-central region. Periodic rain continued over the eastern half of the Southern Plateau corn belt. Weekly rainfall averaged 10 to over 50mm in the east, maintaining adequate topsoil moisture for corn. Late planting is still underway, but a major portion of the corn crop is emerging into vegetative growth. In the west, moisture is limited for unirrigated crops. Mostly dry weather continued along the west coast farming region.



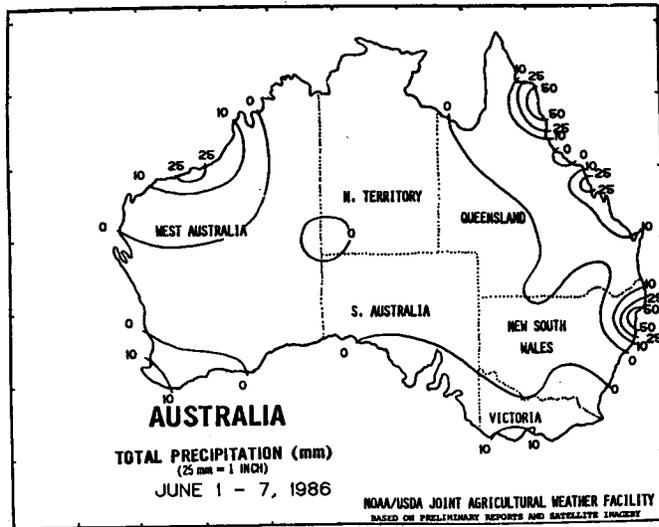
SOUTH AMERICA ... In Argentina, light showers over the major summer crop area generally produced 2 to 8 mm of weekly rainfall with isolated amounts of 10 to 14mm. Summer crop harvesting proceeded into the late stages, with most activity concentrated on the soybean harvest. Wheat planting normally begins during June. Dry weather occurred over the southern wheat areas of Buenos Aires. In Brazil, more rain fell in Rio Grande do Sul. Weekly rainfall averaged 10 to 40mm, slowing late soybean harvesting again. Moisture is abundant for wheat planting and early growth in the south. Very light rain (less than 5mm) fell over the remainder of Brazil's center-south region. Dry weather continued over Sao Paulo's citrus/coffee area, favoring early harvesting.



SOUTHEAST ASIA ... Moderate to heavy rain (50 to 100mm) fell in southwestern Kampuchea and northern Laos, while a band of drier weather covered southern Laos and Vietnam. Moderate rain (25 to 50mm) benefited irrigation reserves in northern Thailand and favored rainfed rice in northeastern Thailand. Relatively dry weather covered much of central and eastern Thailand where a drying trend has developed during the last 3 to 4 weeks. Moisture is becoming limited in parts of central Thailand, slowing corn and rice planting. Moderate rain over the Philippines benefited upland rice in central and northern Luzon.



CANADA ... Showers, thunderstorms, and cooler weather occurred over the Prairie Provinces, favoring emergence and early growth of spring grains and oilseeds. Weekly rainfall generally averaged 10 to 25mm across a significant portion of the grain belt. Minimal shower activity (less than 5mm) was confined to southwestern Saskatchewan and northern Alberta. Weekly temperatures averaged near normal in the east and slightly above average in the west. The cooler weather alleviated heat stress and promoted crop emergence. Spring crop plantings are nearly complete, making rapid progress in recent weeks. In general, moisture supplies are adequate throughout the Prairie grain belt. Crops are rated in mostly good condition.



AUSTRALIA ... Rainfall further diminished this week across the wheat belt. High pressure deteriorated slightly, allowing a weak frontal system to move across the southern fringe of the country. Light showers (1 to 3mm) fell in South Australia and Victoria, where no significant rain has fallen in 2 weeks, and topsoils are becoming dry. Dry weather continued in northern New South Wales and southeastern Queensland, delaying wheat planting and stressing earlier planted wheat. Temperatures averaged above normal in the northeastern wheat belt, further depleting the limited moisture. Light showers fell in the southern wheat areas of Western Australia, where moisture is mostly adequate.

