WEEKLY WEATHER AND CROP BULLETIN

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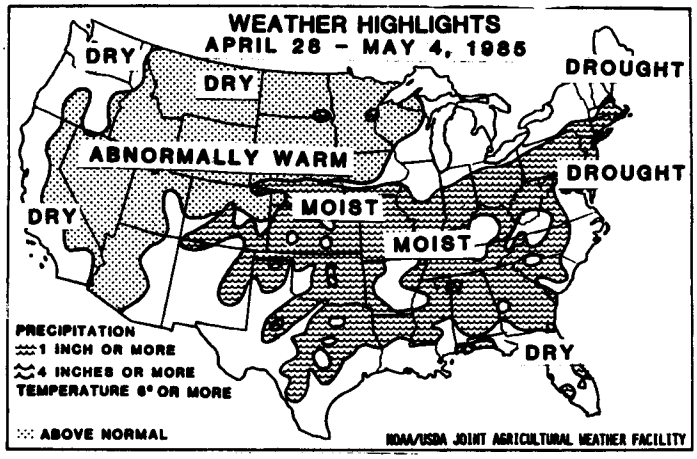
National Weather Summary

April 28 to May 4, 1985



HIGHLIGHTS: An early-week storm developed in the Southwest and moved slowly eastward, pulling moisture from the Gulf of Mexico to trigger showers and thunderstorms from New Mexico and Texas to Georgia and the upper Ohio Valley. By late Thursday and early Friday, the storm tapped moisture from the Atlantic and spread rain along the east coast. The West continued dry and warm, especially in the northern Plains where temperatures reached 12-16 degrees above normal and maximum temperatures were in the nineties.

SUNDAY...Widespread thunderstorms occurred through most of Texas, but moderate to heavy rain and hail fell in the Panhandle, northern New Mexico, southern Colorado, and western Oklahoma and Kansas. Thunderstorms scattered over the Southeast, showers fell through the Appalachians, and light rain covered the Northeast.

MONDAY...Strong thunderstorms developed throughout the central Plains and from eastern Texas and western Louisiana into Missouri. Tornadoes and hail spread from eastern Oklahoma to eastern Nebraska. A few showers fell in eastern Florida, but most of the Nation saw clear skies. Temperatures were quite warm in the South and in the northern Plains, where afternoon highs reached to the nineties.

TUESDAY...A major storm moved slowly eastward, and moderate to heavy showers and thunderstorms developed from eastern Nebraska to the Tennessee Valley. Lighter showers covered the central Plains and Mississippi Valley. All of the West and most of the East had no rain.

WEDNESDAY...The storm moved eastward and spread showers and thunderstorms through the middle and lower Mississippi Valley, the Tennessee Valley, the Ohio Valley, and eastward through Pennsylvania to southern New England. Unusual warmth prevailed along the east coast, and very warm weather pushed into central California.

THURSDAY...Rain finally came to some of the very dry parts of the East. Moderate rain fell from eastern Alabama and northern Georgia, through Kentucky and the Carolinas, to southern Pennsylvania and southern New England. Lighter rain fell in the lower Appalachians, the Piedmont of the central Appalachians, and along the east coast from Georgia to southern Maryland.

FRIDAY...Rain tapered off in the East. Heavier rain was confined to the extreme coastal area. As the storm moved off the east coast, another storm spread clouds and rain through the Pacific Northwest and the northern and central Rockies. Temperatures were somewhat cooler in the East, but rose to the nineties in parts of the northern Plains.

SATURDAY...Rain in the upper Great Lakes region spread into New York, and a few showers continued in Florida. Light showers also fell in the Northwest and from the central Rockies to the western Great Lakes region. Warm weather continued through the Plains.

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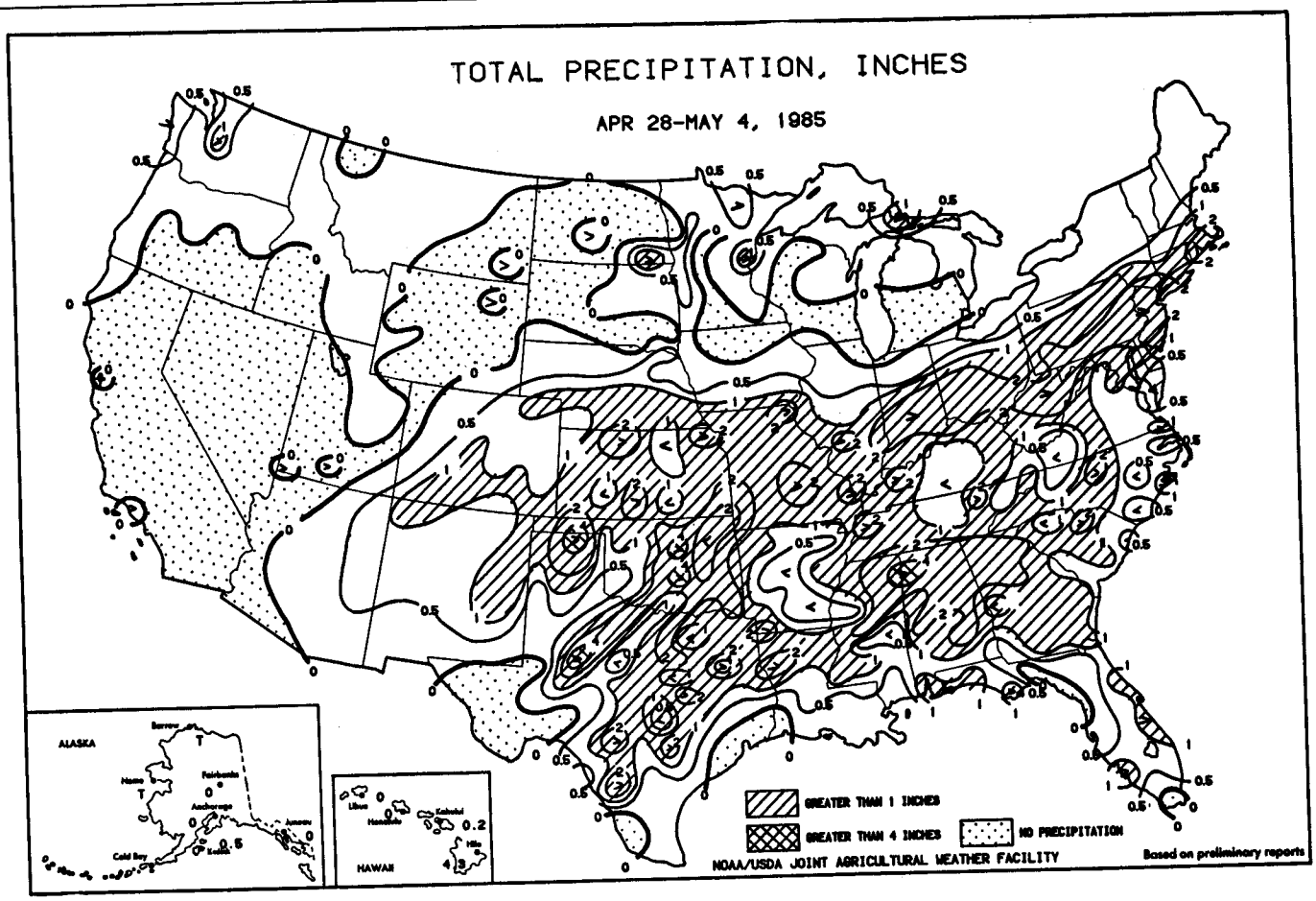
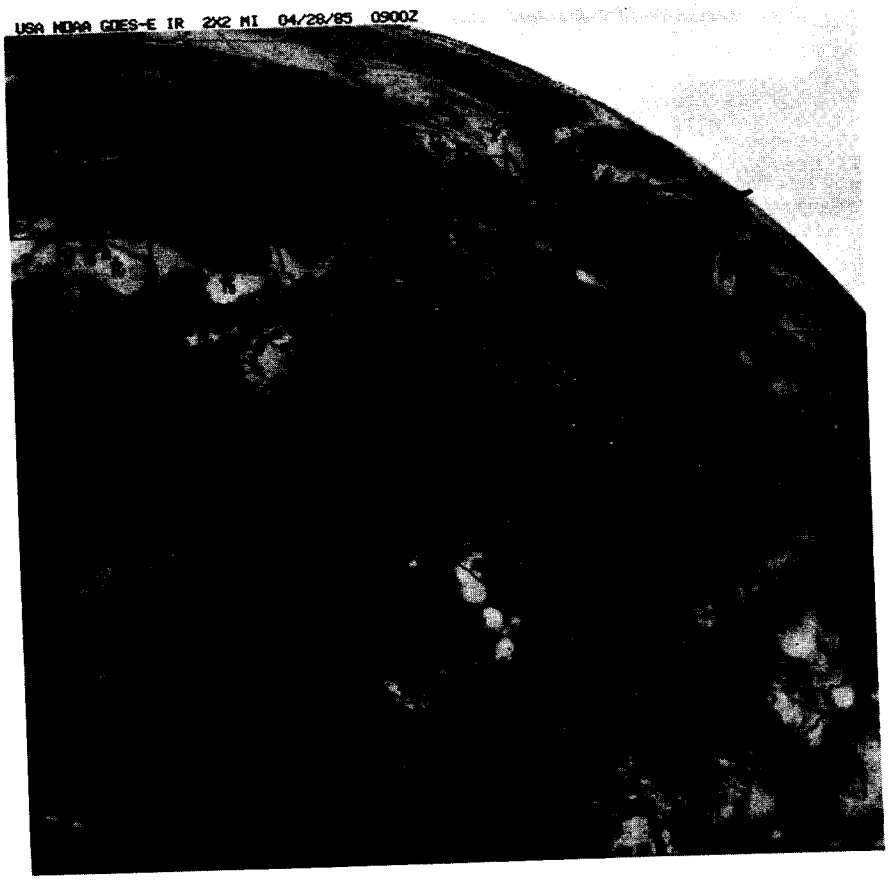


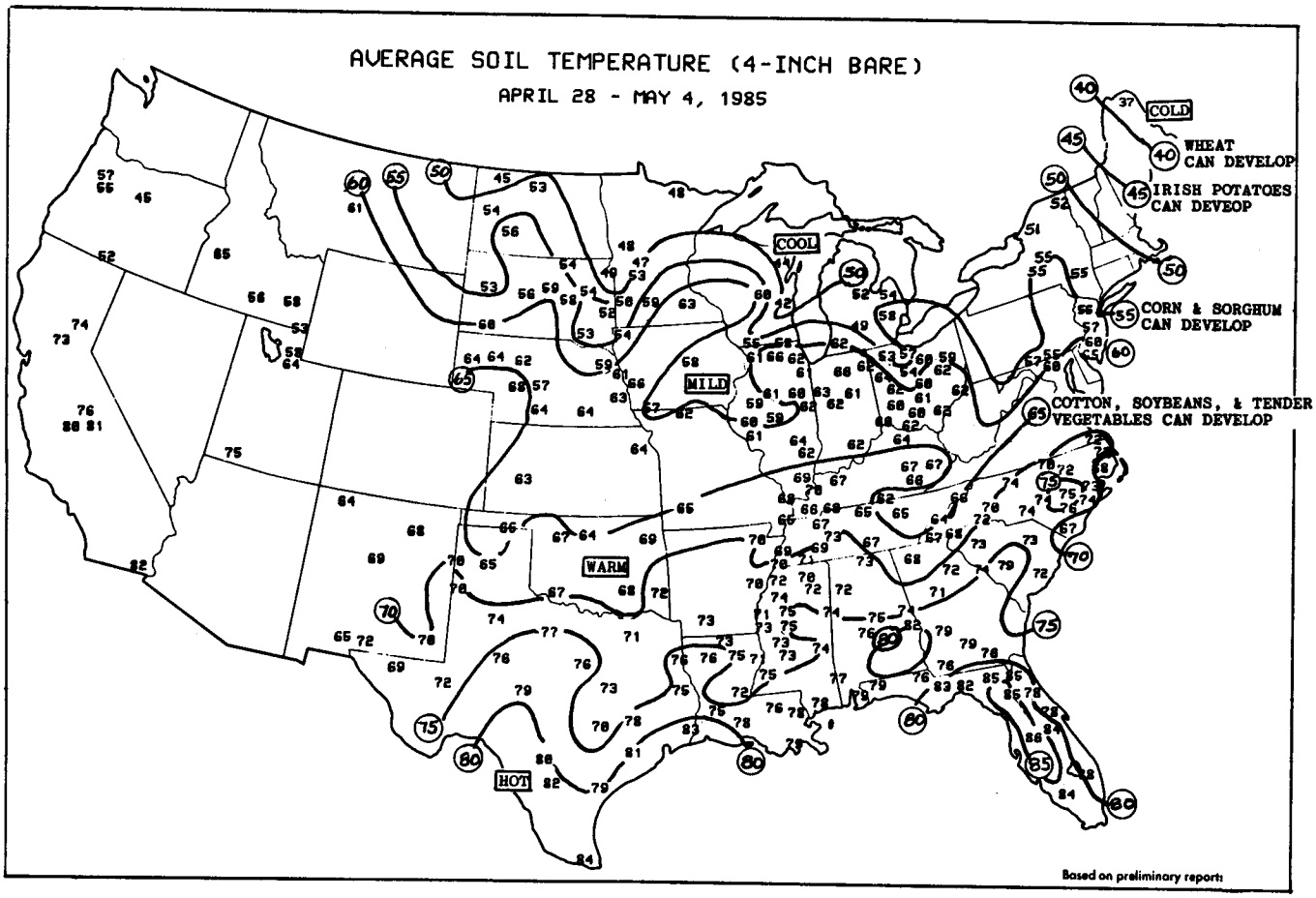


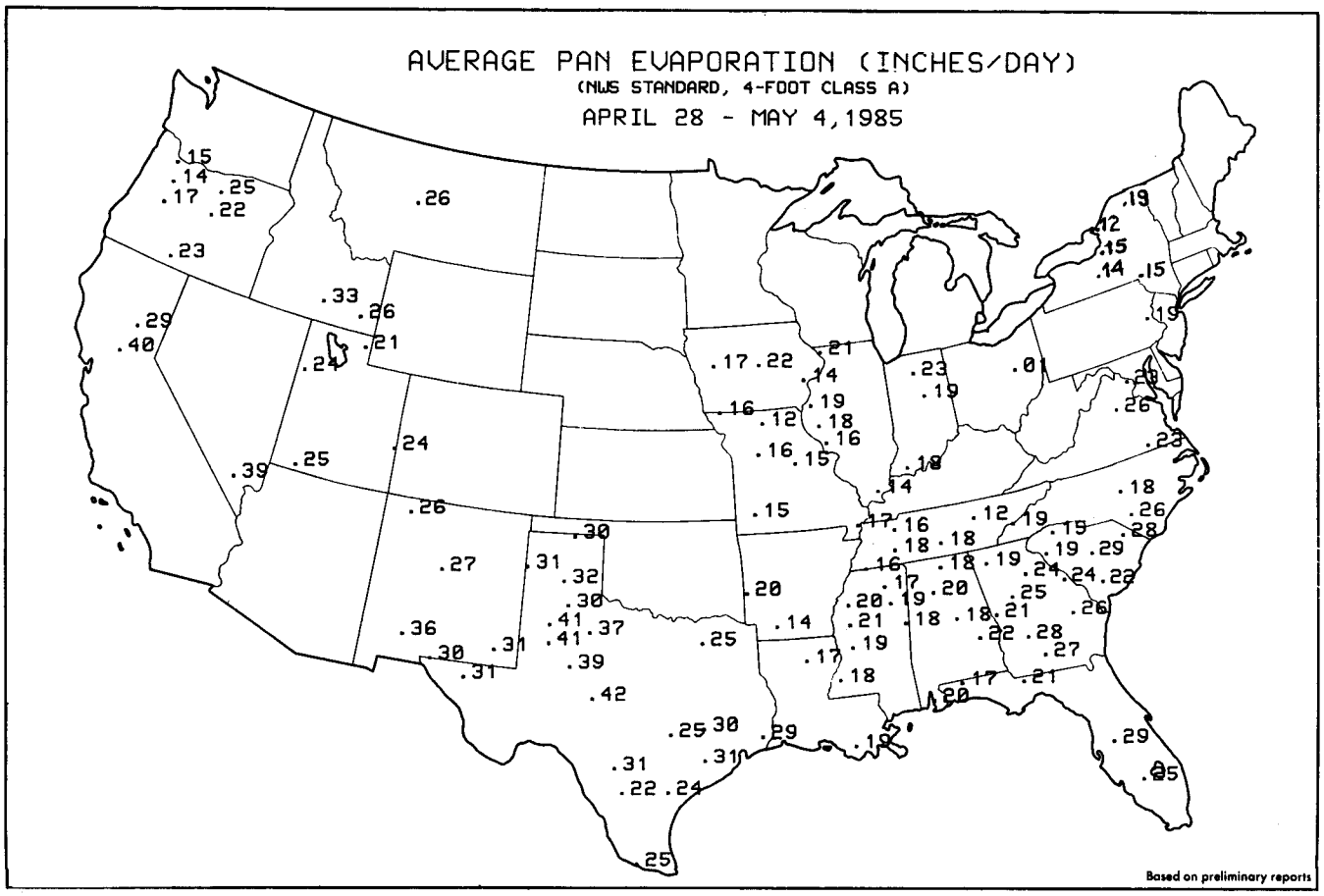
MOISTURE FROM THE GULF OF MEXICO FLOWS OVER A QUASI-STATIONARY FRONT AND PRODUCES SCATTERED THUNDERSTORMS IN TEXAS AND TRIGGERS A MASS OF SHOWERS AND THUNDERSTORMS IN NEW MEXICO. THIS LATTER AREA SUBSEQUENTLY MOVES EAST-NORTHEASTWARD AND PRODUCES SHOWERS, THUNDERSTORMS, AND RAIN ALL THE WAY TO THE EAST COAST.

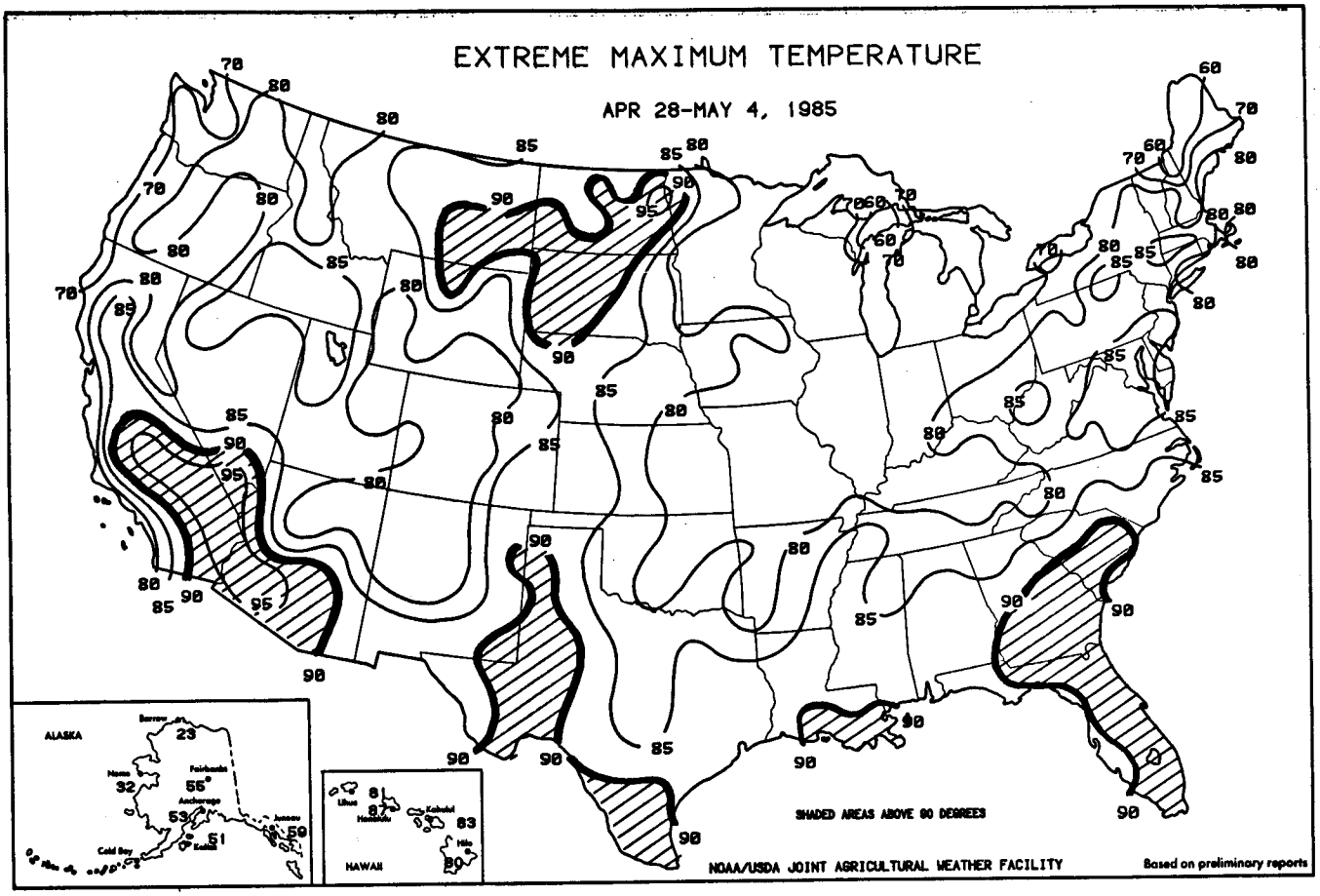
A FEW MINOR SHOWERS FALL ALONG THE FRONT IN THE APPALACHIANS AND SOME SNOW FALLS IN CANADA, NORTH OF THE EASTERN GREAT LAKES.

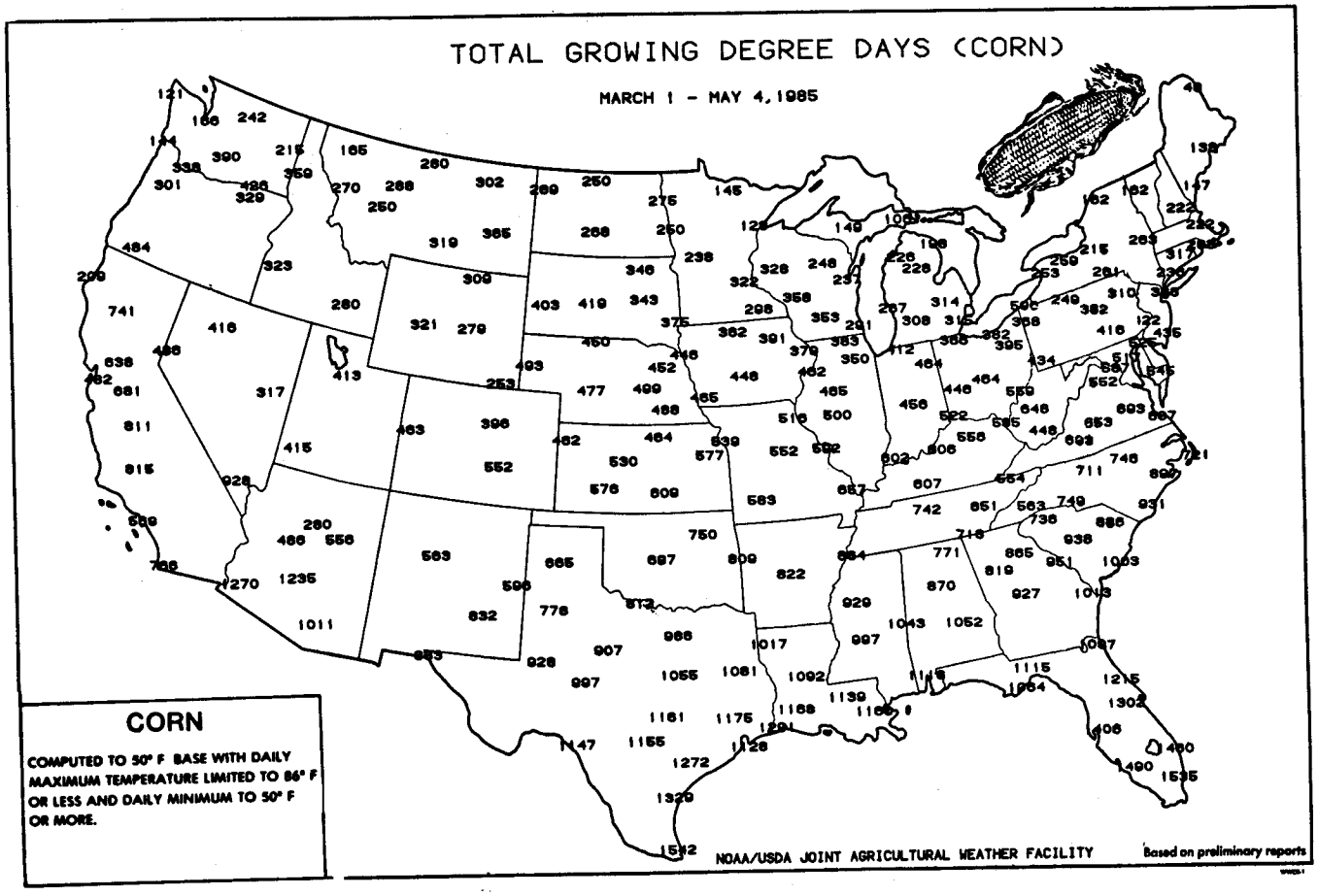
LEGEND:

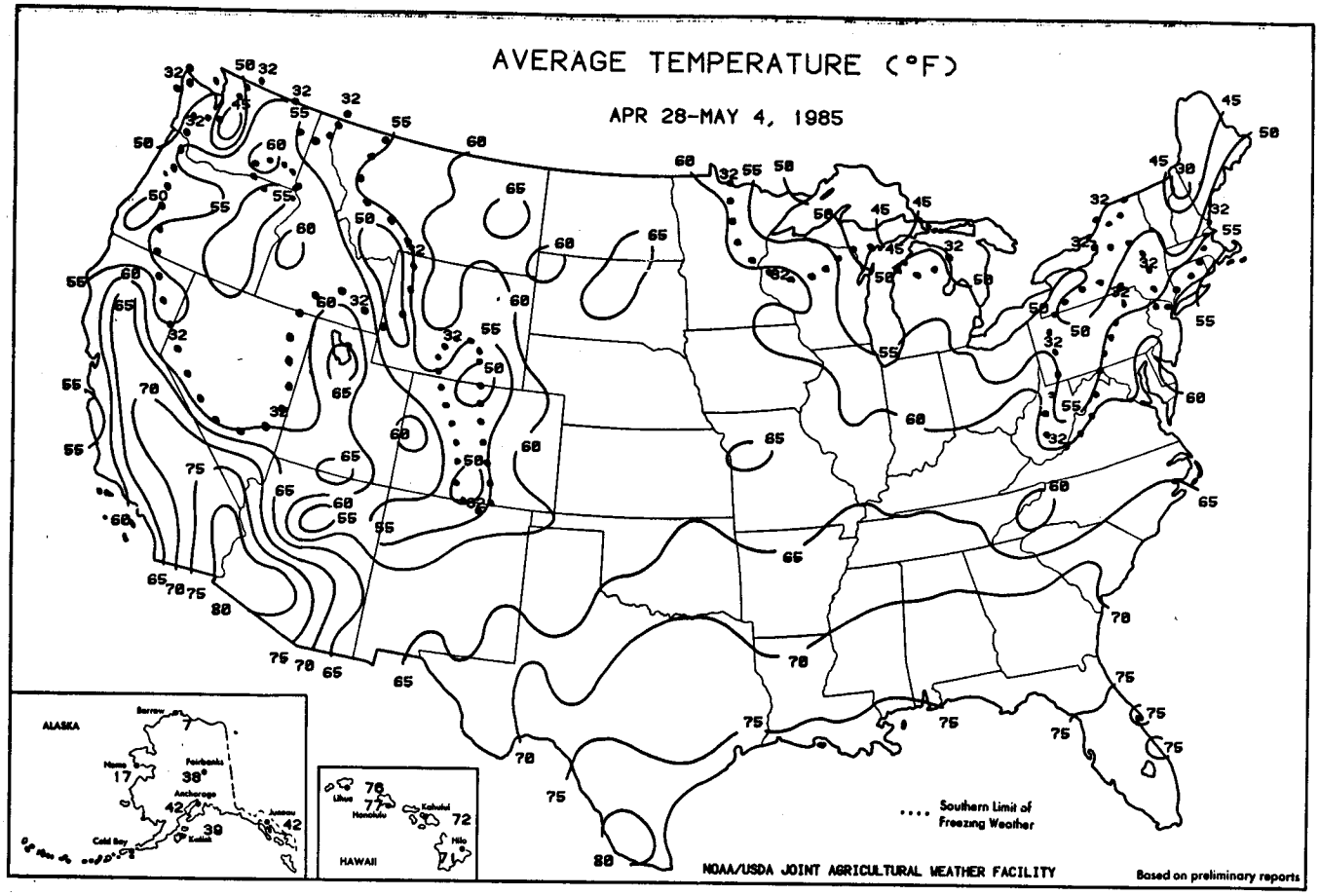
- SNOW
- RAIN
- RAINSHOWERS
- THUNDERSTORMS
- PRECIPITATION AREAS

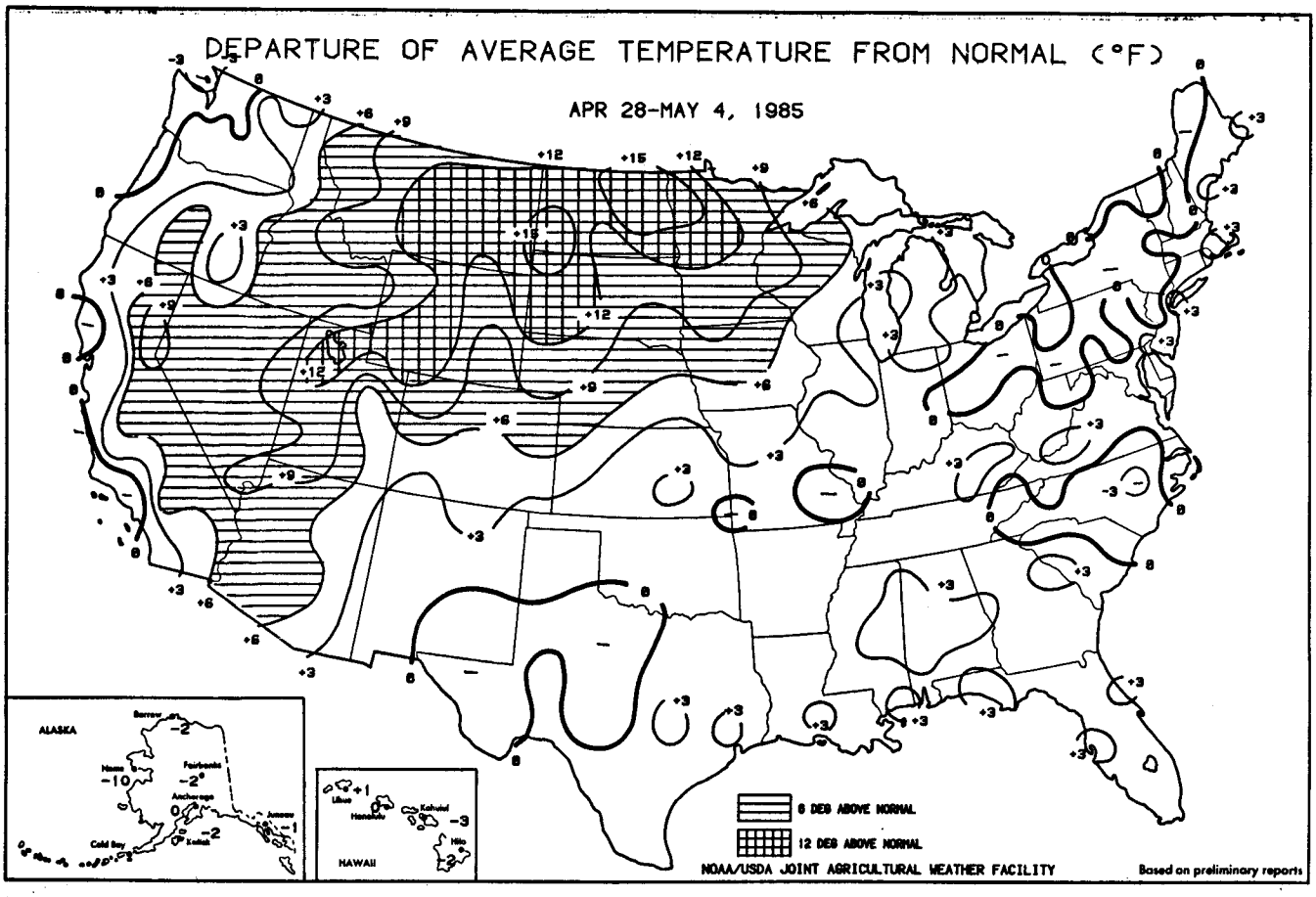

AVERAGE SOIL TEMPERATURE (4-INCH BARE)
APRIL 28 - MAY 4, 1985
COLD
WHEAT CAN DEVELOP
IRISH POTATOES CAN DEVEOP
COOL
CORN & SORGHUM CAN DEVELOP
MILD
COTTON, SOYBEANS, & TENDER VEGETABLES CAN DEVELOP
WARM
HOT
Based on preliminary reports

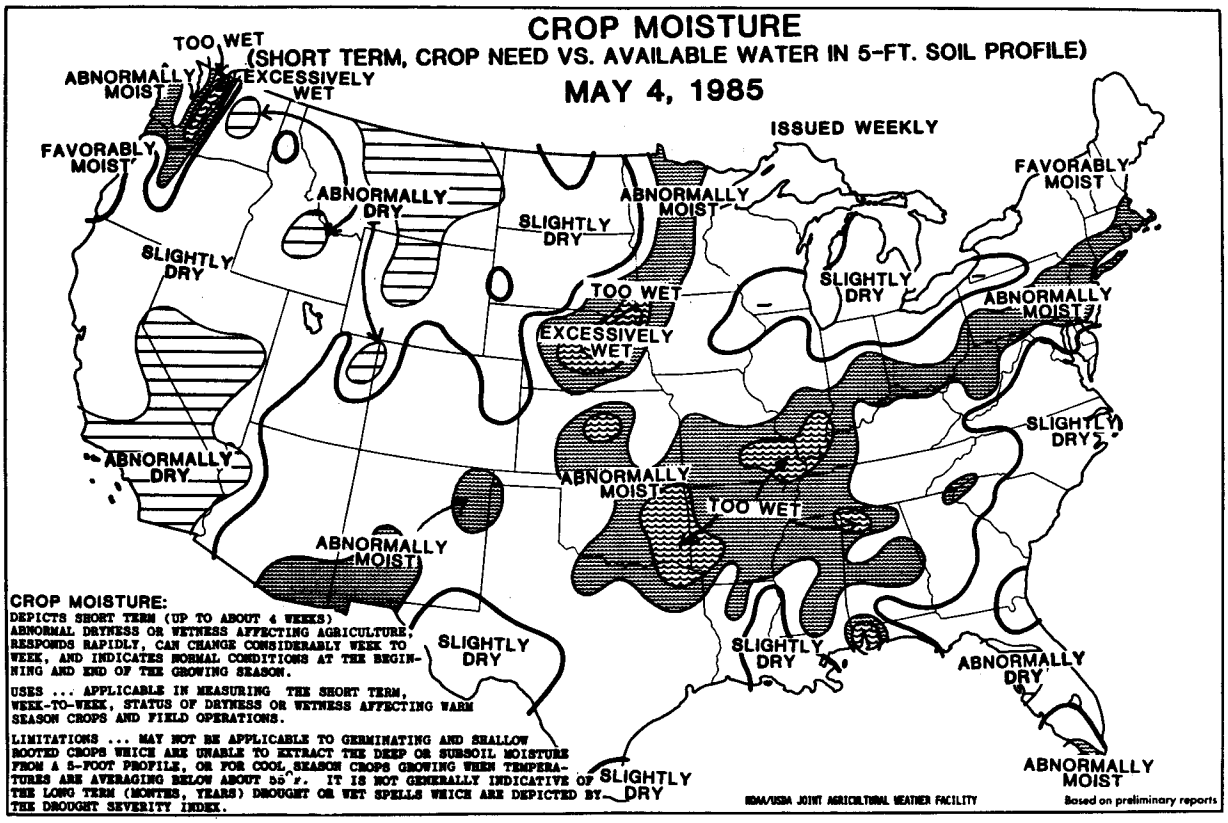

AVERAGE PAN EVAPORATION (INCHES/DAY)
(NWS STANDARD, 4-FOOT CLASS A)
APRIL 28 - MAY 4,1985
Based on preliminary reports

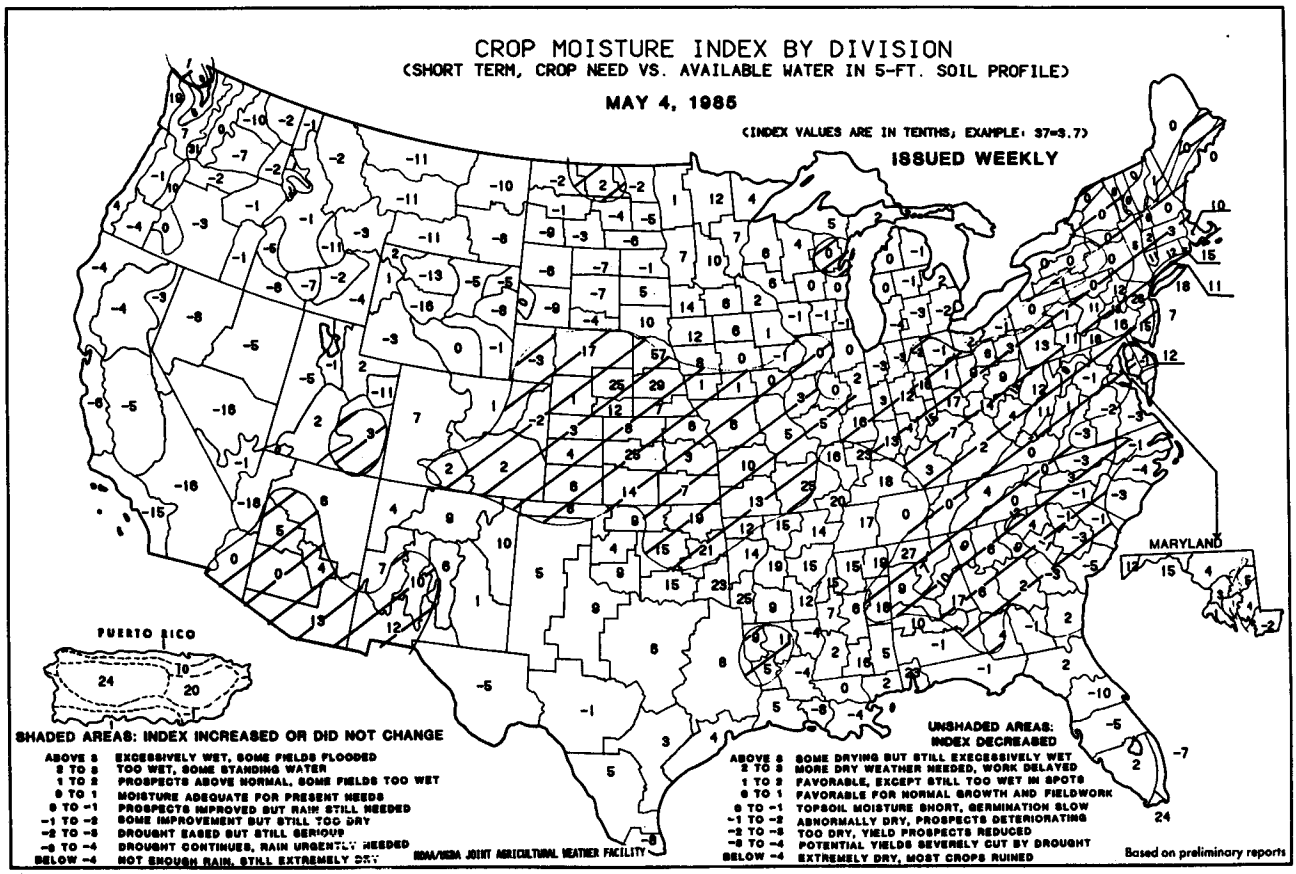

EXTREME MAXIMUM TEMPERATURE
APR 28-MAY 4, 1985
ALASKA
HAWAII
SHADED AREAS ABOVE 90 DEGREES
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

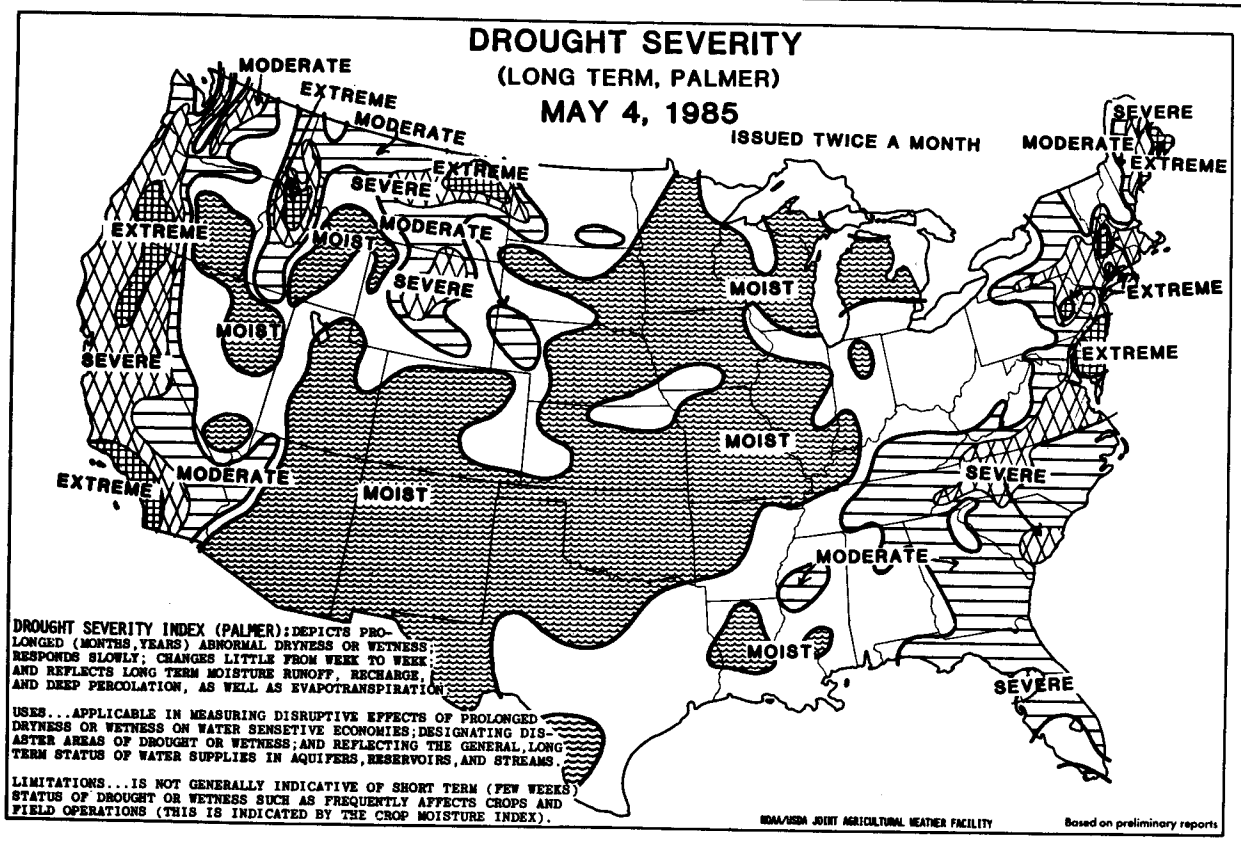

TOTAL GROWING DEGREE DAYS (CORN)
MARCH 1 - MAY 4, 1985
CORN
COMPUTED TO 50° F BASE WITH DAILY MAXIMUM TEMPERATURE LIMITED TO 86° F OR LESS AND DAILY MINIMUM TO 50° F OR MORE.
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

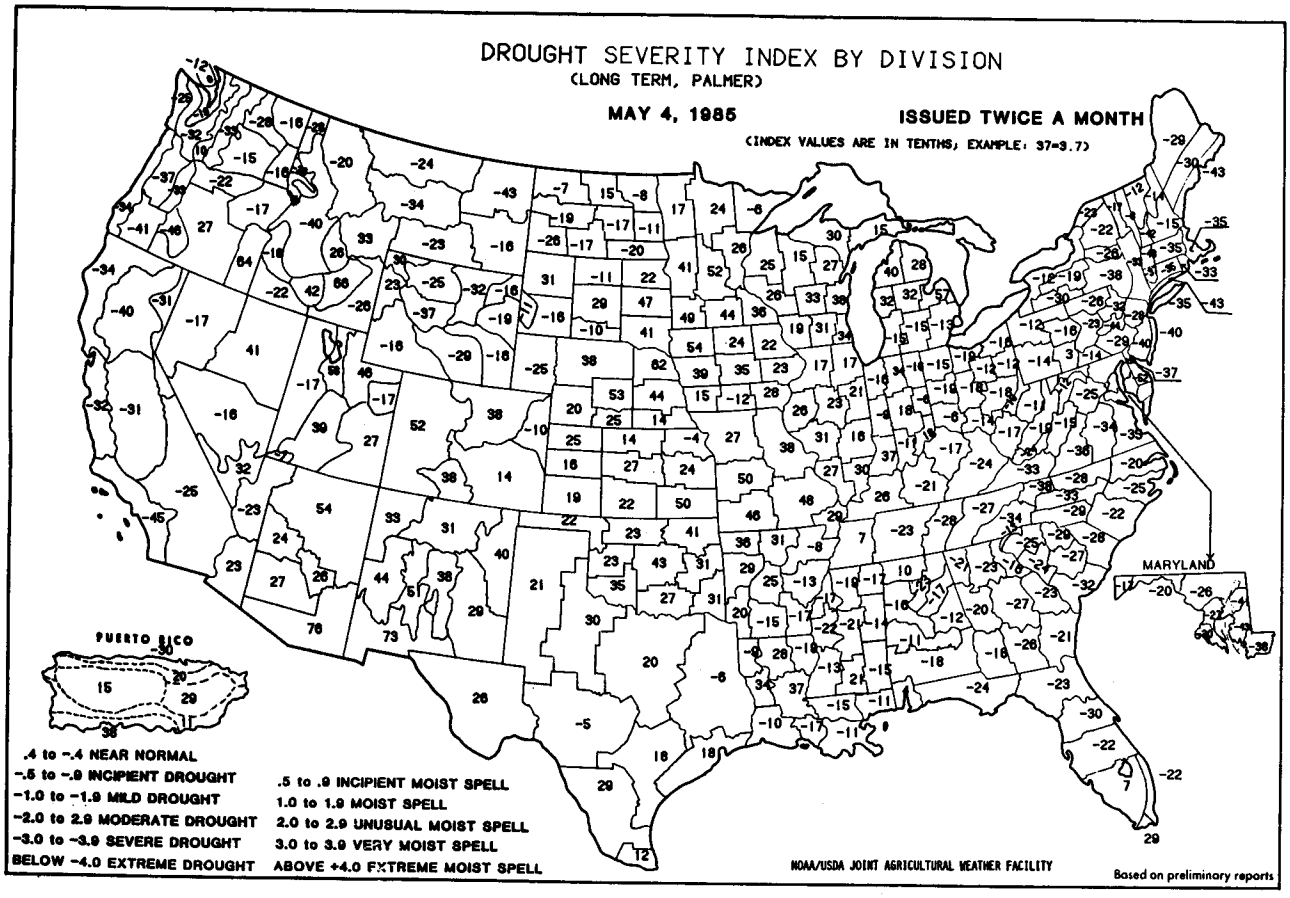

AVERAGE TEMPERATURE (°F)
APR 28-MAY 4, 1985
ALASKA
HAWAII
.... Southern Limit of Freezing Weather
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

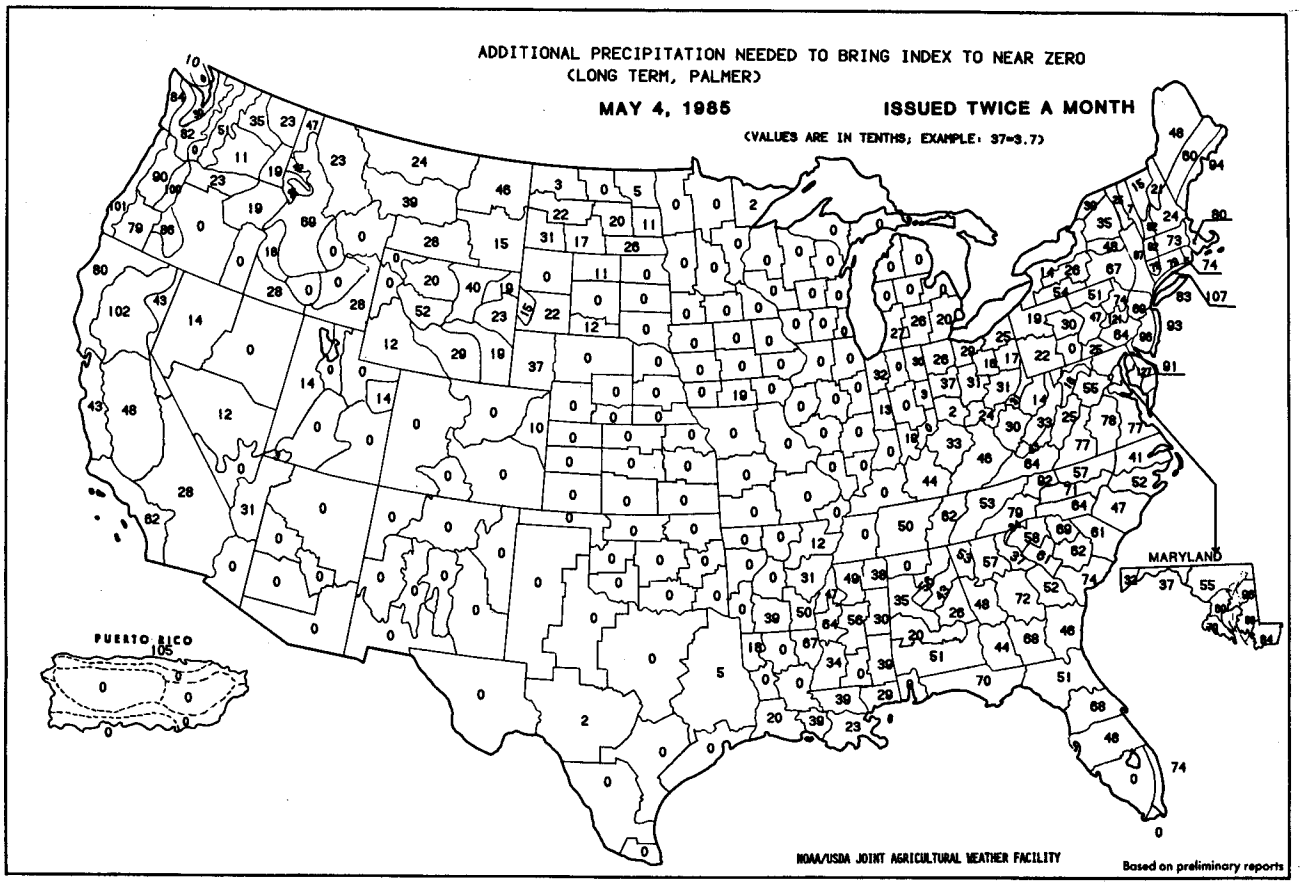

DEPARTURE OF AVERAGE TEMPERATURE FROM NORMAL (°F)
APR 28-MAY 4, 1985
ALASKA
HAWAII
6 DEG ABOVE NORMAL
12 DEG ABOVE NORMAL
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


CROP MOISTURE
(SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE)
MAY 4, 1985
ISSUED WEEKLY
TOO WET
ABNORMALLY MOIST
EXCESSIVELY WET
FAVORABLY MOIST
ABNORMALLY DRY
SLIGHTLY DRY
ABNORMALLY MOIST
SLIGHTLY DRY
TOO WET
EXCESSIVELY WET
SLIGHTLY DRY
FAVORABLY MOIST
ABNORMALLY MOIST
SLIGHTLY DRY
ABNORMALLY DRY
ABNORMALLY MOIST
TOO WET
ABNORMALLY MOIST
SLIGHTLY DRY
SLIGHTLY DRY
ABNORMALLY DRY
ABNORMALLY MOIST
SLIGHTLY DRY
CROP MOISTURE:
DEPICTS SHORT TERM (UP TO ABOUT 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK, AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.
USES ... APPLICABLE IN MEASURING THE SHORT TERM, WEEK-TO-WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS.
LIMITATIONS ... MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A 5-FOOT PROFILE, OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55°F. IT IS NOT GENERALLY INDICATIVE OF THE LONG TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


CROP MOISTURE INDEX BY DIVISION
(SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE)
MAY 4, 1985
(INDEX VALUES ARE IN TENTHS; EXAMPLE: 37=3.7)
ISSUED WEEKLY
MARYLAND
PUERTO RICO
SHADED AREAS: INDEX INCREASED OR DID NOT CHANGE
ABOVE 5 EXCESSIVELY WET, SOME FIELDS FLOODED
2 TO 5 TOO WET, SOME STANDING WATER
1 TO 2 PROSPECTS ABOVE NORMAL, SOME FIELDS TOO WET
0 TO 1 MOISTURE ADEQUATE FOR PRESENT NEEDS
0 TO -1 PROSPECTS IMPROVED BUT RAIN STILL NEEDED
-1 TO -2 SOME IMPROVEMENT BUT STILL TOO DRY
-2 TO -3 DROUGHT EASED BUT STILL SERIOUS
-3 TO -4 DROUGHT CONTINUES, RAIN URGENTLY NEEDED
BELOW -4 NOT ENOUGH RAIN, STILL EXTREMELY DRY
UNSHADED AREAS: INDEX DECREASED
ABOVE 5 SOME DRYING BUT STILL EXCESSIVELY WET
2 TO 5 MORE DRY WEATHER NEEDED, WORK DELAYED
1 TO 2 FAVORABLE, EXCEPT STILL TOO WET IN SPOTS
0 TO 1 FAVORABLE FOR NORMAL GROWTH AND FIELDWORK
0 TO -1 TOPSOIL MOISTURE SHORT, GERMINATION SLOW
-1 TO -2 ABNORMALLY DRY, PROSPECTS DETERIORATING
-2 TO -3 TOO DRY, YIELD PROSPECTS REDUCED
-3 TO -4 POTENTIAL YIELDS SEVERELY CUT BY DROUGHT
BELOW -4 EXTREMELY DRY, MOST CROPS RUINED
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


DROUGHT SEVERITY
(LONG TERM, PALMER)
MAY 4, 1985
ISSUED TWICE A MONTH
MODERATE
EXTREME
MODERATE
EXTREME
SEVERE
MODERATE
EXTREME
MOIST
SEVERE
MOIST
SEVERE
MOIST
MODERATE
EXTREME
MOIST
MOIST
SEVERE
MODERATE
MOIST
SEVERE
MODERATE
EXTREME
EXTREME
EXTREME
SEVERE
MODERATE
EXTREME
DROUGHT SEVERITY INDEX (PALMER): DEPICTS PROLONGED (MONTHS, YEARS) ABNORMAL DRYNESS OR WETNESS; RESPONDS SLOWLY; CHANGES LITTLE FROM WEEK TO WEEK; AND REFLECTS LONG TERM MOISTURE RUNOFF, RECHARGE, AND DEEP PERCOLATION, AS WELL AS EVAPOTRANSPIRATION.
USES...APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED DRYNESS OR WETNESS ON WATER SENSETIVE ECONOMIES; DESIGNATING DISASTER AREAS OF DROUGHT OR WETNESS; AND REFLECTING THE GENERAL, LONG TERM STATUS OF WATER SUPPLIES IN AQUIFERS, RESERVOIRS, AND STREAMS.
LIMITATIONS...IS NOT GENERALLY INDICATIVE OF SHORT TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


DROUGHT SEVERITY INDEX BY DIVISION
(LONG TERM, PALMER)
MAY 4, 1985
ISSUED TWICE A MONTH
(INDEX VALUES ARE IN TENTHS; EXAMPLE: 37=3.7)
MARYLAND
PUERTO RICO
.4 to -.4 NEAR NORMAL
-.5 to -.9 INCIPIENT DROUGHT
-1.0 to -1.9 MILD DROUGHT
-2.0 to 2.9 MODERATE DROUGHT
-3.0 to -3.9 SEVERE DROUGHT
BELOW -4.0 EXTREME DROUGHT
.5 to .9 INCIPIENT MOIST SPELL
1.0 to 1.9 MOIST SPELL
2.0 to 2.9 UNUSUAL MOIST SPELL
3.0 to 3.9 VERY MOIST SPELL
ABOVE +4.0 EXTREME MOIST SPELL
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


ADDITIONAL PRECIPITATION NEEDED TO BRING INDEX TO NEAR ZERO
(LONG TERM, PALMER)
MAY 4, 1985
ISSUED TWICE A MONTH
(VALUES ARE IN TENTHS; EXAMPLE: 37=3.7)
PUERTO RICO
MARYLAND
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

Weather Data for the Week Ending May 4, 1985

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR. 1	PCT. NORMAL SINCE MAR. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	79	59	86	53	69	3	2.5	1.5	1.8	6.6	54	16.5	74	98	49	0	0	3	2
MOBILE	82	63	89	56	73	1	1.4	.1	.9	8.1	64	19.5	88	91	56	0	0	2	2
MONTGOMERY	82	63	89	57	73	4	1.5	.6	1.5	6.9	63	19.2	98	93	54	0	0	1	1
AK ANCHORAGE	50	33	53	29	42	0	T	-.1	T	1.4	95	2.9	91	80	37	0	3	0	0
BARROW	13	1	23	-7	7	-2	T	0	T	.2	45	.3	38	88	65	0	7	1	0
FAIRBANKS	50	27	55	24	38	-2	0	-.1	0	.9	130	1.9	112	76	26	0	7	0	0
JUNEAU	48	36	59	31	42	-1	.4	-.3	.1	4.8	73	5.7	42	97	58	0	1	6	0
KODIAK	44	34	51	26	39	-2	.5	-1.2	.3	10.8	110	26.6	109	94	61	0	2	6	0
NOME	24	10	32	-3	17	-10	T	-.1	T	1.6	122	2.7	104	89	73	0	7	1	0
AZ PHOENIX	93	67	103	54	80	8	.1	0	.1	.6	57	1.8	75	51	16	5	0	1	0
PRESCOTT	75	46	82	38	60	7	.4	.3	.4	2.4	100	5.1	91	80	29	0	0	2	0
TUCSON	86	58	94	46	72	3	T	-.1	T	.7	63	3.4	136	59	20	4	0	1	0
YUMA	96	66	102	59	81	6	0	0	0	T	11	.3	30	51	17	6	0	0	0
AR FORT SMITH	77	58	82	50	68	2	1.1	0	.6	11.9	137	19.3	147	94	54	0	0	2	1
LITTLE ROCK	76	59	83	51	68	1	T	-1.2	T	11.0	101	17.4	95	89	56	0	0	1	0
CA BAKERSFIELD	85	53	92	48	69	2	0	-.1	0	.5	31	1.4	38	63	21	2	0	0	0
EUREKA	60	46	68	43	53	3	.1	-.4	0	5.2	63	9.5	47	91	67	0	0	2	0
FRESNO	87	55	94	50	71	7	0	-.2	0	1.9	65	3.0	45	65	18	3	0	0	0
LOS ANGELES	64	53	66	50	59	-3	0	-.1	0	.7	26	3.3	40	82	56	0	0	0	0
RED BLUFF	83	54	87	50	68	5	0	-.3	0	3.1	77	4.6	39	68	19	0	0	0	0
SACRAMENTO	80	50	87	47	65	3	0	-.2	0	2.0	58	4.2	40	91	30	0	0	0	0
SAN DIEGO	68	60	71	56	64	2	0	-.1	0	1.0	40	2.2	37	85	62	0	0	0	0
SAN FRANCISCO	68	49	76	47	58	2	T	-.2	T	3.4	80	6.5	53	91	50	0	0	0	0
CO DENVER	72	46	82	41	59	7	.9	.4	.6	3.3	99	4.6	102	78	32	0	0	2	1
GRAND JUNCTION	78	50	81	45	64	7	T	-.2	T	2.7	173	3.5	130	59	20	0	0	0	0
PUEBLO	74	45	87	40	59	3	.9	.6	.5	2.2	122	3.2	133	89	39	0	0	3	0
CT BRIDGEPORT	65	45	78	36	55	2	1.7	.9	.9	4.3	53	7.3	51	81	47	0	0	3	2
HARTFORD	68	41	85	28	55	0	1.0	.1	.9	4.5	52	7.0	45	76	31	0	1	3	1
DC WASHINGTON	75	52	86	46	63	2	.9	.2	.5	2.8	41	8.0	66	74	33	0	0	2	0
FL APALACHICOLA	82	65	89	61	74	2	1.0	.4	1.0	4.5	58	11.9	80	83	58	0	0	1	1
DAYTONA BEACH	85	66	92	62	76	3	1.1	.5	.7	5.3	95	6.6	60	86	47	2	0	2	1
JACKSONVILLE	82	63	91	58	73	2	1.5	.5	.9	4.9	65	7.4	52	90	52	1	0	4	1
KEY WEST	85	74	88	71	80	0	.1	-.4	.1	12.7	412	13.3	199	80	54	0	0	1	0
MIAMI	88	66	91	63	77	0	.6	-.4	.5	4.8	86	5.2	54	92	40	3	0	2	0
ORLANDO	85	65	90	62	75	0	.6	0	.3	6.7	116	8.9	84	96	48	1	0	4	0
TALLAHASSEE	85	62	92	56	74	3	T	-1.0	T	5.6	54	10.2	51	96	45	1	0	0	0
TAMPA	87	69	89	63	78	4	.1	-.4	.1	2.8	51	7.0	65	84	44	0	0	1	0
WEST PALM BEACH	86	67	91	63	76	1	1.0	0	.6	7.4	114	8.7	74	92	48	3	0	3	1
GA ATLANTA	76	60	83	53	68	2	2.7	1.7	1.9	6.7	61	15.8	78	86	51	0	0	3	2
AUGUSTA	82	57	91	47	70	2	.6	-.2	.3	2.8	32	12.7	76	96	40	1	0	2	0
MACON	80	60	88	53	70	1	1.5	.7	1.1	3.9	43	11.8	66	97	50	0	0	2	1
SAVANNAH	82	60	91	51	71	1	1.0	.2	.5	4.0	53	5.9	43	88	46	1	0	3	0
HI HILO	77	64	80	62	71	-2	4.3	1.6	2.4	36.0	128	54.3	106	94	66	0	0	5	3
HONOLULU	85	69	87	65	77	0	T	-.3	T	1.5	28	6.8	59	80	48	0	0	0	0
KAHULUI	81	63	83	57	72	-3	.2	0	.2	2.5	57	4.9	42	91	55	0	0	1	0
LIHUE	80	71	81	68	76	1	0	-.7	0	2.9	35	12.8	71	73	56	0	0	0	0
ID BOISE	76	45	88	29	61	8	T	-.3	T	1.9	80	2.7	53	70	19	0	1	0	0
LEWISTON	71	46	82	38	59	4	T	-.2	T	1.7	72	2.5	54	75	36	0	0	1	0
POCATELLO	76	41	86	32	59	9	.1	-.2	.1	1.9	84	3.5	81	64	18	0	1	1	0
IL CHICAGO	67	41	76	34	54	0	0	-.8	0	6.3	94	11.2	117	81	35	0	0	0	0
MOLINE	73	48	79	40	61	4	.4	-.6	.3	7.0	96	10.7	105	72	31	0	0	2	0
PEORIA	72	47	78	40	60	3	.5	-.5	.5	7.3	102	10.9	107	80	35	0	0	1	0
QUINCY	72	50	78	43	61	2	1.1	.1	.8	5.4	71	9.6	92	82	47	0	0	2	1
ROCKFORD	73	41	79	32	57	3	T	-.9	T	4.7	65	7.6	77	87	32	0	1	2	0
SPRINGFIELD	72	47	77	40	60	1	.8	0	.8	6.4	84	10.0	92	80	41	0	0	2	1
IN EVANSVILLE	73	52	78	44	62	1	1.5	.5	.8	10.8	117	16.8	111	88	51	0	0	3	2
FORT WAYNE	71	47	80	43	59	4	.3	-.5	.3	5.8	83	11.4	104	74	32	0	0	1	0
INDIANAPOLIS	69	47	76	40	58	0	2.2	1.3	1.9	10.7	138	15.8	122	88	43	0	0	2	1
SOUTH BEND	70	45	76	37	57	3	T	-.8	T	5.8	77	12.7	106	67	28	0	0	0	0
IA DES MOINES	74	51	80	43	63	6	T	-.8	T	3.6	61	6.2	78	80	37	0	0	1	0
SIOUX CITY	73	52	80	44	62	6	.2	-.5	.2	7.2	165	7.6	129	84	49	0	0	1	0
WATERLOO	75	45	83	39	60	6	0	-.8	0	4.3	69	6.1	76	75	31	0	0	0	0
KS CONCORDIA	70	51	78	42	60	2	.9	.2	.6	3.9	86	5.9	98	94	69	0	0	2	1
DODGE CITY	72	49	86	44	61	1	.6	0	.5	3.3	89	5.5	117	92	58	0	0	2	0
GOODLAND	71	48	85	44	60	6	.6	.2	.4	1.5	60	2.2	67	89	49	0	0	3	0
TOPEKA	72	52	76	43	62	2	1.4	.6	.7	6.6	116	9.3	122	95	60	0	0	3	2
WICHITA	73	55	77	45	64	3	.6	-.1	.3	3.9	83	6.3	100	89	55	0	0	2	0
KY BOWLING GREEN	73	54	79	45	63	1	.8	-.1	.8	6.6	65	10.9	59	96	60	0	0	4	1
LEXINGTON	71	52	78	45	62	2	.8	-.1	.5	6.8	73	9.9	61	85	51	0	0	3	1
LOUISVILLE	73	52	80	46	63	1	.6	-.4	.5	6.7	71	10.9	68	88	47	0	0	3	0
LA ALEXANDRIA	81	63	87	52	72	1	.8	-.6	.8	5.1	44	17.1	79	89	56	0	0	3	1
BATON ROUGE	82	64	88	54	73	1	T	-1.3	T	5.8	53	16.2	79	91	53	0	0	1	0
LAKE CHARLES	83	63	86	54	73	1	0	-1.1	0	4.8	62	15.0	94	97	52	0	0	0	0
NEW ORLEANS	83	65	87	55	74	2	T	-1.1	T	9.2	93	23.2	115	90	49	0	0	1	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending May 4, 1985

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR. 1	PCT. NORMAL SINCE MAR. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
SHREVEPORT	79	61	85	50	70	0	1.3	.2	.6	7.3	80	14.1	85	99	62	0	0	3	2
ME CARIBOU	53	35	60	28	44	0	.1	-.5	.1	3.6	66	7.3	74	77	37	0	2	1	0
PORTLAND	63	40	82	32	52	4	.3	-.5	.3	4.7	56	7.3	46	77	33	0	1	3	0
MD BALTIMORE	74	46	89	37	60	1	1.5	.7	.8	4.3	57	9.3	69	66	28	0	0	2	2
SALISBURY	71	46	83	36	59	0	.4	-.3	.4	3.3	43	9.0	63	93	44	0	0	2	0
MA BOSTON	65	46	84	39	56	2	1.6	.8	1.6	5.4	65	8.3	52	85	39	0	0	2	1
CHATHAM	58	44	66	39	51	3	3.2	2.3	2.5	9.0	107	12.6	74	--	--	0	0	3	2
MI ALPENA	63	33	79	30	48	2	.3	-.4	.3	5.7	118	10.1	129	94	33	0	3	1	0
DETROIT	66	41	74	33	53	0	T	-.7	T	6.5	108	13.0	135	74	33	0	0	0	0
FLINT	67	40	79	36	54	2	T	-.7	T	7.7	138	12.6	147	76	33	0	0	0	0
GRAND RAPIDS	69	42	75	36	55	3	0	-.7	0	6.7	104	11.9	120	76	25	0	0	0	0
HOUGHTON LAKE	67	39	74	34	53	5	.1	-.5	.1	6.1	127	9.7	128	80	25	0	0	2	0
LANSING	67	39	74	32	53	1	0	-.6	0	6.4	115	11.4	130	80	36	0	1	0	0
MARQUETTE	63	35	79	27	49	4	.3	-.6	.3	11.5	165	17.3	160	85	28	0	3	2	0
MUSKEGON	67	40	71	33	53	2	0	-.7	0	6.1	101	11.4	113	68	29	0	0	0	0
SAULT STE. MARIE	63	33	74	27	48	3	1.4	.8	1.4	8.5	177	13.9	160	87	33	0	3	1	1
MN ALEXANDRIA	74	49	78	42	62	12	T	-.6	T	4.3	116	5.3	102	76	32	0	0	0	0
DULUTH	69	39	79	31	54	9	.1	-.5	0	4.2	99	5.3	83	78	31	0	1	3	0
INT'L FALLS	70	41	79	32	56	10	.9	.5	.9	4.7	160	5.8	129	77	33	0	2	2	1
MINNEAPOLIS	75	51	83	41	63	10	.1	-.5	.1	6.3	155	7.7	133	71	33	0	0	1	0
ROCHESTER	73	45	78	38	59	7	T	-.7	T	4.3	93	5.5	90	79	35	0	0	1	0
MS GREENWOOD	79	61	85	50	70	2	.3	-.9	.2	5.8	46	12.6	57	97	57	0	0	2	0
JACKSON	81	62	87	50	72	3	.4	-.9	.3	6.8	55	18.3	84	94	56	0	0	3	0
MERIDIAN	82	63	86	51	72	4	T	-1.1	T	7.7	60	16.9	76	97	56	0	0	2	0
MO CAPE GIRARDEAU	74	56	80	48	65	--	2.2	1.1	1.9	15.3	150	21.4	133	97	57	0	0	3	1
COLUMBIA	73	50	77	44	61	1	1.6	.6	1.3	6.3	83	13.6	124	92	52	0	0	2	1
KANSAS CITY	73	54	76	45	64	3	1.6	.7	1.3	5.1	83	8.8	105	93	49	0	0	3	1
SAINT LOUIS	73	54	79	45	63	2	1.4	.6	1.3	10.2	139	14.5	129	87	50	0	0	2	1
SPRINGFIELD	73	54	76	45	63	2	1.5	.6	1.5	10.3	128	16.1	136	87	57	0	0	3	1
MT BILLINGS	78	48	90	44	63	13	T	-.5	T	2.3	72	3.0	61	60	16	1	0	0	0
GLASGOW	77	48	87	42	62	13	T	-.3	T	1.2	85	1.3	57	77	21	0	0	1	0
GREAT FALLS	76	43	86	37	59	11	T	-.4	T	1.4	51	1.9	43	70	20	0	0	1	0
HAVRE	76	43	86	35	60	10	T	-.3	T	1.9	108	2.3	82	77	18	0	0	1	0
HELENA	73	41	83	34	57	9	.2	-.1	.1	1.0	51	1.5	50	71	21	0	0	2	0
KALISPELL	69	39	79	27	54	6	T	-.3	T	1.3	63	2.9	60	68	29	0	1	0	0
MILES CITY	81	50	90	43	65	14	T	-.4	T	1.8	82	2.0	61	70	24	1	0	0	0
MISSOULA	73	40	84	35	56	8	T	-.3	T	1.0	50	1.9	45	85	26	0	0	1	0
NE GRAND ISLAND	71	51	80	45	61	5	1.4	.7	1.2	5.5	119	6.0	100	91	56	0	0	2	1
LINCOLN	72	50	80	37	61	4	1.2	.4	.7	4.8	93	5.7	84	95	59	0	0	2	2
NORFOLK	73	51	80	41	62	7	.5	-.2	.4	7.0	168	7.4	135	90	54	0	0	2	0
NORTH PLATTE	73	46	85	37	60	6	1.5	.9	1.3	3.5	106	4.2	98	89	42	0	0	3	1
OMAHA	72	53	80	45	63	6	.4	-.4	.4	4.1	79	5.2	75	85	55	0	0	1	0
SCOTTSBLUFF	78	47	88	36	62	10	.2	-.3	.1	1.6	59	2.4	69	79	29	0	0	2	0
VALENTINE	79	47	87	37	63	11	T	-.6	T	2.1	71	2.7	71	73	29	0	0	1	0
NV ELY	76	37	82	30	56	11	0	-.2	0	1.2	62	2.1	62	67	18	0	2	0	0
LAS VEGAS	92	62	98	53	77	9	0	-.1	0	.4	55	.6	38	36	13	5	0	0	0
RENO	76	40	84	31	58	8	0	-.1	0	1.1	82	2.0	57	82	15	0	1	0	0
WINNEMUCCA	78	33	87	28	56	6	0	-.2	0	.9	58	2.4	75	64	11	0	3	0	0
NH CONCORD	64	34	82	26	49	-1	.3	-.4	.3	4.2	66	7.1	61	88	30	0	2	2	0
NJ ATLANTIC CITY	71	45	88	37	58	2	1.1	.4	.8	4.5	58	8.2	57	86	35	0	0	2	1
NM ALBUQUERQUE	72	48	78	42	60	1	1.4	1.3	1.2	2.6	270	3.6	200	89	37	0	0	3	1
CLOVIS	73	50	83	45	61	0	1.6	1.3	1.6	4.1	247	5.6	207	77	37	0	0	1	1
ROSWELL	78	53	86	45	66	-1	1.1	1.0	1.1	3.2	439	3.5	292	83	30	0	0	1	1
NY ALBANY	65	40	82	28	53	0	.1	-.6	.1	4.9	77	6.9	63	76	29	0	2	1	0
BINGHAMTON	62	41	81	33	51	1	T	-.7	T	4.6	72	7.2	64	72	34	0	0	1	0
BUFFALO	62	41	70	37	51	0	.1	-.6	.1	5.8	89	13.3	112	77	32	0	0	2	0
NEW YORK	69	49	84	44	59	2	2.0	1.2	1.3	5.2	62	7.8	54	77	39	0	0	3	2
ROCHESTER	62	38	77	33	50	-2	.1	-.5	.1	4.8	87	9.1	90	83	36	0	0	1	0
SYRACUSE	63	38	78	34	50	-2	.1	-.7	.1	3.8	55	7.8	64	87	39	0	0	2	0
NC ASHEVILLE	72	45	77	37	59	-1	.1	-.8	.1	3.6	38	11.4	69	97	44	0	0	1	0
CHARLOTTE	75	53	85	44	64	-1	1.1	.3	.8	3.6	42	12.8	79	89	39	0	0	2	1
GREENSBORO	75	49	84	39	62	-1	.6	-.2	.4	2.2	30	10.4	73	88	33	0	0	2	0
HATTERAS	73	55	80	46	64	1	.9	.1	.9	3.9	51	13.9	84	95	54	0	0	1	1
NEW BERN	81	55	89	47	68	2	.7	-.1	.7	4.7	66	12.2	81	88	47	0	0	1	1
RALEIGH	75	50	83	39	62	-1	1.4	.7	.9	3.1	44	12.3	88	82	36	0	0	2	1
WILMINGTON	78	54	87	46	66	-1	.4	-.4	.3	2.7	36	9.8	68	91	44	0	0	2	0
ND BISMARCK	78	44	89	38	61	11	T	-.4	T	2.6	106	2.9	85	77	21	0	0	1	0
FARGO	80	47	89	33	63	14	T	-.5	T	1.9	63	2.3	58	66	25	0	0	0	0
GRAND FORKS	83	47	95	33	65	17	T	-.4	T	1.9	82	2.6	72	69	23	2	0	0	0
WILLISTON	75	47	87	42	61	12	T	-.4	T	2.6	126	3.0	97	61	23	0	0	0	0
OH AKRON-CANTON	66	41	78	36	54	-1	.9	.2	.5	7.0	99	10.1	86	85	42	0	0	2	1
CINCINNATI	71	50	80	41	60	2	3.2	2.3	2.4	11.4	142	15.3	111	85	45	0	0	2	2
CLEVELAND	63	41	75	35	52	-1	.2	-.6	.1	6.4	95	10.8	95	82	37	0	0	2	0
COLUMBUS	69	44	81	37	57	0	2.0	1.1	1.0	6.4	90	9.4	78	80	41	0	0	2	2

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending May 4, 1985

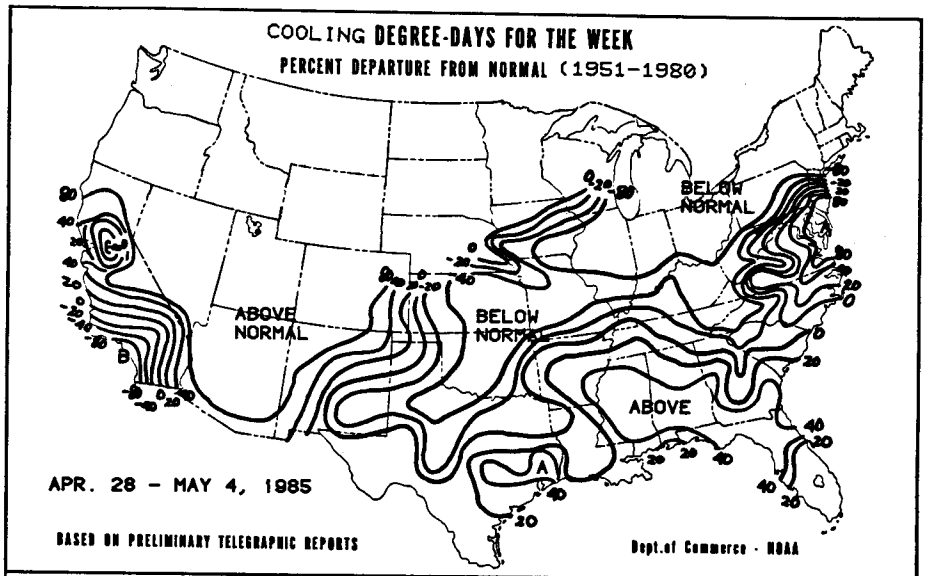
STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR. 1	PCT. NORMAL SINCE MAR. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	67	45	78	39	56	-1	2.6	1.8	1.9	9.1	130	12.9	111	72	38	0	0	2	2
TOLEDO	67	40	78	34	54	0	T	-.6	T	7.1	118	12.3	126	78	37	0	0	1	0
YOUNGSTOWN	65	40	79	34	52	0	.3	-.5	.2	7.6	106	9.7	80	89	40	0	0	3	0
OK OKLAHOMA CITY	73	57	79	51	65	1	2.2	1.2	2.2	12.0	214	16.6	210	91	56	0	0	1	1
TULSA	75	57	79	49	66	1	1.0	-.1	.7	11.0	139	17.9	163	94	53	0	0	2	1
OR ASTORIA	58	40	62	32	49	-1	.7	-.1	.2	10.6	86	15.3	49	97	60	0	1	4	0
BURNS	67	42	76	27	55	7	0	-.1	0	1.2	119	1.9	100	—	—	0	1	0	0
MEDFORD	74	42	82	31	58	4	T	-.3	T	1.6	52	3.4	40	90	27	0	1	1	0
PENDLETON	68	44	79	37	56	2	.1	-.1	.1	1.5	71	3.3	66	77	35	0	0	1	0
PORTLAND	67	45	76	40	56	3	.1	-.4	.1	4.2	67	6.0	37	89	41	0	0	2	0
SALEM	65	39	75	32	52	0	.2	-.3	.1	4.9	69	8.5	46	93	44	0	1	2	0
PA ALLENTOWN	69	43	84	38	56	1	3.1	2.2	1.7	5.2	62	8.3	56	73	32	0	0	3	2
ERIE	60	41	68	35	50	0	T	-.8	T	6.7	98	12.0	104	84	43	0	0	1	0
HARRISBURG	71	48	85	43	60	3	2.4	1.7	1.6	5.9	83	9.9	77	78	36	0	0	3	2
PHILADELPHIA	71	46	85	40	59	1	2.2	1.5	1.1	4.7	61	8.7	64	78	33	0	0	2	2
PITTSBURGH	68	43	82	34	56	0	2.0	1.2	1.7	6.9	95	9.8	78	89	42	0	0	3	1
SCRANTON	65	41	81	33	53	-1	1.4	.7	.9	5.6	93	7.8	75	79	39	0	0	4	1
RI PROVIDENCE	68	44	85	35	56	3	2.5	1.6	1.8	7.4	84	10.2	62	78	34	0	0	3	2
SC CHARLESTON	80	59	91	50	69	1	1.1	.5	.6	3.2	43	6.7	48	89	48	1	0	3	1
COLUMBIA	80	56	87	48	68	0	1.2	.4	1.0	3.0	33	13.4	76	93	40	0	0	2	1
FLORENCE	79	54	91	47	67	-1	.8	.2	.7	1.9	25	8.9	62	95	36	1	0	2	1
GREENVILLE	75	54	83	45	64	0	.9	0	.9	3.3	31	12.6	65	92	42	0	0	3	1
SD ABERDEEN	80	48	86	35	64	12	.1	-.4	.1	2.5	76	2.7	63	85	30	0	0	1	0
HURON	76	47	84	37	62	10	T	-.5	T	5.4	154	5.9	126	83	37	0	0	1	0
RAPID CITY	80	46	91	39	63	12	0	-.5	0	1.8	56	2.3	53	62	19	1	0	0	0
SIOUX FALLS	74	49	80	38	62	9	T	-.6	T	7.5	175	8.0	140	82	48	0	0	0	0
TN CHATTANOOGA	74	57	82	48	66	1	1.9	.9	1.0	6.8	59	15.2	71	89	50	0	0	3	2
KNOXVILLE	74	52	80	44	63	0	.8	0	.5	5.1	52	12.4	66	99	54	0	0	3	1
MEMPHIS	77	61	85	52	69	2	1.0	-.3	.9	11.6	97	19.5	93	96	61	0	0	2	1
NASHVILLE	75	56	80	47	65	1	.8	-.2	.6	6.4	60	12.7	66	93	59	0	0	3	1
TX ABILENE	79	58	85	53	68	-1	.3	-.4	.3	3.8	98	5.8	100	86	39	0	0	1	0
AMARILLO	74	50	87	45	62	1	2.1	1.7	2.0	4.3	194	6.0	188	86	43	0	0	2	1
AUSTIN	83	66	85	59	75	3	.3	-.6	.2	4.2	79	7.7	82	88	49	0	0	3	0
BEAUMONT	85	66	89	57	75	3	0	-1.1	0	5.9	77	16.2	105	98	56	0	0	0	0
BROWNSVILLE	88	70	93	60	79	2	.1	-.3	.1	2.4	102	4.4	86	89	48	1	0	2	0
CORPUS CHRISTI	84	68	89	59	76	1	.1	-.5	.1	5.4	168	10.9	170	95	55	0	0	1	0
DEL RIO	86	65	89	59	75	0	.6	.1	.5	3.4	122	5.0	119	84	36	0	0	2	1
EL PASO	81	52	89	45	67	-1	T	0	T	.7	129	1.8	138	77	23	0	0	1	0
FORT WORTH	79	62	82	55	70	0	.4	-.6	.3	7.5	113	10.9	107	89	53	0	0	2	0
GALVESTON	79	70	84	67	75	2	T	-.7	T	6.8	133	15.1	145	85	59	0	0	0	0
HOUSTON	83	66	86	56	75	3	0	-1.1	0	8.9	117	16.3	116	86	47	0	0	0	0
LUBBOCK	78	49	90	46	64	-1	.1	-.3	.1	1.6	74	2.3	72	90	39	1	0	1	0
MIDLAND	85	54	91	49	70	2	0	-.4	0	.8	54	2.3	88	68	21	1	0	0	0
SAN ANGELO	85	54	88	47	70	-1	.2	-.3	.2	2.1	73	3.2	74	91	29	0	0	2	0
SAN ANTONIO	83	65	85	56	74	1	.2	-.6	.2	6.1	136	10.7	135	90	49	0	0	1	0
VICTORIA	84	68	87	61	76	2	.8	-.1	.8	14.8	334	20.2	235	94	57	0	0	1	1
WACO	82	61	85	55	72	1	.6	-.5	.5	6.0	93	8.6	84	93	53	0	0	2	0
WICHITA FALLS	77	56	80	53	67	-1	2.8	1.9	1.7	9.9	185	13.6	186	92	49	0	0	2	2
UT BLANDING	73	46	80	41	59	7	.2	.1	.2	3.6	233	5.2	137	79	30	0	0	1	0
CEDAR CITY	77	46	82	38	62	10	0	-.2	0	3.0	137	4.0	111	70	22	0	0	0	0
SALT LAKE CITY	80	52	88	43	66	12	T	-.4	T	2.5	59	4.2	61	55	19	0	0	0	0
VT BURLINGTON	63	36	80	30	49	0	.2	-.5	.1	4.5	84	7.2	81	78	26	0	2	3	0
VA NORFOLK	74	53	85	44	63	1	.8	0	.8	3.2	45	10.8	76	88	42	0	0	1	1
RICHMOND	77	48	89	41	63	0	.8	.1	.5	3.3	48	10.1	76	86	33	0	0	2	0
ROANOKE	77	51	85	39	64	3	.5	-.3	.5	4.1	56	10.2	77	79	30	0	0	2	0
WA COLVILLE	66	40	78	33	53	3	.4	.1	.3	1.8	73	4.1	67	68	39	0	0	2	0
QUILLAYUTE	60	37	70	31	48	0	.9	-.4	.5	16.2	85	24.3	52	99	53	0	2	4	0
SEATTLE-TACOMA	60	42	68	38	51	-1	.2	-.2	.2	4.0	65	7.3	44	85	43	0	0	2	0
SPOKANE	66	41	78	32	54	3	.3	0	.2	1.9	73	3.2	48	81	33	0	1	2	0
YAKIMA	71	38	81	30	55	1	T	0	T	.7	55	1.4	41	72	26	0	3	2	0
WV BECKLEY	70	46	80	31	58	2	.8	0	.8	3.9	47	8.2	55	85	38	0	1	2	1
CHARLESTON	75	49	87	37	62	2	1.2	.4	1.0	7.1	88	12.4	85	84	35	0	0	2	1
HUNTINGTON	73	49	84	38	61	1	1.2	.4	1.2	5.5	68	11.5	82	95	42	0	0	3	1
PARKERSBURG	73	49	85	39	61	3	2.4	1.5	2.3	8.1	104	11.6	80	85	35	0	0	2	1
WI GREEN BAY	68	41	77	34	54	4	.1	-.6	0	5.0	100	8.5	118	76	29	0	0	2	0
LA CROSSE	74	45	81	35	60	6	T	-.8	T	5.5	101	7.7	105	67	24	0	0	0	0
MADISON	71	40	77	31	55	3	T	-.8	T	4.7	82	8.0	103	69	31	0	2	0	0
MILWAUKEE	64	40	78	37	52	2	0	-.7	0	6.0	94	10.2	110	78	40	0	0	0	0
WAUSAU	71	43	77	34	57	7	T	-.7	T	4.8	92	6.0	85	77	28	0	0	1	0
WY CASPER	73	41	80	35	57	10	T	-.5	T	1.8	63	3.2	84	76	21	0	0	0	0
CHEYENNE	68	41	77	35	54	7	.4	0	.4	1.4	57	2.2	67	90	40	0	0	1	0
LANDER	75	47	83	36	61	13	T	-.6	T	1.3	35	2.0	42	56	17	0	0	0	0
SHERIDAN	75	41	87	34	58	10	0	-.5	0	1.5	46	2.6	54	67	22	0	0	0	0
PR SAN JUAN	86	72	87	69	79	-1	1.3	.1	1.1	4.0	61	9.2	79	85	58	0	0	2	1

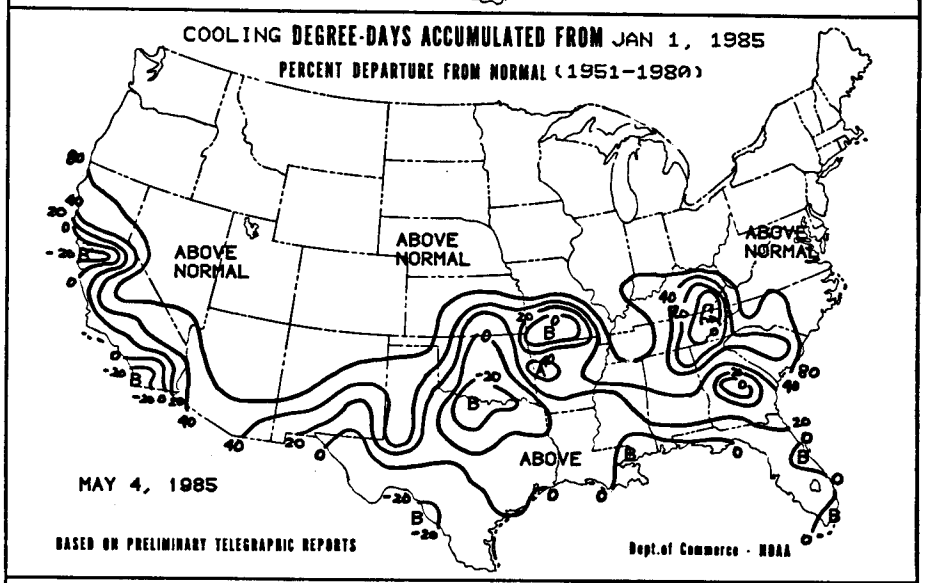
BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

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

LAST DATE OF DATA COLLECTION PERIOD IS 5- 4-1985
ACCUMULATIONS ARE FROM JANUARY 1
** = NORMAL LESS THAN 100 OR RATIO INCALCULABLE

STATE CITY	CALL	WEEK TOTAL	WEEK DEV FROM NORM	WEEK DEV FROM L YR	CUM TOTAL	CUM DEV FROM NORM	CUM DEV FROM L YR	CUM DEV FROM NORM PRCT	CUM DEV FROM L YR PRCT
AL BIRMINGHAM	BHM	32	7	13	130	42	86	**	**
AL MOBILE	MOB	55	9	-9	239	10	88	4	58
AL MONTGOMERY	MGM	55	20	8	198	48	76	32	62
AK ANCHORAGE	ANC	0	0	0	0	0	0	**	**
AK BARROW	BRW	0	0	0	0	0	0	**	**
AK FAIRBANKS	FAI	0	0	0	0	0	0	**	**
AK JUNEAU	JNU	0	0	0	0	0	0	**	**
AK KODIAK	ADQ	0	0	0	0	0	0	**	**
AK NOME	OME	0	0	0	0	0	0	**	**
AZ FLAGSTAFF	FLG	0	0	0	0	0	0	**	**
AZ PHOENIX	PHX	111	57	59	463	216	117	87	34
AZ PRESCOTT	PRC	1	1	1	1	1	1	**	**
AZ TUCSON	TUS	62	28	40	224	85	118	61	111
AZ WINSLOW	INW	6	4	0	6	4	3	**	**
AZ YUMA	YUM	111	45	60	511	140	121	38	31
AR FORT SMITH	FSM	22	2	21	86	25	59	**	**
AR LITTLE ROCK	LRI	27	6	17	110	30	64	**	**
CA BAKERSFIELD	BFL	31	3	29	124	30	103	**	**
CA EUREKA	EKA	0	0	0	13	13	13	**	**
CA FRESNO	FAT	43	24	32	137	85	96	**	**
CA LOS ANGELES	LAX	0	-4	-1	43	2	15	**	**
CA RED BLUFF	RBL	25	9	25	95	42	84	**	**
CA SACRAMENTO	SAC	7	-1	6	28	-1	18	**	**
CA SAN DIEGO	SAN	0	-4	-10	29	-13	-51	**	**
CA SAN FRANCISCO	SFO	0	0	0	6	6	2	**	**
CA STOCKTON	SCK	6	-4	5	24	-9	19	**	**
CO DENVER	DEN	3	3	3	5	5	5	**	**
CO GRAND JUNCTION	GJT	5	5	5	9	9	9	**	**
CO PUEBLO	PUB	5	5	5	7	7	7	**	**
CT BRIDGEPORT	BDR	1	1	1	6	6	6	**	**
CT HARTFORD	BDL	2	2	2	5	5	5	**	**
DE WILMINGTON	ILG	6	6	6	55	55	55	**	**
DC WASHINGTON	DCA	11	4	8	83	71	79	**	**
FL APALACHICOLA	AQQ	64	19	-2	199	-9	77	-4	63
FL DAYTONA BEACH	DAB	76	24	3	396	40	161	11	69
FL FORT MEYER	FMY	88	14	-8	721	84	191	13	36
FL JACKSONVILLE	JAX	53	11	-28	266	56	65	27	32
FL KEY WEST	EYW	104	5	-8	1056	-14	82	-1	8
FL MIAMI	MIA	86	2	2	793	-67	52	-8	7
FL ORLANDO	MCO	71	3	-18	463	-62	116	-12	33
FL TALLAHASSEE	TLH	60	21	-24	234	21	76	10	48
FL TAMPA	TPA	93	27	-5	569	70	146	14	35
FL WEST PALM BEACH	PBI	81	5	-6	718	27	130	4	22
GA ATLANTA	ATL	25	6	10	110	54	84	**	**
GA AUGUSTA	AGS	37	13	-1	158	80	95	**	**
GA MACON	MCN	37	2	-23	134	-7	17	-5	15
GA SAVANNAH	SAV	47	12	-26	237	74	89	45	60
HI HILO-HAWAII	ITO	41	-15	-19	645	-185	-347	-22	-35
HI HONOLULU-OAHU	HNL	85	3	-5	1111	-6	-235	-1	-17
HI KAHULUI-MAUI	OGG	50	-20	-41	865	-86	-408	-9	-32
HI LIHUE-KAUAI	LIH	74	9	-16	977	83	-285	9	-23
ID BOISE	BOI	8	8	8	10	10	10	**	**
ID LEWISTON	LWS	5	5	5	5	5	2	**	**
ID POCATELLO	PIH	4	4	4	4	4	4	**	**
IL CHICAGO	ORD	0	0	0	53	53	48	**	**
IL MOLINE	MLI	0	-2	0	64	62	55	**	**
IL PEORIA	PIA	0	-4	0	51	47	39	**	**
IL QUINCY	UIN	3	-1	3	63	59	53	**	**
IL ROCKFORD	RFD	0	-2	0	47	45	44	**	**
IL SPRINGFIELD	SPI	0	-8	0	61	50	45	**	**
IN EVANSVILLE	EVV	4	-5	-1	53	18	37	**	**
IN FORT WAYNE	FWA	0	-4	0	50	46	45	**	**
IN INDIANAPOLIS	IND	0	-4	0	41	37	36	**	**
IN SOUTH BEND	SBN	0	-2	0	52	50	47	**	**
IA DES MOINES	DSM	1	-1	1	47	45	39	**	**
IA DUBUQUE	DBQ	0	0	0	46	46	43	**	**
IA SIOUX CITY	SUX	5	3	5	40	38	36	**	**
IA WATERLOO	ALO	5	5	5	46	46	43	**	**
KS CONCORDIA	CNK	1	-3	1	17	13	17	**	**
KS DODGE CITY	DDC	5	-2	5	25	11	25	**	**
KS GOODLAND	GLD	5	5	5	11	11	11	**	**
KS TOPEKA	TOP	1	-7	1	46	26	32	**	**
KS WICHITA	ICT	3	-4	3	37	1	31	**	**
KY BOWLING GREEN	BWG	6	-7	1	46	5	34	**	**
KY LEXINGTON	LEX	4	-5	-1	44	8	27	**	**
KY LOUISVILLE	SDF	7	-3	-1	59	21	39	**	**
LA ALEXANDRIA	AEX	54	14	-10	220	8	45	4	26
LA BATON ROUGE	BTR	56	9	-16	253	13	29	5	13
LA LAKE CHARLES	LCH	56	9	-29	274	31	-14	13	-5
LA NEW ORLEANS	MSY	65	16	-18	270	-16	68	-6	34
LA SHREVEPORT	SHV	35	-4	-7	180	5	39	3	28
ME CARIBOU	CAR	0	0	0	0	0	0	**	**
ME PORTLAND	PWM	0	0	0	0	0	0	**	**
MD BALTIMORE	BWI	7	3	7	58	54	58	**	**
MD SALISBURY	SBY	4	3	3	63	62	63	**	**
MA BOSTON	BOS	2	2	-1	6	6	3	**	**
MA CHATHAM	CHH	0	0	0	0	0	0	**	**
MI ALPENA	APN	0	0	0	14	14	14	**	**
MI DETROIT	DTW	0	0	0	23	23	22	**	**
MI FLINT	FNT	0	0	0	28	28	28	**	**
MI GRAND RAPIDS	GRR	0	-2	0	36	34	29	**	**
MI HOUGHTON LAKE	HTL	0	0	0	22	22	22	**	**
MI LANSING	LAN	0	-2	0	32	30	27	**	**
MI MARQUETTE	MQT	0	0	0	5	5	5	**	**
MI MUSKEGON	MKG	0	0	0	29	29	28	**	**
MI SAULT ST MARIE	SSM	0	0	0	0	0	0	**	**
MN ALEXANDRIA	AXN	5	5	5	7	7	7	**	**
MN DULUTH	DLH	0	0	0	0	0	0	**	**
MN INT'L FALLS	INL	0	0	0	0	0	0	**	**
MN MINNEAPOLIS	MSP	9	8	9	31	30	31	**	**
MN ROCHESTER	RST	2	1	2	28	27	28	**	**
MN SAINT CLOUD	STC	5	5	5	14	14	14	**	**
MS GREENWOOD	GWO	41	9	8	168	18	60	12	56
MS JACKSON	JAN	50	15	2	178	9	36	5	25
MS MERIDIAN	MEI	53	22	20	183	37	99	25	118
MO CAPE GIRARDEAU	CGI	14	-1	5	75	41	49	**	**
MO COLUMBIA	COU	3	-5	3	53	33	38	**	**
MO KANSAS CITY	MCI	5	-2	5	49	29	40	**	**
MO SAINT LOUIS	STL	6	-7	5	84	61	60	**	**
MO SPRINGFIELD	SGF	4	-4	4	35	-4	21	**	**
MT BILLINGS	BIL	11	11	11	11	11	11	**	**
MT GLASGOW	GGW	8	8	8	8	8	8	**	**
MT GREAT FALLS	GTF	3	3	3	3	3	-2	**	**
MT HAVRE	HVR	7	7	7	7	7	7	**	**
MT HELENA	HLN	0	0	0	0	0	0	**	**
MT KALISPELL	FCA	0	0	0	0	0	0	**	**
MT MILES CITY	MLS	17	17	17	17	17	17	**	**
MT MISSOULA	MSO	0	0	0	0	0	0	**	**
NE GRAND ISLAND	GRI	3	2	3	36	35	34	**	**
NE LINCOLN	LNK	3	1	3	33	31	28	**	**
NE NORFOLK	OFK	4	4	4	38	38	36	**	**
NE NORTH PLATTE	LBF	3	3	3	17	17	17	**	**
NE OMAHA	OMA	3	-4	3	42	29	37	**	**
NE SCOTTSBLUFF	BFF	10	10	10	13	13	13	**	**
NE VALENTINE	VTN	12	12	12	20	20	20	**	**
NV ELY	ELY	0	0	0	0	0	0	**	**
NV LAS VEGAS	LAS	85	47	43	209	89	119	74	132
NV RENO	RNO	0	0	0	0	0	0	**	**
NV WINNEMUCCA	WMC	0	0	0	0	0	0	**	**
NH CONCORD	CON	0	0	0	0	0	0	**	**
NJ ATLANTIC CITY	ACY	8	8	8	41	41	41	**	**
NM ALBUQUERQUE	ABQ	4	4	3	4	4	-2	**	**
NM CLOVIS	CVS	4	0	1	9	-1	9	**	**
NM ROSWELL	ROW	13	-7	-15	67	9	23	**	**
NY ALBANY	ALB	0	0	0	5	5	5	**	**
NY BINGHAMTON	BGM	0	0	0	15	15	15	**	**
NY BUFFALO	BUF	0	-1	0	18	17	13	**	**
NY NEW YORK	LGA	7	7	7	17	17	17	**	**
NY ROCHESTER	ROC	0	0	-1	15	15	14	**	**
NY SYRACUSE	SYR	0	0	0	7	7	7	**	**
NC ASHEVILLE	AVL	2	-2	2	7	3	7	**	**
NC CAPE HATTERAS	HAT	11	2	-3	90	59	76	**	**
NC CHARLOTTE	CLT	12	-3	-1	71	27	54	**	**
NC GREENSBORO	GSO	9	-3	5	66	27	51	**	**
NC NEW BERN	EWN	26	5	-12	179	126	129	**	**
NC RALEIGH DURHAM	RDU	13	2	5	93	54	75	**	**
NC WILMINGTON	ILM	21	-3	-24	209	120	153	**	**
ND BISMARCK	BIS	6	6	6	6	6	6	**	**
ND FARGO	FAR	14	14	14	14	14	14	**	**
ND GRAND FORKS	GFK	23	23	23	23	23	23	**	**
ND WILLISTON	ISN	9	9	9	9	9	9	**	**
OH AKRON-CANTON	CAK	0	0	0	36	36	33	**	**
OH CLEVELAND	CLE	0	-2	0	37	35	34	**	**
OH COLUMBUS	CMH	0	-2	0	33	31	25	**	**
OH CINCINNATI	CVG	2	-4	-1	51	42	39	**	**
OH DAYTON	DAY	0	-4	0	39	35	34	**	**
OH TOLEDO	TOL	0	-2	0	29	27	24	**	**
OH YOUNGSTOWN	YNG	0	-1	-2	38	37	32	**	**
OK OKLAHOMA CITY	OKC	7	-11	6	56	-8	39	**	**
OK TULSA	TUL	11	-10	11	80	10	53	**	**
OR ASTORIA	AST	0	0	0	0	0	0	**	**
OR BURNS	HBW	9	9	9	13	13	13	**	**
OR MEDFORD	MFR	0	0	0	0	0	0	**	**
OR PENDLETON	PDT	1	1	1	1	1	0	**	**
OR PORTLAND	PDX	0	0	0	0	0	0	**	**
OR SALEM	SLE	0	0	0	0	0	0	**	**
PA ALLENTOWN	ABE	0	-2	0	29	27	29	**	**
PA ERIE	ERI	0	0	0	21	21	16	**	**
PA HARRISBURG	CXY	0	-4	0	53	49	53	**	**
PA PHILADELPHIA	PHL	5	3	5	31	29	31	**	**
PA PITTSBURGH	PIT	0	-2	-1	41	39	38	**	**
PA SCRANTON	AVP	0	-1	0	19	18	19	**	**
RI PROVIDENCE	PVD	3	3	3	8	8	8	**	**
SC CHARLESTON	CHS	36	4	-22	224	116	117	107	109
SC COLUMBIA	CAE	26	-2	-9	147	31	98	27	200
SC FLORENCE	FLO	26	-1	-5	156	39	99	33	174
SC GREENVILLE	GSP	9	-5	1	61	17	48	**	**
SD ABERDEEN	ABR	22	22	22	24	24	24	**	**
SD HURON	HON	7	7	7	13	13	13	**	**
SD RAPID CITY	RAP	10	10	10	20	20	20	**	**
SD SIOUX FALLS	FSD	5	5	5	23	23	23	**	**
TN CHATTANOOGA	CHA	15	-2	10	52	4	42	**	**
TN KNOXVILLE	TYS	5	-9	4	30	-13	18	**	**
TN MEMPHIS	MEM	34	7	16	150	63	91	**	**
TN NASHVILLE	BNA	15	-1	7	88	38	67	**	**
TX ABILENE	ABI	25	-10	-16	151	-3	41	-2	37
TX AMARILLO	AMA	9	0	9	38	16	37	**	**
TX AUSTIN	AUS	68	20	-20	299	27	-40	10	-12
TX BROWNSVILLE	BRO	98	12	-34	693	39	3	1	0
TX CORPUS CHRISTI	CRP	81	6	-22	432	-74	-32	-15	-7
TX DEL RIO	DRT	73	4	-19	305	-78	-82	-20	-21
TX EL PASO	ELP	24	1	-5	86	11	22	**	**
TX FORT WORTH	DFW	39	-4	11	177	-30	85	-14	92
TX GALVESTON	GLS	70	17	3	244	-4	67	-2	38
TX HOUSTON	IAH	70	20	-3	301	49	53	19	21
TX LUBBOCK	LBB	9	-6	2	70	21	54	**	**
TX MIDLAND ODESSA	MAF	35	5	-11	163	53	58	48	55
TX BEAUMONT	BPT	73	21	-2	374	118	131	46	54
TX SAN ANGELO	SJT	32	-12	-19	213	21	65	11	44
TX SAN ANTONIO	SAT	63	10	-20	289	-23	-38	-7	-12
TX VICTORIA	VCT	79	16	-11	378	16	-3	4	-1
TX WACO	ACT	47	3	-5	231	-1	71	0	44
TX WICHITA FALLS	SPS	14	-15	2	85	-36	31	-30	57
UT BLANDING	4BL	1	1	1	1	1	1	**	**
UT CEDAR CITY	CDC	3	3	3	3	3	3	**	**
UT SALT LAKE CITY	SLC	22	21	22	34	33	31	**	**
VT BURLINGTON	BTV	0	-1	0	0	-1	0	**	**
VA LYNCHBURG	LYH	5	-3	-2	72	62	57	**	**
VA NORFOLK	ORF	17	10	3	129	109	120	**	**
VA RICHMOND	RIC	13	3	5	124	105	114	**	**
VA ROANOKE	ROA	12	5	5	97	86	79	**	**
WA COLVILLE	63S	0	0	0	0	0	0	**	**
WA QUILLAYUTE	UIL	0	0	0	0	0	0	**	**
WA SEATTLE-TACOMA	SEA	0	0	0	0	0	0	**	**
WA SPOKANE	GEG	0	0	0	0	0	0	**	**
WA WALLA WALLA	ALW	4	4	4	10	10	2	**	**
WA YAKIMA	YKM	0	0	0	0	0	0	**	**
WV BECKLEY	BKW	0	-2	-2	27	25	19	**	**
WV CHARLESTON	CRW	5	-2	-8	80	69	54	**	**
WV HUNTINGTON	HTS	3	-11	-9	60	34	35	**	**
WV PARKERSBURG	PKB	1	-5	-3	62	56	50	**	**
WI GREEN BAY	GRB	0	0	0	16	16	16	**	**
WI LACROSSE	LSE	5	3	5	46	44	44	**	**
WI MADISON	MSN	2	2	2	42	42	41	**	**
WI MILWAUKEE	MKE	0	0	0	42	42	41	**	**
WI WAUSAU	AUW	2	2	2	19	19	19	**	**
WY CASPER	CPR	0	0	0	0	0	0	**	**
WY CHEYENNE	CYS	0	0	0	0	0	0	**	**
WY LANDER	LND	2	2	2	2	2	2	**	**
WY SHERIDAN	SHR	1	1	1	1	1	1	**	**


COOLING DEGREE-DAYS FOR THE WEEK
PERCENT DEPARTURE FROM NORMAL (1951-1980)
ABOVE NORMAL
BELOW NORMAL
BELOW NORMAL
ABOVE
APR. 28 - MAY 4, 1985
BASED ON PRELIMINARY TELEGRAPHIC REPORTS
Dept.of Commerce - NOAA


COOLING DEGREE-DAYS ACCUMULATED FROM JAN 1, 1985
PERCENT DEPARTURE FROM NORMAL (1951-1980)
ABOVE NORMAL
ABOVE NORMAL
ABOVE NORMAL
ABOVE
MAY 4, 1985
BASED ON PRELIMINARY TELEGRAPHIC REPORTS
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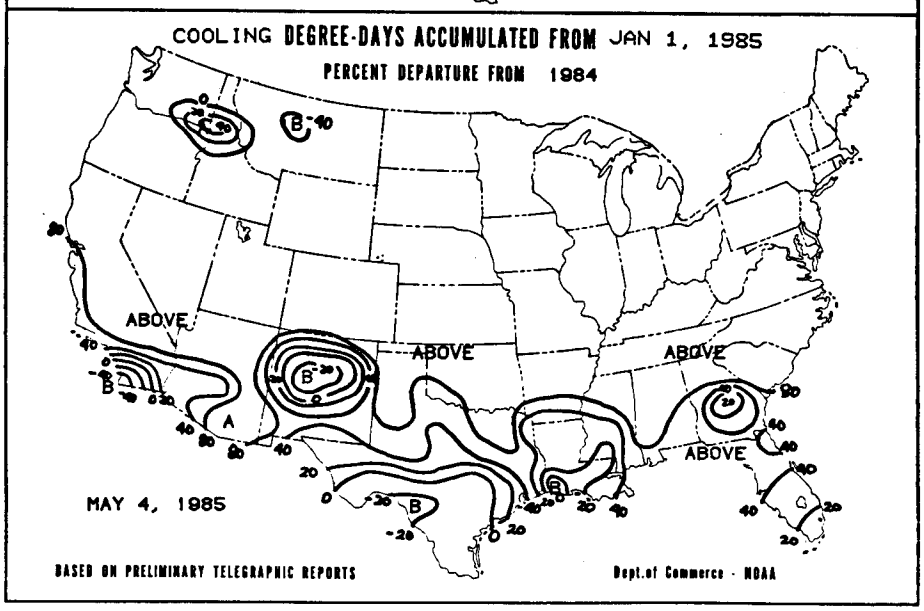

COOLING DEGREE-DAYS ACCUMULATED FROM JAN 1, 1985
PERCENT DEPARTURE FROM 1984
ABOVE
ABOVE
ABOVE
ABOVE
MAY 4, 1985
BASED ON PRELIMINARY TELEGRAPHIC REPORTS
Dept.of Commerce - NOAA

April Weather and Crop Summary

APRIL WEATHER SUMMARY

HIGHLIGHTS: Very dry weather prevailed over the east and west coasts. Water storages in the East caused some areas to experience economic difficulties, and parts of the mid-Atlantic coast and southern New England reached extreme drought conditions. Also dry this month were from eastern North Dakota to western South Dakota, the northern Rockies, and southwestern Texas. Showers and thunderstorms produced above-normal rain from the southern Rockies and Plateau to the northern Mississippi Valley, southern Texas, and southern Florida. Temperatures averaged near normal from Texas through the Southeast, but the rest of the Nation was warmer than normal. Average temperatures were 6-8 degrees warmer than normal from the Southwest to the northern Plains and eastward to the mid-Atlantic States.

FIRST WEEK...It was wet and windy in parts of the East and dry and warm in most of the West. Dryness also persisted along the east coast. Light showers fell over most of the central and northern Plains, and strong winds plagued the Rockies. Early in the week, a late-winter storm spread snow from Nebraska and northern Kansas to the western Great Lakes and into the Northeast. With the same storm, thunderstorms rumbled across the lower Great Lakes region. Later, thunderstorms developed along and ahead of a cold front that moved from the middle and lower Mississippi Valley to the Appalachians. Tornadoes, hail, and high winds occurred from the lower Mississippi Valley into the Southeast. The Southeast and West experienced record-high temperatures but, later in the week, parts of the East had record-low temperatures. Temperatures averaged as much as 10-15 degrees above normal in northern California.

SECOND WEEK...Cold Canadian air moved into the upper Mississippi Valley early in the week and covered all of the East by midweek. Some early morning temperatures in the central Appalachians dropped to below 5 degrees (F) and threatened early blooming fruit trees on Thursday. Freezing temperatures reached into South Carolina and northern Alabama. In sharp contrast, above-normal temperatures in the West reached as much as 12 degrees warmer than normal over the Plateau and Intermountain region. Early in the week, snow fell from the northern Plains to New England. Snow, mixed with sleet or rain, fell from the upper-Ohio Valley to the mid-Atlantic States. Showers and thunderstorms produced heavy rain in southern Texas and moderate rain northward into the lower Missouri Valley. While most of Florida received some rain, moderate to heavy rain fell along southern tip of Florida and the east coast.

THIRD WEEK...Summer weather descended on most of the Nation. Unusual warmth prevailed over the West early in the week and began to push into the Plains. Very cool air settled over the Great Lakes and the Northeast, but the warm air spread eastward and covered all of the East later in the week. Light showers covered much of the East but moderate showers and thunderstorms fell in southeastern Texas, from the middle Mississippi Valley to North Carolina, and in the Tennessee Valley.

APRIL FIELDWORK

Wetness delayed land preparation and seeding throughout the Corn Belt during most of April. However, Corn Belt farmers were able to enter fields the last ten days of the month. Land preparation progressed well in the Southeast but dryness slowed planting and prevented seeds from germinating. Some southeastern farmers replanted corn as a result of the dryness. The lack of moisture plagued the east coast States most of April. Moisture was adequate over the rest of the Nation except for a few dry spots along the West Coast, Central Plains, and Mountain States.

Corn planting, at the beginning of April was limited mostly to the southern States. Corn seeding advanced rapidly across the South during the month and neared completion in most southern States as the month ended. By April 28th, 22 percent of the acreage had been seeded in the 17 major producing States compared with 6 percent last year and 11 percent average. Seeding progress was ahead of schedule in virtually all States. Emerged corn was mostly fair, but moisture was badly needed in the Southeast.

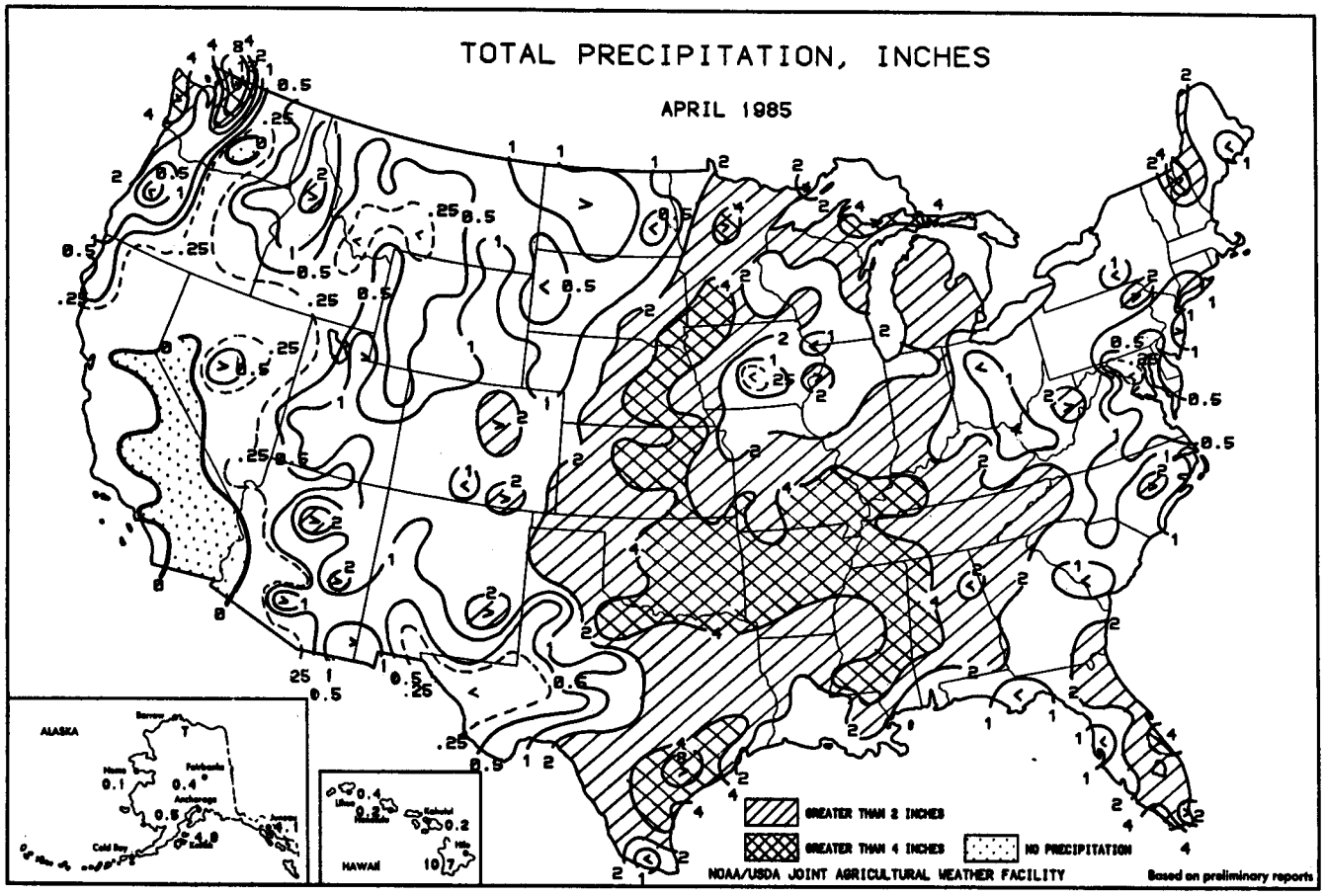
As April drew to a close, cotton producers in the 14 major producing States had seeded 32 percent of the cotton acreage, slightly ahead of last year and the average. Planting was ahead of, or equaled, the norm in almost all States. Wetness impeded planting in Arkansas while dryness slowed planting in Georgia during April. High winds with blowing sand damaged young cotton plants in Arizona and California near the end of April.

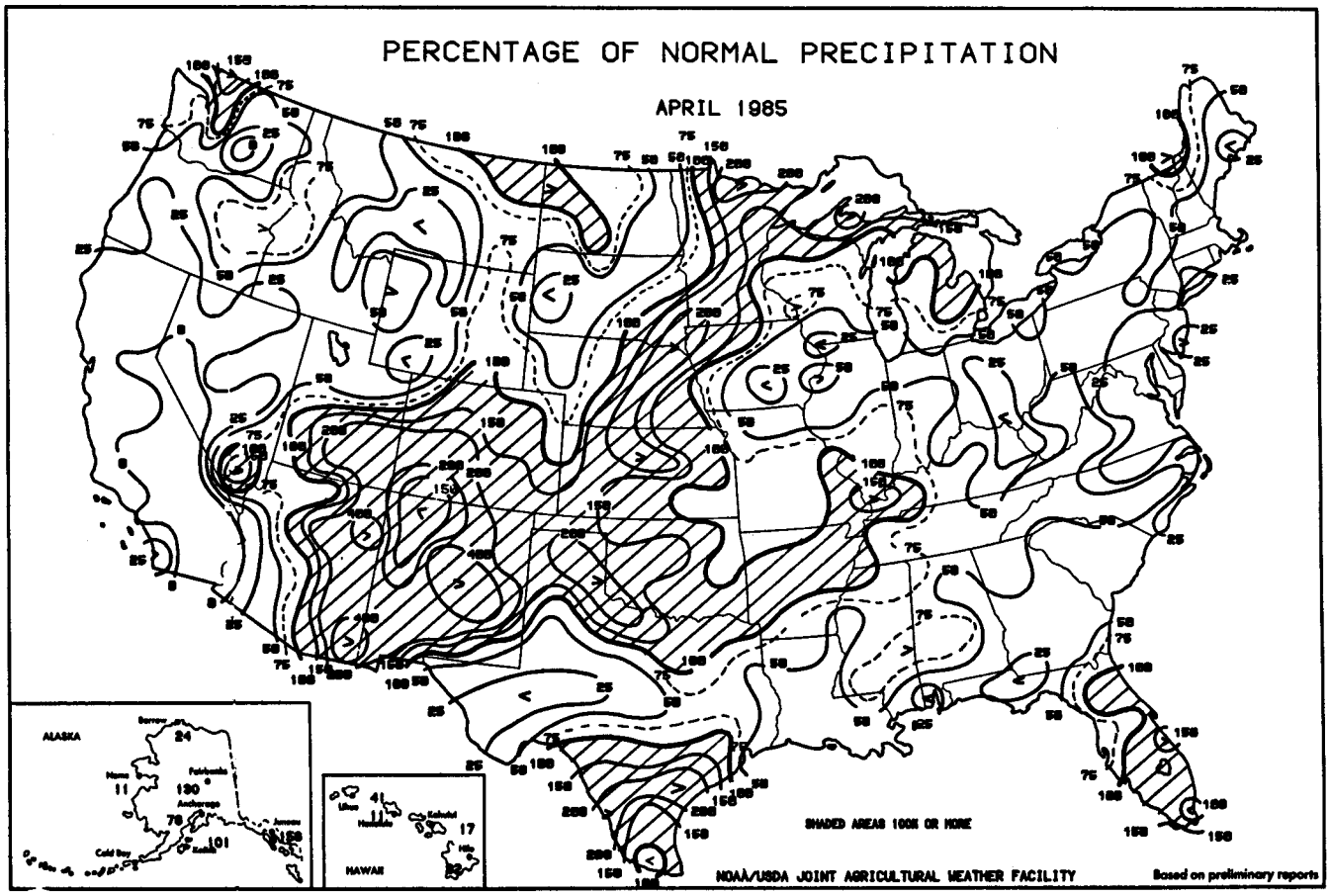
Sorghum planting was limited to the southern States but moved into Missouri the last week of April. During most of April excessive moisture in Texas held back sorghum planting, but by April 28th producers had seeded 63 percent of the acreage, 2 points behind normal.

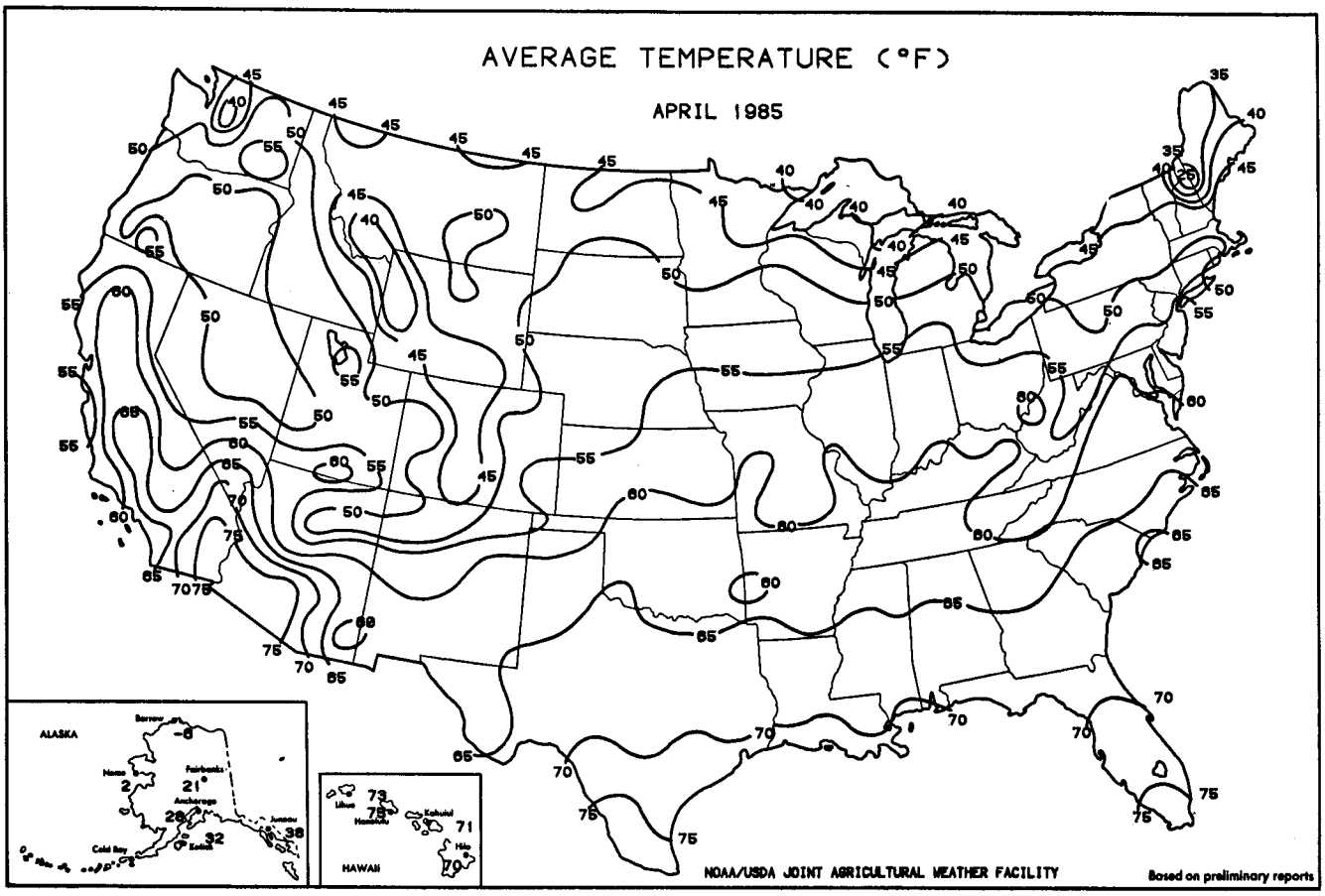
Rice ended the month 41 percent seeded, which was about normal. Seeding was 31 points behind normal in Texas, but 30 points ahead of normal in Mississippi. Twenty-one percent of the rice seeded had emerged, equaling last year, but 3 points behind the average.

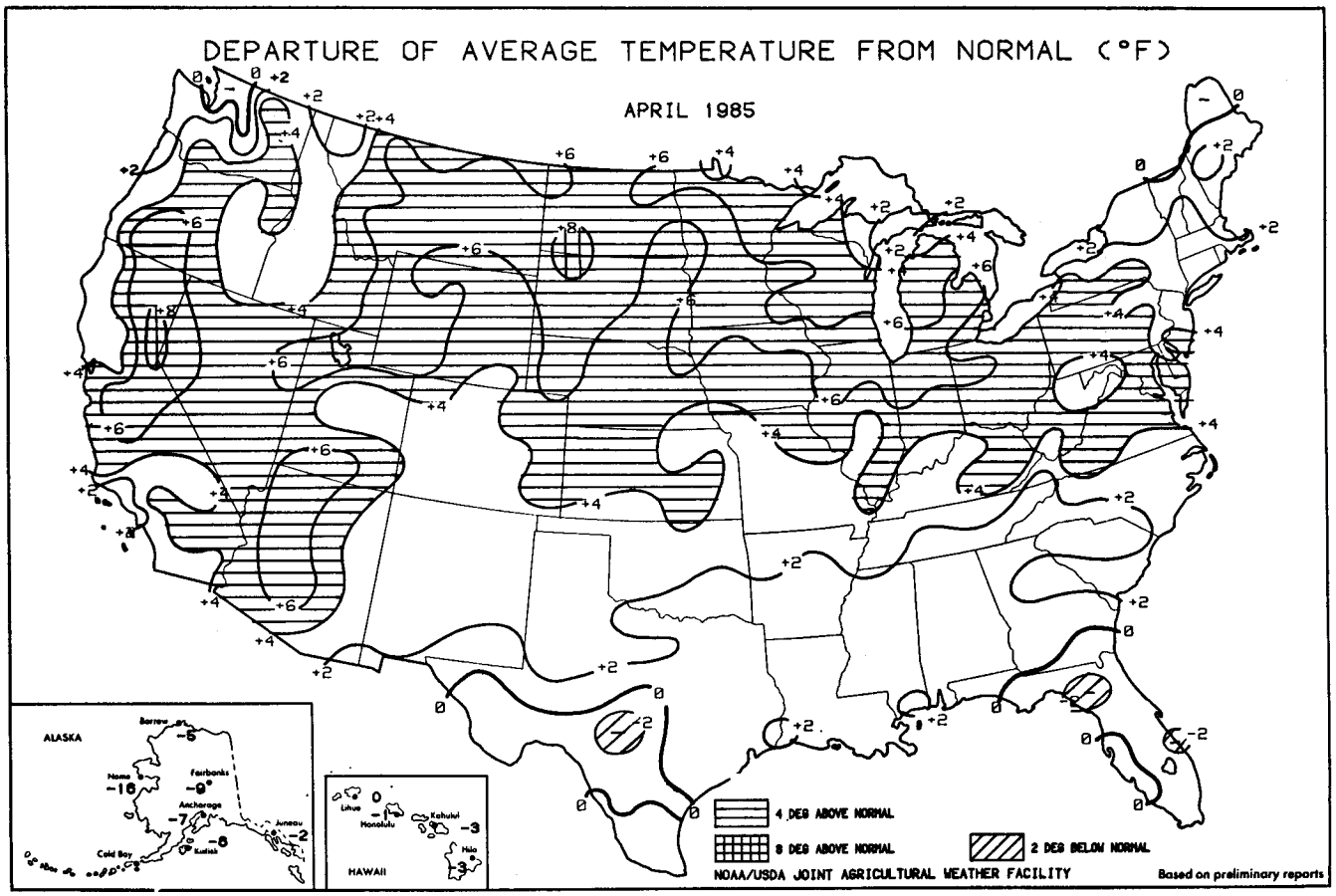
Soybean planting became more widespread across the Southeast; Oklahoma and Missouri had seeded a few acres by the end of the month. Soybeans were 5 and 6 percent seeded in Missouri and Georgia, respectively.

Spring wheat seeding advanced to 52 percent complete, 16 points ahead of normal during April, ranging from 44 percent in Minnesota to 88 percent complete in South Dakota. Planting was ahead of normal in all major producing States, except Idaho, which lagged 14 points behind normal.


TOTAL PRECIPITATION, INCHES
APRIL 1985
GREATER THAN 2 INCHES
GREATER THAN 4 INCHES
NO PRECIPITATION
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports
ALASKA
HAWAII


PERCENTAGE OF NORMAL PRECIPITATION
APRIL 1985
SHADED AREAS 100% OR MORE
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports
ALASKA
HAWAII


AVERAGE TEMPERATURE (°F)
APRIL 1985
ALASKA
HAWAII
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


DEPARTURE OF AVERAGE TEMPERATURE FROM NORMAL (°F)
APRIL 1985
ALASKA
HAWAII
4 DEG ABOVE NORMAL
8 DEG ABOVE NORMAL
2 DEG BELOW NORMAL
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

Temperature and Precipitation Data for April 1985

States and Stations	Temperature °F Average	Temperature °F Departure	Precipitation Inches Total	Precipitation Inches Departure
AL BIRMINGHAM	64	1	2.1	-2.9
MOBILE	68	0	1.2	-4.1
MONTGOMERY	67	2	3.4	-1.0
AK ANCHORAGE	28	-7	0.5	-0.2
BARROW	-6	-5	T	-0.2
FAIRBANKS	21	-9	0.4	0.1
JUNEAU	38	-2	4.1	1.2
KODIAK	32	-6	4.9	0.1
NOME	2	-16	0.1	-0.6
AZ FLAGSTAFF	46	4	3.9	2.5
PHOENIX	75	7	0.2	-0.1
PRESCOTT	56	6	0.7	-0.1
TUCSON	69	4	0.5	0.1
WINSLOW	56	3	0.7	0.4
YUMA	76	6	0.0	-0.1
AR FORT SMITH	63	1	4.4	0.2
LITTLE ROCK	64	2	5.7	0.4
CA BAKERSFIELD	66	4	0.0	-0.7
EUREKA	52	2	0.4	-2.5
FRESNO	67	7	0.1	-1.0
LOS ANGELES	61	1	T	-0.9
RED BLUFF	65	6	0.1	-1.1
SACREMENTO	62	3	0.0	-1.3
SAN DIEGO	64	2	0.4	-0.4
SAN FRANCISCO	59	4	0.1	-1.4
CO DENVER	51	4	2.6	0.8
GRAND JUNCTION	55	3	1.8	1.1
PUEBLO	54	3	1.7	0.7
CT BRIDGEPORT	51	2	0.7	-3.1
HARTFORD	51	2	1.5	-2.5
DC WASHINGTON	61	5	T	-2.9
FL APALACHICOLA	66	-2	0.9	-2.3
DAYTONA BEACH	69	-1	3.1	0.9
JACKSONVILLE	67	-1	2.8	-0.6
KEY WEST	76	-1	10.6	9.1
MIAMI	74	-1	3.3	0.2
ORLANDO	71	-1	1.7	-0.5
TALLAHASSEE	66	-1	1.0	-3.1
TAMPA	72	1	1.0	-0.9
WEST PALM BEACH	73	-1	3.4	0.1
GA ATLANTA	64	2	2.8	-1.7
AUGUSTA	66	2	1.0	-2.3
MACON	65	0	1.2	-2.3
SAVANNAH	67	1	1.4	-1.8
HI HILO	70	-3	10.7	-2.4
HONOLULU	75	-1	0.2	-1.3
KAHULUI	71	-3	0.2	-1.0
LIHUE	73	0	1.7	-1.6
ID BOISE	52	3	0.9	-0.3
LEWISTON	54	3	0.9	-0.2
POCATELLO	49	4	0.3	-0.9
IL CAIRO	65	5	7.3	2.9
CHICAGO	53	4	1.6	-2.1
MOLINE	57	7	2.1	-1.8
PEORIA	57	6	1.1	-2.7
QUINCY	58	5	1.5	-2.4
ROCKFORD	54	6	1.1	-3.2
SPRINGFIELD	58	4	1.4	-2.6
IN EVANSVILLE	59	3	3.8	-0.3
FORT WAYNE	57	8	1.7	-1.9
INDIANAPOLIS	57	5	2.7	-1.0
SOUTH BEND	55	7	2.0	-2.1
IA DES MOINES	55	5	0.2	-3.0
DUBUQUE	54	7	0.8	-3.4
SIOUX CITY	55	5	5.0	2.8
WATERLOO	54	7	1.5	-2.0
KS CONCORDIA	56	3	2.9	0.6
DODGE CITY	58	4	2.2	0.3
GOODLAND	53	5	1.0	-0.1
TOPEKA	59	4	3.6	0.5
WICHITA	60	4	2.3	0.0
KY BOWLING GREEN	60	2	3.1	-1.1
JACKSON	61	8	0.8	-3.2
LEXINGTON	58	3	2.3	-1.7
LOUISVILLE	60	4	1.7	-2.4
PADUCAH	61	3	6.9	2.3
LA ALEXANDRIA	68	1	1.9	-3.6
BATON ROUGE	69	0	1.6	-4.0
LAKE CHARLES	70	2	1.3	-2.8
NEW ORLEANS	69	0	2.1	-2.4
SHREVEPORT	67	1	3.1	-1.7
ME CARIBOU	36	-2	1.7	-0.9
PORTLAND	44	1	1.3	-2.7
MD BALTIMORE	58	4	0.4	-3.0
SALISBURY	58	4	0.6	-2.6
MA BOSTON	49	0	1.5	-2.2
CHATHAM	47	2	1.6	-2.3
MI ALPENA	45	4	2.6	0.1
DETROIT	51	3	2.1	-1.0
FLINT	52	6	3.6	0.6
GRAND RAPIDS	52	5	2.5	-1.0
HOUGHTON LAKE	47	5	2.4	-0.2
LANSING	51	5	2.8	-0.1
MARQUETTE	41	3	6.5	4.1
MUSKEGON	50	5	2.1	-1.0
SAULT STE. MARI	39	1	4.3	1.9
MN ALEXANDRIA	48	6	2.3	0.1
DULUTH	42	4	2.3	0.2
INT'L FALLS	42	4	3.2	1.6
MINNEAPOLIS	52	6	1.9	-0.2
ROCHESTER	50	6	1.9	-0.6
ST CLOUD	49	6	3.8	1.5
MS GREENWOOD	65	1	2.9	-2.7
JACKSON	65	0	3.2	-2.6
MERIDIAN	65	1	4.5	-0.9
MO COLUMBIA	59	4	2.9	-1.0
KANSAS CITY	58	3	1.8	-1.5
SAINT LOUIS	60	4	3.6	0.1
SPRINGFIELD	59	3	3.9	-0.1
MT BILLINGS	51	6	0.3	-1.6
GLASGOW	49	6	0.9	0.0
GREAT FALLS	49	6	0.3	-1.2
HAVRE	48	5	0.9	-0.2
HELENA	47	5	0.5	-0.4
KALISPELL	45	2	0.6	-0.5
MILES CITY	51	6	0.9	-0.5
MISSOULA	48	4	0.5	-0.5
NE GRAND ISLAND	55	5	4.4	1.7
LINCOLN	55	4	3.5	0.7
NORFOLK	54	6	5.5	3.3
NORTH PLATTE	52	5	1.8	0.0
OMAHA	56	5	2.4	-0.3
SCOTTSBLUFF	51	4	1.2	-0.2
VALENTINE	52	6	1.5	-0.3
NV ELKO	48	5	0.2	-0.6
ELY	47	6	0.1	-0.8
LAS VEGAS	68	5	0.3	0.1
RENO	53	6	0.0	-0.5
WINNEMUCCA	49	4	0.2	-0.6
NH CONCORD	45	1	1.0	-2.0
NJ ATLANTIC CITY	55	4	1.0	-2.2
NM ALBUQUERQUE	57	2	1.7	1.3
CLOVIS	59	2	1.7	0.8
ROSWELL	64	2	2.5	2.1
NY ALBANY	49	3	1.2	-1.7
BINGHAMTON	49	5	1.0	-2.1
BUFFALO	49	4	1.3	-1.7
NEW YORK	54	2	1.0	-2.8
ROCHESTER	49	3	1.3	-1.3
SYRACUSE	48	2	1.2	-2.2
NC ASHEVILLE	56	1	2.7	-1.1
CHARLOTTE	61	1	1.9	-1.4
GREENSBORO	61	2	1.0	-2.1
HATTERAS	64	4	0.7	-2.6
NEW BERN	65	3	1.3	-1.7
RALEIGH	62	2	0.6	-2.3
WILMINGTON	66	3	0.7	-2.3
ND BISMARCK	46	3	1.8	0.3
FARGO	47	4	0.6	-1.3
GRAND FORKS	48	7	0.7	-0.7
WILLISTON	47	5	1.5	0.2
OH AKRON-CANTON	53	5	1.4	-1.8
CINCINNATI	58	4	1.3	-2.3
CLEVELAND	53	5	1.4	-1.9
COLUMBUS	56	5	0.7	-2.7
DAYTON	56	5	1.6	-1.9
TOLEDO	53	6	1.4	-1.6
YOUNGSTOWN	53	5	1.8	-1.7
OK OKLAHOMA CITY	63	2	5.4	2.4
TULSA	63	2	5.6	1.5
OR ASTORIA	49	1	3.0	-1.7
BURNS	46	3	0.4	-0.1
MEDFORD	56	6	0.4	-0.7
PENDLETON	53	3	0.4	-0.6
PORTLAND	54	4	1.0	-1.3
SALEM	52	3	0.9	-1.5
PA ALLENTOWN	54	4	0.6	-3.3
ERIE	51	7	1.7	-1.8
HARRISBURG	57	5	0.5	-2.7
PHILADELPHIA	55	2	0.5	-3.0
PITTSBURGH	55	5	1.6	-1.7
SCRANTON	51	3	2.0	-1.0
RI PROVIDENCE	51	3	1.7	-2.3
SC CHARLESTON	68	3	1.1	-1.5
COLUMBIA	65	1	1.3	-2.3
FLORENCE	65	1	0.4	-2.5
GREENVILLE	62	1	1.3	-3.0
SD ABERDEEN	50	5	0.6	-1.3
SD HURON	51	6	1.6	-0.4
RAPID CITY	52	8	0.3	-1.6
SIOUX FALLS	53	6	5.2	2.8
TN CHATTANOOGA	61	1	2.8	-1.8
KNOXVILLE	58	-1	2.9	-1.0
MEMPHIS	65	2	6.5	0.7
NASHVILLE	62	2	2.9	-1.6
TX ABILENE	67	2	0.9	-1.5
AMARILLO	60	4	2.8	1.7
AUSTIN	70	1	2.4	-0.8
BEAUMONT	72	3	1.1	-2.9
BROWNSVILLE	76	1	1.9	0.3
CORPUS CHRISTI	72	-1	3.5	1.6
DEL RIO	70	-1	2.5	0.7
EL PASO	64	1	0.1	-0.1
FORT WORTH	67	1	3.8	0.1
GALVESTON	71	1	1.2	-1.4
HOUSTON	70	1	4.3	0.1
LUBBOCK	63	3	0.5	-0.6
MIDLAND	67	3	0.2	-0.6
SAN ANGELO	68	1	0.4	-1.3
SAN ANTONIO	69	0	3.3	0.5
VICTORIA	71	0	8.6	6.0
WACO	68	1	3.4	-0.4
WICHITA FALLS	64	1	6.2	3.2
UT BLANDING	52	5	1.7	1.1
CEDAR CITY	53	6	0.6	-0.4
MILFORD	50	4	1.4	0.4
SALT LAKE CITY	56	7	0.6	-1.6
VT BURLINGTON	44	2	1.8	-0.9
VA NORFOLK	62	4	0.4	-2.4
RICHMOND	62	4	0.7	-2.3
ROANOKE	62	5	1.8	-1.3
WA COLVILLE	49	3	0.7	-0.4
QUILLAYUTE	46	0	6.2	-1.0
SEATTLE-TACOMA	49	0	1.3	-1.1
SPOKANE	48	3	0.3	-0.8
WALLA WALLA	57	5	0.5	-0.9
YAKIMA	51	2	0.0	-0.5
WV BECKLEY	55	3	0.9	-2.7
CHARLESTON	61	5	1.8	-1.7
HUNTINGTON	59	4	0.8	-2.6
PARKERSBURG	59	5	1.0	-2.3
WI GREEN BAY	48	4	2.2	-0.5
LA CROSSE	53	5	2.8	-0.2
MADISON	52	6	1.5	-1.6
MILWAUKEE	51	6	1.9	-1.5
WAUSAU	48	5	1.7	-1.1
WY CASPER	45	3	1.2	-0.3
CHEYENNE	46	4	1.1	-0.2
LANDER	48	6	0.8	-1.4
SHERIDAN	47	5	1.0	-1.0
PR SAN JUAN	78	-1	1.0	-2.6

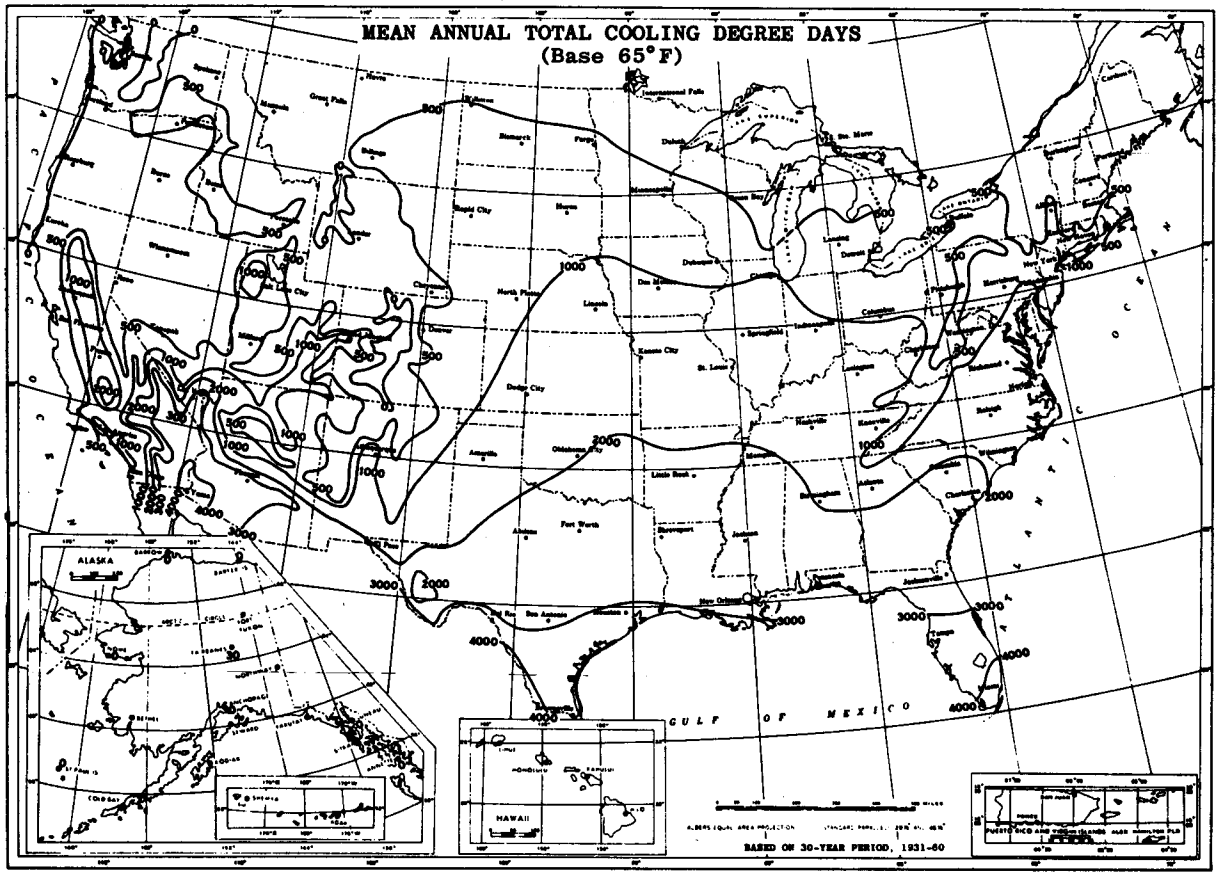
Based on 1951-80 normals.

Heating Degree Days (Base 65° F.)

April 1985

ALA. Birmingham	114	MAINE, Caribou	884	OKLA. Okla. City	108
Mobile	50	Portland	620	Tulsa	103
Montgomery	65	MD. Baltimore	252	OREG. Astoria	493
ALASKA, Anchorage	1086	MASS. Boston	471	Burns	555
Barrow	2151	Chatham	549	Medford	257
Fairbanks	1321	MICH. Alpena	613	Pendleton	351
Nome	1910	Detroit	435	Portland	327
ARIZ. Flagstaff	557	Flint	418	Salem	403
Phoenix	5	Grand Rapids	428	PA. Allentown	346
Tucson	41	Houghton Lake	571	Erie	423
Winslow	248	Lansing	439	Harrisburg	292
Yuma	0	Marquette	724	Philadelphia	306
ARK. Fort Smith	111	S. Ste. Marie	776	Pittsburgh	334
Little Rock	89	MINN. Duluth	679	Scranton	421
CALIF. Bakersfield	68	Internatl Falls	688	R.I. Providence	417
Eureka	396	Minneapolis	403	S.C. Charleston	47
Fresno	39	Rochester	456	Columbia	79
Los Angeles	148	St. Cloud	475	Greenville	141
Red Bluff	79	MISS. Jackson	92	S. DAK. Aberdeen	444
Stockton	105	Meridian	80	Huron	403
San Diego	60	MO. Columbia	225	Rapid City	393
San Francisco	180	Kansas City	256	Sioux Falls	378
COLO. Denver	412	St. Louis	200	TENN. Chattanooga	158
Grand Junction	310	Springfield	204	Knoxville	208
Pueblo	325	MONT. Billings	428	Memphis	100
CONN. Bridgeport	422	Glasgow	485	Nashville	145
Hartford	427	Great Falls	489	TEX. Abilene	52
D.C. Washington	166	Havre	516	Amarillo	169
FLA. Apalachicola	42	Helena	538	Austin	19
Ft. Myers	4	Kalispell	600	Beaumont	6
Jacksonville	47	Miles City	409	Brownsville	0
Key West	0	Missoula	513	Corpus Christi	6
Miami	1	NEBR. Grand Island	319	Del Rio	28
Orlando	12	Lincoln	326	El Paso	69
W. Palm Beach	7	Norfolk	344	Fort Worth	37
Tallahassee	61	North Platte	393	Galveston	2
Tampa	5	Omaha	315	Houston	22
GA. Atlanta	111	Valentine	418	Lubbock	102
Augusta	75	NEV. Ely	548	Midland	53
Macon	87	Las Vegas	41	San Angelo	52
Savannah	60	Reno	359	San Antonio	26
IDAHO, Boise	398	Winnemucca	479	Victoria	5
Lewiston	340	N.H. Concord	588	Waco	41
Pocatello	472	N.J. Atlantic City	319	Wichita Falls	67
ILL. Cairo	113	N. MEX. Albuquerque	220	UTAH, Milford	458
Chicago	418	N.Y. Albany	458	Salt Lake City	284
Moline	293	Binghamton	488	VT. Burlington	615
Peoria	284	Buffalo	476	VA. Lynchburg	170
Rockford	368	New York	338	Norfolk	172
Springfield	262	Rochester	471	Richmond	177
IND. Evansville	208	Syracuse	514	Roanoke	168
Fort Wayne	281	N.C. Asheville	249	WASH. Colville	-
Indianapolis	269	Charlotte	150	Quillayute	564
South Bend	339	Greensboro	160	Seattle-Tacoma	469
IOWA, Des Moines	335	Hatteras	113	Spokane	501
Dubuque	362	Raleigh	146	Walla Walla	256
Souix City	336	Wilmington	80	Yakima	421
KANS. Concordia	287	N. DAK. Bismarck	562	W. VA. Beckley	324
Dodge City	217	Fargo	550	Charleston	192
Goodland	351	Williston	535	Huntington	206
Topeka	221	OHIO. Akron-Canton	371	WIS. Green Bay	533
Wichita	184	Cinncinnati	256	Madison	418
KY. Lexington	228	Cleveland	370	Milwaukee	461
Louisville	180	Columbus	286	WYO. Casper	578
LA. Baton Rouge	33	Dayton	294	Cheyenne	576
Lake Charles	23	Toledo	368	Lander	493
New Orleans	28	Youngstown	381	Sheridan	512
Shreveport	42				

Based on 1951-80 normals.



CREED FOR WINNERS

1. I will prepare diligently, study purposefully and work productively.
2. I will be a booster, not a complainer; and a builder, not a faultfinder.
3. I will give others the benefit of the doubt and seek to discover the goodness in every person I meet.
4. I will accept my setbacks as challenges and will view my failures as teachers.
5. I will give the world the warmth of my smile, the joy of my encouragement and the blessing of my love.

-William Arthur Ward

"Take time to work,
It is the price of success.
Take time to think,
It is the source of power.
Take time to play,
It is the secret of perpetual youth.
Take time to read,
It is the foundation of wisdom.
Take time to be friendly,
It is the road to happiness.
Take time to love and to be loved,
It is the privilege of the gods.
Take time to share,
Life is too short to be selfish.
Take time to laugh,
Laughter is the music of the soul."

National Agricultural Summary

April 29 to May 5

HIGHLIGHTS: Rain across the Central Plains and Delta States slowed planting and land preparation but provided much needed moisture. Drought continued along the east coast, and some northern Plains and northern mountain States are short on moisture. Farmers across the Nation generally had 4-6 days suitable for fieldwork, but Kansas, Kentucky, Tennessee, Mississippi, Arkansas, and Nebraska had 3 days or less.

Planting was generally ahead of normal in most regions. Corn was 46 percent (%) seeded in the 17 major producing States, 35 points ahead of last year and 18 points ahead of the 28% average. Planting neared completion in all Southeastern States except Virginia. Twenty four percent of the sorghum was seeded in the major producing States, equaling the average and slightly ahead of 1984. Cotton was 38% seeded, 7 points ahead of last year but 1 point behind the average. Wetness curtailed planting in Arkansas, Missouri, Oklahoma, and Tennessee. Soybean seeding at 4% completion was off to a much faster start than last year and slightly ahead of normal. Rice was 50% seeded behind both last year and the average. Peanut planting was underway in all major producing States except Oklahoma. Pastures and livestock were mostly fair to good.

SMALL GRAINS: Wheat in 16 of the 18 major producing States, was 19 percent headed, 2 points ahead of normal. Wheat continued turning color throughout much of the South and Southwest. Winter wheat was mostly fair to good, except in the southeast where low moisture continued to take its toll. Moisture shortages slowed growth of small grains in the Northern Mountains and Northern Plains States.

Nebraksa's wheat was mostly good. Moisture and above-normal temperatures continued improving wheat. Kansas wheat growth was excellent; and about 10% of the crop was headed, which is normal. Warmth and moisture stimulated growth and contibuted to good head development in Oklahoma. Oklahoma's wheat was 55% headed, compared with 15% in 1984 and the 40% average. Wheat in central Texas continued ripening with warm daytime temperatures, and harvest spread into south central areas on a small scale. Yields from early harvested fields were average or above average. Rain improved dryland small grains. Southwestern wheat rapidly advanced towards maturity. Wheat was 90 and 95% headed in California and Arizona, respectively, and 60% turned color in Arizona. Arizona wheat harvest is expected to start in about two weeks.

Spring wheat was 78% seeded up 25 points from last week, 21 points ahead of normal, and 35% ahead of last year. Seeding, ranging from 64% complete in Idaho to finished in South Dakota, was ahead of normal in all States except Idaho, which was 13 points behind normal.

CORN: Corn was 46% seeded in the 17 major producing States, 35 points ahead of last year and 18 points ahead of the 28% average. Corn was 53% seeded in the Corn Belt and 36% seeded in the West Northcentral States. Planting neared completion in all Southeastern States except Virginia. Rains slowed planting in the Delta, but planting managed to stay ahead of normal in most States. Planting ranged from just getting started in South Dakota to almost complete in Georgia.

SORGHUM: The 7 major sorghum-producing States seeded 24% of the sorghum, equaling the average and slightly ahead of 1984. Seeding advanced to all 7 States but seeding in Arkansas and Texas was considerably ahead of the other States. Arkansas and Texas producers planted 45 and 65% of the sorghum, respectively. Texas sorghum progressed well with moisture and warmer temperatures.

COTTON: Cotton was 38% seeded, 7 points ahead of last year but 7 points behind normal. Wetness curtailed planting in Arkansas, Missouri, Oklahoma, and Tennessee, and dryness slowed Georgia's seeding progress. Planting was ahead of or nearly on schedule in the 11 other major producing States. Seeding was almost complete in Arizona, California, and South Carolina. Arizona and California producers replanted previously producers replanted some fields previously damaged by sandstorms. Planting moved into the Texas High Plains.

SOYBEANS: Soybean seeding at 4% completion was off to a much faster start than last year and slightly ahead of normal. Both Georgia and Ohio were 10% seeded. Planting was still not underway in a few Corn Belt States and the Central and Northern Plains States.

OTHER CROPS: Rice seeding reached 50% completion, 1 point behind last year and 4 points behind the average. Rice emerged on 38% of the acreage, 6 points ahead of normal. Seeding continued to lag behind normal in Texas, with 67% seeded. Most of the Texas, rice is normally seeded by this time. California growers seeded 15% of the rice, 6 points behind normal. Rice seeding was 20 points ahead of normal in Mississippi, and 5 points ahead in Louisiana.

Peanut planting was underway in all major producing States except Oklahoma. Seeding lagged 14 and 5 points behind normal in Virginia and Texas, respectively. Alabama was 56% seeded compared with 49% in 1984 and the 46% average. Georgia seeding equaled the average. Mississippi and North Carolina were ahead of normal at 32 and 31 percent seeded, respectively.

Tobacco transplanting continued moving north into Maryland. Transplanting was complete in Florida and Georgia and 55% complete in North Carolina. In Virginia, flue-cured transplanting reached 19% completion, and fire-cured tobacco transplanting just began.

FRUIT AND VEGETABLES: Peaches and apples approached full bloom in Pennsylvania. New Jersey's blueberries bloomed exceptionally heavy. Asparagus, greens, and spinach and Boston, Bibb, and Leaf lettuce moved to market from New Jersey.

Rain helped relieve the drought in Florida's citrus areas, but producers irrigated heavily. Citrus continued showing stress. Valencia harvest remained active. Florida's vegetable shipments rose 23% from last week. Supplies of cabbage, carrots, lettuce, and strawberries declined. Watermelon harvest gained momentum in the Immokalee area, and sweet corn harvest was active in the Everglades.

Arizonia citrus groves were good. Citrus harvest was limited, consisting mainly of Valencia oranges and grapefruits. Valencia orange harvest increased with demand in California. High winds damaged citrus trees in California's central interior valley. The wind also damaged almonds and uprooted trees in some orchards.

Fruit set on Texas citrus trees was fair and growth has been good under moderate irrigation. Producers harvested and planted a variety of vegetables. The Texas peach crop is expected to be good. Pecan trees progressed well and some groves were sprayed. Trees began setting nuts in central Texas.

(Continued to p. 32)

CROP PROGRESS

FOR WEEK ENDING MAY 5, 1985

WINTER WHEAT
% HEADED

	1985	1984	AVG.
ARK	79	NA	NA
CALIF	90	90	87
COLO	0	0	0
GA	91	88	NA
IDAHO	0	0	0
ILL	5	0	9
IND	0	0	0
KANS	10	1	10
MICH	0	0	0
MO	17	2	15
MONT	0	0	0
NEBR	0	0	0
OHIO	0	0	0
OKLA	55	15	40
OREG	0	0	0
S DAK	0	0	0
TEX	49	44	50
WASH	0	0	0
18 STATES	22	NA	NA
EXCL. STATES WITH NA	19	10	17

THESE 18 STATES PRODUCED 88% OF THE 1984 WINTER WHEAT CROP.

NA - NOT AVAILABLE

CORN
% PLANTED

	1985	1984	AVG.
COLO	40	9	25
GA	99	93	94
ILL	66	6	32
IND	55	10	20
IOWA	55	5	32
KANS	40	10	30
KY	51	15	33
MICH	25	10	14
MINN	23	7	24
MO	73	8	36
NEBR	15	1	20
N C	93	72	78
OHIO	70	5	20
PA	27	7	12
S DAK	8	0	6
TEX	94	91	87
WIS	17	3	10
17 STATES	46	11	28

THESE 17 STATES PRODUCED 93% OF THE 1984 CORN CROP.

SOYBEANS
% PLANTED

	1985	1984	AVG.
ALA	8	3	5
ARK	3	3	4
GA	10	7	11
ILL	5	0	4
IND	5	0	0
IOWA	3	0	1
KANS	1	0	2
KY	1	0	2
LA	2	4	4
MICH	0	0	0
MINN	2	0	2
MISS	3	2	4
MO	6	1	5
NEBR	0	0	0
N C	8	2	6
OHIO	10	2	5
S C	2	0	0
S DAK	0	0	1
TENN	5	2	3
19 STATES	4	1	3

THESE 19 STATES PRODUCED 94% OF THE 1984 SOYBEAN CROP.

RICE
% PLANTED

	1985	1984	AVG.
ARK	39	36	42
CALIF	15	15	21
LA	80	74	75
MISS	77	34	57
TEX	67	98	93
5 STATES	50	49	54

THESE 5 STATES PRODUCED 97% OF THE 1984 RICE CROP.

RICE
% EMERGED

	1985	1984	AVG.
ARK	35	9	13
CALIF	1	0	2
LA	62	62	65
MISS	68	17	27
TEX	40	78	77
5 STATES	38	29	32

THESE 5 STATES PRODUCED 97% OF THE 1984 RICE CROP.

COTTON
% PLANTED

	1985	1984	AVG.
ALA	66	42	58
ARIZ	92	96	93
ARK	30	9	33
CALIF	95	100	96
GA	51	38	61
LA	48	31	41
MISS	35	15	45
MO	8	6	27
N MEX	75	57	50
N C	78	23	48
OKLA	5	1	3
S C	91	58	71
TENN	25	7	30
TEX	19	15	19
14 STATES	38	31	39

THESE 14 STATES PRODUCED 100% OF THE 1984 COTTON CROP.

SORGHUM
% PLANTED

	1985	1984	AVG.
ARK	45	34	42
KANS	3	0	2
MO	9	4	11
NEBR	1	0	1
OKLA	5	3	10
S DAK	1	0	1
TEX	65	63	66
7 STATES	24	21	24

THESE 7 STATES PRODUCED 83% OF THE 1984 SORGHUM CROP.

SPRING WHEAT
% PLANTED

	1985	1984	AVG.
IDAHO	64	64	77
MINN	74	56	68
MONT	65	75	65
N D	79	22	43
S DAK	100	49	69
5 STATES	78	43	57

THESE 5 STATES PRODUCED 92% OF THE 1984 SPRING WHEAT CROP.

SPRING WHEAT
% EMERGED

	1985	1984	AVG.
IDAHO	26	30	42
MINN	38	7	26
MONT	25	25	5
N D	34	3	14
S DAK	71	9	35
5 STATES	39	9	19

THESE 5 STATES PRODUCED 92% OF THE 1984 SPRING WHEAT CROP.

State Summaries of Weather and Agriculture

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

ALABAMA: Rain 1.00 to 3.00 in. most of State; heaviest amounts northwest, west central. Wiregrass area less than 0.25 in. Temperatures slightly above normal.

Fieldwork: 3.8 days. Soil moisture short in southeast; surplus in northwest, west central; adequate elsewhere. Plowing 90% complete. Corn planted 95%, 69% 1984, 78% avg. Wheat headed 89%, 77% 1984, 76% avg.; wheat turning color 18%, 11% 1984, 12% avg. Cotton planted 66%, 42% 1984, 58% avg. Peanuts planted 56%, 49% 1984, 46% avg. Sorghum planted 29%, 26% 1984, 15% avg. Soybeans planted 8%, 3% 1984, 5% avg. Activities: Care of livestock and poultry, planting corn, cotton, soybeans, sorghum, peanuts, spraying fruit trees, seedbed preparation. Fieldwork on schedule. Conditions: Wheat, livestock, pasture fair to good; pasture feed short to adequate, stored feed short.

ALASKA: Spring-like weather covered most areas. High pressure brought clouds, precipitation during weekend. Temperatures averaged near normal. Precipitation normal all areas.

Late spring, snow cover had fieldwork at a stand still throughout Railbelt, while vegetable growers Palmer area have started lighter soils. Most farmers waiting for snow to melt, fields to dry before groundwork can begin. Planting, seeding will not begin until middle of May. Spring fieldwork progress up to two weeks behind normal. Livestock generally good condition. Soil moisture supplies monthly adequate to surplus. Hay and fertilizer supplies adequate.

ARIZONA: Temperatures rather cool beginning of week, warmed considerably by 1st. Some showers, thundershowers first half with precipitation confined to eastern two-thirds. Amounts mostly over 0.50 in. except locally over 1.00 in. White Mountains. Temperatures ranged from 8° above normal at Phoenix to normal at Douglas.

Cotton 92% planted, 96% 1984, 93% avg. Some replanting in Yuma County. Stands good condition, plant growth rated good. Wheat, barley 96% headed, 69% turning color. Barley harvest started. Wheat harvest expected to start in two weeks. Crops in mostly good condition. Alfalfa harvest continued active, weed, insect problems minor. Some growers using weed control measures. Stands in good condition. Growers harvesting quality hay. Corn fair to good, stands established in most areas. Cabbage, carrots, greens, green onions harvested in Salt River Valley. Digging of dry onions underway, shipping not expected until 12th. Digging of table potatoes, chipper potatoes underway. Spring lettuce harvest practically complete. Artichokes packed Parker-Poston area. Citrus harvest limited scale with Valencia oranges, grapefruit. Lemon picking complete Central Valley, on demand west. Citrus groves good condition. Melons made good progress.

ARKANSAS: Temperatures normal to slightly warmer. Cool late week. Rainfall light to moderate, heavier in northwest. Temperature extreme 40°; 86°. Precipitation none to 1.93 in.

Soil moisture surplus. Days suitable for fieldwork 3.0. Major activities pasture fertilization, weed control, forage establishment; alfalfa hay and strawberry harvest, wheat disease monitoring. Rice 39% planted, 36% 1984, 42% avg. Rice 35% emerged, 9% 1984, 13% avg. Cotton 30% planted, 5% 1984, 33% avg. Winter wheat 79% headed. Sorghum 45% planted, 34% 1984, 42% avg. Soybeans 3% planted, 3% 1984, 4% avg.

CALIFORNIA: High pressure and clear skies rule over most of State. Weak weather system late brushed north coast giving Eureka 0.07 in. the only measureable rain. Most sites 2 to 4° above seasonal normals. Blue Canyon full 11° above average while Santa Barbara 3° below normal...one of only two sites cooler than normal.

Good weather allowed a lot of fieldwork to take place. Riverside County needs rain to help moisture stressed small grains. Green chopping small grains, baling oat hay continued. Winter wheat 90% headed, 90% 1984, 87% avg. Rice 15% planted, 15% 1984, 21% avg.; 19% emerged, none 1984, 29% avg. Cotton 95% planted, 100% 1984, 96% avg.; some replanting due to high winds week before. Corn, sunflower, sugarbeets continued to be planted. Alfalfa continued to be cut for hay. Some wind damage for various crops throughtout State. Hass, Fuerte avocado harvest continued; both varieties had good quality, demand. Grape growers suckered vines, thinned, cultivated, irrigated, sprayed for mildew. Growth progressed favorably. Limb breakage, bud loss due to winds in Kiwis. Almond growers reported moderate nut loss, limb breakage due to winds. Trees uprooted in some orchards. Some pistachios sprayed for Navel orangeworm. Spraying for codling moth in walnut orchards. Valencia orange harvest increased with strong demand; some damage from high winds appeared, central interior valleys. Artichokes heavy supply. Asparagus harvest full swing. Broccoli heavy supply central coasts. Planting cantaloup, miscellaneous melons with some replanting due wind damage. Cauliflower fairly heavy supply. Lettuce harvest neared completion San Joaquin Valley, increased central coast. Dry market onion shipments increased desert. Digging spring potatoes started Kern district. Planting fall potatoes underway Tulelake-Butte Valley. Strawberry harvest very active. Planting sweetpotatoes active, some replanting due wind damage. Market tomatoes good condition, early fields setting fruit. Processing tomato planting well along. Ranges, pastures Foothill, valley districts rapidly dried out. Summer pasture feed higher elevations appears plentiful. Livestock movement market summer grazing areas increased. Spring calving continued northern districts.

COLORADO: Gulf moisture, an upper level disturbance brought considerable cloudiness and scattered showers to State early week. Precipitation general in east; light in mountains, west.

Rain limited producers to 3.5 days suitable for fieldwork, provided more needed moisture to eastern half of State. Corn planted 40%, 9% 1984, 25% avg. Winter wheat condition improved with 4.5% being pastured. Barley seeded 85%; 74% 1984; 82% avg.; 59% emerged. Spring wheat seeded 71%; 57% 1984; 71% avg. Oats seeded 73%; 48% 1984; 64% avg. Onions 97% planted, summer potatoes 81% planted, fall potatoes 5% planted. Livestock condition good; 82% cows calved; 80% ewes lambed.

FLORIDA: Weak cool front accompanied by scattered showers, thunderstorms pushed through State on 29th; again on 3rd through 5th. Much needed rain, generally less than 0.50 in. Temperatures averaged 2° above normal north, 2 to 4° above south.

Soil moisture adequate western Panhandle, southern counties; short elsewhere. Corn fair condition, stressed by dry soils. Tobacco making good progress. Planting soybeans peanuts delayed on non-irrigated fields. Cotton planting underway. Small grains maturing rapidly. Wheat yield prospects lowered by insect infestation, dry weather. Sugarcane growing rapidly. Pasture condition, prospects remain poor Panhandle, except extreme western counties which received rain late week. Pasture north, central areas vary from poor to fair condition, remainded good to exellent south. Cattle holding up under stress due to short pastures, fair to good condition. Rain most citrus areas helped relieve drought; irrigation continued. Trees continue to show stress. Valencia harvest active. Remaining grapefruit on lower east coast. Mostly fair, warm, dry weather prevailed vegetable areas. Scattered showers most areas. More rain needed. Harvest very active most spring crops. Overall vegetable shipment increased 23% from previous week. Crops showing greatest gains: Sweet corn, Chinese cabbage, eggplant, radishes, tomatoes, potatoes, watermelons. Crops remaining steady supply; snap beans, celery, cucumbers, escarole, green peppers, squash. Supplies of cabbage, carrots, lettuce, strawberries declined. Watermelon cutting continued to gain from Immokalee area. Sweet corn harvest very active Everglades area. Tomatoe harvest shifting from Immokalee to Palmetto-Buskin area. Potato digging very active Hastings area.

GEORGIA: Most of State received 1.00 to 3.00 in. rain; portions central, south less than 0.50 in. Temperatures near normal. Highest 93° at Blakely on 29th. Low 39° Blairsville, Clayton on 5th.

Soil moisture 21% very short, 40% short, 35% adequate, 4% surplus. Days suitable for fieldwork 5.2. Main activities: Planting, fertilizing, applying herbicides. Corn 99% planted, 93% 1984, 94% avg.; 1% very poor, 1% poor, 38% fair, 58% good, 2% excellent. Cotton 51% planted, 38% 1984, 61% avg.; 45% fair, 55% good. Grain sorghum 41% planted, 19% 1984, 24% avg.; 2% poor, 40% fair, 58% good. Peanuts 60% planted, 48% 1984, 60% avg.; 5% poor, 51% fair, 44% good. Soybeans 10% planted, 7% 1984, 11% avg.; 35% fair, 62% good, 3% excellent. Tobacco 100% transplanted, 98% 1984, 99% avg.; 55% fair, 40% good, 5% excellent. Watermelons 99% planted, 93% 1984, 93% avg.; 2% poor, 48% fair, 50% good. Wheat 99% boot, 96% 1984; 91% headed, 88% 1984; 2% very poor, 17% poor, 45% fair, 34% good, 2% excellent. Rye 1% very poor, 12% poor, 49% fair, 37% good, 1% excellent. Other small grains 1% very poor, 16% poor, 46% fair, 34% good, 3% excellent. Apples 3% very poor, 7% poor, 39% fair, 51% good. Peaches 22% very poor, 18% poor, 33% fair, 27% good. Pastures 2% very poor, 15% poor, 40% fair, 42% good, 1% excellent. Cattle 2% poor, 30% fair, 67% good, 1% excellent. Hogs 21% fair, 78% good, 1% excellent.

HAWAII: Weather conditions mostly favorable for crop development. High pressure area north of State kept clouds and showers at bay. Shower band swept through eastern half of State beginning at midweek. Rainfall readings of over an inch recorded at some stations on Hawaii Island on 1st, but no damage was done to agriculture. Most of major vegetable regions remained day; irrigation continued heavy. Head cabbage, head lettuce production will be steady and heavy, slight decrease is expected next week. Cucumber production will increase as new fields enter harvest. Chinese cabbage output anticipated to be heavy and of good quality. Papaya and banana production will be seasonally low. Watermelon harvesting will increase as fruits reach maturity.

IDAHO: High pressure dominated weather over State. Temperatures above normal, averages ranging from 5 to 13° above normal. Highest reported 92° at Jerome. Precipitation well below normal; only few showers mainly in north, few southeast.

Six days suitable for fieldwork. Spring wheat 64% seeded, 64% 1984, 77% avg.; spring barley 54% seeded, 43% 1984, 61% avg.; oats 42% seeded. Sugarbeets 92% planted, 60% 1984, 95% avg.; dry peas 30% planted, 17% 1984, 57% avg.; lentils 48% planted, 17% 1984, 66% avg. Potatoes 24% planted, 24% 1984, 32% avg.; dry beans 1% planted. Field corn 38% planted, 14% 1984, 20% avg. Winter wheat 95% not yet jointed; 5% joint but not boot. Calving 93% complete. Lambing 97% complete. Mint condition good. Crops and livestock good. Pastures greening up. Some snow mold, grasshopper problems developing. Fruit crops progressing well.

ILLINOIS: Temperatures 3° above normal north, near normal central, 3° below normal south. Precipitation northern third 0.05 to 0.70 in. below normal; southern two-thirds above normal, ranging from 0.30 in. above to 2.28 in.

Days suitable for fieldwork 4.5. Soil moisture 24% short, 54% adequate, 22% surplus. Corn planting 66% complete, 6% 1984, 32% avg. Soybeans planted 5%, none 1984, 4% avg. Winter wheat headed 5%, none 1984, 9% avg.; condition 1% poor, 14% fair, 72% good, 13% excellent. Oat seeding 98% complete, 72% 1984, 89% avg. Tillage for corn, sorghum, soybeans 90% complete, 81% 1984, 91% avg. Alfalfa condition 4% fair, 58% good, 38% excellent. Pasture condition 5% fair, 74% good, 21% excellent; supplying 80% livestock roughage requirements, 56% 1984, 68% avg.

INDIANA: Temperatures extremes from mid 30's to mid 80's. Average highs upper 60's to low 70's. Average lows mid 40's to low 50's. Temperatures 3 to 6° above normal north to 1 to 2° below normal south. Rainfall 0.25 to 0.33 in. north; 0.50 to 1.00 in. central; 2.00 to 3.00 in. south.

Fieldwork averaged 4.7 days. Topsoil moisture 27% short, 45% adequate, 28% surplus. Subsoil moisture 8% short, 78% adequate, 14% surplus. Corn 55% planted, 10% 1984, 20% avg. Spring cropland 87% tilled, 67% 1984, 83% avg. Soybeans 5% planted, none 1984, none avg. Wheat 1% poor, 14% fair, 75% good, 10% excellent. Wheat 70% jointed, 40% 1984, 45% avg. Wheat 15% in boot. Wheat none headed, none 1984, none avg. Wheat height 14 in., 8 in. 1984, 13 in. avg. Oats 100% seeded, 60% 1984, 85% avg. Oats height 6 in., 2 in. 1984, 3 in. avg. Rye 40% headed, 10% 1984, 20% avg.

IOWA: Unseasonably warm with spotty light to occasionally moderate rains.

Days suitable for fieldwork 4.9. Topsoil moisture conditions 35% short, 59% adequate, 6% surplus. Subsoil moisture conditions 12% short, 83% adequate, 5% surplus. Fertilizer applications, tillage operations over 90% complete. Winter wheat 5% very poor to poor, 20% fair, 61% good, 14% excellent. Pasture conditions 5% very poor to poor, 21% fair, 54% good, 20% excellent. Corn acreage planted 55%, 5% 1984, 32% avg.; emerged 15%, none 1984, 1% avg. Soybean acreage planted 3%, none 1984, 1% avg. Livestock generally good condition.

KANSAS: Temperatures averaged 62 to 65°, 8° above normal northwest, 4 to 6° above normal west central and northeast, 1 to 3° above normal southwest and east central. Precipitation averaged over 1.00 in. statewide, ranging from 1.07 in. northwest, east central to 2.02 in. central, south central. Other areas ranged from 1.40 to 1.72 in.

Moisture adequate to surplus all areas. Days suitable for fieldwork 1.0. Wheat continued excellent growth. Headed 10%, 1% 1984, 10% avg.

Grass, weeds persist. Corn planted 40%, 10% 1984, 30% avg. Sorghum planted 3%, none 1984, 2% avg. Soybeans planted 1%, none 1984, 1% avg. Pastures excellent, grazing abundant.

KENTUCKY: Showers, thunderstorms midweek. Precipitation averaged near 1.00 in. Precipitation extremes varied from just over 0.33 in. Nolin Lake to over 3.00 Convington. Clear to partly cloudy throughout weekend. Temperatures averaged in lower 60's, near normal.

Soil moisture 25% short, 52% adequate, 23% surplus. East driest, west wet. Days suitable for fieldwork 2.6. Corn 51% planted, 15% 1984, 33% avg.; about 50% of corn planted has emerged. Tobacco plants good condition - most under 2 in. tall; blue mold not a problem. Soybeans 1% planted, none 1984, 2% avg. Wheat good, slightly over 33% headed. Pastures, hay crops good; need rain in east.

LOUISIANA: Average temperatures from 1° below normal to 3° above normal. Low 48°; high 91°.

Soil moisture conditions generally adequate, except central and south-west short to adequate, northwest adequate to surplus. Days suitable for fieldwork 4.4. Activities included: Planting cotton, rice, sorghum, soybeans, sweetpotatoes; harvesting hay, fertilizing pastures. Spring plowing 94% 1985, 86% 1984, 86% avg. Corn planted 98% 1985, 91% 1984, 87% avg. Corn emerged 96% 1985, 85% 1984, 80% avg.; good condition. Rice planted 80% 1985, 74% 1984, 75% avg.; emerged 62% 1985, 62% 1984, 65% avg,; good condition. Sorghum planted 76% 1985, 67% 1984, 50% avg.; emerged 60% 1985, 48% 1984, 36% avg.; fair to good condition. Cotton planted 48% 1985, 31% 1984, 41% avg.; emerged 34% 1985, 13% 1984, 20% avg.; fair to good condition. Winter wheat headed 90% 1985, 92% 1984, 91% avg.; turning color 45% 1985, 26% 1984, 40% avg.; good condition. Soybeans planted 2% 1985, 4% 1984, 4% avg. Sweetpotatoes planted 27% 1985, 10% 1984, 24% avg.; good condition. Hay first cutting 16% complete 1985, 6% 1984, 10% avg. Pastures, livestock, sugarcane fair to good condition. Vegetables good condition.

MARYLAND & DELAWARE: Maryland: Much needed rain during the week. Precipitation averaged 1.31 in. ranging from 0.40 to 2.65 in. on lower shore.

Topsoil moisture mostly adequate. Subsoil moisture adequate north, west; short elsewhere. Nearly 5.5 days suitable for fieldwork. Ninety percent spring plowing complete, 65% 1984, 75% avg. Small grains in mostly fair condition. Barley, 70% headed, 64% 1984, 50% avg.; rye 70% headed, 50% 1984, 74% avg. Spring oats 95% planted, 70% 1984, 83% avg. Tobacco transplanting just beginning. Corn 65% planted over 2 weeks ahead of last year, 35 percentage points ahead normal. Lima beans, 10% planted, none 1984, 12% avg.; tomatoes 10% planted, 15% 1984, 30% avg.; cucumbers 10% planted, 30% 1984, 30% avg.; watermelons 10% planted, 35% 1984, 35% avg.

Delaware: Much needed rain averaging 1.51 in. Temperatures averaged mostly 4 to 5° above normal. High in mid to upper 80's, lows mid 30's to low 40's. Soil moisture remains in short supply. Days suitable for fieldwork 6.0. Acres plowed 80%. Corn planted 65%, 20% 1984, 40% avg. Few fields of soybeans planted in lower State. Planting of snap beans, sweet corn, cucumbers, watermelons underway.

MICHIGAN: Warm, spring week across State. Temperatures averaged 4 to 5° above normal. Precipitation light to moderate over State.

Spring tillage, planting operations continued at rapid pace. Planting progress ahead of schedule. Corn 25% planted, 10% 1984, 14% avg. Oats 80% seeded, 60% 1984, 63% avg. Sugarbeets 95% planted, 90% 1984, 66% avg. Winter wheat none headed, none 1984, none avg. Soybeans none planted, none 1984, none avg. Fruit crop development remains nearly two weeks ahead of normal. Vegetable planting on shcedule. Asparagus harvest 15% complete.

MINNESOTA: Warm, dry high pressure dominated. Temperatures 6 to 13° above normal. Low: 29°, high: 94°. Precipitation averaged 0.14 to 0.72 in. below normal. Greatest weekly total: 1.19 in.

Topsoil moisture: 8% short, 75% adequate, 17% surplus. Days suitable for fieldwork 4.5. Some areas still wet, mainly southwest; other areas dry enought so full-scale fieldwork resumed. End of week, severe wind blown dust in Red River Valley. Hay growth very advanced, condition good southern portions; majority of winterkill further north. Spring wheat: Planted 74%, 56% 1984, 68% avg.; emerged 38%, 7% 1984, 26% avg. Oats planted 78%, 65% 1984 71% avg; emerged 50%, 12% 1984, 27% avg. Barley 67% Planted, 47% 1984, 58% avg; emerged 29%, 4% 1984, 19% avg. Corn ground prepared 51%, 36% 1984, 48% avg. Planted 23%, 7% 1984, 24% avg. Soybeans ground prepared 18%, 10% 1984, 23% avg.; Planted 2%, none, 2% avg. Sunflowers planted 3%, 1% 1984, 7% avg. Sugarbeets planted 80%, 40% 1984, 68% avg. Potatoes planted 24%, 12% 1984, 17% avg.

MISSISSIPPI: Rain statewide. Temperatures averaged 1 to 6° above normal. Extremes: 44°; 90°. Greatest 24-hour rainfall 2.00 in.

Soil moisture surplus to adequate. Fieldwork 1.9 days suitable, 2.1 1984, 4.5 avg. Wheat condition fair to good; 93% heading, 89% 1984, 85% avg.; 2% ripe. Corn condition good to fair; 87% planted, 72% 1984, 72% avg.; 75% to stand, 47% 1984, 49% avg. Rice good to fair condition; 77% planted, 34% 1984, 57% avg.; 68% to stand, 17% 1984, 27% avg. Cotton condition fair to good; 35% planted, 15% 1984, 45% avg.; 30% up to stand, 4% 1984, 19% avg. Soybeans fair condition; 3% planted, 2% 1984, 4% avg.; 1% up to stand. Sorghum 45% planted, 24% 1984, 19% avg. Peanuts 32% planted, 13% 1984, 26% avg. Watermelons 65% planted, 47% 1984, 62% avg. Sweetpotatoes 18% planted, 17% 1984, 17% avg. Hay 4% harvested, 5% 1984. Pasture good to fair condition. Livestock condition good. Peaches fair condition.

MISSOURI: Temperatures averaged 2° above normal. Precipitation averaged over 1.00 in. across State.

Topsoil moisture supply 4% short, 58% adequate, 38% surplus. Days suitable for fieldwork 2.2. Corn planting 73%, 8% 1984, 36% avg. Soybeans 6% planted, 1% 1984, 5% avg. Grain sorghum 9% planted, 4% 1984, 11% avg. Cotton 8% planted, 6% 1984, 27% avg. Winter wheat 17% headed, 2% 1984, 15% avg. Winter wheat condition 8% poor, 44% fair, 47% good, 1% excellent. Winter wheat damaged because of winterkill and other weather causes reported normal to above normal most areas. Pasture condition 20% fair, 67% good, 13% excellent, 20% fair, 67% good, 13% excellent.

MONTANA: Another warm dry week. Temperatures ranged 7° above normal west of divide; 10 to 15° above normal southwest, the Plains. Precipitation confined to southwest, central areas with amounts less than 0.25 in. Very windy on 4th.

Moisture supplies mostly short. Days suitable for fieldwork 6.2. Winter wheat conditions mostly fair. Spring wheat 65% seeded, 75% 1984, 65% avg.; 25% emerged, 25% 1984. Barley 65% seeded, 65% 1984, 65% avg.; 25% emerged, 15% 1984. Oats 65% seeded, 75% 1984, 65% avg.; 20% emerged, none 1984. Corn 30% planted, 15% 1984, 30% avg. Sugarbeets 85% planted, 35% 1984, 75% avg.; dry beans 15% planted, none 1984, 10% avg.; potatoes 1% planted, 2% 1984, 10% avg. Calving 95% complete. Lambing 90% complete, shearing 90% complete.

Stockwater supplies short to adequate. About 25% of cattle, sheep moved to summer ranges.

NEBRASKA: Rainfall widespread ranging from a few hundreths northern Panhandle, north central to 2.00 in. south. Temperatures averaged from 5 to 11° above normal.

Topsoil moisture 4% short, 78% adequate, 18% surplus. Subsoil moisture 11% short, 76% adequate, 13% surplus. Days suitable for fieldwork 2.4. Winter wheat condition 19% fair, 73% good, 8% excellent. Recent moisture improved wheat condition. Weed control measures for pennycress, broadleaf weeds. Wheat jointed 45%, 6% 1984, 25% avg. Corn planted 15%, 1% 1984, 20% avg. Sorghum planted 1%, none 1984, 1% avg. Alfalfa condition 17% fair, 70% good, 13% excellent. Anthrachose infections in central and north central. Winterkill, uneven growth northeast.

NEVADA: High pressure system brought warm, dry weather all areas. Ample sunshine midweek produced near record to new record highs some sections. Cooler air near end of week brought a few scattered showers east, south remained quite warm. Gusty winds reported all areas end of period.

Small grain seeding progress ahead both last year, normal. Spring grain condition rated poor to mostly good; alfalfa hay good. Calving, lambing, shearing slightly ahead a year ago. Potato planting showing good progress.

NEW ENGLAND: Southern regions received soaking rains of between 1.00 to 2.00 in. on 2nd, 3rd with heaviest amounts in eastern Massachusetts, Rhode Island, throughout much of Connecticut. Precipitation amounts in northern areas much less, averaging only around 0.25 in. Average temperatures ranged from lower mid 40's, low 50's in northern regions, to middle 50's south.

Soil moisture short. Days suitable fieldwork 6.0. Field preparation activity full swing. Fieldwork 8 days ahead of schedule. Grazing availability short to adequate. Maine potatoes, oats less than 5% planted. Corn 6% planted, on schedule with last year, slightly ahead of normal. Early sweet corn varieties ranged from 100% planted southern most areas to 5% seeded further north. Fruit crops overwintered well, little injury.

NEW JERSEY: Temperatures averaged near normal. Extremes: 24°; 90°. Rainfall averaged 3.15 in. north, 2.30 in. central, 1.82 in. south. Heaviest 24-hour total 2.32 in. on 2nd to 3rd. Estimated soil moisture, in percent of field capacity, averaged 87% north, 79% central, 71% south. Four inch soil temperature averaged 52° north, 59° central, 60° south.

Rainfall on 3rd very beneficial for short range needs, drought conditions continued. Fieldwork continued ahead of schedule. Asparagus, greens, spinach, Boston, Bibb, leaf lettuce moving to market. Iceberg lettuce making good growth. Tomato planting becoming general. Strawberries continued blooming. Blueberry bloom exceptionally heavy. Barley, rye well headed out. Field corn planting continued active. Soil preparations continued for soybeans. Oat planting nearing completion. Hay, pasture growth responding to rain.

NEW MEXICO: Average temperatures little above normal west, slightly below normal east. Minimum: 17° northwestern Plateau, western mountains; maximum: 92° southeastern Plains. Extensive showers early week. Precipitation from none to 0.81 in.

Soil moisture short to surplus, generally adequate. Hail, wind, freeze damage none to light. Alfalfa hay generally good. Cotton good; 75% planted, 57% 1984, 50% avg. Corn good to excellent - planting around 70% completed. Barley good to excellent - jointing at 95%. Irrigated, dryland wheat good to excellent - virtually all fields jointed. Pecans good - some freeze damage reported. Apples fair to good - virtually 100% full bloom, fruit set generally average. Chile fair to good - virtually 100% completed. Lettuce fair to good - harvest started. Onions good. Cattle fair to good. Sheep generally good. Range fair to good.

NEW YORK: Field activities continued well ahead of normal. Oat planted 62% complete, 20% avg. Corn planting began across State; planting 10% complete, 5% avg. Hay crops ranged from fair to good. Wheat crop mostly good condition.

After cool start, milder weather moved on April 30th. Cooler weather again took hold late week. Toward end of week, some normally colder valleys dropped below freezing, with frost, especially in eastern areas. Temperatures in mid 40's to mid 50's. Precipitation below normal most areas, with less than 0.50 in. Exception southeastern section rainfall averaged 2.00 to 3.00 in. from lower Hudson Valley through New York City and Long Island.

NORTH CAROLINA: Temperatures averaged near normal to lo below normal. Precipitation ranged from 0.11 in. to 2.75 in.

Soil moisture: 41% very short, 47% short, 12% adequate. Days suitable for fieldwork 5.7. Condition: Pasture 33% poor, 54% fair, 11% good, 2% excellent. Wheat 52% poor, 38% fair, 10% good. Oats 58% poor, 35% fair, 7% good. Barley 51% poor, 37% fair, 12% good. Rye 38% poor, 50% fair, 12% good. Tobacco beds 18% poor, 53% fair, 27% good, 28% excellent. Irish potatoes, 8% poor, 42% fair, 50% good. Peaches 75% poor, 21% fair, 4% excellent. Plantings: Corn 93%, 72% 1984, 78% avg. Cotton 78%, 23% 1984, 48% avg. Peanuts 31%, 8% 1984, 22% avg. Sorghum 26%, 11% 1984, 16% avg. Soybeans 8%, 2% 1984, 6% avg. Flue-cured tobacco 55%, 50% 1984, 45% avg. Major farm activities: Corn planting, transplanting tobacco, fertilizing, spraying herbicides, irrigating tobacco beds, cutting hay, planting spring crops.

NORTH DAKOTA: Temperatures well above normal, most locations recording highs above 90° at least once. Extremes from 95° northeast, east central to 23° north central. Moisture light with only the north central averaging above 0.10 in. Only six stations had measurable precipitation.

Seeding of small grains, row crops except sunflower, soybeans, dry beans well ahead of normal. Moisture supplies below normal. Hard red spring wheat 79% seeded, 22% 1984, 43% avg.; durum wheat 60% seeded, 12% 1984, 30% avg.; barley 78% seeded, 24% 1984, 40% avg.; oats 72% seeded, 14% 1984, 38% avg. Corn 18% planted, 2% 1984, 5% avg.; flax 24% planted, 1% 1984, 6% avg.; potatoes 18% planted, 10% 1984, 12% avg.; sugarbeets 85% planted, 44% 1984, 71% avg. Soybeans 8% planted, none 1984, 3% avg.; sunflower 2% planted, none 1984, 2% avg.; dry bean 2% planted, none 1984, 1% avg. Pasture short.

OHIO: Temperatures 1 to 3° sub-normal; frost north 30th. Precipitaton widespread; north 0.10 to 1.00 in. mostly 0.50 in., south 1.00 to over 2.00 in. Fieldwork: 5.0 days suitable. Soil moisture 20% short, 70% adequate, 10% surplus. Corn planted 70%, 5% 1984, 20% avg.; emerged 25%. Soybeans planted 10%, 2% 1984, 5% avg. No wheat headed; condition good to excellent. Hay, pasture rated good; some harvest activity. Alfalfa weevil active; some spraying, harvesting to control. Midweek rain improved seed germination, activated herbicides, improved soil tillage. No-till planting difficult prior to rains.

OKLAHOMA: Temperatures average 1° below normal north central, west central, central, south central to 1° above normal Panhandle, northeast, east central. Precipitation averaged 0.10 in. west central to 2.10 in. east central.

Rain improved wheat prospects in dry west. Warm, sunny days late week helped stimulate growth, contributed to good head development. Wheat headed 55%, 15% 1984, 40% avg. Row crop activity hampered by wet fields. Corn only row crop significantly ahead of average. Some early-planted sorghum, cotton up-to-stand. Sorghum planted 5%, 3% 1984, 10% avg. Cotton planted 5%, 1% 1984, 3% avg. Pastures improved slightly, now good condition. Livestock good condition. Cattle making good weight gains. Marketing average, prices stable.

OREGON: Comparatively dry week, with most moisture falling along coast, interior valleys west of mountains. Up to 1.30 in. of precipitation at northern coast, less than 0.10 in. Willamette Valley. All other areas dry. Temperatures 2° above normal west of Cascades; up to 6° above normal in south central, northeastern areas. Winter wheat fair to good condition, none headed. Drought stress beginning to show Columbia Basin. Irrigation Malheur County, central areas. Barley 95% seeded. Spring fieldwork at high elevations of southeast. First alfalfa hay cutting underway Hermiston. In west grains, grass seeds good condition, dryness a threat, some irrigating. Mint fields flamed. Frost Hood River Valley, surrounding areas left undetermined damage to fruit crops. Lower elevations fared better than sites in upper valley. Tree fruits around Milton-Freewater in good condition, no frost damage. Medford pears exceptional set, crop progress ahead of last year. Apples good condition. Strawberries, caneberries bloom west of Cascades, strawberries showed some frost damage. Cherries, peaches have good fruit. Filbert leafroller spraying. Development of tree fruits, nuts advanced rapidly with warmer weather, orchards still 1 week behind normal. Cranberries progressing normally. Willamette Valley vegetable crops good condition. Seeding on schedule; many crops being irrigated; early crops being harvested. Onions sprouting; broccoli emerging, seeding continued; planting snap beans and sweet corn; green peas in bloom. Klamath County growers planting potatoes, some potatoes harvested that growers unable to dig last fall. Central areas still 10 days away from potato planting. Malheur County potatoes 90% planted; onions and sugarbeets all emerged. Milton-Freewater asparagus going strong, onions emerging. Green peas Umatilla County frosted back. Livestock good to excellent condition. Many animals on pastures east. Western pastures good condition. East of mountains, range and pasture condition fair lower elevations; good higher elevations.

PENNSYLVANIA: Much needed rain early on 1st in western sections ending on 3rd in east, 1.25 to nearly 3.00 in. across southern two-thirds of the State, 0.50 in. or less over extreme northern counties. Weekly totals range from 2.92 in. Buffalo Mills to 0.02 in. at Erie. Statewide rainfall average 1.46 in., 0.64 in. above normal. Statewide average temperature 54°, normal. Highest temperature 85° at Lancaster on 1st, low 23° at Emporium on 4th.

Days suitable: 5.0. Moisture adequate to short. Activities: Spreading manure; topdressing pastures; spring plowing; harvesting ryelage; planting oats, potatoes and corn. Spring plowing 77% complete, 37% 1984, 55% avg. Corn 27% planted, 7% 1984, 12% avg. Oats 90% planted, 48% 1984, 62% avg. Planting tobacco beds virtually complete, same as last year. Alfalfa stands mostly fair to good. Clo-tim stands mostly fair to good. Feed from pastures mostly average. Peaches 16% pink, 77% full bloom or past; last year 30% pink, 28% full bloom. Cherries 9% pink, 91% full bloom, last year 37% pink, 26% full bloom. Apples 14% pink, 82% full bloom; last year 38% pink stage, only 26% full bloom or past.

PUERTO RICO: Island average rainfall 0.71 in., 0.70 in. below normal. Highest weekly total 3.72 in. Highest 24-hour total 3.05 in. Temperature averaged about 76 to 79° on coasts, 69 to 72° Interior Divisions. Mean station temperature ranged from 64 to 77°. Extremes: 50°; 93°. Total rainfall 0.86 in. Minus 0.25 in.

SOUTH CAROLINA: General rains across State late week. Rainfall amounts least over southern areas. Moderate elsewhere. Heaviest rainfall upstate. Temperature averaged above normal early week, below normal following rain.

Soil moisture short. Days available for field activities 5.0. Corn condition fair; 100% planted, 88% 1984, 92% avg. Cotton condition fair; 91% planted, 58% 1984, 71% avg. Tobacco condition fair; 95% planted, 95% 1984. Soybeans 2% planted, none 1984, none avg. Peach condition remains poor to fair. Tomato condition fair to good. Watermelon condition fair; 86% planted, 88% 1984, 90% avg. Pastures condition poor to fair. Wheat, rye, oats, barley condition poor to fair. Small grains continued to be hurt in spite of rain.

SOUTH DAKOTA: Average temperatures 7 to 15° above normal. Extremes: 32°, 96°. Rainfall very light except for widely scattered heavy thundershowers over southeast.

Days suitable for fieldwork 5.0. Topsoil moisture short and critically short across much of State. Most of east adequate with surplus southeast. Subsoil moisture mostly short; critically short west, adequate to surplus east. Range, pastures fair to good condition; west very dry. Livestock good condition. Small grains good condition. Corn planted 8%, none 1984, 6% avg. Spring wheat planted 100%, 49% 1984, 69% avg. Spring wheat emerged 71%, 9% 1984, 35% avg. Winter wheat headed none, none 1984, none avg. Sorghum planted 1%, none 1984, 1% avg. Soybeans planted none, none 1984, none avg.

TENNESSEE: Temperatures generally near normal; averaged in 60's, with lows in 30's northeast on 3rd. Precipitation adequate much of State.

Farmers averaged 3.0 days suitable for fieldwork. Soil moisture levels 19% short, 47% adequate, 34% surplus. Corn planted 65%, 25% 1984, 40% avg. Sorghum planted 15%. Soybeans planted 5%, 2% 1984, 3% avg. Cotton planted 25%, 1984 7%, 30% avg. Sorghum planted 15%. Soybeans planted 5%, 2% 1984, 3% avg. Tobacco-plants up 96%. Wheat headed 60%, 25% 1984, 40% avg. Pastures, livestock good to excellent condition.

TEXAS: Cold front moved southward through State first part week triggering widespread thunderstorms. Ridge high pressure pushed into State behind cold front producing drier conditions middle, later portion of week. Temperatures average 2° above normal High Plains, near normal elsewhere. Precipitation below normal across entire State.

Crops: Grain sorghum fields continued showing good progress with showers, moderate temperatures. Planting began small scale Plains. Fields Blacklands, Central good growth. Cultivating active areas where ground conditions permitted. Heavy rain Rio Grande Valley alleviated some irrigation needs. Corn planting continued most areas High Plains, nearly completed by week's end. Early fields good growth. Some hail damage Blacklands. Minor cutworm problems scattered areas. Corn started tasselling Coastal Bend, Rio

Grande Valley. Statewide condition is rated 88% of normal, compared with 58% a year ago. Early planted cotton fields good progress last week. Many producers currently scouting fields for insects. Some insect control necessary South. Planting underway Plains where good moisture conditions existed. Rainfall Plains helped improve dryland small grains. Producers reporting good development irrigated fields. Fields Blacklands, Central continued ripen under warm, daytime temperatures. Rainfall helped fill out heads these areas. Windy conditions caused lodging some Central areas. Harvest spread into south central areas small scale. Yields early harvested fields average or above. Wheat condition rated at 80% of normal, compared with 64% a year ago. Current reported conditions: 2% poor, 33% fair, 57% good, 8% excellent. Rice planting good progress Upper Coast. Planting remains behind schedule, but should pickup if open conditions remain. Producers spraying for grass some fields. Corn planted 94% 1985, 91% 1984, 87% avg.; silked 1% 1985. Cotton planted 19% 1985, 15% 1984, 19% avg.; squaring 1% 1985, 4% 1984, 2% avg. Rice planted 67% 1985, 98% 1984, 93% avg.; emerged 40% 1985, 78% 1984, 77% avg. Sorghum planted all purposes 65% 1985, 63% 1984, 66% avg.; headed none 1985; 4% 1984, 2% avg. Wheat headed 49% 1985, 44% 1984, 50% avg.; turning color 7% 1985, 10% 1984, 5% avg. Peanuts planted 6% 1985, 8% 1984, 11% avg. Soybeans planted 3% 1985, none 1984, none avg. Sugarbeets planted 88% 1985, 99% 1984, 98% avg. Sunflowers planted 3% 1985, 2% 1984, 6% avg.

Commercial Vegetables: Rio Grande Valley, light supplies cabbage available as harvest nears end. Most spring vegetables good progress. Onion harvest nearing completion, some fields showing low yields because blight, mildew, splits. Fruit set on citrus trees fair at present. Good growth under moderate irrigation. San Antonio-Winter Garden, harvest squash, beans, spinach, beets continued. Onion harvest started small scale. Melons continued to bloom. East, cool nights, damp conditions caused some minor fungus problems. Otherwise, spring vegetables normal progress. High Plains, potatoes continued make good progress. Onion transplants remained weak, outlook for an average crop not very good. Some acreage may be abandoned. Carrot planting continued. Peach crop expected to be good; trees good condition, very little insect problems. Thinning continuing some areas. Fruit set throughtout week. Pecan trees continued progressing well, spraying some groves. Most producers scouting for casebearers. Nut set portions Central areas.

Range and Livestock: Rains across State helped ranges, pastures improve. Good growth, greening continued throughtout week. Producers cut smalll grain, coastal hay in areas where conditions permitted. Livestock continued excellent gains on good pastures. Shearing sheep continued Edwards Plateau. Stock tank water levels good statewide.

UTAH: First part of week, State caught tail end of storm. Precipitation accumulations generally none to light with more southern than northern half. Maximum temperatures averaged 8o above normal north, 4o above south. Minimums averaged 3o above normal.

Soil moisture adequate. Irrigation beginning. Grasshoppers hatching. Spring seeding progress: Barley 87%, spring wheat 85%, oats 63%, corn underway, onions complete. Calving 89% complete, lambing 80%. Shearing 85%. Death losses minimal.

VIRGINIA: Above normal temperatures first half of period, below normal second half. Temperatures averaged 3o above normal. Welcomed rain on 2nd, 3rd averaged 75 in. More rain needed, conditions still extremely dry.

Topsoil moisture ratings: 82% short, 18% adequate. Days suitable for fieldwork averaged 5.0. Corn planting 61% complete, 45% 1984, 57% avg. Some replanting due to drought. Corn condition varies, overall rated fair. Soybean planting 7% complete, 2% 1984, 7% avg. Small grain conditions declined, rated poor. Expect reduced yields due to drought. Now harvesting rye, barley, wheat for silage and hay. Spraying for cereal leaf beetle. Hay, pasture land very short and dry, rated poor. First cutting hay yields very poor. Seeding alfalfa in mountain areas. Flue-cured tobacco transplanting 19% complete, 5% 1984, 12% avg. Fire-cured tobacco transplanting began, 3% complete, ahead of last year, average. Peanut planting 28% complete, 25% 1984, 42% avg. Progress slowed due to dry condition. Applying herbicides to peanut land. Livestock in good to excellent condition. Vegetable planting active. Cotton planting more than 75% complete.

WASHINGTON: East slopes continued dry while western areas received significant rainfall. Average temperatures near normal.

Dry soil conditions continued to stress small grains. General crop conditions remain good. Fruit tree growers continued to assess frost damage from late April freezes. Cherries, soft fruit trees appear to have been hit hardest. Vegetables planted, rhubard and asparagus harvests continued. Green chopping underway. Pasture growth poor due to dry, cold spring. Wheat none headed, none 1984, none avg.

WEST VIRGINIA: Temperatures near normal. Low 23o in Greenbank; high 9oo Williamson. Statewide average temperature 58o. Precipitation above normal, except in south. Most rainfall Parkersburg, Weston 2.41 in.; least Bluefield 0.21 in. Precipitation averaged 1.49 in. statewide.

Soil moisture short to adquate. Days suitable for fieldwork averaged 4.4. Planting corn, ground preparation, fencing. Feed supplies adequate to short.

WISCONSIN: Average temperatures above normal. Generally dry. Scattered showers, thunderstorms in south, some locally heavy rainfall southwest on 5th. Precipitation averaged 0.20 in. to 0.30 in.

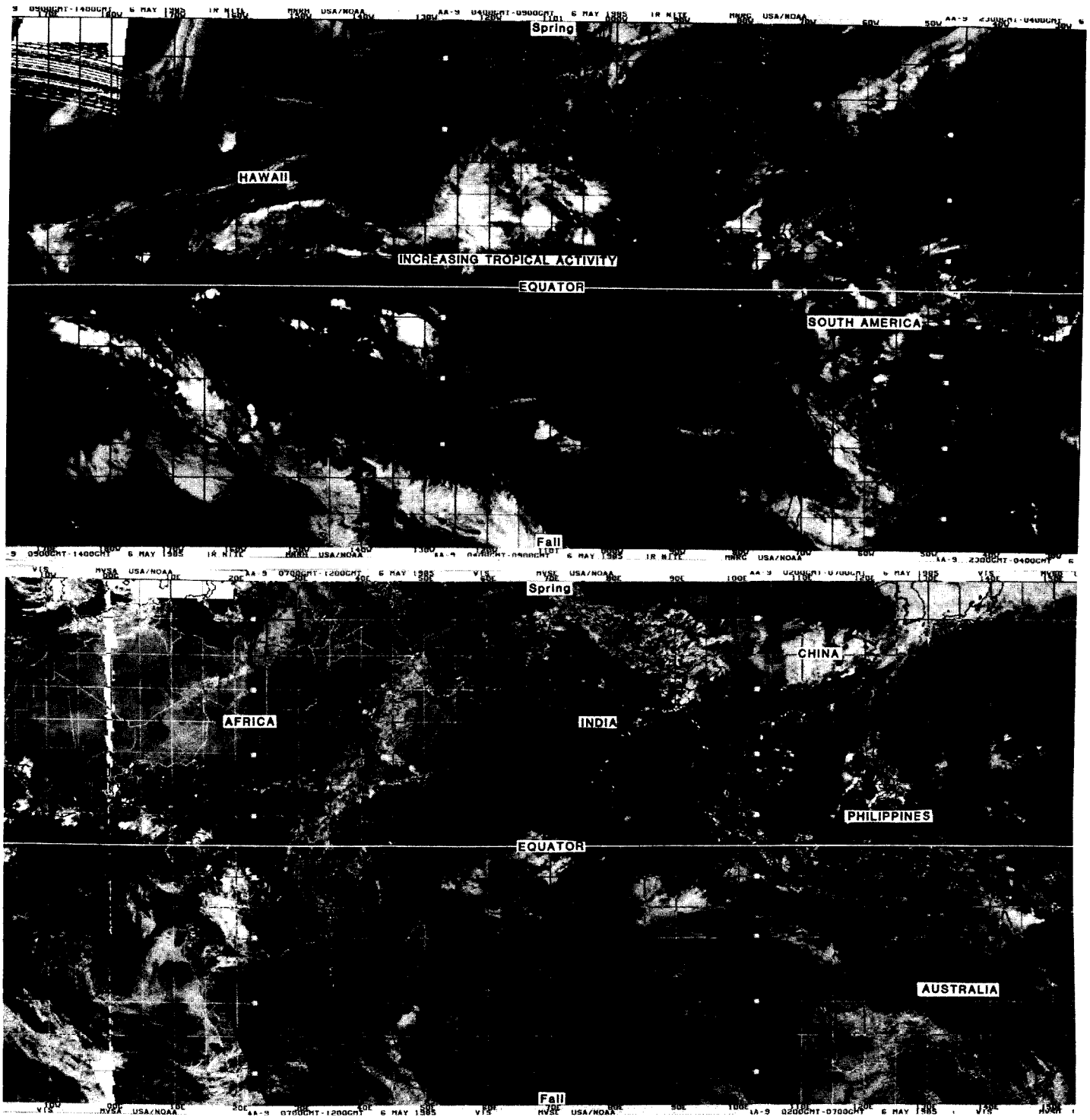
Soil moisture: 27% short, 67% adequate, 6% surplus. Days suitable for fieldwork 6.1. Spring plowing: 54% complete, 39% 1984, 46% avg. Oats seeded 66%, 55% 1984, 59% avg. Corn planted 17%, 3% 1984, 10% avg. Alfalfa good to excellent; winter wheat good to excellent. Apples full bloom south, central. Seeding tobacco beds progressing.

WYOMING: Temperatures much above normal. Dry with virtually no precipitation.

Topsoil moisture short 56% State. Last year short 2% State. Days suitable for fieldwork 6.0. Irrigation full swing many areas. Spring wheat 85% seeded, 40% 1984, 45% avg.; 40% emerged, 18% 1984, 24% avg. Oats 60% seeded, 37% 1984, 43% avg.; 20% emerged, 13% 1984, 16% avg. Barley 80% seeded, 54% 1984, 60% avg.; 45% emerged, 32% 1984, 36% avg. Sugarbeets 90% planted, 73% 1984, 72% avg.; 10% emerged, 14% 1984, 16% avg. Corn 40% seeded, 11% 1984, 11% avg. Potatoes 50% planted, 9% 1984, 4% avg. Dry beans small amount planted. Winter wheat fair to mostly good condition. Alfalfa prospects mostly good. Livestock mostly good condition. Spring calves 85% born, 79% 1984, 83% avg. Farm flock: Ewes lambed 95%, 83% 1984, 86% avg.; shorn 90%, 69% 1984, 80% avg. Range sheep: Ewes lambed 60%, 39% 1984, 49% avg.; shorn 65%, 48% 1984, 57% avg. Calf, lamb losses mostly light; branding underway. Range, pastures fair to good condition.

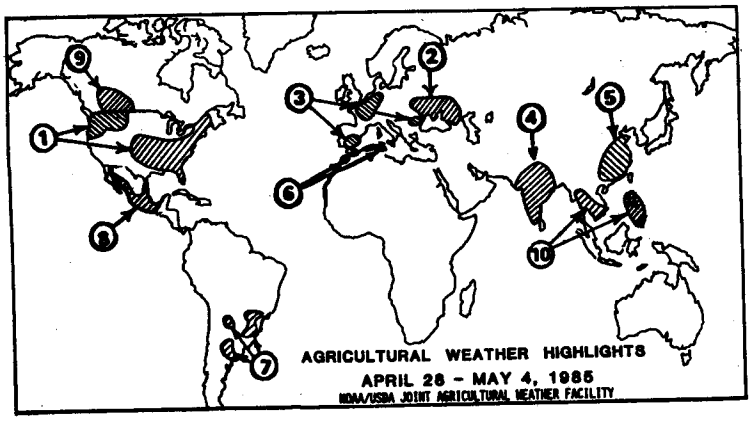
GLOBAL WEATHER SATELLITE PHOTO

May 6, 1985



International Weather and Crop Summary

April 28 - May 4



HIGHLIGHTS:

1. UNITED STATES ... Rain in the central Plains and Delta States hampers preparing land and planting but maintains adequate soil moisture. The east coast drought continues and spreads westward, but recent rains help some areas. Northern Plains and Northern Mountain States are also too dry, slowing small grain development.

2. WESTERN USSR ... Rainfall in the west favors winter grains but slows spring planting.

3. EUROPE ... Showers keep soils moist in most areas, but southeast Romania remains too dry. Timely rain aids heading winter grains in southern Spain, but cool weather across northern and central Europe slows crop development.

4. SOUTH ASIA ... Hot, dry weather continues as agriculture awaits the arrival of monsoon rain.

5. EASTERN ASIA ... Rainfall decreases in the rice region but benefits winter wheat and summer crops in the North China Plain.

6. NORTHWESTERN AFRICA ... Rain slows any further yield reductions in Morocco.

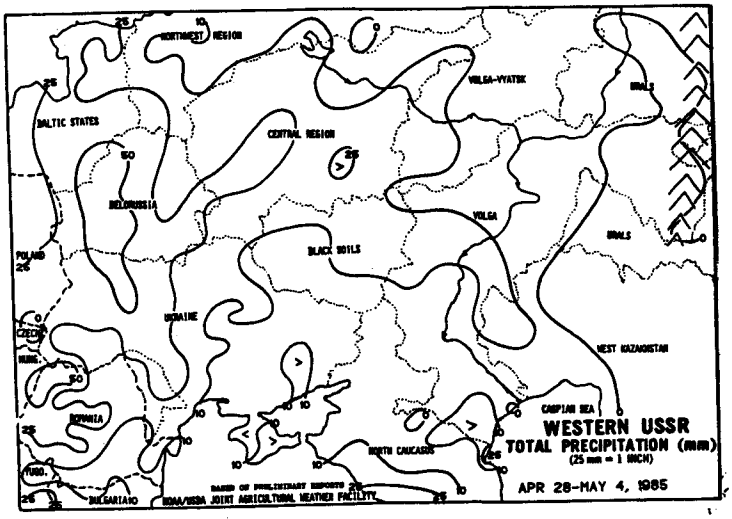
7. SOUTH AMERICA ... Early-week showers slow harvesting in Argentina and southern Brazil, but cool, dry weather later in the week improves field conditions. The first frost of the season occurs in western crop areas of Argentina and scattered locations of southern Brazil.

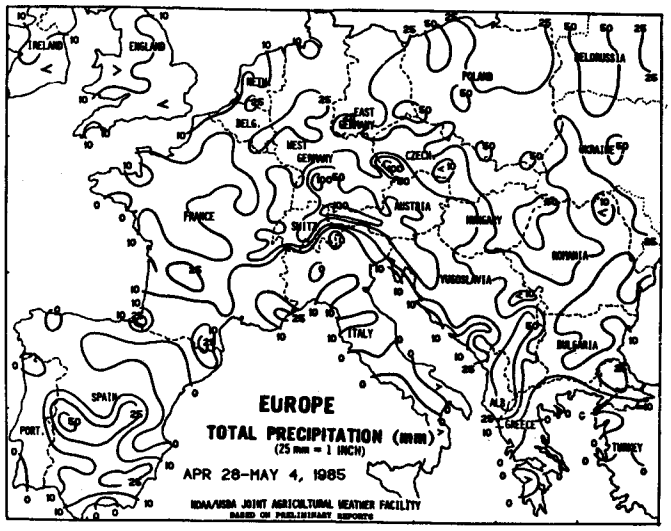
8. MEXICO ... Tropical rains dot parts of the southern Plateau corn belt, benefiting crop development.

9. CANADA ... Light showers and mild weather stimulate early crop planting in southern portions of the Prairie Provinces.

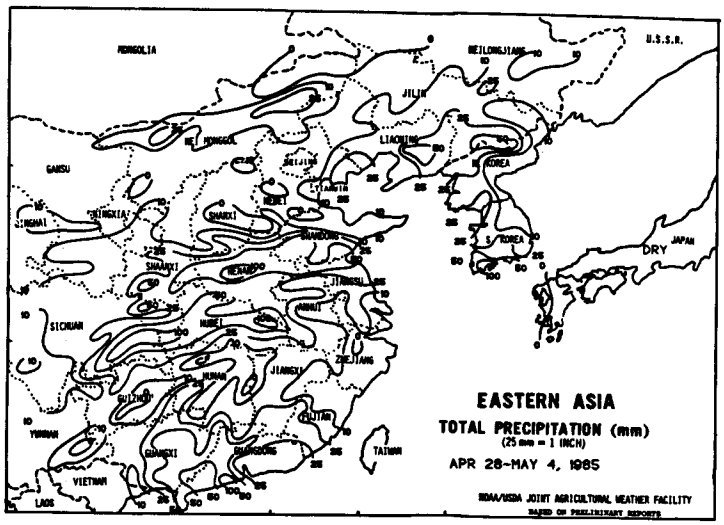
10. SOUTHEAST ASIA ... Variable rain favors most rice areas as planting continues.

WESTERN USSR...An early-week frontal system produced moderate to heavy rain (25-50mm) in much of the Ukraine, Belorussia, and the Baltic States, benefiting winter grains in the vegetative stage but hampering spring planting. The frontal system weakened as it moved across the North Caucasus and the lower Volga Valley, producing only light showers. Temperatures were slightly above normal in the east, favoring early crop development. Light showers in the Black Soils and Volga Valley moistened topsoils, but subsoil moisture is unfavorably low. Moderate rain in the Central Region benefited winter grains in the vegetative stage, but cool temperatures continue to slow growth. Light showers in the eastern New Lands moistened topsoils for spring planting.

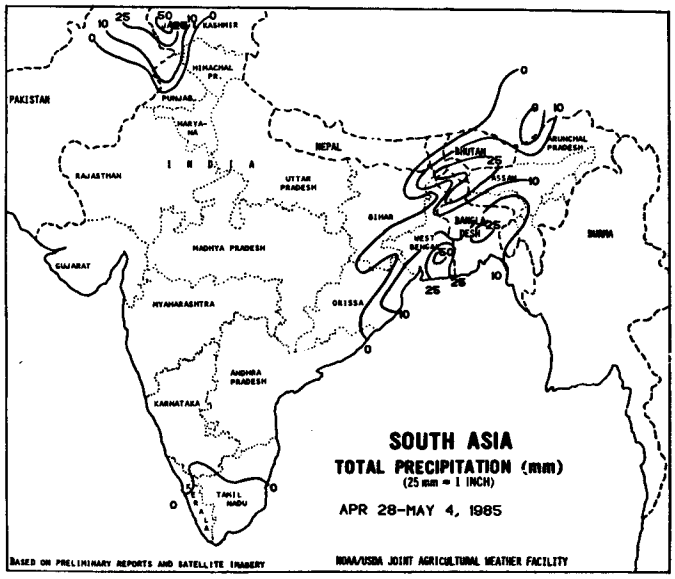




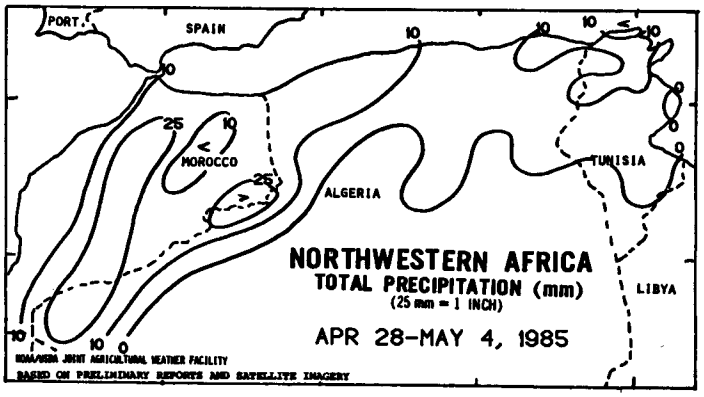
EUROPE...Cool, showery weather covered most of Europe. Dry weather was confined to southern Italy and to northern Spain, where the previous week's moisture helped winter grains in vegetative growth. Light rain (less than 10mm) fell over England, north-central France, Italy's Po Valley, northeastern Bulgaria, and southeastern Romania. Southeastern Romania has been consistently dry in recent weeks, which may impede crop development. More substantial rain fell elsewhere in Europe, averaging over 50mm across the Alpine region and across scattered areas throughout eastern Europe. Additional rain in southern Spain aided heading winter grains. Cold weather resulted in below-normal weekly temperatures except in the Mediterranean region. Widespread frost in north-central Europe slowed crop development.



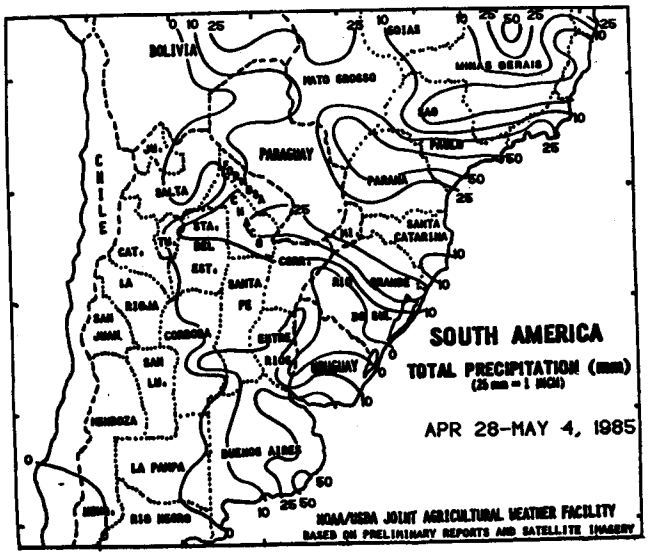
EASTERN ASIA...Rainfall decreased in the south during the last 3 weeks. Moderate rain in Guangxi and Guangdong benefited early rice in the heading stage. However, relatively drier weather stretched from Guizhou through Zhejiang, where early rice is nearing the heading stage. Intermediate rice planting normally continues through May, while late single crop rice planting is normally just beginning. Moderate to heavy rain (25-100mm) benefited crops in the North China Plain. Rain in Henan and Shandong especially benefited winter wheat entering the heading stage and early growth of cotton, corn, and soybeans. Temperatures averaged well-above normal in the North China Plain. Midweek temperatures in the low 30's were unfavorable for nonirrigated crops in the north, but cooler weather returned later in the week. Light showers (10-15mm) aided corn and soybean planting in the northeast.



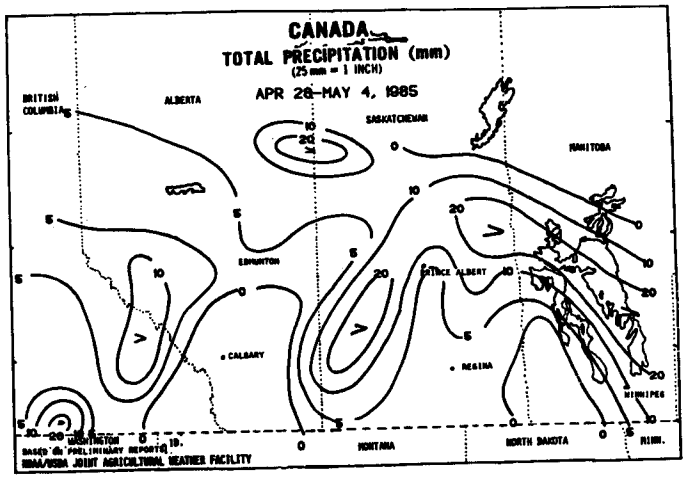
SOUTH ASIA...Moderate showers fell in Bangladesh and eastern India, while seasonably hot, dry weather covered most of the region. Light to moderate rain slowed wheat harvesting in minor producing areas of extreme northern Pakistan and India. Wheat harvesting in the major producing areas is normally completed by the end of April.



NORTHWESTERN AFRICA...Variable rain fell across all of the grain region. Light to moderate rain in Algeria and Tunisia was favorable for winter grains in the filling stage. Following moderate rain last week, eastern Moroccan grain areas received 10-25mm of rain, while the western grain region received less than 10mm. The recent moisture benefited late grain filling, but earlier persistent dryness lowered yields. Temperatures averaged near normal in Morocco and slightly above normal in Algeria and Tunisia.

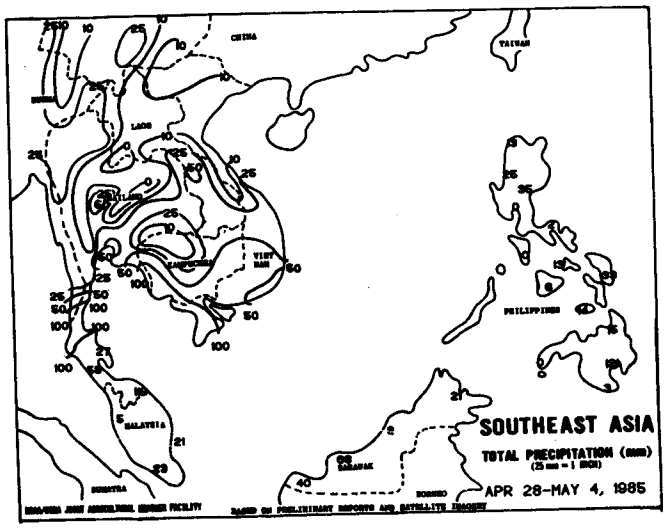


SOUTH AMERICA...A storm brought rain to eastern Argentina early in the week and spread into south-central Brazil, somewhat slowing crop harvesting. Weekly rainfall in Argentina's summer crop areas averaged 15-30mm, while amounts in southern Brazil ranged from 10-75mm. Heavier rain was mostly concentrated over northern Parana and extreme southern Mato Grosso do Sul. By midweek, fair weather dominated from Parana southward into Argentina. Clear skies accompanied cool, polar air, which brought the first frost of the season to Argentina and southern Brazil. Widespread frost reached into southwestern crop areas of Argentina while light, scattered frost reached into Rio Grande do Sul and Santa Catarina, Brazil. The cool dry weather aided harvesting.



CANADA...Light showers and mild weather covered the Prairie Provinces. Weekly rainfall averaged less than 5mm in most areas, except northwestern crop areas of Saskatchewan where 10-20mm of rain fell. Dry weather prevailed over southwestern crop areas of Alberta and along the Saskatchewan-Manitoba border. Early crop planting began, with 2 percent of Saskatchewan's crop acreage reportedly planted. Planting has been concentrated in southern areas, but seeding will become more widespread across the grain belt with the milder weather. Weekly temperatures, generally averaging 3-5C above normal for the second consecutive week, promoted fieldwork. Moisture was generally fair to good, but low subsoil moisture is reported in southwestern Saskatchewan.

MEXICO...Tropical showers developed over central and eastern parts of the southern Plateau corn belt, supporting crop germination and early growth. The western corn belt continued dry. A few light showers dotted north central cotton and ranges. But, the rain was too light to significantly improve soil moisture. The remainder of the country was generally sunny and dry, good for outdoor activities, but requiring growers to irrigate immature crops for optimum growth.



SOUTHEAST ASIA...Moderate rain (25-40mm) early in the week favored rice planting in northern and southeastern Thailand. Relatively drier weather occurred in central Thailand, but isolated showers improved topsoil moisture for corn planting. Rice and corn planting in Thailand normally begins in late April or early May and continues for about 2 months. Transplanting rice can extend into August in the major south- central region. Temperatures averaged slightly cooler than normal, favoring early growth. Scattered showers aided rice planting throughout the Philippines.

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(Continued from p. 20)

PASTURES AND LIVESTOCK: Pastures were mostly fair to good except along the east coast. Rains somewhat improved pastures in the East Coast States, but conditions remained below normal. Livestock was mostly good, especially in Texas.

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