WEEKLY WEATHER AND CROP BULLETIN

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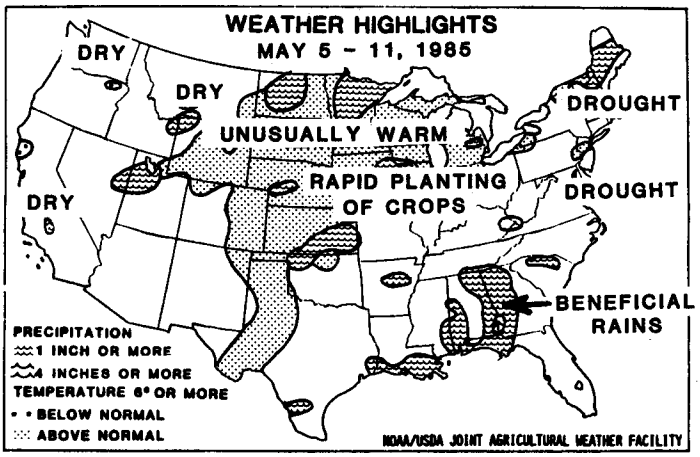
National Weather Summary

May 5 to 11, 1985



HIGHLIGHTS: Light to moderate thunderstorms moved from the central Plains to Alabama, Georgia, and South Carolina. Lighter storms covered most of Texas. Light to moderate showers covered the northern and central Rockies and central Plateau. Late in the week, tornadoes, hail, high wind, and heavy rain covered a large portion of North Dakota and northern Minnesota. Light showers spread southeastward as the week ended. Little or no rain fell in the dry parts of Montana and South Dakota. Some light showers fell along the east coast, but the driest areas had no rain. Little or no rain fell in the West Coast States. Temperatures were warmer than normal over most of the Nation--only the west coast was near or cooler than normal. Average temperatures in the northern Plains and western Great Lakes regions were as much as 12 degrees warmer than normal.

SUNDAY...Showers and thunderstorms triggered hail from the Texas Panhandle to eastern Colorado, through the central Plains, and into the eastern portion of the northern Plains. Light rainshowers also fell through the Great Lakes region and the Northeast. Cooler weather spread over the northern Plains, but warm temperatures continued in the southern Plains.

MONDAY...Showers and thunderstorms developed along the eastern slopes of the central Rockies and spread through Oklahoma, Kansas, and southern Missouri. Lighter rain reached from the upper Ohio Valley to New England. The warmest weather was across the South and Southeast, but the northern Plains was warming.

TUESDAY...Thunderstorms were widely scattered in Texas, Oklahoma, and Kansas but were more frequent from Arkansas and Missouri to the Tennessee Valley and western Georgia. Light rain fell in New York and New England. Unusually warm weather spread over the western portion of the northern Plains, the northern Rockies, and central Plateau.

WEDNESDAY...The showers and thunderstorms reached from southeastern Texas to Tennessee, the Carolinas, and the Florida Panhandle. Severe weather produced some moderate to heavy rain, winds, hail, and a few tornadoes in Alabama and Georgia. Eastern temperatures were somewhat cooler, but afternoon temperatures soared into the eighties in the northern Plains.

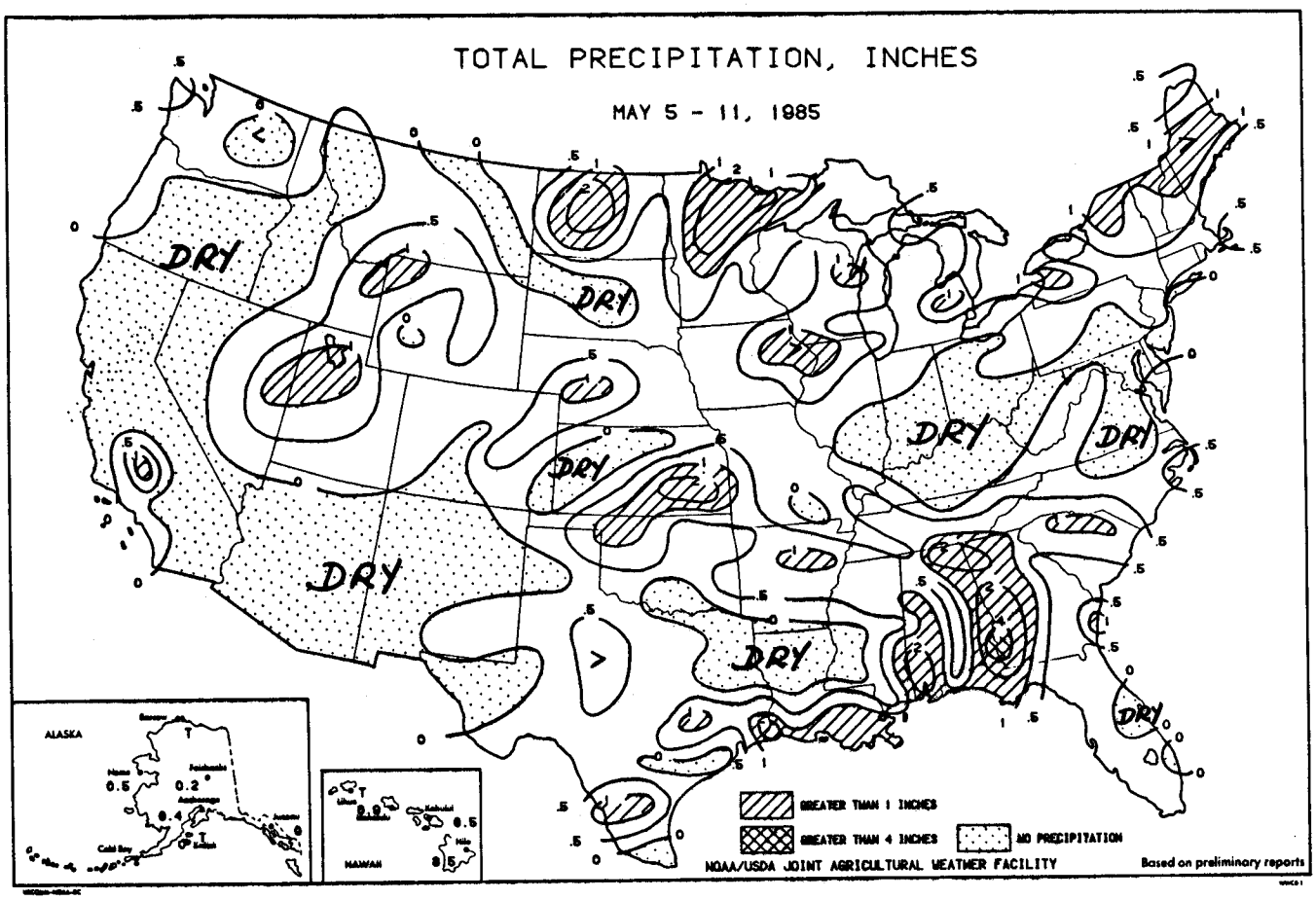
THURSDAY...It was a cool morning in both the Northeast and the Northwest. Freezing temperatures were reported in the northern Appalachians, the Rockies, and the Cascades. Warm weather covered the Plains and the upper Mississippi Valley. Showers and thunderstorms were lighter in the Southeast, and light showers developed through the Rockies and central Plateau.

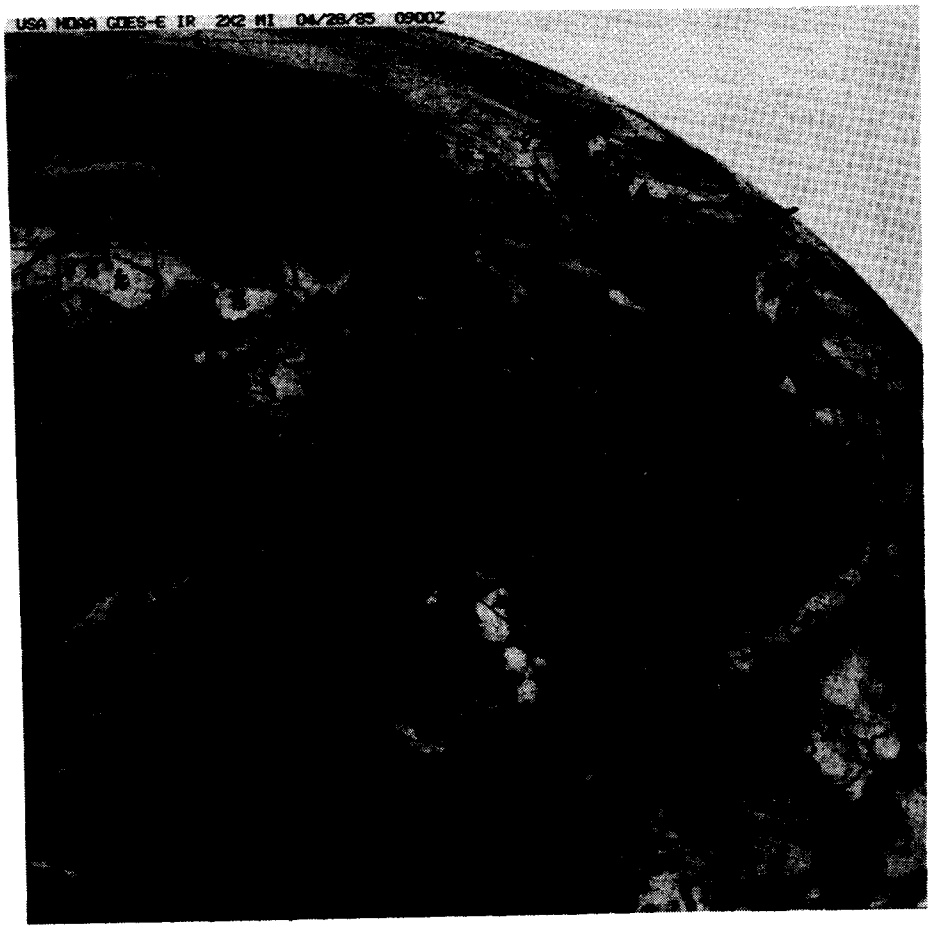
FRIDAY...Thunderstorms spawned severe weather across northern Minnesota and North Dakota, and lighter showers and thunderstorms scattered through the central and northern Plains. Light to moderate showers fell in the northern and central Rockies and the central Plateau. Light thunderstorms continued in the Southeast.

SATURDAY...The area of severe weather broadened in the northern Plains. Tornadoes, hail, high wind, and heavy rain covered large areas in North Dakota and Minnesota. Lesser showers and thunderstorms covered all of the northern Plains, the upper and middle Mississippi Valley, the Great Lakes region, the Ohio Valley, and through the Carolinas and Virginia.

Contents Page

National Weather Summary 1
Precipitation & North American Satellite Photo 2
Soil Temperature & Pan Evaporation 3
Extreme Maximum Temperature & Growing Degree Days 4
Average Temperature & Departure 5
Crop Moisture & Crop Moisture Index 6
Weather Data for Selected Cities 7
Cooling Degree Days Table 10
Cooling Degree Days Maps 11
April Streamflow 12
National Agricultural Summary 14
Crop Progress Tables 15
State Summaries of Weather & Agriculture . . . 16
Global Weather Satellite Photo 22
International Weather & Crop Summary with April Weather Maps 23
"Nostalgia: A 1915 Weekly Weather & Crop Bulletin" 35
Subscription & Mailing Permit Information . . 36



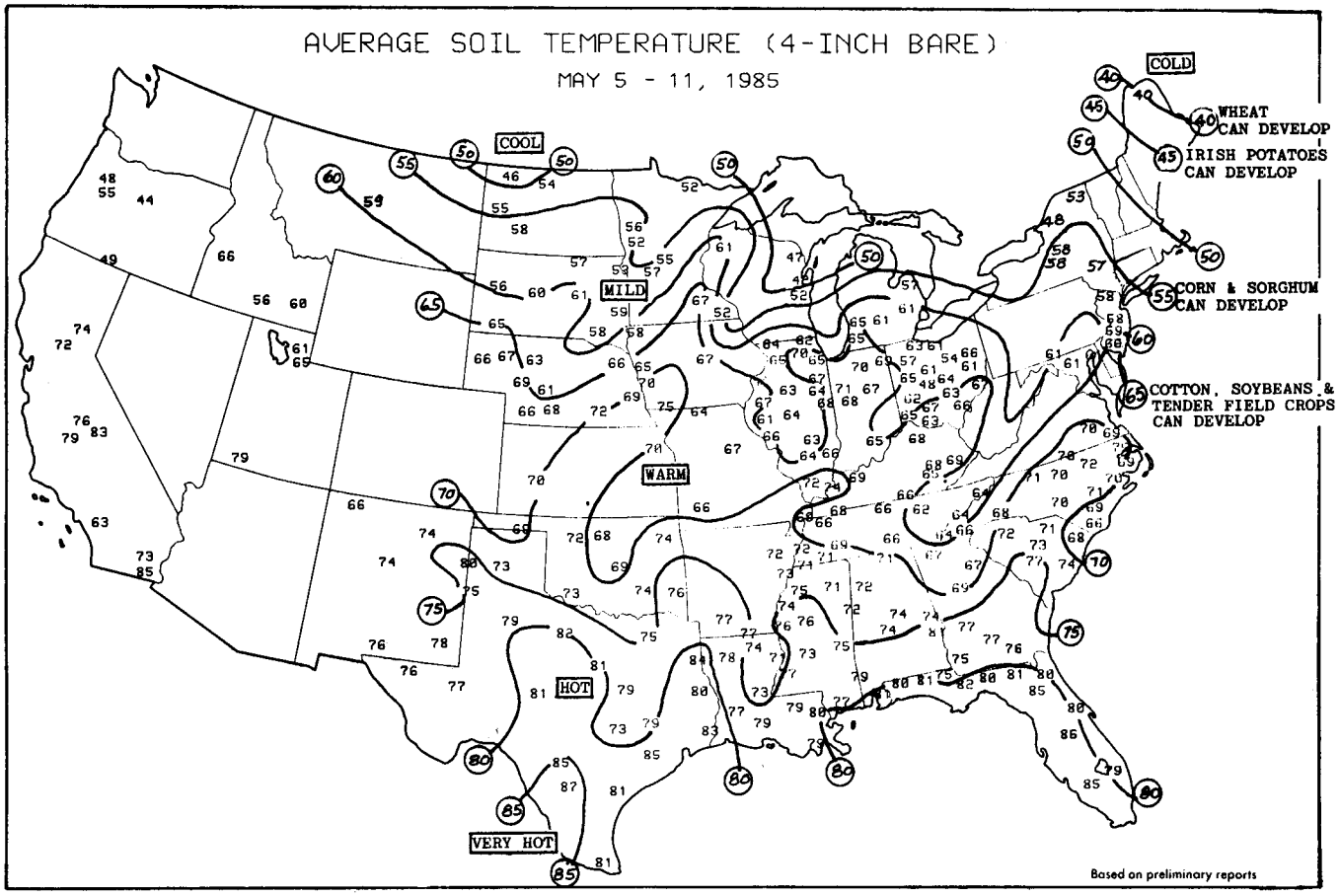


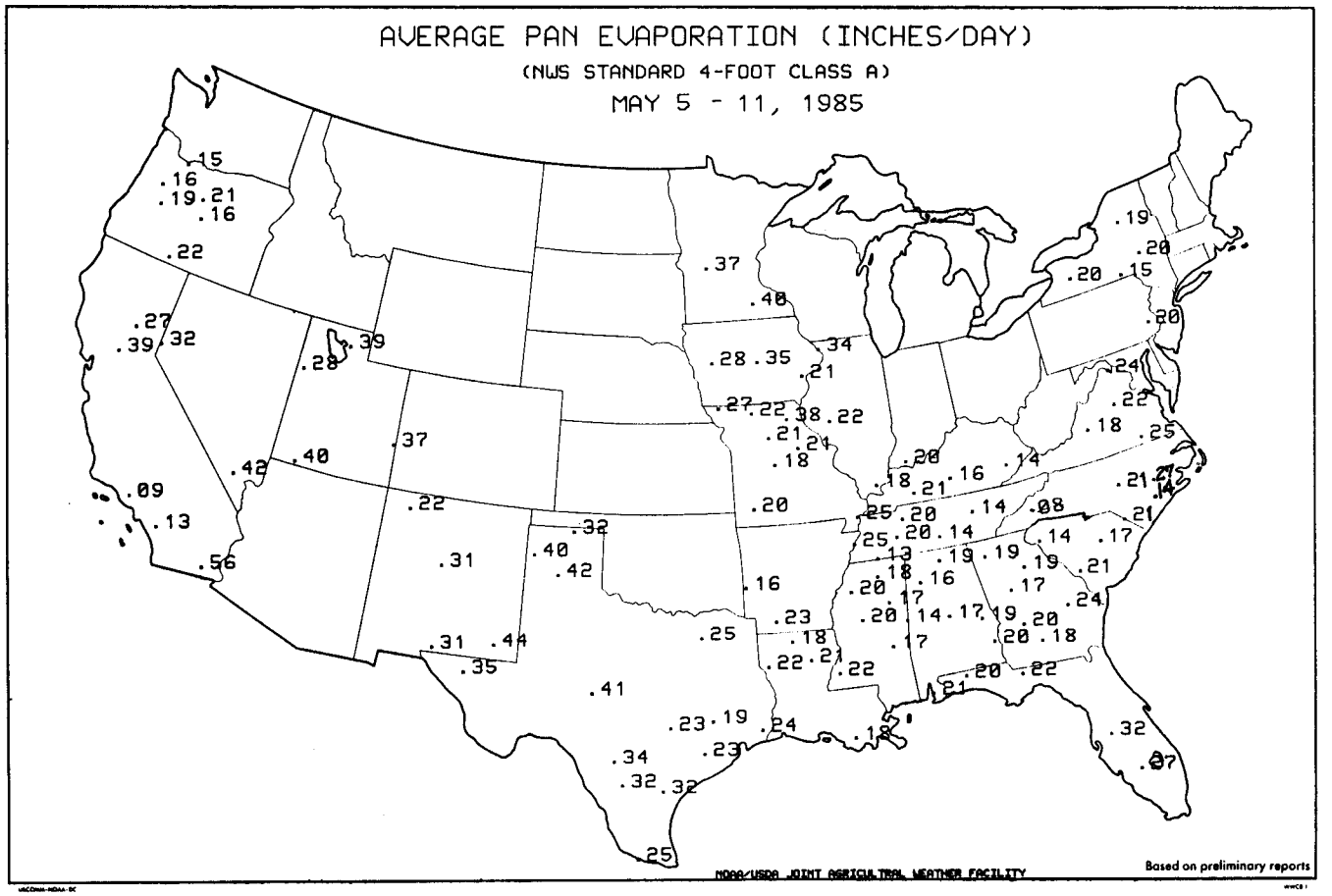
A FRONTAL SYSTEM MEANDERS THROUGH THE SOUTH. WAVES OF LOW PRESSURE MOVE EASTWARD ALONG THE FRONT AND TRIGGER SHOWERS AND THUNDERSTORMS AS WARM, MOIST AIR FROM THE GULF OF MEXICO FLOWS NORTHWARD AND LIFTS OVER THE FRONTAL SURFACE.

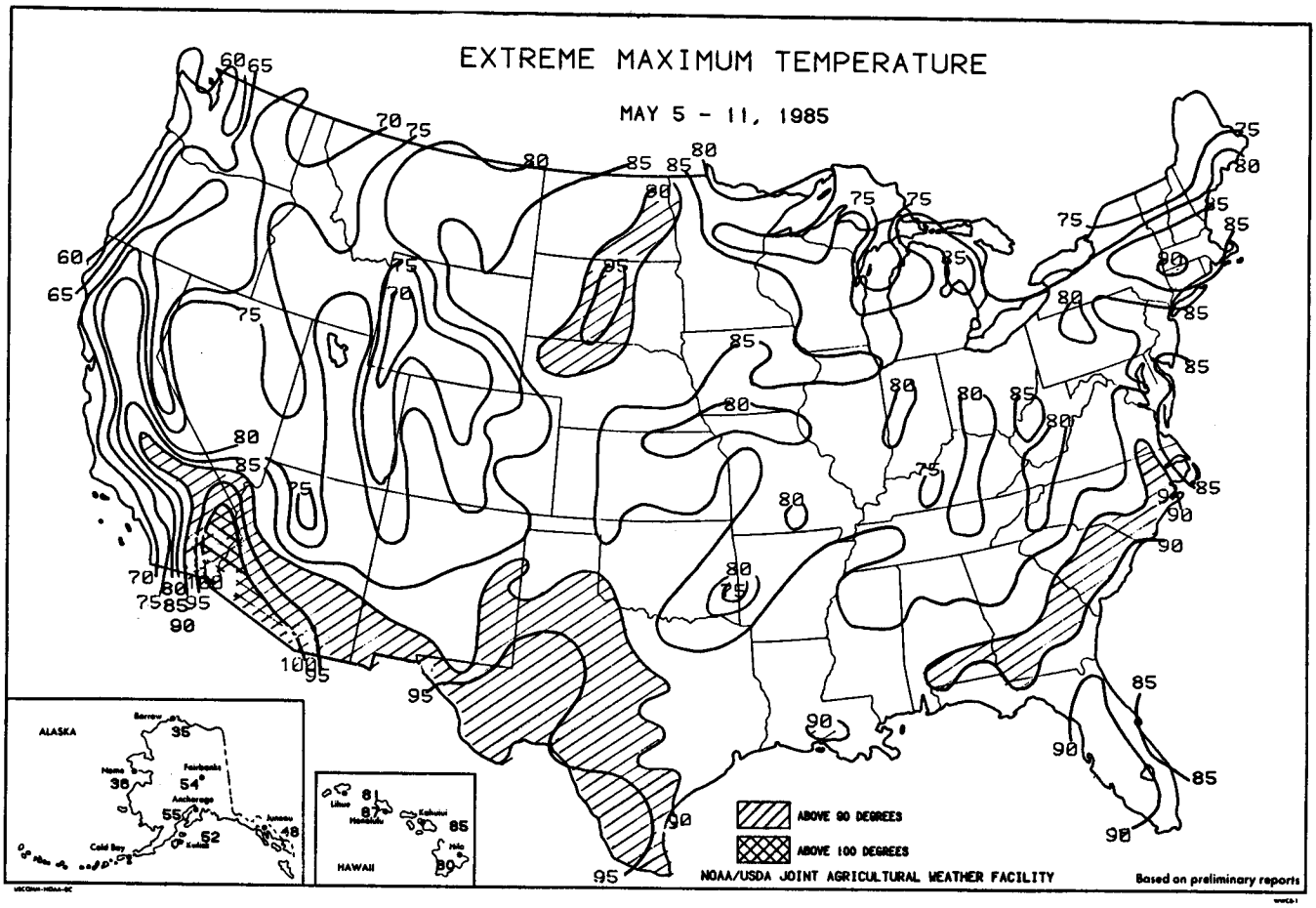
RAIN FALLING IN THE NORTHERN ROCKIES AND PLATEAU BENEFITS WHEAT IN THE PALOUSE REGION OF WASHINGTON, OREGON, AND IDAHO.

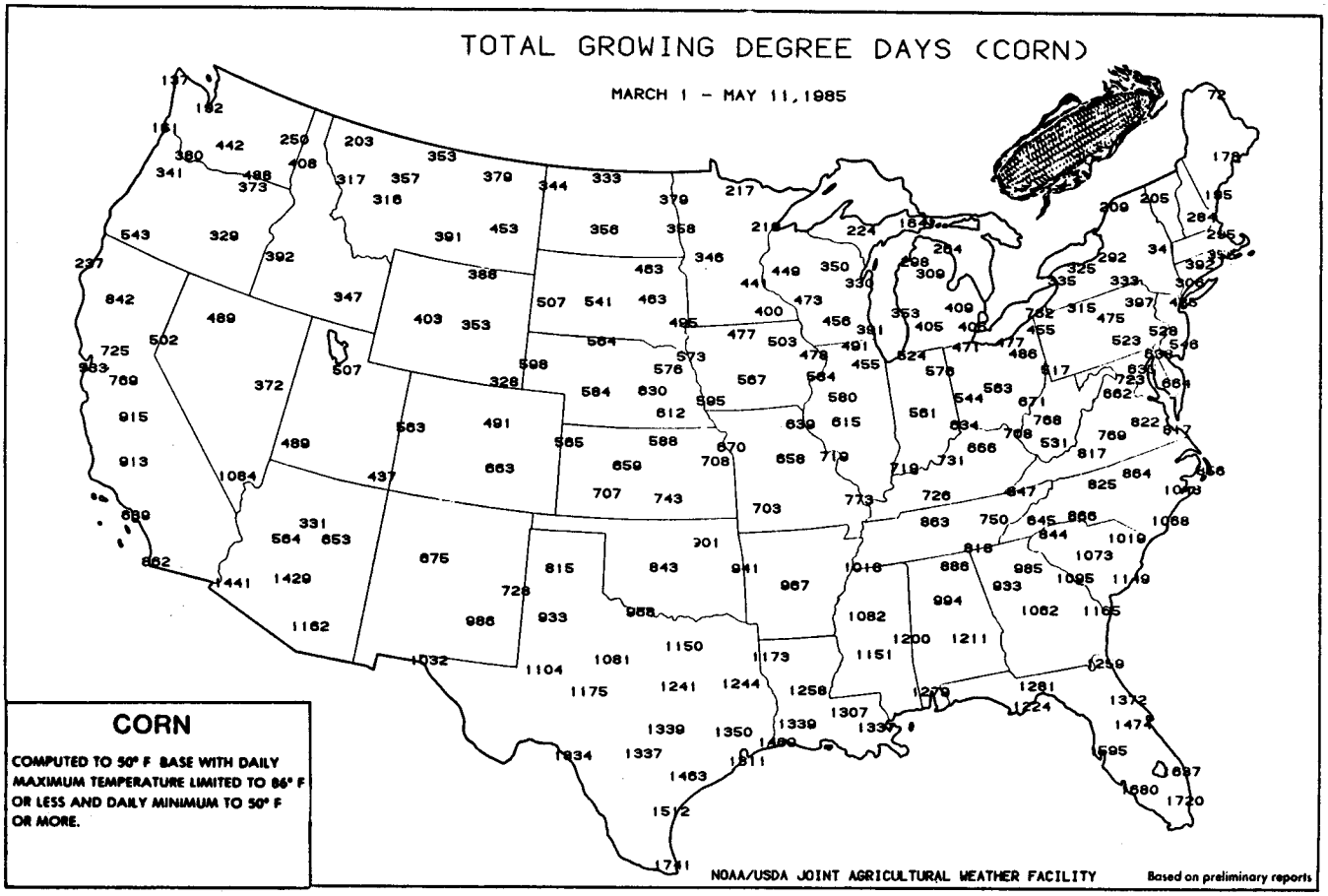
LEGEND:

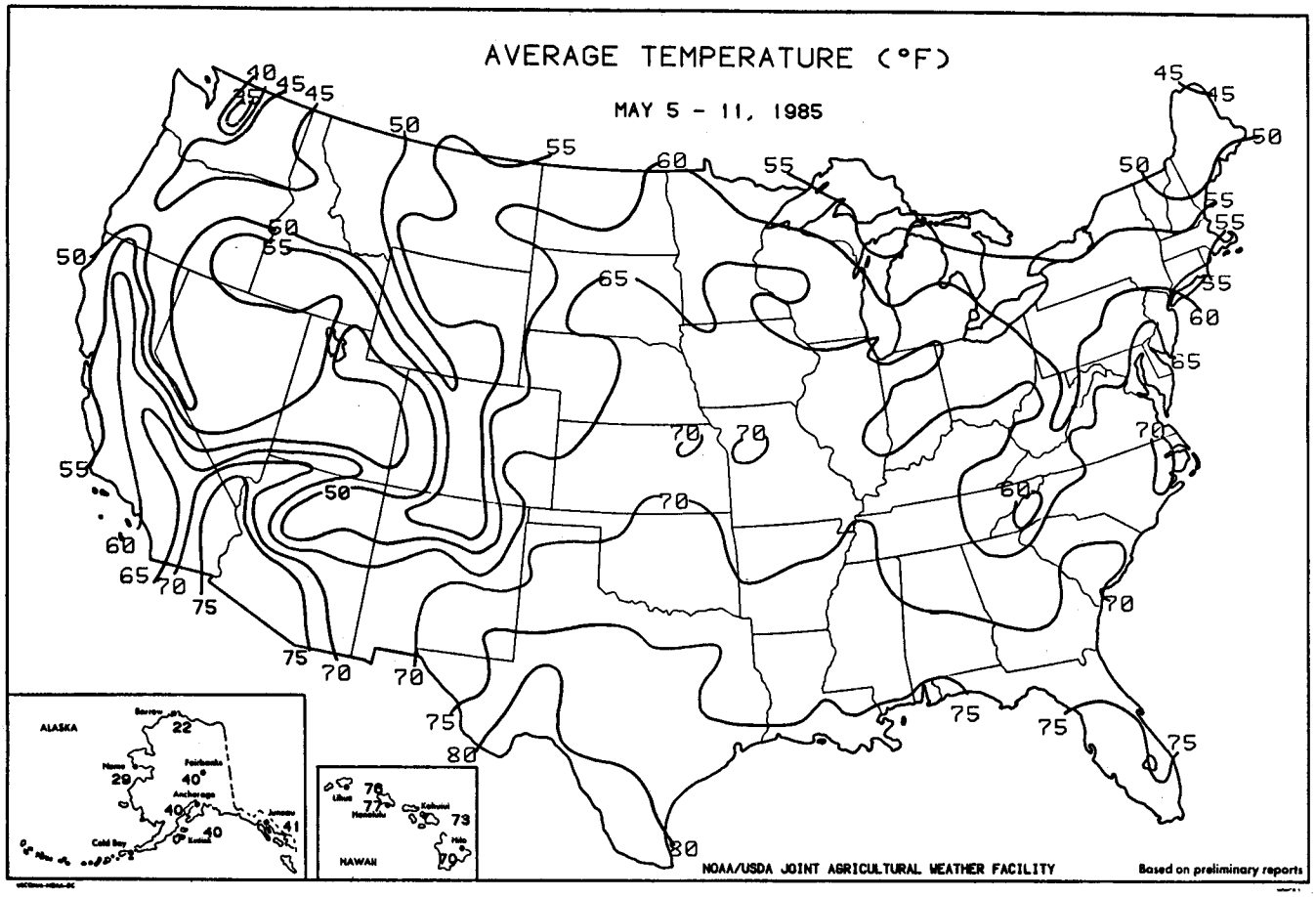
- SNOW
- RAIN
- RAINSHOWERS
- THUNDERSTORMS
- PRECIPITATION AREAS

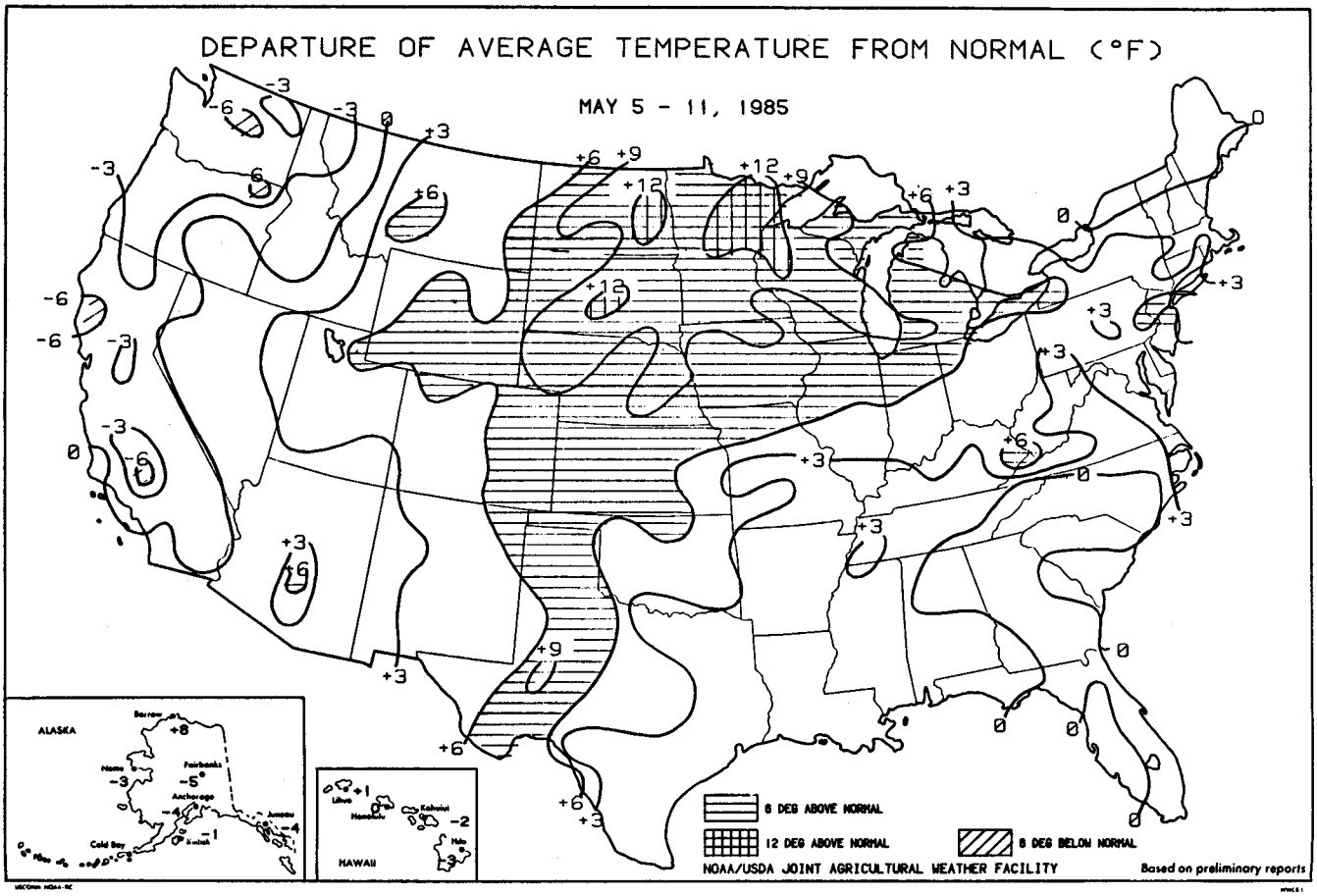

AVERAGE SOIL TEMPERATURE (4-INCH BARE)
MAY 5 - 11, 1985
COLD
COOL
MILD
WARM
HOT
VERY HOT
WHEAT CAN DEVELOP
IRISH POTATOES CAN DEVELOP
CORN & SORGHUM CAN DEVELOP
COTTON, SOYBEANS & TENDER FIELD CROPS CAN DEVELOP
Based on preliminary reports

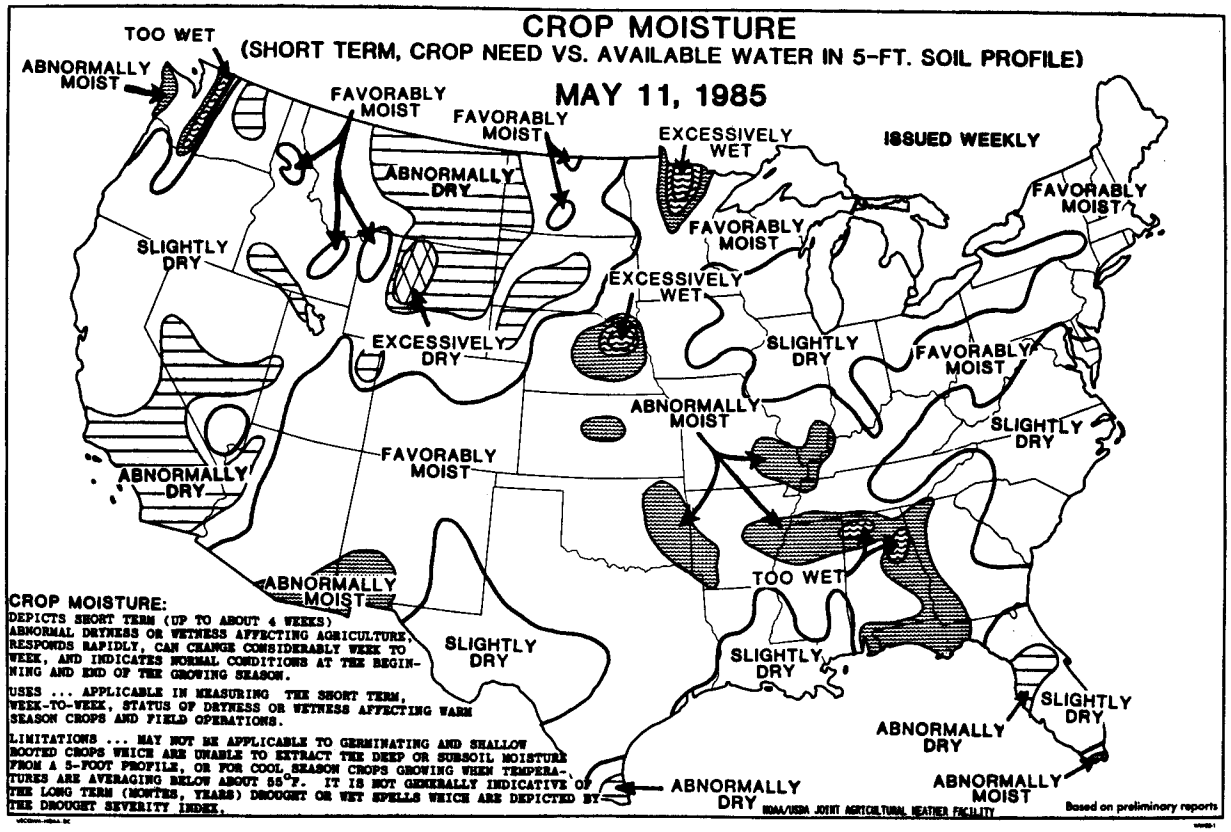

AVERAGE PAN EVAPORATION (INCHES/DAY)
(NWS STANDARD 4-FOOT CLASS A)
MAY 5 - 11, 1985
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

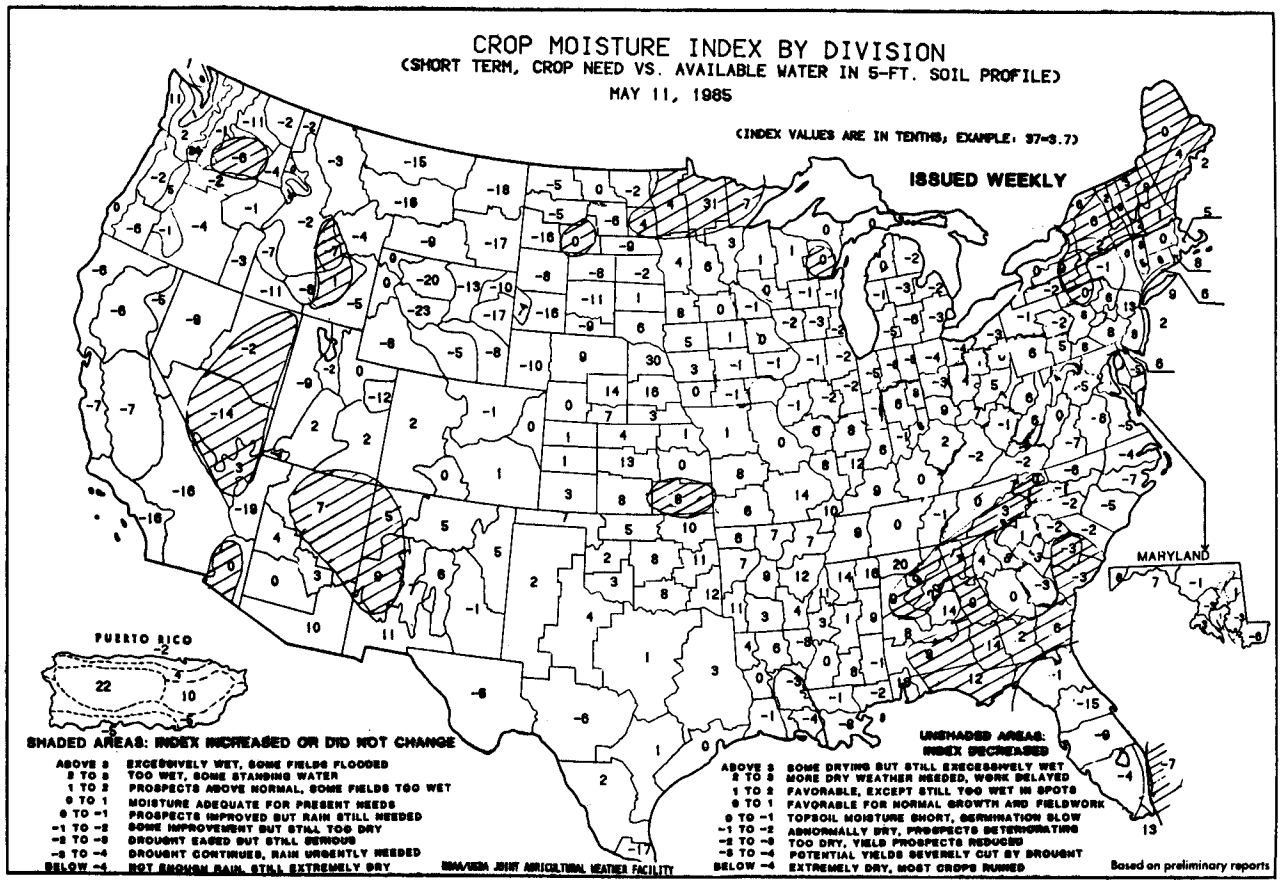

EXTREME MAXIMUM TEMPERATURE
MAY 5 - 11, 1985
ALASKA
HAWAII
ABOVE 90 DEGREES
ABOVE 100 DEGREES
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


TOTAL GROWING DEGREE DAYS (CORN)
MARCH 1 - MAY 11, 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)
MAY 5 - 11, 1985
ALASKA
HAWAII
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


DEPARTURE OF AVERAGE TEMPERATURE FROM NORMAL (°F)
MAY 5 - 11, 1985
ALASKA
HAWAII
8 DEG ABOVE NORMAL
12 DEG ABOVE NORMAL
8 DEG BELOW 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 11, 1985
ISSUED WEEKLY
TOO WET
ABNORMALLY MOIST
FAVORABLY MOIST
FAVORABLY MOIST
EXCESSIVELY WET
ABNORMALLY DRY
FAVORABLY MOIST
FAVORABLY MOIST
SLIGHTLY DRY
EXCESSIVELY WET
EXCESSIVELY DRY
SLIGHTLY DRY
FAVORABLY MOIST
ABNORMALLY MOIST
SLIGHTLY DRY
ABNORMALLY DRY
FAVORABLY MOIST
TOO WET
ABNORMALLY MOIST
SLIGHTLY DRY
SLIGHTLY DRY
SLIGHTLY DRY
ABNORMALLY DRY
ABNORMALLY DRY
ABNORMALLY MOIST
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 11, 1985
(INDEX VALUES ARE IN TENTHS; EXAMPLE: 37=3.7)
ISSUED WEEKLY
MARYLAND
PUERTO RICO
SHADED AREAS: INDEX INCREASED OR DID NOT CHANGE
ABOVE 3 EXCESSIVELY WET, SOME FIELDS FLOODED
2 TO 3 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 3 SOME DRYING BUT STILL EXCESSIVELY WET
2 TO 3 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
-1 TO -2 TOPSOIL MOISTURE SHORT, GERMINATION SLOW
-2 TO -3 ABNORMALLY DRY, PROSPECTS DETERIORATING
-3 TO -4 TOO DRY, YIELD PROSPECTS REDUCED
BELOW -4 POTENTIAL YIELDS SEVERELY CUT BY DROUGHT
EXTREMELY DRY, MOST CROPS RUINED
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

Weather Data for the Week Ending May 11, 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	78	57	84	51	67	-1	.3	-.8	.3	7.0	52	16.8	72	98	58	0	0	2	0
MOBILE	84	63	88	57	73	0	2.7	1.4	2.6	10.7	78	22.2	95	92	51	0	0	3	1
MONTGOMERY	83	62	86	55	73	2	.5	-.4	.3	7.4	63	19.7	96	94	54	0	0	4	0
AK ANCHORAGE	47	32	55	29	40	-4	.4	.3	.3	1.8	115	3.3	100	83	42	0	4	3	0
BARROW	29	15	35	5	22	8	T	0	T	.2	45	.3	38	90	70	0	7	1	0
FAIRBANKS	49	31	54	27	40	-5	.2	.1	.1	1.1	142	2.0	118	86	33	0	5	3	0
JUNEAU	44	37	48	34	41	-4	.8	0	.4	5.6	77	6.5	46	96	70	0	0	7	0
KODIAK	46	34	52	30	40	-1	T	-1.8	T	10.9	93	26.6	101	80	47	0	3	1	0
NOME	34	24	36	18	29	-3	.5	.4	.3	2.0	147	3.2	119	92	73	0	7	4	0
AZ PHOENIX	94	69	102	63	82	7	0	-.1	0	.6	54	1.8	72	29	9	5	0	0	0
PRESCOTT	71	44	80	36	58	3	T	-.1	T	2.4	94	5.1	89	60	23	0	0	0	0
TUCSON	88	58	96	50	73	3	0	-.1	0	.7	59	3.4	131	38	12	3	0	0	0
YUMA	91	64	101	58	77	1	0	0	0	T	11	.3	30	43	15	5	0	0	0
AR FORT SMITH	80	58	83	51	69	1	.5	-.7	.4	12.4	126	19.8	139	93	51	0	0	2	0
LITTLE ROCK	80	61	85	56	70	2	.2	-1.0	.2	11.2	92	17.6	90	90	50	0	0	1	0
CA BAKERSFIELD	76	49	85	45	63	-6	1.4	1.4	1.4	1.9	114	2.8	74	71	27	0	0	1	1
EUREKA	57	44	60	40	51	-1	T	-.4	T	5.2	60	9.5	45	86	58	0	0	0	0
FRESNO	78	51	87	48	65	-1	0	-.1	0	1.9	63	3.0	43	68	26	0	0	0	0
LOS ANGELES	64	55	67	52	60	-2	.2	.1	.1	.9	31	3.5	42	74	45	0	0	2	0
RED BLUFF	77	50	86	47	64	-1	0	-.2	0	3.1	73	4.6	38	62	22	0	0	0	0
SACREMENTO	74	46	83	43	60	-3	0	-.1	0	2.0	56	4.2	40	85	28	0	0	0	0
SAN DIEGO	67	60	68	59	64	1	T	-.1	T	1.0	39	2.2	37	74	55	0	0	0	0
SAN FRANCISCO	64	48	67	46	56	-1	T	-.1	T	3.4	78	6.5	53	83	48	0	0	1	0
CO DENVER	75	49	82	45	62	8	T	-.5	T	3.3	85	4.6	90	63	21	0	0	2	0
GRAND JUNCTION	76	51	81	45	64	4	.1	-.1	.1	2.8	158	3.6	120	44	20	0	0	3	0
PUEBLO	80	50	87	45	65	7	.4	.1	.4	2.7	122	3.6	133	80	27	0	0	1	0
CT BRIDGEPORT	68	49	84	41	59	3	.2	-.6	.2	4.6	51	7.6	50	85	48	0	0	2	0
HARTFORD	71	45	90	29	58	1	.3	-.4	.3	4.9	52	7.3	45	79	31	1	1	1	0
DC WASHINGTON	81	57	85	51	69	5	0	-.8	0	2.8	37	8.0	62	75	39	0	0	0	0
FL APALACHICOLA	82	63	86	60	72	0	1.4	.8	1.0	5.9	71	13.3	86	91	60	0	0	2	1
DAYTONA BEACH	83	61	87	54	72	-1	0	-.6	0	5.3	86	6.6	57	87	51	0	0	0	0
JACKSONVILLE	84	62	88	57	73	1	.1	-1.0	.1	5.0	58	7.5	49	92	47	0	0	1	0
KEY WEST	84	73	85	71	79	-1	.1	-.5	.1	12.8	350	13.4	184	80	58	0	0	1	0
MIAMI	84	68	86	64	76	-1	.2	-1.0	.2	5.0	74	5.4	50	86	50	0	0	2	0
ORLANDO	87	64	90	60	75	-1	0	-.7	0	6.7	103	8.9	79	95	40	1	0	0	0
TALLAHASSEE	87	62	91	56	74	2	1.1	0	.8	6.6	58	11.2	53	95	47	1	0	2	1
TAMPA	89	67	92	65	78	3	.1	-.5	.1	2.9	47	7.1	62	84	37	3	0	1	0
WEST PALM BEACH	83	67	86	62	75	-2	.8	-.4	.7	8.2	107	9.5	73	90	54	0	0	2	1
GA ATLANTA	75	57	83	52	66	-1	1.4	.4	.8	8.0	68	17.2	81	89	55	0	0	4	1
AUGUSTA	83	58	91	45	71	1	.4	-.4	.3	3.2	34	13.1	75	96	46	1	0	3	0
MACON	80	58	88	48	69	-2	1.0	.1	.5	4.9	49	12.8	68	98	56	0	0	4	1
SAVANNAH	84	60	92	49	72	1	.2	-.8	.2	4.2	49	6.1	41	87	46	1	0	1	0
HI HILO	75	65	80	63	70	-3	8.5	6.1	2.3	44.6	146	62.9	118	96	71	0	0	7	6
HONOLULU	84	70	87	68	77	0	.9	.6	.4	2.3	43	7.6	64	81	49	0	0	3	0
KAHULUI	81	65	85	58	73	-2	.5	.3	.5	2.9	66	5.3	45	90	54	0	0	1	0
LIHUE	81	72	81	66	76	1	T	-.7	T	2.9	32	12.9	68	74	56	0	0	1	0
ID BOISE	69	41	78	29	55	0	T	-.3	T	1.9	71	2.7	50	65	18	0	1	0	0
LEWISTON	64	41	71	36	53	-4	.1	-.2	0	1.7	67	2.6	53	71	30	0	0	2	0
POCATELLO	69	42	80	31	55	4	.6	.3	.5	2.5	98	4.1	91	67	26	0	1	2	0
IL CHICAGO	77	51	87	38	64	7	.4	-.4	.3	6.6	90	11.6	113	87	37	0	0	3	0
MOLINE	79	55	85	49	67	8	1.1	.2	1.0	8.1	98	11.9	106	77	36	0	0	2	1
PEORIA	78	54	83	50	66	7	.2	-.7	.2	7.5	93	11.1	100	90	42	0	0	1	0
QUINCY	78	57	80	53	67	7	.2	-.8	.2	5.6	66	9.9	88	83	42	0	0	2	0
ROCKFORD	77	51	85	42	64	8	1.0	.1	.9	5.7	70	8.5	79	92	42	0	0	2	1
SPRINGFIELD	78	54	81	48	66	5	.2	-.5	.2	6.6	79	10.2	87	88	40	0	0	2	0
IN EVANSVILLE	78	55	81	48	66	3	T	-1.0	T	10.9	106	16.9	104	83	43	0	0	1	0
FORT WAYNE	80	50	83	44	65	8	T	-.8	T	5.8	75	11.4	97	81	35	0	0	0	0
INDIANAPOLIS	77	51	81	44	64	4	T	-.8	T	10.7	125	15.8	115	85	43	0	0	0	0
SOUTH BEND	77	52	83	41	64	8	.1	-.6	.1	5.9	72	12.8	102	82	33	0	0	1	0
IA DES MOINES	78	55	85	47	67	7	.5	-.3	.4	4.1	61	6.8	76	83	39	0	0	2	0
SIOUX CITY	79	55	87	43	67	8	.2	-.5	.1	7.4	145	7.8	118	77	38	0	0	2	0
WATERLOO	77	54	85	44	65	9	1.4	.5	1.2	5.7	81	7.5	84	85	40	0	0	2	1
KS CONCORDIA	77	58	79	56	68	7	T	-.8	T	4.0	74	5.9	87	95	56	0	0	2	0
DODGE CITY	78	59	83	54	69	7	.4	-.3	.3	3.7	84	5.9	109	88	53	0	0	2	0
GOODLAND	75	54	87	48	64	8	T	-.6	T	1.5	49	2.2	56	91	38	0	0	1	0
TOPEKA	78	59	84	50	68	6	.6	-.3	.4	7.2	110	9.9	116	90	50	0	0	3	0
WICHITA	78	60	83	55	69	6	2.4	1.6	2.2	6.4	115	8.7	123	89	56	0	0	3	1
KY BOWLING GREEN	78	55	85	49	67	3	T	-.9	T	6.6	59	10.9	56	90	50	0	0	0	0
LEXINGTON	76	54	80	48	65	3	T	-.9	T	6.8	67	9.9	58	85	48	0	0	0	0
LOUISVILLE	79	56	83	49	68	4	T	-1.0	T	6.7	64	10.9	64	82	43	0	0	0	0
LA ALEXANDRIA	85	62	89	56	74	1	T	-1.5	T	5.1	39	17.1	74	91	50	0	0	0	0
BATON ROUGE	85	63	88	60	74	1	1.2	-.1	1.2	6.9	57	17.4	80	94	48	0	0	1	1
LAKE CHARLES	86	63	87	56	74	1	.6	-.6	.6	5.4	60	15.6	91	99	56	0	0	1	1
NEW ORLEANS	84	66	86	64	75	2	.3	-.9	.2	9.5	86	23.5	110	91	54	0	0	3	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending May 11, 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	83	61	87	53	72	1	0	-1.1	0	7.3	72	14.1	80	99	52	0	0	0	0
ME CARIBOU	56	34	72	27	45	-2	.4	-.2	.2	4.0	66	7.7	73	77	31	0	3	3	0
PORTLAND	62	40	84	28	51	1	.4	-.4	.2	5.0	55	7.6	46	83	41	0	2	3	0
MD BALTIMORE	80	52	88	46	66	5	0	-.8	0	4.3	52	9.3	65	70	33	0	0	0	0
SALISBURY	79	54	86	45	66	5	.1	-.7	.1	3.4	40	9.1	60	98	47	0	0	1	0
MA BOSTON	68	48	89	40	58	2	.3	-.5	.3	5.7	62	8.6	51	83	40	0	0	2	0
CHATHAM	64	36	69	30	50	0	.1	-.9	.1	9.1	97	12.7	71	--	--	0	2	1	0
MI ALPENA	68	40	82	30	54	5	.4	-.2	.3	6.1	112	10.5	125	97	52	0	1	3	0
DETROIT	74	48	82	40	61	6	.3	-.3	.2	6.8	102	13.3	130	88	39	0	0	2	0
FLINT	73	50	82	41	61	8	1.5	.9	1.5	9.2	149	14.2	154	89	45	0	0	1	1
GRAND RAPIDS	74	50	82	37	62	7	.3	-.4	.3	7.0	99	12.2	115	88	44	0	0	1	0
HOUGHTON LAKE	70	48	78	37	59	8	.2	-.4	.1	6.3	117	9.9	122	84	44	0	0	2	0
LANSING	73	50	82	37	61	7	.5	0	.5	6.9	114	11.9	127	87	46	0	0	1	1
MARQUETTE	69	43	86	29	56	9	.2	-.7	.1	11.7	149	17.5	150	95	46	0	1	4	0
MUSKEGON	71	48	81	35	60	6	.2	-.4	.2	6.3	95	11.6	108	80	45	0	0	1	0
SAULT STE. MARIE	65	42	80	32	54	7	.7	0	.6	9.1	169	14.6	157	96	56	0	1	3	1
MN ALEXANDRIA	76	52	87	41	64	12	1.7	1.1	1.4	6.0	140	6.9	119	86	36	0	0	4	1
DULUTH	73	48	82	41	61	13	.7	0	.5	4.9	100	5.9	84	91	38	0	0	4	0
INT'L FALLS	70	44	77	36	57	9	2.3	1.8	1.0	7.1	205	8.1	162	90	43	0	0	5	2
MINNEAPOLIS	77	54	87	42	66	10	.9	.2	.4	7.2	153	8.6	134	80	35	0	0	5	0
ROCHESTER	74	50	84	40	62	8	.4	-.3	.3	4.7	88	5.9	87	82	42	0	0	3	0
MS GREENWOOD	79	65	84	63	72	1	.4	-.8	.2	6.2	45	13.0	56	94	62	0	0	2	0
JACKSON	82	62	87	60	72	1	T	-1.2	T	6.8	50	18.3	79	93	52	0	0	0	0
MERIDIAN	82	63	86	60	72	3	1.3	.3	1.3	9.0	65	18.2	78	98	56	0	0	1	1
MO CAPE GIRARDEAU	77	56	84	50	67	--	.9	-.2	.7	16.2	143	22.3	130	95	53	0	0	3	1
COLUMBIA	76	53	81	48	65	3	.1	-.9	.1	6.4	75	13.7	114	91	55	0	0	2	0
KANSAS CITY	78	59	84	53	68	6	.5	-.5	.3	5.6	79	9.3	99	89	43	0	0	2	0
SAINT LOUIS	78	57	84	51	68	5	T	-.8	T	10.2	126	14.5	122	86	42	0	0	1	0
SPRINGFIELD	76	57	81	53	67	4	.1	-.9	.1	10.4	116	16.2	128	84	51	0	0	2	0
MT BILLINGS	70	43	85	35	57	4	.6	.1	.3	2.9	77	3.6	65	64	26	0	0	2	0
GLASGOW	71	44	81	32	57	5	.1	-.3	0	1.3	72	1.4	54	76	25	0	1	2	0
GREAT FALLS	69	39	86	32	54	3	.2	-.3	.1	1.5	48	2.1	43	77	21	0	1	2	0
HAVRE	70	41	85	27	56	4	T	-.3	T	1.9	91	2.3	74	69	19	0	1	0	0
HELENA	68	39	82	29	54	4	.1	-.2	.1	1.1	48	1.6	48	69	21	0	1	2	0
KALISPELL	60	33	70	29	47	-3	T	-.4	T	1.3	54	2.9	57	72	31	0	4	0	0
MILES CITY	75	46	85	35	60	6	T	-.5	T	1.8	67	2.0	53	65	25	0	0	0	0
MISSOULA	63	35	75	29	49	-1	T	-.3	T	1.0	43	1.9	41	84	31	0	3	0	0
NE GRAND ISLAND	81	56	88	46	69	10	.1	-.7	.1	5.6	103	6.1	91	84	37	0	0	2	0
LINCOLN	79	56	86	48	67	8	.2	-.6	.2	5.1	84	5.9	77	93	47	0	0	3	0
NORFOLK	80	55	87	43	67	9	.2	-.6	.1	7.1	146	7.5	121	83	36	0	0	2	0
NORTH PLATTE	77	50	86	38	64	8	1.2	.5	1.0	4.7	117	5.4	108	88	39	0	0	3	1
OMAHA	78	58	84	48	68	9	.3	-.6	.2	4.4	73	5.5	71	81	49	0	0	3	0
SCOTTSBLUFF	80	47	90	39	64	9	.2	-.4	.1	1.8	55	2.6	65	73	21	1	0	2	0
VALENTINE	81	48	94	31	65	10	.2	-.5	.2	2.3	63	2.9	66	75	25	2	1	1	0
NV ELY	66	37	74	30	51	3	1.2	.9	1.0	2.4	107	3.3	92	74	29	0	3	2	1
LAS VEGAS	86	61	92	52	73	3	T	-.1	T	.4	50	.6	35	36	12	3	0	0	0
RENO	68	37	77	30	53	0	T	-.2	T	1.1	73	2.0	56	86	24	0	1	0	0
WINNEMUCCA	71	35	79	22	53	1	T	-.1	T	.9	54	2.4	73	57	16	0	2	0	0
NH CONCORD	67	40	88	24	53	1	.7	0	.5	4.8	69	7.8	63	90	40	0	2	2	1
NJ ATLANTIC CITY	77	50	88	36	64	6	0	-.7	0	4.5	53	8.2	54	87	37	0	0	0	0
NM ALBUQUERQUE	80	51	84	43	65	4	T	-.1	T	2.6	242	3.6	189	62	16	0	0	0	0
CLOVIS	82	55	88	52	69	5	0	-.4	0	4.1	197	5.6	181	72	27	0	0	0	0
ROSWELL	87	58	90	54	73	5	.1	0	.1	3.3	384	3.6	257	72	19	1	0	1	0
NY ALBANY	70	46	87	28	58	3	.7	0	.7	5.6	80	7.6	65	88	38	0	1	2	1
BINGHAMTON	67	47	83	31	57	4	.3	-.4	.3	5.0	70	7.5	63	76	36	0	1	2	0
BUFFALO	69	49	83	35	59	6	1.3	.6	1.0	7.0	99	14.6	117	81	41	0	0	2	1
NEW YORK	73	55	85	45	64	5	T	-.8	T	5.2	57	7.8	51	77	38	0	0	0	0
ROCHESTER	67	46	81	34	56	2	.5	0	.5	5.3	88	9.6	90	88	47	0	0	2	0
SYRACUSE	69	47	85	32	58	4	.6	-.1	.5	4.4	58	8.4	66	89	44	0	1	3	0
NC ASHEVILLE	71	49	79	39	60	-1	.6	-.3	.3	4.2	41	12.0	69	98	59	0	0	3	0
CHARLOTTE	77	55	85	44	66	0	.7	-.1	.3	4.3	46	13.6	80	93	49	0	0	5	0
GREENSBORO	78	53	85	43	66	1	T	-.7	T	2.3	28	10.4	69	83	38	0	0	1	0
HATTERAS	76	61	82	43	69	4	.6	-.3	.6	4.5	53	14.5	83	89	51	0	0	2	1
NEW BERN	81	61	91	46	71	3	.6	-.3	.4	5.3	66	12.8	80	85	54	1	0	3	0
RALEIGH	77	55	84	45	66	1	T	-.8	T	3.1	39	12.3	83	78	41	0	0	1	0
WILMINGTON	79	60	91	47	69	0	.4	-.4	.3	3.1	38	10.2	66	90	51	1	0	3	0
ND BISMARCK	74	44	87	34	59	7	1.9	1.4	1.9	4.5	155	4.8	126	76	32	0	0	1	1
FARGO	77	48	89	34	63	10	.8	.3	.7	2.7	78	3.1	69	83	31	0	0	3	1
GRAND FORKS	78	45	94	36	62	10	.1	-.3	.1	2.0	73	2.7	68	79	33	1	0	2	0
WILLISTON	70	45	85	33	57	6	.3	0	.3	2.9	122	3.3	94	66	28	0	0	2	0
OH AKRON-CANTON	74	47	82	38	61	4	.1	-.8	0	7.1	89	10.2	81	82	41	0	0	2	0
CINCINNATI	77	54	81	47	65	5	0	-.8	0	11.4	128	15.3	105	81	44	0	0	0	0
CLEVELAND	74	47	84	30	61	5	T	-.7	T	6.4	86	10.8	89	77	34	0	1	1	0
COLUMBUS	76	49	82	42	63	4	T	-.8	T	6.4	81	9.4	73	75	39	0	0	0	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending May 11, 1985

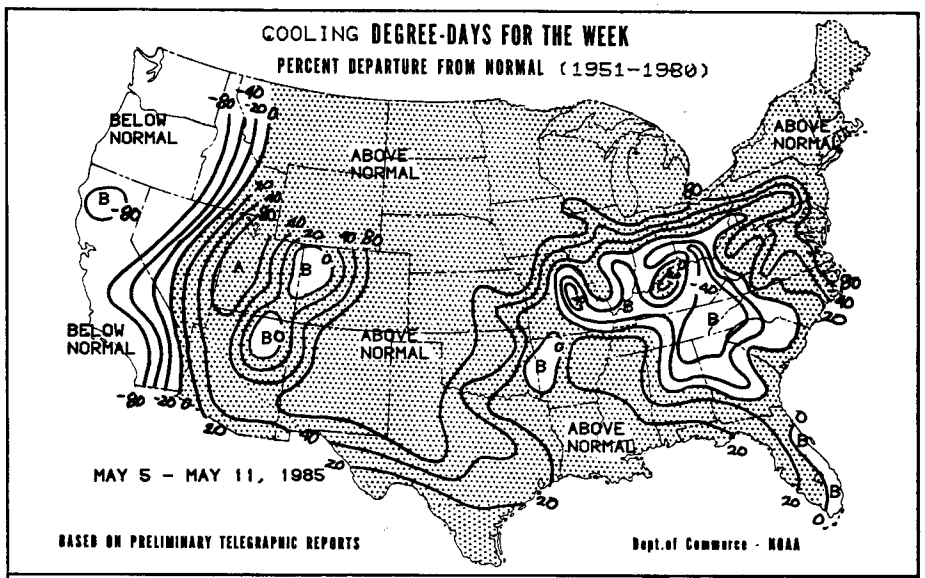
STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, 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	75	51	79	45	63	4	T	-.8	T	9.1	116	12.9	103	65	38	0	0	0	0
TOLEDO	78	47	84	37	62	6	T	-.6	T	7.2	107	12.4	118	88	36	0	0	1	0
YOUNGSTOWN	73	45	83	31	59	4	.3	-.5	.3	7.9	99	10.0	78	85	39	0	2	2	0
OK OKLAHOMA CITY	80	61	86	59	71	4	.5	-.7	.5	12.4	183	17.1	188	86	51	0	0	1	0
TULSA	81	62	87	57	72	5	.3	-.9	.3	11.3	124	18.2	150	87	47	0	0	1	0
OR ASTORIA	54	40	58	33	47	-4	.5	-.2	.4	11.1	85	15.8	49	98	61	0	0	4	0
BURNS	62	31	69	21	46	-4	0	-.1	0	1.2	105	1.9	90	--	--	0	4	0	0
MEDFORD	66	41	74	33	53	-2	T	-.3	T	1.6	48	3.4	38	80	27	0	0	0	0
PENDLETON	62	40	67	34	51	-5	T	-.3	T	1.5	63	3.3	62	65	35	0	0	0	0
PORTLAND	62	43	68	37	52	-3	.2	-.3	.1	4.3	64	6.2	37	87	41	0	0	2	0
SALEM	61	35	65	28	48	-5	T	-.4	T	4.9	66	8.6	45	93	42	0	2	2	0
PA ALLENTOWN	76	50	88	36	63	6	.1	-.8	.1	5.3	58	8.4	54	72	33	0	0	1	0
ERIE	70	48	82	35	59	7	.3	-.4	.2	7.0	93	12.3	101	85	42	0	0	2	0
HARRISBURG	76	53	87	45	65	5	T	-.8	T	5.9	74	9.9	72	76	40	0	0	1	0
PHILADELPHIA	76	53	86	43	64	4	T	-.7	T	4.7	56	8.7	60	83	41	0	0	0	0
PITTSBURGH	72	46	81	36	59	2	.2	-.6	.2	7.1	87	9.9	74	85	44	0	0	1	0
SCRANTON	72	48	85	32	60	4	.2	-.5	.2	5.8	86	7.9	71	78	34	0	1	1	0
RI PROVIDENCE	69	47	90	32	58	3	.5	-.4	.5	7.8	82	10.7	62	81	35	1	1	1	0
SC CHARLESTON	82	60	91	49	71	1	.5	-.4	.5	3.6	44	7.1	48	92	48	1	0	2	0
COLUMBIA	80	57	90	43	69	-1	.7	-.2	.4	3.7	37	14.1	77	94	47	1	0	3	0
FLORENCE	80	58	92	47	69	0	1.0	.3	.9	2.9	35	9.9	66	94	46	2	0	3	1
GREENVILLE	74	56	82	46	65	-2	.9	-.1	.5	4.2	36	13.4	66	91	56	0	0	4	0
SD ABERDEEN	79	47	88	32	63	9	.1	-.5	0	2.5	67	2.8	57	93	40	0	1	2	0
HURON	79	50	88	37	65	10	.1	-.5	.1	5.5	135	6.0	113	84	37	0	0	2	0
RAPID CITY	77	47	88	32	62	9	.2	-.4	.2	2.0	53	2.5	51	58	22	0	1	2	0
SIOUX FALLS	80	51	89	40	65	10	.5	-.1	.5	8.1	162	8.6	134	82	36	0	0	2	0
TN CHATTANOOGA	74	55	82	47	65	-1	1.4	.4	.5	8.2	66	16.6	74	90	61	0	0	4	1
KNOXVILLE	75	53	81	48	64	-2	.8	-.1	.5	5.9	55	13.2	68	99	64	0	0	3	0
MEMPHIS	79	64	85	60	72	3	.7	-.6	.5	12.3	93	20.2	91	96	63	0	0	2	0
NASHVILLE	77	57	83	53	67	1	T	-1.0	T	6.4	55	12.8	63	91	53	0	0	2	0
TX ABILENE	87	64	92	58	76	5	.8	.1	.8	4.6	100	6.6	102	82	37	2	0	2	1
AMARILLO	83	60	89	54	72	9	T	-.5	T	4.3	156	6.0	158	75	33	0	0	1	0
AUSTIN	86	65	90	59	76	3	T	-1.0	T	4.2	67	7.7	74	94	48	1	0	0	0
BEAUMONT	85	65	87	59	75	1	2.7	1.7	2.7	8.6	100	18.9	115	100	63	0	0	1	1
BROWNSVILLE	90	70	92	63	80	2	0	-.4	0	2.4	86	4.4	80	88	48	5	0	0	0
CORPUS CHRISTI	87	66	90	61	77	0	.4	-.3	.4	5.7	150	11.3	161	95	56	1	0	1	0
DEL RIO	89	67	92	63	78	2	.2	-.3	.1	3.5	108	5.2	111	84	39	3	0	2	0
EL PASO	87	57	94	50	72	3	0	0	0	.7	120	1.8	129	46	13	2	0	0	0
FORT WORTH	84	63	88	59	73	2	.2	-.8	.2	7.6	100	11.1	99	86	53	0	0	1	0
GALVESTON	81	71	84	65	76	2	.1	-.6	.1	6.9	118	15.2	137	88	56	0	0	1	0
HOUSTON	86	64	88	57	75	2	.2	-.9	.2	9.0	105	16.4	109	88	44	0	0	1	0
LUBBOCK	86	59	93	55	72	6	.4	-.1	.2	2.0	73	2.7	73	88	34	1	0	3	0
MIDLAND	95	64	98	57	80	10	T	-.5	T	.8	41	2.3	77	71	14	7	0	0	0
SAN ANGELO	92	64	96	59	78	7	.8	.3	.8	2.9	86	4.0	82	86	29	7	0	2	1
SAN ANTONIO	86	67	90	62	77	3	.3	-.6	.3	6.4	120	11.0	126	91	45	1	0	1	0
VICTORIA	88	68	90	62	78	3	T	-.9	T	14.8	276	20.2	213	95	49	2	0	0	0
WACO	87	67	90	61	77	5	.1	-1.1	.1	6.0	80	8.7	77	85	45	1	0	1	0
WICHITA FALLS	82	62	88	57	72	3	T	-1.0	T	9.9	157	13.6	164	86	50	0	0	1	0
UT BLANDING	71	42	75	35	56	2	T	-.1	T	3.6	215	5.2	133	74	23	0	0	1	0
CEDAR CITY	70	45	76	38	58	4	.3	.1	.3	3.3	138	4.3	113	74	26	0	0	1	0
SALT LAKE CITY	73	52	84	42	62	6	1.4	1.0	1.0	3.8	84	5.6	78	65	24	0	0	3	1
VT BURLINGTON	60	41	74	28	51	-2	.9	.3	.5	5.4	90	8.1	85	83	39	0	2	4	0
VA NORFOLK	79	58	85	49	68	4	T	-.8	T	3.2	41	10.8	72	81	38	0	0	0	0
RICHMOND	82	54	87	45	68	4	0	-.8	0	3.3	43	10.1	72	83	35	0	0	0	0
ROANOKE	79	54	84	45	67	4	.2	-.6	.2	4.3	53	10.4	74	75	36	0	0	1	0
WA COLVILLE	63	37	69	30	50	-2	T	-.3	T	1.8	65	4.2	65	78	39	0	2	1	0
QUILLAYUTE	54	39	61	35	46	-4	.7	-.5	.2	16.9	83	25.0	53	99	58	0	0	6	0
SEATTLE-TACOMA	57	40	62	36	49	-5	.1	-.3	0	4.1	62	7.3	43	88	44	0	0	3	0
SPOKANE	60	38	65	31	49	-4	.1	-.2	.1	2.0	70	3.3	47	81	28	0	2	1	0
YAKIMA	64	35	69	30	50	-6	T	-.1	T	.7	53	1.4	41	72	24	0	3	1	0
WV BECKLEY	72	49	75	42	60	2	.2	-.6	.2	4.1	45	8.4	54	88	44	0	0	2	0
CHARLESTON	81	51	87	44	66	4	T	-.8	T	7.1	80	12.4	81	83	34	0	0	1	0
HUNTINGTON	79	51	84	44	65	3	T	-.9	T	5.5	61	11.5	77	93	37	0	0	2	0
PARKERSBURG	78	51	85	42	65	4	0	-.9	0	8.1	93	11.6	75	88	34	0	0	0	0
WI GREEN BAY	73	49	80	41	61	9	1.2	.5	.9	6.2	108	9.6	122	80	43	0	0	2	1
LA CROSSE	77	54	86	41	65	9	.4	-.4	.2	5.8	94	8.0	99	73	30	0	0	3	0
MADISON	76	50	83	41	63	9	.3	-.4	.2	4.9	77	8.3	98	77	37	0	0	3	0
MILWAUKEE	74	50	84	41	62	10	.1	-.5	.1	6.1	88	10.4	105	92	43	0	0	3	0
WAUSAU	74	52	81	44	63	10	.6	-.3	.3	5.4	89	6.6	84	84	38	0	0	4	0
WY CASPER	71	40	81	28	55	6	.5	0	.5	2.2	68	3.6	84	64	24	0	1	1	0
CHEYENNE	71	42	77	37	57	7	.2	-.4	.1	1.6	53	2.4	63	81	26	0	0	2	0
LANDER	72	46	80	38	59	9	.2	-.4	.1	1.5	34	2.2	41	54	15	0	0	2	0
SHERIDAN	72	40	85	26	56	5	.5	0	.4	2.1	53	3.2	59	65	26	0	2	2	0
PR SAN JUAN	86	73	88	72	80	0	.7	-.5	.6	4.8	61	10.0	78	88	58	0	0	3	1

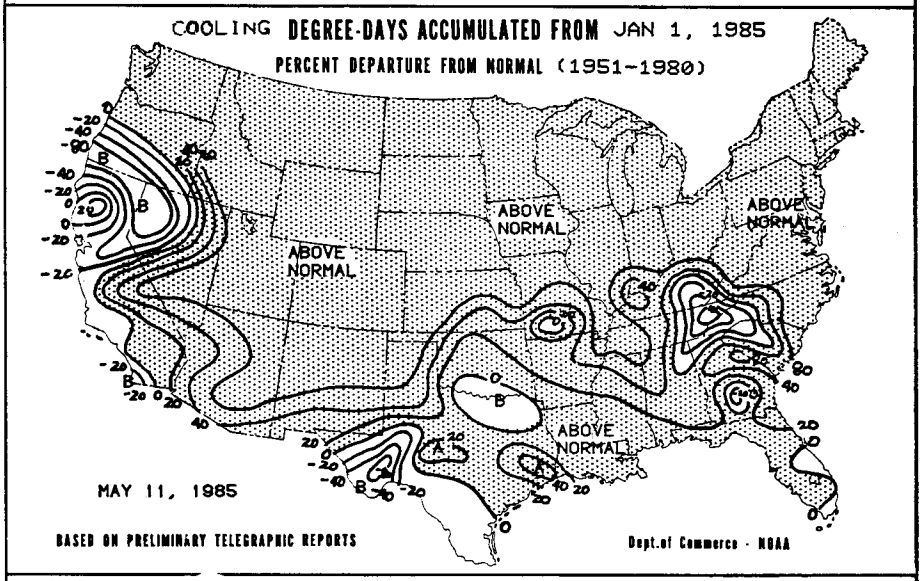
BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

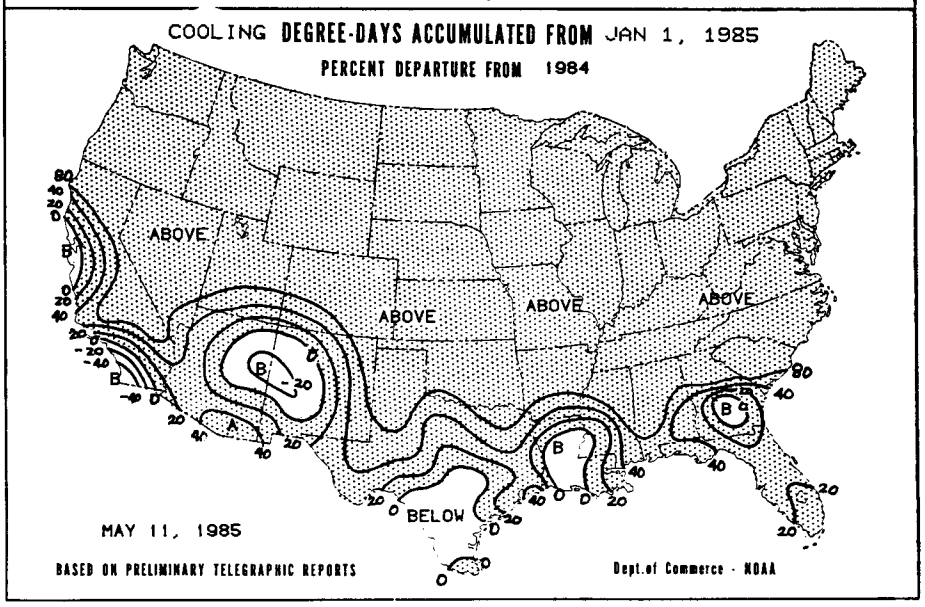
COOLING DEGREE DAY DATA WEEKLY SUMMARY
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA
ASSESSMENT AND INFORMATION SERVICES CENTER-NESDIS-NOAA

LAST DATE OF DATA COLLECTION PERIOD IS 5-11-1985
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	23	-7	-8	153	35	78	30	104
AL MOBILE	MOB	60	2	12	299	12	97	4	48
AL MONTGOMERY	MGM	54	10	12	252	58	89	30	55
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	117	49	-24	580	265	97	84	20
AZ PRESCOTT	PRC	0	0	-9	1	1	-5	**	**
AZ TUCSON	TUS	60	17	-38	284	102	84	56	42
AZ WINSLOW	INW	3	0	-7	9	4	-2	**	**
AZ YUMA	YUM	88	10	-48	599	150	79	33	15
AR FORT SMITH	FSM	27	-1	14	113	24	78	**	**
AR LITTLE ROCK	LRI	40	9	15	150	39	86	35	134
CA BAKERSFIELD	BFL	6	-33	-18	130	-3	88	-2	210
CA EUREKA	EKA	0	0	0	13	13	13	**	**
CA FRESNO	FAT	6	-16	-43	143	69	61	**	**
CA LOS ANGELES	LAX	0	-3	-17	43	-1	-2	**	**
CA RED BLUFF	RBL	6	-15	-22	101	27	70	**	**
CA SACRAMENTO	SAC	3	-11	-23	31	-12	3	**	**
CA SAN DIEGO	SAN	0	-3	-26	29	-16	-79	**	**
CA SAN FRANCISCO	SFO	0	0	-4	6	6	-1	**	**
CA STOCKTON	SCK	0	-14	-21	24	-23	3	**	**
CO DENVER	DEN	5	5	5	10	10	10	**	**
CO GRAND JUNCTION	GJT	5	-1	-4	14	8	10	**	**
CO PUEBLO	PUB	12	12	4	19	19	14	**	**
CT BRIDGEPORT	BDR	5	4	5	11	10	11	**	**
CT HARTFORD	BDL	11	11	11	16	16	16	**	**
DE WILMINGTON	ILG	21	17	20	76	72	75	**	**
DC WASHINGTON	DCA	31	17	28	114	88	106	**	**
FL APALACHICOLA	AQQ	55	1	10	254	-8	78	-3	44
FL DAYTONA BEACH	DAB	53	-8	6	449	32	156	8	53
FL FORT MEYER	FMY	95	13	-10	816	97	177	13	28
FL JACKSONVILLE	JAX	60	7	5	326	63	55	24	20
FL KEY WEST	EYW	99	-6	-19	1155	-20	56	-2	5
FL MIAMI	MIA	80	-10	-22	873	-77	22	-8	3
FL ORLANDO	MCO	74	-4	-2	537	-66	105	-11	24
FL TALLAHASSEE	TLH	67	16	13	301	37	79	14	36
FL TAMPA	TPA	95	20	-2	664	90	136	16	26
FL WEST PALM BEACH	PBI	72	-10	-25	790	17	95	2	14
GA ATLANTA	ATL	20	-8	-9	130	46	74	**	**
GA AUGUSTA	AGS	42	6	11	200	86	101	75	102
GA MACON	MCN	36	-11	-8	170	-18	2	-10	1
GA SAVANNAH	SAV	51	5	-3	288	79	75	38	35
HI HILO-HAWAII	ITO	38	-18	-26	683	-203	-373	-23	-35
HI HONOLULU-OAHU	HNL	86	2	-9	1197	-4	-243	0	-17
HI KAHULUI-MAUI	OGG	60	-12	-30	925	-98	-442	-10	-32
HI LIHUE-KAUAI	LIH	78	8	-11	1055	91	-297	9	-22
ID BOISE	BOI	0	-1	0	10	9	10	**	**
ID LEWISTON	LWS	0	-1	0	5	4	2	**	**
ID POCATELLO	PIH	0	0	0	4	4	4	**	**
IL CHICAGO	ORD	13	6	13	66	59	61	**	**
IL MOLINE	MLI	20	12	20	84	74	75	**	**
IL PEORIA	PIA	12	3	12	63	50	51	**	**
IL QUINCY	UIN	18	7	18	81	66	71	**	**
IL ROCKFORD	RFD	12	7	12	59	52	56	**	**
IL SPRINGFIELD	SPI	13	-3	13	74	47	58	**	**
IN EVANSVILLE	EVV	14	-2	6	67	16	51	**	**
IN FORT WAYNE	FWA	11	4	11	61	50	56	**	**
IN INDIANAPOLIS	IND	9	-3	7	50	34	45	**	**
IN SOUTH BEND	SBN	17	12	17	69	62	64	**	**
IA DES MOINES	DSM	18	11	18	65	56	57	**	**
IA DUBUQUE	DBQ	5	2	5	51	48	48	**	**
IA SIOUX CITY	SUX	27	20	27	67	58	63	**	**
IA WATERLOO	ALO	16	14	16	62	60	59	**	**
KS CONCORDIA	CNK	20	9	18	37	22	37	**	**
KS DODGE CITY	DDC	26	13	20	51	24	45	**	**
KS GOODLAND	GLD	13	10	13	24	21	24	**	**
KS TOPEKA	TOP	26	12	22	72	38	54	**	**
KS WICHITA	ICT	29	12	24	66	13	57	**	**
KY BOWLING GREEN	BWG	17	1	12	63	6	50	**	**
KY LEXINGTON	LEX	11	-3	7	55	5	36	**	**
KY LOUISVILLE	SDF	22	6	15	81	27	60	**	**
LA ALEXANDRIA	AEX	63	12	7	283	20	53	8	23
LA BATON ROUGE	BTR	66	8	9	319	21	36	7	13
LA LAKE CHARLES	LCH	67	9	-4	341	40	-18	13	-5
LA NEW ORLEANS	MSY	72	13	16	342	-3	78	-1	30
LA SHREVEPORT	SHV	51	3	4	231	8	44	4	24
ME CARIBOU	CAR	0	0	0	0	0	0	**	**
ME PORTLAND	PWM	5	5	5	5	5	5	**	**
MD BALTIMORE	BWI	19	12	18	77	66	76	**	**
MD SALISBURY	SBY	20	17	15	83	79	77	**	**
MA BOSTON	BOS	15	15	15	21	21	18	**	**
MA CHATHAM	CHH	4	4	4	4	4	4	**	**
MI ALPENA	APN	0	0	0	14	14	14	**	**
MI DETROIT	DTW	7	3	7	30	26	29	**	**
MI FLINT	FNT	11	11	11	39	39	39	**	**
MI GRAND RAPIDS	GRR	12	9	12	48	43	41	**	**
MI HOUGHTON LAKE	HTL	5	5	5	27	27	27	**	**
MI LANSING	LAN	11	8	11	43	38	38	**	**
MI MARQUETTE	MQT	6	5	6	11	10	11	**	**
MI MUSKEGON	MKG	10	10	10	39	39	38	**	**
MI SAULT ST MARIE	SSM	3	3	3	3	3	3	**	**
MN ALEXANDRIA	AXN	19	19	19	26	26	26	**	**
MN DULUTH	DLH	7	7	7	7	7	7	**	**
MN INT'L FALLS	INL	0	0	0	0	0	0	**	**
MN MINNEAPOLIS	MSP	24	20	24	55	50	55	**	**
MN ROCHESTER	RST	15	12	15	43	39	43	**	**
MN SAINT CLOUD	STC	23	20	23	37	34	37	**	**
MS GREENWOOD	GWO	48	3	1	216	21	67	11	45
MS JACKSON	JAN	50	7	-3	228	16	35	8	18
MS MERIDIAN	MEI	52	12	19	235	49	118	26	101
MO CAPE GIRARDEAU	CGI	16	-8	9	90	33	64	**	**
MO COLUMBIA	COU	7	-7	6	60	26	45	**	**
MO KANSAS CITY	MCI	26	13	26	75	42	66	**	**
MO SAINT LOUIS	STL	22	2	14	106	63	81	**	**
MO SPRINGFIELD	SGF	16	2	10	51	-2	35	**	**
MT BILLINGS	BIL	2	2	2	13	13	13	**	**
MT GLASGOW	GGW	2	2	2	10	10	10	**	**
MT GREAT FALLS	GTF	3	3	3	6	6	1	**	**
MT HAVRE	HVR	3	3	3	10	10	10	**	**
MT HELENA	HLN	0	0	0	0	0	0	**	**
MT KALISPELL	FCA	0	0	0	0	0	0	**	**
MT MILES CITY	MLS	4	4	4	21	21	21	**	**
MT MISSOULA	MSO	0	0	0	0	0	0	**	**
NE GRAND ISLAND	GRI	29	26	27	65	61	61	**	**
NE LINCOLN	LNK	22	15	22	55	46	50	**	**
NE NORFOLK	OFK	25	21	25	63	59	61	**	**
NE NORTH PLATTE	LBF	15	13	15	32	30	32	**	**
NE OMAHA	OMA	29	21	29	71	50	66	**	**
NE SCOTTSBLUFF	BFF	14	14	14	27	27	27	**	**
NE VALENTINE	VTN	28	28	28	48	48	48	**	**
NV ELY	ELY	0	0	0	0	0	0	**	**
NV LAS VEGAS	LAS	61	15	-13	270	104	109	63	68
NV RENO	RNO	0	0	-1	0	0	0	**	**
NV WINNEMUCCA	WMC	0	-3	0	0	-3	0	**	**
NH CONCORD	CON	8	8	8	8	8	8	**	**
NJ ATLANTIC CITY	ACY	21	19	21	62	60	62	**	**
NM ALBUQUERQUE	ABQ	11	8	-5	15	12	-1	**	**
NM CLOVIS	CVS	28	25	9	37	24	23	**	**
NM ROSWELL	ROW	55	29	1	122	38	28	**	**
NY ALBANY	ALB	11	11	11	16	16	16	**	**
NY BINGHAMTON	BGM	9	9	9	24	24	24	**	**
NY BUFFALO	BUF	11	8	11	29	25	24	**	**
NY NEW YORK	LGA	19	13	19	36	30	36	**	**
NY ROCHESTER	ROC	5	3	5	20	18	19	**	**
NY SYRACUSE	SYR	13	10	13	20	17	20	**	**
NC ASHEVILLE	AVL	2	-5	1	9	-2	8	**	**
NC CAPE HATTERAS	HAT	34	20	24	124	79	94	**	**
NC CHARLOTTE	CLT	20	-4	13	91	23	67	**	**
NC GREENSBORO	GSO	18	0	14	84	27	65	**	**
NC NEW BERN	EWN	44	13	16	223	139	134	**	**
NC RALEIGH DURHAM	RDU	22	4	9	115	58	82	**	**
NC WILMINGTON	ILM	37	3	10	246	123	155	100	170
ND BISMARCK	BIS	8	8	8	14	14	14	**	**
ND FARGO	FAR	17	17	17	31	31	31	**	**
ND GRAND FORKS	GFK	7	4	7	30	27	30	**	**
ND WILLISTON	ISN	4	4	4	13	13	13	**	**
OH AKRON-CANTON	CAK	6	0	6	42	36	39	**	**
OH CLEVELAND	CLE	10	6	10	47	41	44	**	**
OH COLUMBUS	CMH	6	0	6	39	31	31	**	**
OH CINCINNATI	CVG	15	4	12	66	46	54	**	**
OH DAYTON	DAY	4	-7	3	43	28	38	**	**
OH TOLEDO	TOL	12	9	12	41	36	36	**	**
OH YOUNGSTOWN	YNG	6	3	6	44	40	38	**	**
OK OKLAHOMA CITY	OKC	41	18	19	97	10	69	**	**
OK TULSA	TUL	47	20	29	127	30	92	**	**
OR ASTORIA	AST	0	0	0	0	0	0	**	**
OR BURNS	4BW	4	4	4	17	17	17	**	**
OR MEDFORD	MFR	0	-2	0	0	-2	0	**	**
OR PENDLETON	PDT	0	0	0	1	1	0	**	**
OR PORTLAND	PDX	0	0	0	0	0	0	**	**
OR SALEM	SLE	0	0	0	0	0	0	**	**
PA ALLENTOWN	ABE	13	10	13	42	37	42	**	**
PA ERIE	ERI	11	11	11	32	32	27	**	**
PA HARRISBURG	CXY	6	-1	6	65	54	65	**	**
PA PHILADELPHIA	PHL	15	10	15	46	39	46	**	**
PA PITTSBURGH	PIT	3	0	3	44	39	41	**	**
PA SCRANTON	AVP	7	4	7	26	22	26	**	**
RI PROVIDENCE	PVD	14	14	14	22	22	22	**	**
SC CHARLESTON	CHS	44	4	4	268	120	113	81	73
SC COLUMBIA	CAE	33	-6	4	180	25	99	16	122
SC FLORENCE	FLO	35	-4	8	191	35	102	22	115
SC GREENVILLE	GSP	16	-8	11	77	9	59	**	**
SD ABERDEEN	ABR	20	20	20	44	44	44	**	**
SD HURON	HON	27	27	27	40	40	40	**	**
SD RAPID CITY	RAP	19	19	19	39	39	39	**	**
SD SIOUX FALLS	FSD	24	23	24	47	46	47	**	**
TN CHATTANOOGA	CHA	10	-12	-2	62	-8	40	**	**
TN KNOXVILLE	TYS	7	-17	1	37	-30	19	**	**
TN MEMPHIS	MEM	49	15	14	199	78	113	64	131
TN NASHVILLE	BNA	19	-4	6	107	34	77	**	**
TX ABILENE	ABI	75	30	10	226	27	52	14	30
TX AMARILLO	AMA	47	33	27	85	49	68	**	**
TX AUSTIN	AUS	78	20	-11	377	47	-57	14	-13
TX BROWNSVILLE	BRO	109	17	20	802	56	18	8	2
TX CORPUS CHRISTI	CRP	84	2	13	516	-72	-23	-12	-4
TX DEL RIO	DRT	92	14	-4	397	-64	-91	-14	-19
TX EL PASO	ELP	52	19	-7	138	30	16	28	13
TX FORT WORTH	DFW	60	10	2	237	-20	92	-8	63
TX GALVESTON	GLS	78	15	21	322	11	86	4	36
TX HOUSTON	IAH	73	14	10	374	63	64	20	21
TX LUBBOCK	LBB	54	29	10	124	50	72	**	**
TX MIDLAND ODESSA	MAF	103	66	35	266	119	97	81	57
TX BEAUMONT	BPT	74	11	20	448	129	150	40	50
TX SAN ANGELO	SJT	96	46	22	309	67	86	28	39
TX SAN ANTONIO	SAT	81	20	1	370	-3	-40	-1	-10
TX VICTORIA	VCT	92	20	22	470	36	16	8	4
TX WACO	ACT	86	34	9	317	33	82	12	35
TX WICHITA FALLS	SPS	52	13	11	137	-23	53	-14	63
UT BLANDING	4BL	0	0	-3	0	0	0	**	**
UT CEDAR CITY	CDC	0	0	-3	3	3	2	**	**
UT SALT LAKE CITY	SLC	13	10	13	47	43	44	**	**
VT BURLINGTON	BTV	0	-3	0	0	-4	0	**	**
VA LYNCHBURG	LYH	16	2	13	88	64	70	**	**
VA NORFOLK	ORF	29	16	18	158	125	131	**	**
VA RICHMOND	RIC	27	11	21	151	116	132	**	**
VA ROANOKE	ROA	21	7	15	118	93	94	**	**
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	0	-3	0	10	7	2	**	**
WA YAKIMA	YKM	0	0	0	0	0	0	**	**
WV BECKLEY	BKW	0	-3	-1	27	22	18	**	**
WV CHARLESTON	CRW	17	3	12	97	72	66	**	**
WV HUNTINGTON	HTS	12	-4	3	72	30	42	**	**
WV PARKERSBURG	PKB	16	2	11	78	58	64	**	**
WI GREEN BAY	GRB	7	7	7	23	23	23	**	**
WI LACROSSE	LSE	21	16	21	67	60	65	**	**
WI MADISON	MSN	9	9	9	51	51	50	**	**
WI MILWAUKEE	MKE	14	11	14	56	53	55	**	**
WI WAUSAU	AUW	13	10	13	32	29	32	**	**
WY CASPER	CPR	0	0	0	0	0	0	**	**
WY CHEYENNE	CYS	0	0	0	0	0	0	**	**
WY LANDER	LND	1	1	1	3	3	3	**	**
WY SHERIDAN	SHR	2	2	2	3	3	3	**	**


COOLING DEGREE-DAYS FOR THE WEEK
PERCENT DEPARTURE FROM NORMAL (1951-1980)
BELOW NORMAL
ABOVE NORMAL
ABOVE NORMAL
BELOW NORMAL
ABOVE NORMAL
ABOVE NORMAL
MAY 5 - MAY 11, 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 NORMAL
MAY 11, 1985
BASED ON PRELIMINARY TELEGRAPHIC REPORTS
Dept.of Commerce - NOAA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PERCENT DEPARTURE FROM 1984
ABOVE
ABOVE
ABOVE
ABOVE
BELOW
MAY 11, 1985
BASED ON PRELIMINARY TELEGRAPHIC REPORTS
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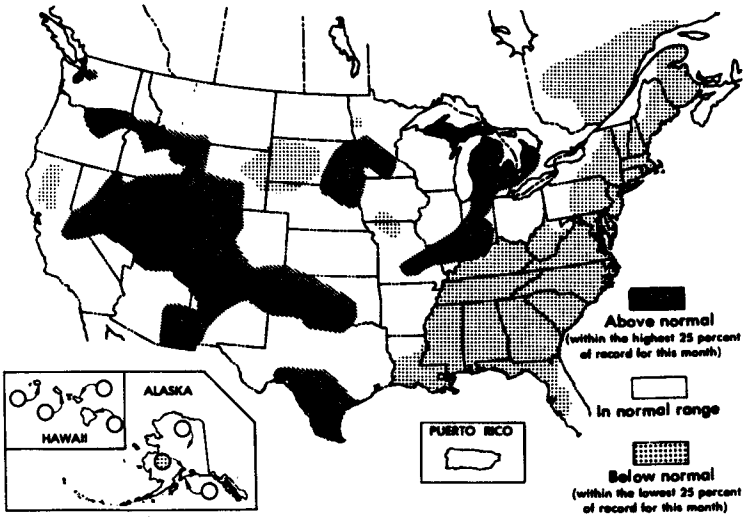


APRIL STREAMFLOWS: 50-YEAR RECORD-LOW FLOWS IN EAST CONTRAST WITH HIGH FLOWS IN WEST

The U.S. Geological Survey (USGS), the Department of the Interior's monthly check of the Nation's surface and ground waters, revealed that record-low April streamflows plagued the east coast from Maine to Florida, while well-above-average streams flowed through the Midwest, far West, and Rocky Mountain States.

USGS hydrologists said 36 percent (60 stations) of the key index stream-gaging stations, almost all of them along the east coast, reported well-below-normal streamflows (within the lowest 25 percent of historic record). Of the remaining stations, 41percent (67 stations) reported flows in the normal range, while 23 percent (37 stations), mostly in the West and Far West, reported well-above-normal flows.

Record-low streamflows were set in Connecticut (where the lowest flows of historic record were set on all four key index streams in the States), New Jersey, and Massachusetts, Georgia, North Carolina, and South Carolina.

In contrast to the dry East, streamflows in Michigan, Colorado, Missouri, New Mexico, Utah, and Oregon averaged near record-high flows for April and demonstrated the wide range in spring water conditions.

Three major U.S. rivers (the Mississippi, St. Lawrence, and Columbia), which drain more than half the conterminous States, reflect the general water conditions across the Nation. Their combined average flow of 1,028 billion gallons per day (bgd) during April, 12 percent above the long-term average, shows generally normal streamflows.

The record-low streamflows in the East are reflected in the declining reservoir levels, especially in the Delaware River basin, where the major New York City reservoirs are at 62 percent of capacity; normally they are near full capacity. Key index reservoirs in Massachusetts, Pennsylvania, North Carolina, the Tennessee Valley, and Washington are also well below the normal capacity for April.

Ground-water levels in much of the East, especially in the shallower wells that respond more quickly to variations in precipitation, are also showing the effects of the protracted dry conditions. Water levels in key index wells in New England, southeastern New York, and New Jersey were approaching near-record-low levels.

Highlights of April water conditions:

New England-- Of the 12 key index-gaging stations in New England, 11 were well-below normal for April, and only the St. John River at Fort Kent, Maine, was normal. All four of the key index stations in Connecticut set new record-low flows. Flow of the Pomperaug River at Southbury, CT, averaged only 38.4 million gallons per day (mgd), 76 percent below average for the month and the lowest April flow in 53 years. Ground-water levels were generally well-below normal in the region. Of the 115 observation wells measured in Massachusetts, Rhode Island, and New Hampshire, 98 were below normal, and 41 set new record lows for the month. Most of the new low ground-water levels broke the record-low levels set during the drought of the mid-sixites.

NEW YORK, NEW JERSEY, & PENNSYLVANIA-- April streamflows varied. All three of the key index stations in New Jersey--south Branch Raritan River near High Bridge, Great Egg Harbor River at Folsom, and the Delaware River at Trenton--averaged their lowest April flows of historic record. In New York, Massapequa Creek at Massapequa was at its second lowest April flow in 39 years of record, while flow of the St. Lawrence near Massena averaged 191 bgd, 11 percent above the long-term April average. While streams flowed mostly in the normal range in western Pennsylvania, flow of the Susquehanna River at Harrisburg averaged 30 bgd, 36 percent below the long-term April average.

MID-ATLANTIC-- Most mid-Atlantic streams flowed well-below average during April. Flow of the Choptank River near Greensboro, MD, averaged about 45 mgd, 57 percent below average and the second-lowest April flow. Near-record-low flows were also set in Virginia on the Rapidan River near Culpeper and the Nottoway River near Stony Creek.

CAROLINAS AND GEORGIA-- Streamflows were extremely dry in the Carolinas and Georgia during April, with all 12 of the key index streams reporting well-below-average flows, and several streams reporting record-low flows. In North Carolina, flow of the South Yadkin river near Mocksville averaged 121 mgd, 61 percent below the long-term average and the lowest April flow. Flow of the Cape Fear River near Tarheel averaged 964 mgd, 76 percent below the long-term average and the lowest April flow. Record lows were also set on the Lynches River at Effingham, SC, 279 mgd, the lowest April flow and the Pee Dee River at Peedee, 2,332 mgd, 73 percent below the long-term average and the lowest April flow. The Altamaha River at Doctortown, GA, also set a new 55-year record-low flow for April of 3.9 bgd.

FLORIDA & GULF COAST-- Of the 17 key index-gaging stations in Florida, Alabama, Mississippi, and Louisiana, only two stations, one each in Mississippi and Louisiana, reported normal-range streamflows, all other streamflows were well-below the April average.

ALASKA & HAWAII-- Streamflows in the two nonconterminous States flowed normal for this time of year, except for the Little Susitna River near Palmer, Alaska, which was just-below normal.

FIVE LARGE RIVERS-- Individual flows of five of the Nation's largest rivers for April: Mississippi River at Vicksburg, MS, averaged 684 bgd, 14 percent above the long-term but 20 percent less than March's flow; St. Lawrence River near Massena, NY, averaged 191 bgd, 11 percent above average and 7 percent greater than the March flow; Columbia River at The Dalles, OR, averaged 153 bgd, 8 percent above the long-term April average and 46 percent above March's flow; Ohio River at Louisville, KY, averaged 97 bgd, 28 percent below the long-term average and 28 percent below the March flow; and the Missouri River at Hermann, MO, averaged 77 bgd, 35 percent above the long-term April average, but 29 percent less than March's flow.

(Continued from page 21)

thunderstorms 12th. Isolated heavy rainfall, otherwise very dry. Topsoil moisture ratings: 85% short, 5% adequate. Days suitable for fieldwork averaged 5.2. Corn planting 76% complete, 61% 1984, 72% avg. Dry weather making weed control difficult. Corn condition rated fair to good. Soybean planting 14% complete, 4% 1984, 13% avg. Peanut planting 78% complete, 63% 1984, 75% avg. Flue-cured tobacco transplanting 24% complete, 13% 1984, 22% avg. Fire-cured tobacco transplanting 13% complete, 3% 1984, 9% avg. Sun-cured tobacco transplanting beginning. Irrigation of tobacco due to dry weather. Continued dry weather most areas kept small grains, pastures, hay land in poor condition. Small grain condition poor. Very poor yields expected. Rain soon could still help wheat. Harvesting oats, barley, wheat for silage. Spraying for cereal leaf beetles. Pasture, hay land rated poor. Apples fair, spraying active. Vegetable growth slow due to lack of moisture.

WASHINGTON: Cold, unstable air mass offshore produced cool, showery weather across State, especially northwest corner. Temperatures below normal over most of State, some frost problem arose eastern portion.

Dry soil conditions continued to stress dryland grains. Spring wheat 88% seeded compared to 91% 1984. Barley 90% seeded compared to 86% last year. Spring wheat 67% emerged, barley 68% emerged. Freeze May 11th further injured fruit crops Yakima Valley. Damage unknown at this time. Blueberries beginning to bloom. Vegetable planting continued, harvest of rhubarb, asparagus, radishes, lettuce continued. Range grass short, but feed supplies remained adequate.

WEST VIRGINIA: Temperatures were 3 to 6° above normal. Low 29° Greenbank, high 88° Romney, Moorefield. Statewide average temperature 63°. Precipitation below normal except northeast near normal. Most rainfall Greenbank, 1.04 in., least Gary none. Precipitation averaged 0.25 in. statewide.

Soil moisture short to adequate. Days suitable for fieldwork averaged 5.4. Planting corn, field preparation, gardening, fencing. Feed supplies adequate to short.

WISCONSIN: Average tempertures 6 to 10° above normal. Precipitation: North 0.90 in. to 1.00 in., central 0.40 in. to 0.50 in., south 0.20 in. to 0.40 in.

Soil moisture 57% short, 42% adequate, 1% surplus, dry south. Days suitable for fieldwork 6.2. Spring plowing 80% complete, 56% 1984, 66% avg. Oats seeded 90% complete, 65% 1984, 78% avg. Corn planted 55%, 16% 1984, 32% avg. Alfalfa good to excellent; planted potatoes north; peas good to excellent; tobacco seedbeds good to excellent. Winter wheat good to excellent.

WYOMING: Temperatures 5 to 10° above normal. Precipitation below normal except extreme northwest corner.

Topsoil moisture short 61% State. Days suitable for fieldwork: 7.0. Spring wheat 90% seeded, 45% 1984, 60% avg. Spring wheat 55% emerged, 20% 1984, 35% avg. Barley 95% seeded, 60% 1984, 70% avg. Barley 60% emerged, 35% 1984, 45% avg. Sugarbeets seeded most areas, 85% 1984. Sugarbeets 55% emerged, 20% 1984, 25% avg. Corn 70% seeded, 10% 1984, 25% avg. Corn 5% emerged, small amount 1984. Potatoes 50% planted, 10% 1984, 10% avg. Dry beans 10% seeded, 25% 1984. Winter wheat mostly fair to good condition. Livestock mostly good condition. Spring calves 90% born, 85% 1984. Farm flock 95% lambed, 90% 1984; shorn 90%, 75% 1984. Range sheep: Ewes lambed 70%, 50% 1984, 60% avg.; shorn 80%, 60% 1984, 65% avg. Calf, lamb losses mostly light. Branding underway. Range, pastures fair to mostly good. Some movement to summer pasture.

NATIONAL AGRICULTURAL SUMMARY

May 6 to 12, 1985

HIGHLIGHTS: Planting of major field crops surged ahead of normal in most of the Nation. Rain alleviated the drought in most Southeast Coast States, but the drought continued from Virginia northward to New England. Dryness continued along the west coast, into the Northern Mountain States, and the Northern Plain States, but soil moisture was adequate elsewhere. Farmers had 5-6 days available for fieldwork in most areas. Fieldwork was limited to 4 days or less in Missouri, Kansas, Georgia, Alabama, Mississippi, and Tennessee.

Farmers planted nearly a third of the corn in the 17 major producing States last week. Planting surged to 78 percent (%) completion, compared with 29% last year and the 51% average. The 7 major sorghum-producing States seeded 31% of the acreage, slightly ahead of the average. Soybean was 20% planted in the 19 major producing States, 5 times greater than last year and nearly doubling the 5-year average. Cotton was 57% planted, 7 points ahead of normal. Rice was 65% seeded, compared with 58% in 1984 and the 68% average. Peach harvest got underway in Georgia, California, and Arizona. Pastures were mostly good except for the drought-stricken areas of the Nation. Livestock condition was mostly good.

SMALL GRAINS: Winter wheat was mostly fair to good, but some southeastern wheat continued suffering from insufficient moisture. The lack of moisture began stressing small grains in the Northwest and Northern Plain States. Winter wheat was 47% headed in 16 of the 18 major producing States, 19 points ahead of normal and 30 points ahead of last year. The crop developed ahead of normal in nearly all States. Texas wheat continued turning color as harvest neared the Blacklands in central Texas. Moisture shortages stressed some dryland wheat. Texas producers harvested 4% of the winter wheat, 4 points ahead of normal. Hail and high winds caused lodging in some areas of Texas.

Despite short moisture, most small grains matured well in California. Riverside County small grains remained moisture-stressed. California's wheat was 97% headed, compared with 93% in 1984 and the 93% average. Arizona's wheat was 98% heading and 80% turning color. The harvest should start in about 2 weeks. Moisture and warmth promoted growth and pushed development ahead of normal in the central Plains and Corn Belt.

Spring wheat reached 91% seeded, 28 and 19 points ahead of last year and the average, respectively. Sixty-five percent of the planted spring wheat emerged, more than doubling last year's pace and considerably ahead of the average.

CORN: Corn planting surged to 78% planted, 32 points ahead of last week. At this time last year, 29% was seeded and normally 51% is seeded. Seeding was ahead of last year and the average in all 17 major producing States. Corn was virtually planted in the Southeast and began tasseling in Texas. Emerged plants were in basically good condition, but moisture is needed in some eastern and northern areas for growth and germination.

SORGHUM: The 7 major sorghum-producing States seeded 31% of the acreage, slightly ahead of average. Seeding rose above the average in all States except Oklahoma. Sorghum was active in most other areas, and advanced well in the Southern States. Some early seeded fields began heading in Texas.

SOYBEANS: Soybeans were 20% planted in the 19 major producing States, 5 times greater than last year and nearly doubling the average. Planting was ahead of normal in all States except Alabama, Arkansas, Georgia, and South Carolina. Dryness delayed planting in the East Coast States, while wetness curtailed planting in Arkansas. Seeding progress more than doubled the average in Illinois, Indiana, Iowa, Missouri, and Ohio.

COTTON: Cotton was 57% planted, 7 points ahead of normal; by this time last year, cotton was only 40% planted. Missouri seeding continued lagging behind normal, about 30 points behind. Also, planting was behind normal in Mississippi, but by only 8 points. Alabama, Georgia, and Mississippi seeded a fourth of their crop last week. Last week, Tennessee, Arkansas, and Louisiana producers seeded 40, 35, and 27%, respectively. Texas cotton began squaring in the Valley and at Coastal Bend. Hail caused replanting of some fields. Cotton seeding neared completion in California and Arizona. Some fields in Arizona reached the squaring stage.

OTHER CROPS: Rice was 65% seeded, compared with 58% in 1984 and the 68% average. Half the rice planted emerged. Texas producers seeded 83% of the rice, 14 points behind the average, while Arkansas' rice seeding was 9 points behind normal. Wetness slowed planting in both States.

Peanut planting was underway in all producing States except Oklahoma. Percentages planted in the major States were Alabama, 72%; Georgia, 81%; North Carolina, 65%; Texas, 11%; and Virginia, 78%. Planting was ahead of normal in all States except Texas.

U. S. tobacco transplanting continued gaining momentum. Transplanting was 12% complete in Tennessee, compared with 8% normally. Virginia producers transplanted Sun-cured tobacco, and some producers began irrigating.

FRUIT AND NUTS: Peach harvest began in California, Arizona, and Georgia. Peach condition continued poor in the Southeast.

Florida's citrus groves set fruit for next season's crop. Growers irrigated most groves, but water use restrictions were imposed in some locations. Valencia harvest was active, but grapefruit movement slowed.

Hail and high winds damaged some Texas peaches, but a good crop is still expected. Pecan trees continued setting nuts in most areas.

Arizona citrus harvest continued on a limited scale, with lemons and grapefruit picked on demand. Valencia orange harvest slowly continued. Peach and apricot harvest was underway.

California apricots sized and colored nicely. Desert peach harvest started, and Valencia orange and grapefruit harvest continued. Almonds showed good growth and producers propped limbs to avoid breakage. Early plum varieties approached maturity.

VEGETABLES: Florida's vegetable shipments rose 20% from last week. Snap beans, cauliflower, parsley, and squash declined. Overall supplies of vegetables neared seasonal peak.

Texas' vegetables progressed well, but irrigation was necessary in the High Plains. Assortments of vegetables were harvested. Sweetpotato transplanting continued, and tomatoes set fruit. Melon crops made good progress with harvest nearing.

California lettuce harvest increased in the central coast, and late fields were disced in the San Joaquin Valley. Asparagus harvest remained heavy, and broccoli and cauliflower supplies were

(Continued to back cover)

CROP PROGRESS

FOR WEEK ENDING MAY 12, 1985

SPRING WHEAT
% PLANTED

	1985	1984	AVG.
IDAHO	77	75	85
MINN	88	75	83
MONT	85	80	80
N D	92	47	60
S DAK	100	71	84
5 STATES	91	63	72

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

SPRING WHEAT
% EMERGED

	1985	1984	AVG.
IDAHO	42	44	60
MINN	59	27	47
MONT	50	40	40
N D	62	12	26
S DAK	100	29	60
5 STATES	65	23	39

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

CORN
% PLANTED

	1985	1984	AVG.
COLO	63	37	50
GA	99	94	96
ILL	87	38	61
IND	85	30	45
IOWA	90	29	60
KANS	65	20	45
KY	66	20	50
MICH	70	40	37
MINN	70	18	47
MO	84	19	55
NEBR	65	10	40
N C	97	83	90
OHIO	90	25	45
PA	53	10	27
S DAK	50	6	23
TEX	98	96	94
WIS	55	16	32
17 STATES	78	29	51

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

WINTER WHEAT
% HEADED

	1985	1984	AVG.
ARK	91	88	NA
CALIF	97	93	93
COLO	7	0	0
GA	97	97	NA
IDAHO	0	0	0
ILL	40	1	20
IND	20	0	8
KANS	70	3	25
MICH	1	0	0
MO	64	11	29
MONT	0	0	0
NEBR	0	0	0
OHIO	10	0	0
OKLA	85	40	65
OREG	0	0	0
S DAK	0	0	0
TEX	76	59	66
WASH .	0	0	3
18 STATES	49	20	NA
EXCL. STATES WITH NA	47	17	28

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

NA - NOT AVAILABLE

SORGHUM
% PLANTED

	1985	1984	AVG.
ARK	57	44	56
KANS	5	2	5
MO	23	7	21
NEBR	20	1	5
OKLA	5	10	10
S DAK	5	0	2
TEX	69	65	69
7 STATES	31	23	28

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

COTTON
% PLANTED

	1985	1984	AVG.
ALA	91	68	80
ARIZ	95	99	97
ARK	65	22	64
CALIF	98	100	98
GA	76	55	69
LA	75	50	61
MISS	60	35	68
MO	26	18	56
N MEX	85	63	60
N C	80	50	73
OKLA	20	2	10
S C	96	72	76
TENN	65	15	55
TEX	38	23	27
14 STATES	57	40	50

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

RICE
% PLANTED

	1985	1984	AVG.
ARK	52	40	61
CALIF	45	45	38
LA	90	79	83
MISS	84	54	74
TEX	83	100	97
5 STATES	65	58	68

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

RICE
% EMERGED

	1985	1984	AVG.
ARK	39	27	30
CALIF	15	8	9
LA	83	69	74
MISS	78	35	44
TEX	65	86	86
5 STATES	50	42	45

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

SOYBEANS
% PLANTED

	1985	1984	AVG.
ALA	12	10	16
ARK	5	6	8
GA	20	14	21
ILL	32	3	15
IND	25	6	10
IOWA	25	3	8
KANS	5	1	4
KY	6	0	6
LA	11	10	10
MICH	10	5	6
MINN	21	1	12
MISS	10	4	9
MO	24	3	11
NEBR	10	1	4
N C	15	5	14
OHIO	35	5	15
S C	5	3	10
S DAK	12	0	5
TENN	10	2	10
19 STATES	20	4	11

THESE 19 STATES PRODUCED 94% OF THE 1984 SOYBEAN 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 over 1.00 in. most locations. Temperature 1 to 3° above normal.

Fieldwork: 3.1 days. Soil moisture short to adequate southern one-third of State, adequate to surplus elsewhere. Plowing 92% complete. Corn planted 99%, 85% 1984. Wheat headed 100%, 90% 1984, 90% avg. Wheat turning color 40%, 19% 1984, 26% avg. Cotton planted 91%, 68% 1984, 80% avg. Peanuts planted 72%, 72% 1984, 71% avg. Sorghum planted 38%, 30% 1984, 23% avg. Soybeans planted 12%, 10% 1984, 16% avg. Activities: Care of livestock and poultry; planting of corn, cotton, soybeans, sorghum, peanuts; spraying fruit trees, seedbed preparation, crop cultivation. 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 weekend. Temperatures averaged near normal. Precipitation below normal all areas.

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

ARIZONA: Partly sunny, warm weather prevailed through 9th. Pacific cold weather disturbance moved across State on 10th with isolated sprinkles, strong winds, dropping maximum temperatures 10 to 20°. Average temperatures varied from 1 to 7° above seasonal normals.

Wheat, barley good condition; 98% headed, 80% turning color. Recent cool nights slowed maturity. Barley 10 to 15% harvested. Wheat harvest expected to get underway last week of May. Cotton 95% seeded, 99% 1984, 97% avg; stands good condition, making normal growth. Some early planted fields reached squaring stage. Alfalfa harvest active, stands good condition. Supplies increasing, grower prices lower. Cabbage, carrots, green onions, dry onions, parsley, radishes, turnips, squash harvested Central Valley. Digging of table, chipping potatoes going strong, volume expected to pick up by 18th. Potato size, quality excellent; good skin set. Peach, apricot harvest started. Citrus harvest continued on limited scale; lemons, grapefruit picked on demand. Valencia orange harvest slow.

ARKANSAS: Temperatures slightly above normal. Thunderstorms middle of week, heaviest east central. Highest temperatures 90°, low 42°. Precipitation none to 2.75 in.

Soil moisture adequate. Days suitable for fieldwork 5.0. Major activities chemical application, planting, hay harvest. Rice 52% planted, 40% 1984, 61% avg. Rice 39% emerged, 27% 1984, 30% avg. Cotton 65% planted, 22% 1984, 64% avg. Winter wheat 91% headed, 88% 1984. Sorghum 57% planted, 44% 1984, 56% avg. Soybeans 5% planted, 6% 1984, 8% avg.

CALIFORNIA: Overnight lows across State held steady, while afternoon highs showed a decline. Cooling trend enough to leave most sites 2 to 6° below average. Cooler air brought inland by a low pressure system that split as it moved east. Northern areas no precipitation while stronger portion of low brought only measureable precipitation southern areas on 9th, 10th.

Riverside County dryland small grains remained moisture stressed. Most dryland small grains matured well. Baling oat hay, green chopping small grains continued. Winter wheat 97% headed, 93% 1984, 93% avg. Rice 45% planted, 45% 1984, 38% avg. Rice 15% emerged, 8% 1984, 9% avg. Cotton 98% planted 100% 1984, 98% avg. Corn, sugarbeets, safflower, sunflower seeding continued. Alfalfa hay being harvested. Irrigations, weed control continued for most crops throughout State. Apricots sizing, coloring nicely. Harvest continued for avocados; good quality, prices. Harvest early Perlette table grapes expected to begin about two weeks. Central Valley, Thompson Seedless grapes bloomed. Some growers applied gibberellio acid to Thompson Seedless that will be harvested for table use. Kiwifruit bloomed. Stone fruits continued to be thinned. Early plum varieties approached maturity. Desert peach harvest started. Harvest of Valencia oranges, grapefruit continued. Almonds showed good growth with growers propping limbs to prevent breakage. Artichokes fairly heavy supply. Asparagus harvest remained heavy. Broccoli, cauliflower fairly heavy supply central coast. Cantaloup fields desert showing fruit. San Joaquin Valley growers moved bees into melon fields. Sweet corn harvest started Coachella Valley. Lettuce harvest increased central coast. Late fields disced San Joaquin Valley. Dry market onion harvest increased desert, San Joaquin started Coachella Valley. Spring potatoes harvest increasing Kern district. Planting fall potatoes active. Strawberry harvest quite active. Early market tomatoes neared maturity desert. Planting processing tomatoes almost complete. Range, pasture feed continued dry, mature. Livestock moved summer grazing areas. Stockwater shortages started showing up. Losses from oak bud poisoning declined.

COLORADO: Thunderstorms early week produced amounts up to 1.96 in. High pressure dominated midweek with little rainfall. Temperatures 5 to 10° above normal.

Limited rain showers allowed 5.5 days for fieldwork. Corn planted 63%, 37% 1984, 50% avg. Winter wheat good to excellent condition; 79% jointed, 7% headed, last year 20% jointed and none headed; none avg. for both. Seeding of small grains nearing completion. Planting of fall potatoes at 23%, same as 1984, 35% avg. Livestock good condition; calving 86%, lambing 88% complete.

FLORIDA: Several small surface disturbances produced fairly widespread showers, thunderstorms across western Panhandle, extreme north with some localities receiving 1.00 in. or more. Elsewhere, strong sinking currents continued to suppress any widespread rainfall statewide. However, few interior, western coastal localities received about 0.10 to 1.00

in. not associated with any other weather system. Throughtout interior and western coastal areas, temperatures continued to climb above 90°, with afternoon highs close to 90° other Peninsula locations.

Soil moisture adequate south, short elsewhere. Rainfall across northern areas provided temporary relief. Corn progress fair to good. Tobacco growing rapidly. Peanut planting active, early planting up. Soybean planting increasing, some delays due to dry soil. Cotton planting continues. Wheat harvest underway. Sugarcane progressing favorably. Rainfall beneficial to some Panhandle areas. However, much more rain is needed. Pastures in north, central Peninsula remain in poor condition but good to excellent condition prevail, south. Cattle fair to good condition. Rain needed all citrus areas, groves being irrigated with water use restriction some locations. New crop fruit setting for next season. Very little new growth due to dryness. Valencia harvest active, grapefruit movement slowing. Dry weather continued, vegetable areas. Irrigation very active. Daytime temperatures in 80's and 90's. Early morning low's were 60's and 70's. Overall shipments increased 20% from previous week. Crops gaining in shipments: Sweet corn, okra, potatoes, tomatoes, watermelons. Crops remaining steady in supply: Cabbage, carrots, celery, Chinese cabbage, eggplant, escarole, lettuce, peppers, radishes. Declining in movement: Snap beans, cauliflower, parsley, squash. Tomatoes continued volume leader followed by potatoes, watermelons. Overall supply all vegetables nearing seasonal peak.

GEORGIA: Temperatures averaged near normal north, central, 1 to 3° above normal south. Maximum temperatures low 90's where common central, south 12th afternoon. Lowest temperature 46° Clayton 8th morning. Much needed rain mid, late week with most areas reporting 1.00 to 3.00 in. East central and extreme south central driest with rain totals under 0.50 in.

Soil moisture 2% very short, 18% short, 62% adequate, 18% surplus. Days suitable for fieldwork: 3.8. Main activities: Land preparation, applying insect and weed controls. Corn 99% planted, 94% 1984, 96% avg.; 1% silked, none 1984, none avg.; 19% fair, 75% good, 6% excellent. Cotton 76% planted, 55% 1984, 69% avg.; 2% poor, 39% fair, 57% good, 2% excellent. Grain sorghum 51% planted, 31% 1984, 33% avg.; 2% poor, 22% fair, 73% good, 3% excellent. Peanuts 81% planted, 71% 1984, 77% avg.; 33% fair, 62% good, 5% excellent. Soybeans 20% planted, 14% 1984, 21% avg.; 27% fair, 71% good, 2% excellent. Tobacco 27% fair, 73% good. Watermelons 99% planted, 94% 1984, 95% avg.; 5% poor, 27% fair, 66% good, 2% excellent. Wheat 100% boot, 100% 1984; 97% headed, 97% 1984; 1% harvested, 1% 1984, 2% avg.; 1% very poor, 13% poor, 49% fair, 35% good, 2% excellent. Rye 11% poor, 46% fair, 43% good. Other small grains 2% very poor, 14% poor, 45% fair, 39% good. Apples 5% very poor, 8% poor, 31% fair, 54% good, 2% excellent. Peaches 1% harvested, none 1984, 1% avg.; 14% very poor, 23% poor, 25% fair, 37% good, 1% excellent. Pastures 1% very poor, 5% poor, 39% fair, 52% good, 3% excellent. Cattle 1% very poor, 1% poor, 26% fair, 71% good, 1% excellent. Hogs 1% poor, 18% fair, 80% good, 1% excellent.

HAWAII: Unstable weather conditions produced heavy showers, stronger than normal trade winds, periods of sunshine. Crop conditions varied according to localities' weather. Showers heavy enough early week for flash flood warnings to be posted in many windward areas of major islands. Aside from some minor flooding low lying pastures, agriculture suffered very little damage. Other parts of State received beneficial mixture of sunshine, showers. State's two major vegetable growing regions remained relatively dry. Heavy irrigation, however, continued to ensure normal crop progress. Supplies of Head cabbage, Chinese cabbage expected to remain heavy. Head lettuce output will be steady. Papaya, banana output will be seasonally low.

IDAHO: Week started off wet over State with warming trend by midweek. Temperatures relatively cool, averaging 5 to 10° below normal.

Spring wheat 77% planted, 75% 1984, 85% avg.; 42% emerged, 44% 1984, 60% avg. Spring barley 62% seeded, 55% 1984, 72% avg.; oats 51% seeded. Corn 60% planted, 36% 1984, 41% avg. Dry peas 32% planted, 43% 1984, 76% avg.; lentils 55% planted, 36% 1984, 77% avg. Dry beans 3% planted, 5% 1984, 49% avg. Potatoes 40% planted, 44% 1984, 48% avg.; 2% emerged, 47% 1984, 52% avg. Winter wheat 14% jointed. Hops good condition. Movement to summer pastures; cattle 15%, sheep 46%. Crops, pasture growing slowly due to cold weather, lack of moisture. Livestock good.

ILLINOIS: Temperatures 1° to 11° above normal north, 1 to 3° above normal south. Precipitation none to 1.05 in.

Days suitable for fieldwork: 5.8. Soil moisture 36% short, 54% adequate, 10% surplus. Corn planting 87% complete, 38% 1984, 61% avg. Soybeans planted 32%, 3% 1984, 15% avg. Winter wheat headed 40%, 1% 1984, 20% avg.; condition 2% poor, 14% fair, 72% good, 12% excellent. Oat condition 2% poor, 19% fair, 73% good, 6% excellent. Tillage for corn, sorghum, soybeans 94% complete, 85% 1984, 96% avg. Alfalfa condition 6% fair, 66% good, 28% excellent. Sorghum grain planted 6%, none 1984, 4% avg. Pasture condition 1% poor, 12% fair, 71% good, 16% excellent.

INDIANA: Rainfall generally under 0.20 in. except south central 0.50 in. Temperatures 2 to 6° above normal south, 10 to 14° above north. Lows in 30's northwest on 7th. Soil temperatures mid to upper 60's.

Fieldwork averaged 6.0 days. Topsoil moisture short to adequate. Subsoil moisture short to mostly adequate. Corn 85% planted, 30% 1984, 45% avg,; corn 30% emerged, 3% 1984, 20% avg. Soybeans 25% planted, 6% 1984, 10% avg. Spring cropland 94% tilled, 75% 1984, 90% avg. Wheat condition 27% fair, 67% good, 6% excellent. Wheat 20% headed, none 1984, 8% avg. Wheat 95% jointed, 50% 1984, 65% avg. Wheat height 19 in., 11 in. 1984, 17 in. avg. Alfalfa hay 10% cut once, none 1984, none avg. Clover 5% cut, none 1984.

IOWA: Another warm week with below normal precipitation.

Topsoil moisture conditions 59% short, 40% adequate, 1% surplus. Subsoil moisture conditions 17% short, 82% adequate, 1% surplus. Days suitable for fieldwork: 6.3. Fertilizer applications, tillage operations over 96% complete. Corn acreage planted 90%, 29% 1984, 60% avg. Corn acreage emerged 40%, 62% 1984, 76% avg. Soybean acreage planted 25%, 3% 1984, 8% avg. Winter wheat condition 5% poor, 25% fair, 58% good, 12% excellent. Hay acres 1% very poor, 5% poor, 17% fair, 58% good, 19%

excellent. Oats 1% very poor, 3% poor, 14% fair, 63% good, 19% excellent. Pasture conditions 3% very poor, 4% poor, 27% fair, 51% good, 15 excellent. Livestock very good condition.

KANSAS: Precipitation averaged 1.50 in. southeast, 0.75 to 1.00 in. southwest and east central, 0.25 to 0.50 in. elsewhere. Temperatures averaged 65o northwest to 71o northeast, ranging 4 to 5o above normal southeast and south central, 6 to 9o above normal elsewhere.

Days suitable for fieldwork: 3.5. Wheat excellent growth, far ahead of schedule, few disease problems. Jointing 100%, 65% 1984, 90% avg. Headed 70%, 3% 1984, 25% avg. Corn planted 65%, 20% 1984, 45% avg. Sorghum planted 5%, 2% 1984, 5% avg. Soybeans planted 5%, 1% 1984, 4% avg. Pastures excellent, grazing abundant.

KENTUCKY: Temperatures more typical of early June than early May, averaging 3 to 6o normal. Highs dropped into 70's early, but returning warm air brought maximums back into 80's after midweek. Low temperatures mostly in 50's. Precipitation light until thunderstorms developed on 12th west, south. Late showers brought weekly rain totals to near or slightly below normal levels. Except rainfall totals 0.50 to 0.75 in. below normal north.

Days favorable for fieldwork 5.2. Soil moisture 54% short, 32% adequate, 14% surplus. Moisture supply short throughout much of eastern half. Corn 66% planted, 20% 1984, 50% avg.; over half planted corn emerged. Soybeans 6% planted, none 1984, 6% avg. Nearly 3% burley set, none 1984, none avg. Approximately 25% plants in beds 4 in. or larger. Wheat 75% headed. First crop alfalfa 35% cut. Strawberry crop fair to good, picking underway. Apple prospects fair, most peach trees have no fruit.

LOUISIANA: Rainfall ranged from none to 2.04 in. Average temperatures normal to 1o below. High 91o; low 49o.

Soil moisture conditions short to adequate in all areas except northwest, north central adequate. Days suitable for fieldwork 5.7. Activities included spring plowing; harvesting hay; fertilizing pastures; planting cotton, rice, sorghum, soybeans, and sweetpotatoes. Spring plowing 97% complete 1985, 91% 1984, 91% avg. Corn good condition planted 99% 1985, 93% 1984, 93% avg. Corn emerged 97% 1985, 89% 1984, 88% avg. Rice good condition; planted 90% 1985, 79% 1984, 83% avg. Rice emerged 83% 1985, 69% 1984, 74% avg. Sorghum fair to good condition; planted 83% 1985, 75% 1984, 59% avg. Sorghum emerged 71% 1985, 60% 1984, 46% avg. Cotton fair to good condition; planted 75% 1985, 50% 1984, 61% avg. Cotton emerged 52% 1985, 30% 1984, 40% avg. Winter wheat fair to good condition; headed 96% 1985, 99% 1984, 98% avg. Wheat turning color 77% 1985, 54% 1984, 58% avg.; harvested 3% 1985, 3% 1984 and avg. Some rust reported. Soybeans planted 11% 1984, 10% 1984 and avg. Sweetpotatoes fair to good condition; planted 52% 1985, 23% 1984, 36% avg. Hay first cutting 28% 1985, 22% 1984, 21% avg. Pastures, livestock, vegetables, sugarcane fair to good condition.

MARYLAND & DELAWARE: Maryland: Weather warm, dry. Temperatures averaged 1 to 3o above normal. High temperatures mostly mid 80's while lows mid 30's to low 40's. Precipitation averaged less than 0.03 in., only a few stations reporting much more than a trace.

Small grains fair condition. Barley 100% headed, 100% 1984, 80% avg. Wheat headed 30%, 1 week ahead of 1984's just beginning, near 25% avg. Rye headed 95%, 70% 1984, 90% avg. Tobacco transplanting 15% complete, 10% 1984, 5% avg. Field corn 80% planted, 2 weeks ahead of previous two years. Normally 55% of corn planted by mid May. Soybean planting 5% complete, one week ahead of last year but equal avg. Snap bean, lima bean, sweet corn and watermelon planting more than one week ahead of last year. Acres plowed 95%, 1 week ahead of last year's 75%, a few days ahead of the 90% avg.

Delaware: Weather warm, dry. Temperatures averaged near normal south to 3o above normal north. Highs in 80's lows upper 30's.

Days suitable for fieldwork 6.0. Topsoil, subsoil moisture remained short all areas. Corn planting 85%, 50% 1984, 65% avg. Soybean planting near half due to lack of moisture. Soybean planting 5% complete, 5% 1984, 15% avg. Vegetable planting well underway.

MICHIGAN: Another summer-like week. Temperatures averaged 7o above normal. precipitation light throughout State.

Spring fieldwork, planting continued ahead of normal. Topsoil moisture becoming short southern counties. Corn 70% planted, 40% 1984, 37% avg. Oats 95% planted, 85% 1984, 83% avg. Soybeans 10% planted, 5% 1984, 6% avg. Sugarbeet planting completed. Winter wheat 1% headed, none 1984, none avg. Excellent weather hastened fruit development. All fruit crops look excellent with good fruit sets southwest. Vegetable planting full swing. Asparagus harvest 35% complete.

MINNESOTA: High pressure dominated until weekend thunderstorms brought heavy rains to northern portion. Temperatures averaged 9 to 12o above normal. Low: 34o; high 93o. Precipitation averaged 0.27 to 0.49 in. below normal, south central, southeast; 2.86 in. above normal north central; 0.16 to 0.81 in. above normal elsewhere. Greatest weekly total: 3.95 in.

Clear weather allowed rapid progress in fields. Days suitable for fieldwork: 5.9. Topsoil moisture 3% very short, 33% short, 62% adequate, 2% surplus. Southern portion, corn germinated quickly warmer than normal soil; newest plantings need more moisture, top few inches. Moderate to heavy rain, Red River Valley; some fields flooded. Small grains mostly planted except wet areas in north central portion. Winter wheat condition 15% poor, 41% fair, 42% good, 2% excellent. Spring wheat planted 88%, 75% 1984, 83% avg.; emerged 59%, 27% 1984, 47% avg. Oats planted 90%, 80% 1984, 86% avg.; emerged 72%, 39% 1984, 52% avg. Barley planted 85%, 70% 1984, 77% avg.; emerged 54%, 26% 1984, 41% avg. Field corn planted 70%, 18% 1984, 47% avg. Soybeans planted 21%, 1% 1984, 12% avg. Sunflowers planted 9%, 8% 1984, 19% avg. Sugarbeets planted 98%, 78% 1984, 88% avg. Potatoes planted 48%, 28% 1984, 33% avg.

MISSISSIPPI: Heavy isolated thundershowers occurred in northern one-third of State. Temperatures averaged above normal for week. Extremes: 55 and 89o. Greatest weekly rainfall 4.02 in. at Pontotoc.

Soil moisture adequate to surplus. Fieldwork: 3.4 days suitable, 3.0 1984, 4.6 avg. Wheat condition fair; 97% heading, 97% 1984, 95% avg.; 10% ripe, 4% 1984, 8% avg. Corn condition good to fair; 90% planted, 75% 1984, 82% avg.; 82% to stand, 61% 1984, 60% avg. Rice condition good; 84% planted, 54% 1984, 74% avg.; 78% to stand, 35% 1984, 44% avg. Cotton

condition good to fair; 60% planted, 35% 1984, 68% avg.; 40% to stand, 15% 1984, 34% avg. Soybean condition fair; 10% planted, 4% 1984, 9% avg.; 2% stand, 2% 1984. Sorghum 50% planted, 35% 1984, 29% avg. Peanuts 39% planted, 27% 1984, 43% avg. Watermelons 74% planted, 59% 1984, 67% avg. Sweetpotatoes 34% planted, 20% 1984, 26% avg. Hay 13% harvested, 8% 1984. Pastures good to fair condition. Livestock good condition. Peaches fair condition.

MISSOURI: Temperatures returned to mild side averaging 4° above normal, ranging from 6° above in northwest to 2° above in southeast. Rainfall averaged around 0.50 in. with northern half averaging 0.75 in. and southern half nearly 1.00 in.

Days suitable for fieldwork 4.0. Corn 84% planted, 19% 1984, 55% avg. Cotton 26% planted, 18% 1984, 56% avg. Soybeans 24% planted, 3% 1984, 11% avg. Sorghum 23% planted, 7% 1984, 21% avg. Wheat 64% headed, 11% 1984, 29% avg. Spring tillage 84% completed, 56% 1984, 81% avg. First cutting alfalfa 13% 1985, 9% avg. Pasture condition 19% fair, 67% good, 14% excellent. Topsoil moisture 5% short, 72% adequate, 23% surplus. Condition of wheat 5% poor, 48% fair, 47% good.

MONTANA: Somewhat cooler temperatures; west of divide temperatures 3° below normal, east of divide temperatures 3 to 7° above normal. Southwest, south central good rain late week, most of these areas receiving 0.75 to 1.00. No precipitation west of divide, extreme eastern sections. Quite windy again most day.

Moisture supplies short. Days suitable for fieldwork: 6.3. Winter wheat winterkill light to severe. Cutworm damage mostly light. Planting progress: Spring wheat 85% planted, 80% 1984, 80% avg.; 50% emerged, 40% 1984, 40% avg. Barley 85% planted, 80% 1984, 80% avg.; 50% emerged, 50% 1984, 45% avg. Oats 25% planted; emerged 45%, 30% 1984, 35% avg. Corn 60% planted, 25% 1984, 45% avg. Sugarbeets 95% planted, 40% 1984, 80% avg. Potatoes 15% planted, 15% 1984, 25% avg. Dry beans 20% planted, 30% 1984, 30% avg. Livestock: About 45% of cattle and sheep moved to summer ranges.

NEBRASKA: Mild week with scattered thunderstorms weekend. Precipitation ranged from 0.25 to 1.00 in. Temperatures averaged from 6 to 9° above normal.

Winter wheat condition rated 5% poor, 13% fair, 77% good, 5% excellent. Development of crop 7-10 days ahead of normal. Wheat jointed 80%, 30% 1984, 55% avg. No wheat headed. Corn planted 65%, 10% 1984, 40% avg. Sorghum planted 20%, 1% 1984, 5% avg. Soybeans planted 10%, 1% 1984, 4% avg. Alfalfa and wild hay mostly good condition. Topsoil moisture 33% short, 67% adequate. Subsoil moisture 24% short, 76% adequate. Days suitable for fieldwork: 6.8.

NEVADA: Cloudy, windy all areas first half of week. Winds in excess of 35 mph noted most sections. Temperatures averaged 8° above normal early, dipped below normal midweek to end. Overnight lows fell slightly below freezing some western, northern areas. Light snowfall noted Sierras, northern mountains.

Potato planting progressing, emergence slow due to low night temperatures. Light to no precipitation favorable for small grain seeding. Mild weather easy on newborn calves, lambs.

NEW ENGLAND: Average precipitation ranged from 0.50 to 1.00 in. over northern areas to 0.25 to 0.50 in. over southern regions. Average temperatures mid 40's near Canadian border to around 60's along south coast. Temperatures near normal.

Soil moisture supplies short to adequate. Localized frost damage to early crops southern areas. Days suitable for fieldwork average 5.5. Fieldwork progress 4 days ahead of schedule. Maine potatoes less than 5% planted, on schedule with last year. Oats sown 30%, 5% 1984, 20% avg. Rhode Island potatoes 90% planted, 5% emerged. Field corn 25% planted, 15% 1984. Early sweet corn 30% planted, 20% 1984. Asparagus harvest well underway. Apple trees in early to full bloom. Massachusetts cranberry vine condition rated excellent.

NEW JERSEY: Temperatures averaged 4° above normal. Extreme: 26°; 92°. Weekly rainfall averaged 0.19 in. north, 0.01 in. central, 0.01 in. south. Heaviest 24-hour total was 0.44 in. on 6th, 7th. Estimated soil moisture in percent of field capacity, averaged 91% north, 77% central, 68% south. Four inch soil temperatures averaged 58° north, 62° central, 62° south.

Fieldwork continues to progress up to 2 weeks ahead of schedule. Rain needed. Asparagus, spinach, radishes and all types of "greens" are moving to market in moderate to good volume. Gibb, Boston, Romaine and Leaf lettuce supplies are moderate to good. Growers continued to plant snap beans, sweet corn, eggplant, peppers, tomatoes. Irish potatoes making good growth. Sweetpotato transplanting beginning. Peaches and strawberries sizing. Blueberry bloom continues heavy. Field corn and soybean planting active. Hay, rye straw cutting increasing.

NEW MEXICO: Average temperatures 2 to 5° above normal. Minimum: 23, northwestern Plateau, western mountains. Maximum; 94, southeastern Plains. Scattered showers north east midweek; north weekend. Precipitation from none to 0.60 in.

Soil moisture short to adequate, mostly adequate. Hail damage none to moderate; wind damage none to light. Alfalfa hay mostly good - first cut 40% completed. Cotton 85% planted, 63% 1984, 60% avg. Cotton good to excellent - over 50% acceptable stand. Corn good to excellent - 75% planted, 70% acceptable stand. Barley good to excellent - 60% heading, 5% coloring. Irrigated, dryland wheat mostly good - 60% heading, 5% coloring. Irrigated grain sorghum good - over 10% planted. Pecans mostly good - average to heavy nut set. Apples fair to good - mostly average fruit set. Chile good to excellent. Lettuce fair to good - harvest activities at peak. Onions good. Cattle, sheep mostly good. Range fair to good, mostly good.

NEW YORK: Weather variable across State. Average temperatures normal. Most of State received some needed rainfall. Only extreme southeast State little or no rain. Widespread rain, totaling around 0.50 in., many areas on 6th. Weather turned quite cool midweek. On 9th, hard freeze across State with minimums in 20's. Weather turned warm end of week with temperatures in 80's, scattering of showers.

Soil moisture varies from short to adequate. Planting of corn, oats continued to be well ahead of normal. Planting picking up quickly throughout State, with planting now 27% complete. This compares with 5% 1985, 5% 1984, 15% avg. Oat planting is complete in some areas, while average is 87% complete. This is well ahead of 1984's 13% and 37% avg. Many fields up, doing well. Hay growth resumed quickly following rains, ahead of normal. Hay

crops, winter wheat conditions ranged from fair to good.

NORTH CAROLINA: Temperatures ranged from 2 to 4° below normal mountains to about 2° above normal east. Precipitation ranged from none to 2.11 in. mountains.

Soil moisture 31% very short, 61% short, 8% adequate. Days suitable for fieldwork 5.8. Condition: Pasture 44% poor, 51% fair, 3% good, 2% excellent. Wheat 55% poor, 40% fair, 5% good. Oats 56% poor, 38% fair, 6% good. Barley 54% poor, 42% fair, 4% good. Rye 40% poor, 53% fair, 7% good. Tobacco beds 19% poor, 65% fair, 16% good. Irish potatoes 40% fair, 60% good. Tobacco 8% poor, 65% fair, 27% good. Corn 3% poor, 63% fair, 31% good, 3% excellent. Cotton 81% fair, 19% good. Plantings: Corn 97%, 83% 1984, 90% avg. Cotton 80%, 50% 1984, 73% avg. Peanuts 65%, 34% 1984, 47% avg. Sorghum 49%, 25% 1984, 27% avg. Soybeans 15%, 5% 1984, 14% avg. Flue-cured tobacco 78%, 65% 1984, 65% avg. Sweet potatoes 17%, 6% 1984, 7% avg. Major farm activities: Transplanting tobacco, planting soybeans, cotton, peanuts, corn, spraying insecticides, irrigating tobacco beds, cutting hay, cultivating potatoes and corn.

NORTH DAKOTA: Week warm, with temperatures into the low 90's at start of week. All districts reported above normal temperatures, southeastern division averaged 10° above normal. Moisture variable with some locations reporting no precipitation, while others affected by a storm that covered entire State by end of week. Cooperstown reported greatest rainfall amount with a total of 3.57 in.

Seeding of small grain, row crops, except sunflower, well ahead of normal. Moisture supplies above normal. Pastures improving. Hard red spring wheat 92% seeded, 47% 1984, 60% avg.; durum 79% seeded, 32% 1984, 46% avg. Barley 91% seeded, 58% 1984, 61% avg.; oats 85% seeded, 38% 1984, 54% avg. Corn 42% planted, 10% 1984, 15% avg. Flaxseed 43% planted, 5% 1984, 11% avg. Soybeans 23% planted, 3% 1984, 10% avg. Sunflower 5% planted, 1% 1984, 5% avg. Sugarbeets 99% planted, 85% 1984, 90% avg. Dry edible beans 7% planted, 1% 1984, 4% avg.

OHIO: Temperatures averaged 2 to 6° above normal. Daily highs reached lower 80's; daily lowes dipped to low 30's. Precipitation well below normal; northeast, south 0.25 to 0.50 in.

Fieldwork: 6 days suitable. Soil moisture 40% short, 59% adequate, 1% surplus. Corn planting 90% complete, 25% 1984, 45% avg.; 50% emerged. Soybean 35% planted, 5% 1984, 15% avg. Winter wheat headed 10%, none 1984, none avg. Major activities: Planting, spreading fertilizer, spraying pesticides, harvesting hay and early vegetables. Freeze on 8th damaged grapes, other fruits northeast. Insects increasing faster, earlier in season.

OKLAHOMA: Temperatures averaged 1° above normal southeast to 5° above normal Panhandle, northeast, central. Precipitation averaged 0.02 in. southwest to 1.23 in. Panhandle.

Sunshine, above-normal temperatures promoted excellent wheat development. Hail, heavy rains, some tronadic activity caused undeterminable damage on 12th. Small grains now reaching soft dough stage. Wheat headed 85%, 40% 1984, 65% avg. Corn, cotton row crops more advanced than average. Sorghum planted 5%, 10% 1984, 10% avg. Cotton planted 20%, 2% 1984, 10% avg. Good forage growth. Forage supplies short only 5% of reporting counties. Pastures, livestock good condition.

OREGON: Another dry week. Moisture along northern coast up to 0.70 in., western valley received 0.10 in., all other areas dry. Temperatures below normal.

Soil continued drying out. Winter wheat condition poor to good. Southern slopes, shallow soils show drought stress. Other fields to follow if no rainfall. Winter wheat just beginning to head western Umatilla County. Rye, barley began heading, 2 to 3 weeks ago. Barley 96% planted. Early hay harvesting yields down. Irrigating mint, alfalfa central region. Spring grain seeding continued high elevations east. Crimson clover blomming Willamette Valley. Hood River fruit crop indeterminant; poor pollinization due to cold; apparently limited freeze damage. Cool weather hindered pollinization of tree fruit in other eastern growing areas. Willamette Valley: Strawberries blooming, being sprayed, new plantings complete; caneberries in bud, some early blooming little frost damage; tree crop set good; filberts look good, blight showing some young orchards. Cranberries sprinkled for frost control, very little injury expected. Medford area, some vineyards experienced frost May 1st, 2nd. Western vegetable fields growing well under irrigation; planting on schedule; some onions replanted after wind damage; seed cabbage in bloom; radishes, green onions, spinach being harvested. Potatoes mostly emerged Hermiston-Boardman, some cultivation. Wind damage to potatoes, onions. Onions being replanted. Asparagus harvest continued. Klamath County potato planting about 5% complete. Malheur County sugarbeets being blocked, potatoes emerging, onions show nice stands. Livestock conditions good to excellent. Range, pasture condition fair to good, all areas need rain.

PENNSYLVANIA: Warm, dry weather continued across State. Average statewide temperatures 61°, 4° above normal. Highest temperatures 88° Allentown on 11th. Lowest temperatures 27° Montrose on 9th. Average statewide precipitation 0.19 in., 0.63 in. below normal. Highest precipitation amount Blairsville 0.63 in.; ranged down to traces several locations.

Days suitable: 5.0. Moisture adequate to short. Activities: Plowing, spreading manure; harvesting ryelage; small amounts of alfalfa for silage and hay; planting oats, potatoes, corn; spraying herbicides for no-till corn. Spring plowed 86% complete, 48% 1984, 69% avg. Corn 53% planted, 10% 1984, 27% avg. Oats 96% planted, 62% 1984, 79% avg. Alfalfa stands mostly good to fair. Clo-tim stands mostly fair to good. Feed from pastures mostly average. Peaches 14% pink, 86% full bloom or past; last year 25% pink, 59% in full bloom or past. Cherries 95% in full bloom or past; last year 59% full bloom or past. Apples 5% pink, 94% in full bloom or past; last year 37% pink, only 14% in full bloom or past.

PUERTO RICO: Island average rainfall 0.68 in., 0.83 in. below normal. Highest weekly total 7.40 in. Highest 24-hour total 3.77 in. Temperatures averaged 79° on coasts, 74° interior divisions. Mean station temperature ranged from 64° to 82°. Extremes: 51°, 93°. Total rainfall 0.71, 0.53 below normal.

SOUTH CAROLINA: Cool weather over most of State on 8th, 9th. Cloudy humid conditions persisted. General showers in most areas. Rainfall amounts localized, downpours in few areas. Southern and west central State received very little.

Soil moisture short. Days available for field activities 4.8. Corn condition fair to

good; planting complete. Cotton condition fair to good; 96% planted, 72% 1984, 76% avg. Tobacco condition fair to good; planting complete. Soybeans 5% planted, 3% 1984, 10% avg. Peach condition still poor to fair. Tomato condition fair to good. Watermelon condition fair; 87% planted.

Pasture condition fair. Wheat, rye, oats, and barley condition poor to fair. Rain brought some relief, more needed for continued improvement. Most small grains in southeast part of State nearly mature - will not benefit from additional rainfall.

SOUTH DAKOTA: Average temperatures 8 to 14° above normal. Extremes: 23°; 98°. Black Hills low 20°. Rainfall light except parts of extreme east where scattered heavy thunderstorms reported.

Days suitable for fieldwork: 6.0. Topsoil moisture critically short to very short across western three quarters of State, adequate extreme east and southeast. Range and pastures good condition east one-third, in fair condition across the remainder of State. Livestock good condition. Feed, stockwater supplies adequate. Small grains good condition. Calving and lambing 89% complete. Corn planted 50%, 6% 1984, 23% avg. Spring wheat planted 100%, 71% 1984, 84% avg. Spring wheat emerged 100%, 29% 1984, 60% avg. Winter wheat headed none, none 1984, none avg. Sorghum planted 5%, none 1984, 2% avg. Soybeans planted 12%, none 1984, 5% avg.

TENNESSEE: Precipitation generous over most State; highest amounts south, east. West received rain early week. Temperatures mostly near normal; averaged 60's middle, east, lower 70's west.

Farmers averaged 4.0 days suitable for fieldwork. Soil moisture 23% short, 57% adequate, 20% surplus. Corn planted 75%, 25% 1984, 45% avg. Cotton planted 65%, 15% 1984, 55% avg. Sorghum planted 25%. Tobacco transplanted 12%, 3% 1984, 8% avg. Wheat headed 85%, 60% 1984, 65% avg. Alfalfa 1st cutting 40%, 9% 1984, 30% avg. Soybeans planted 10%, 2% 1984, 10% avg. Pastures, livestock good condition.

TEXAS: Early week, stationary front from western Red River Valley, across South Plains, into mountainous southwest. Near front, thunderstorms parts Plains, to southwest mountains, north areas western. Midweek, thunderstorms more active central, south, southwest. Thunderstorms on 10th detected over southeast upper coast as moist unstable air flowed eastern two-thirds. Surface low pressure anchored northwest as cool front stretched across Plains. Drier air filtering into west several upper level disturbances moving across State, severe thunderstorms erupted parts north central large hail, heavy rains of 1 to 2 in., damaging winds over area. Temperatures 1 to 3° above normal along upper coast, south, Lower Valley; 4 to 6° above normal across Plains, east, Trans-Pecos, Cross-Timbers, Blacklands, south central, Coastal Bend. Edwards Plateau area 8° above normal. Precipitation near normal across Edwards Plateau east area 1 in. below rest State averaging 0.02 to 0.06 below.

Crops: Grain sorghum planting continued Plains. Scattered areas remained dry to plant. Planted fields Blacklands, central continued make good progress. Spraying for insects completed. Cultivation being completed these areas. Producers Rio Grande Valley stepped up irrigation. Some early fields begun heading. Corn planting good progress Plains. Most fields up to good stands with hail damage. Fields Blacklands rapid growth good stands reported. Some early fields south central begun tasselling. Along upper coast Coastal Bend Rio Grande Valley, tasselling continued. Irrigation steady Valley. Statewide condition rated at 88% of normal compared with 52% year ago. Cotton planting good progress Plains Blackland region. Some early fields up to stands Plains. Dryland fields remained too dry some areas for planting to begin. Some replanting due hail damage necessary some areas. Spraying for insects continued. Excellent progress reported Valley light moderate insect problems. Squaring continued this area, as well Coastal Bend. Small grains continued making good progress most areas. Irrigated fields Plains excellent progress. Dryland fields showed stress soil moisture short. Lodging from high winds hail. Fields continued turing color. Harvest nearing Blacklands central. Some damage received because hail in these areas. Oats continued head out many fields turing color. Harvest spread south central yields ranging higher than last year lower than early expectations. Statewide wheat condition rated at 83% of normal compared with 63% year ago. Current reported conditions 33% fair, 52% good, 15% excellent. Rice Planting moved ahead good progress. Planted fields growing rapidly. Herbicide treatment continued. Peanut planting continued areas good soil moisture existed. Few early planted fields up to stands.

Corn planted 98%, 96% 1984, 94% avg.; silked 5%. Cotton planted 38%, 23% 1984, 27% avg.; squaring 2%, 6% 1984, 4% avg. Rice planted 83%, 100% 1984, 97% avg.; emerged 65%, 86% 1984, 86% avg. Sorghum planted, all purposes 69%, 65% 1984, 69% avg.; headed 2%, 12% 1984, 8% avg. Wheat headed 76%, 59% 1984, 66% avg.; turning color 20%, 20% 1984, 14% avg.; harvested for grain 4%, 1% 1984, none avg. Oats harvested for grain none, 1% 1984, 2% avg. Peanuts planted 11%, 14% 1984, 14% avg. Soybeans planted 10%, 5% 1984, 2% avg. Sugarbeets planted 98%, 100% 1984, 99% avg. Sunflowers planted 12%, 9% 1984, 14% avg.

Commercial Vegetables: Rio Grande Valley, harvest cabbage, carrots, onions continued. Honeydew, watermelon harvest neared. Melon crops good progress. San Antonio-Winter Garden, onion harvest picked up. Most spring vegetables good progress. East, transplanting sweetpotatoes continued. Tomatoes setting fruit. Spring crops good progress. High Plains, irrigating potatoes onions continued. Pepper planting underway. Carrot planting continued. Peaches scattered areas suffered some damage high winds hail; however, overall crop expected good. Cover spraying continued. Pecan producers looking for casebeares throughout week. Spraying begin within two weeks. Good nut set continued most areas.

Range and Livestock: Range pasture condition held steady. Many producers continued spraying. Hay crops good growth. Scattered areas beginning need additional moisture insure continued growth. Livestock marketings steady.

UTAH: Scattered thunderstorms deposited variable precipitation amounts at 33 of the 43 reporting stations. Accumulations ranged from light to heavy. Temperatures averaged 7° above normal, ranging from 1 to 10° above.

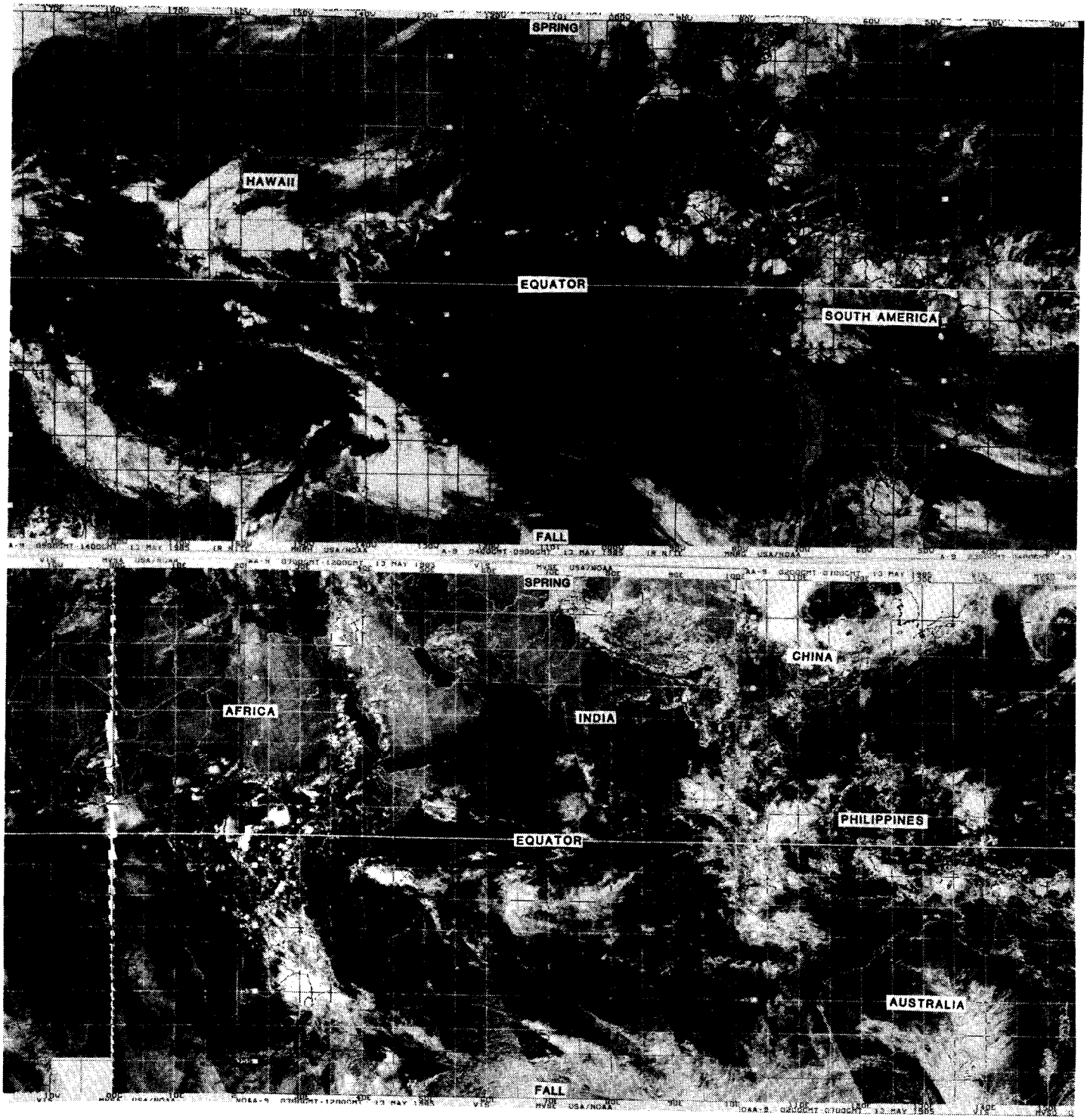
Spring small grain seeding nearly complete. Corn 58% seeded. Alfalfa cutting underway south. Grasshoppers hatching. Range, pasture good. Calving, lambing nearly complete.

VIRGINIA: Temperatures near normal. Partly cloudy or sunny until 12th. Scattered

(Continued to page 13)

GLOBAL WEATHER SATELLITE PHOTO

May 13, 1985



International Weather and Crop Summary

May 5-11, 1985

HIGHLIGHTS:

1. UNITED STATES ... Sunny, dry weather allows rapid planting in major crop areas. However, the drought continues from Virginia northward, along the west coast, into the Northern Plains States and over the Northern Mountain States. Heavy rain over parts of the Southeast alleviates the drought and helps crops.

2. WESTERN USSR ... Strong warming trend in the south and east enhances winter grain growth.

3. NEW LANDS ... Abundant moisture exists in most areas for spring crop planting in mid-May.

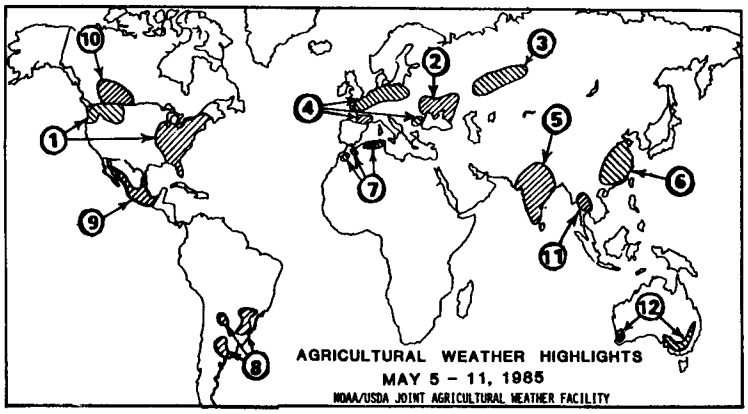
4. EUROPE ... Showers delay summer crop planting in southern France. Warm, dry weather across the north favors crop emergence and early growth. Persistent dryness is becoming detrimental to crops in southeastern Romania.

5. SOUTH ASIA ... Variable premonsoon showers fall in much of the region. Some rice planting may have begun in the east.

6. EASTERN ASIA ... Rain continues to improve crops in the North China Plain. Drier weather covers southern rice.

7. NORTHWESTERN AFRICA ... Several days of dry weather in Morocco aids grain maturation. Showers in Algeria and Tunisia benefit winter grains in the filling stage.

8. SOUTH AMERICA ... Favorable harvest weather covers major summer crop areas of Argentina and Brazil's northern soybean areas, but locally heavy rain late in the week disrupts Brazil's southern soybean harvest. Harvesting has made substantial progress in recent weeks.

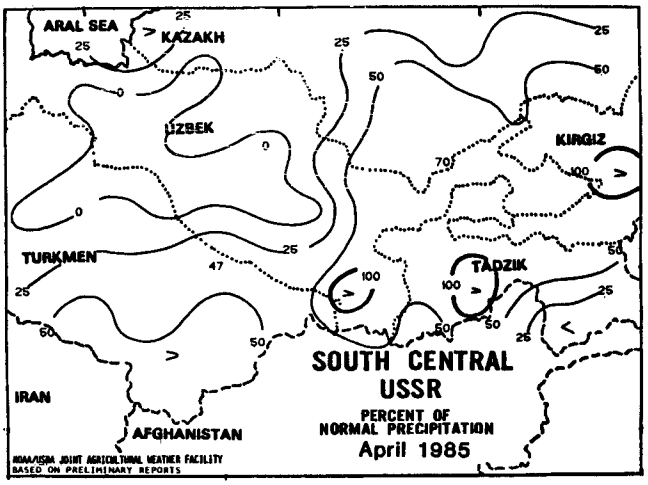


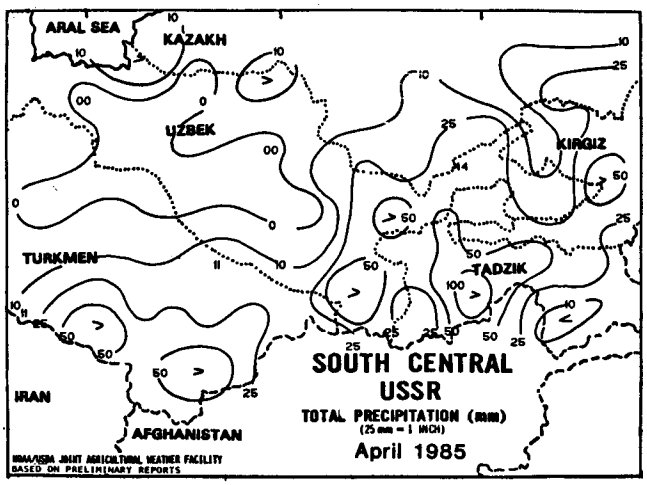
9. MEXICO ... Showers benefit only a small part of the major corn belt.

10. CANADA ... Showers in eastern crop areas moisten topsoils for spring wheat planting, but moisture is limited in the southwest. Soils are sufficiently moist in most northern crop areas.

11. SOUTHEAST ASIA ... Moderate to heavy rain benefits planting and early growth of rice and corn.

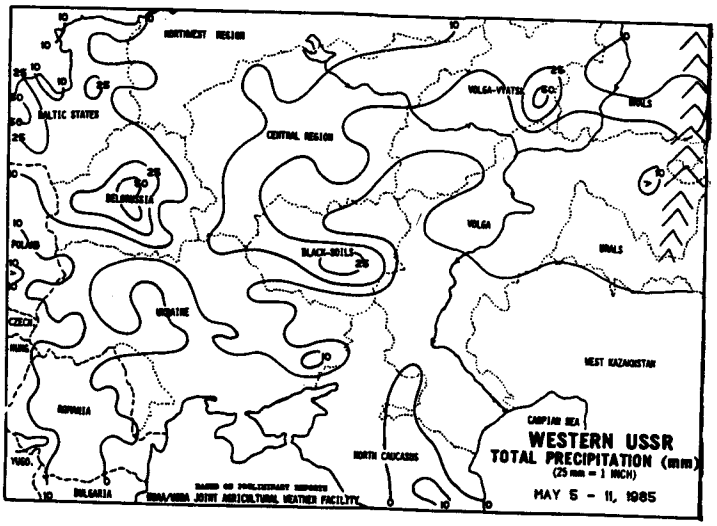
12. AUSTRALIA...Early wheat planting has begun in southern Queensland. Adequate topsoil moisture aids fieldwork in northern New South Wales, but planting rains are needed elsewhere.

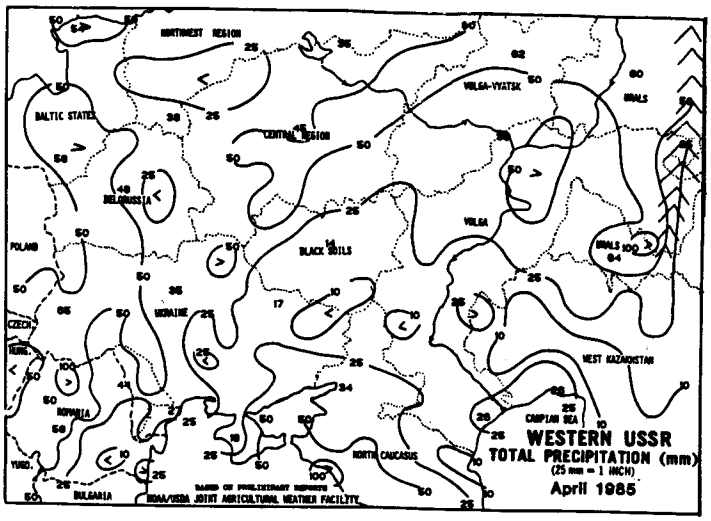


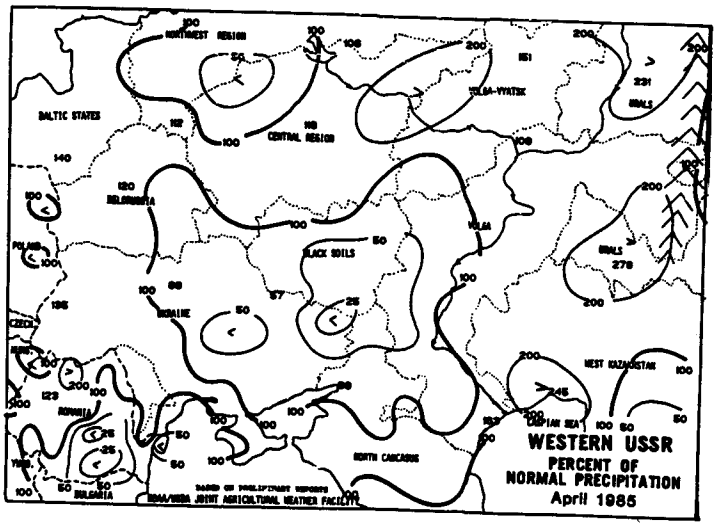


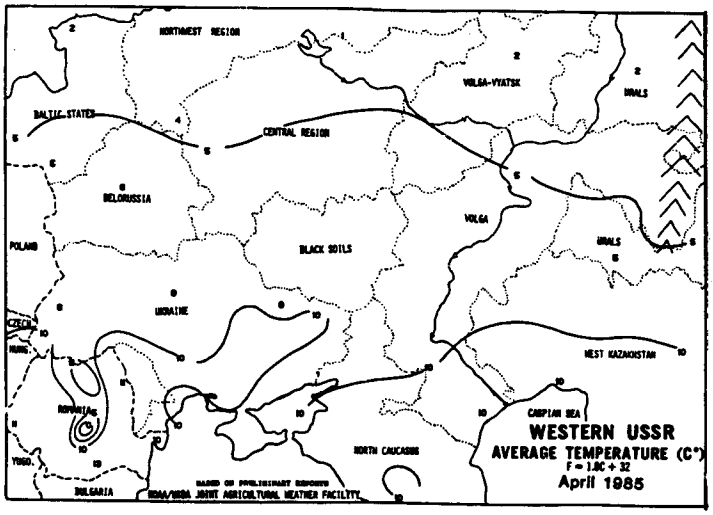
(South Central USSR continued to p.25)

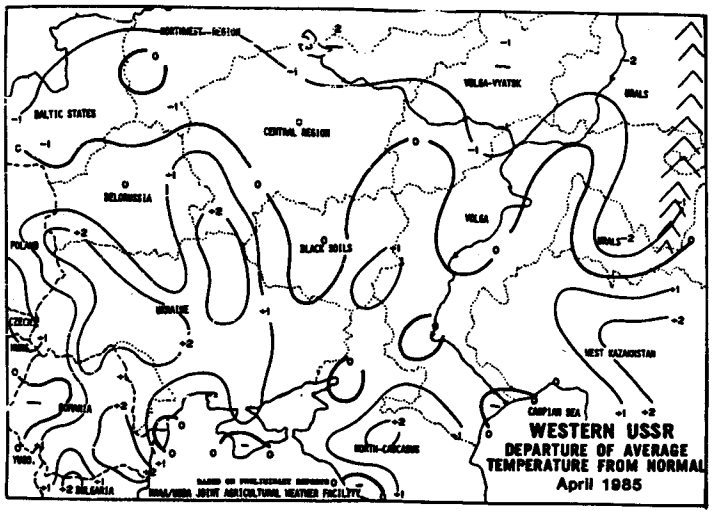
WESTERN USSR...Rapid warming occurred over much of the region. Maximum temperatures in the south were around 30C, with minimums around 15C. Generally dry weather aided spring planting in the south and east, while wet weather likely delayed planting in the Baltic States and Belorussia. In April, below-normal precipitation covered central crop areas, which allowed a delayed sowing pace to increase. April temperatures continued to gradually increase, and by month's end, winter grains likely broke dormancy in most areas. The recent warm spell enhanced the growth of winter grains, particularly those in the south. Sufficient topsoil moisture likely met the increasing crop moisture demands, but timely rains and seasonable temperatures will be required during the remainder of the growing season to ensure favorable crop prospects.



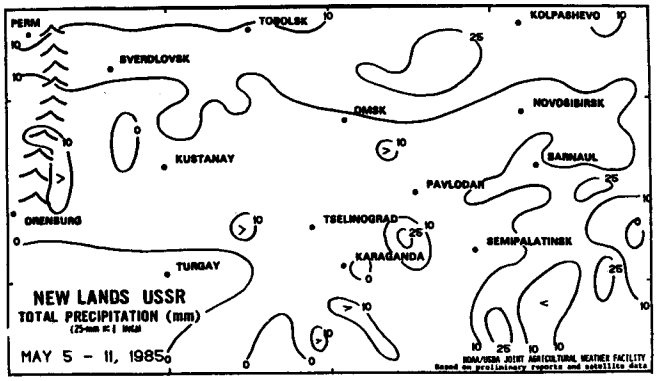


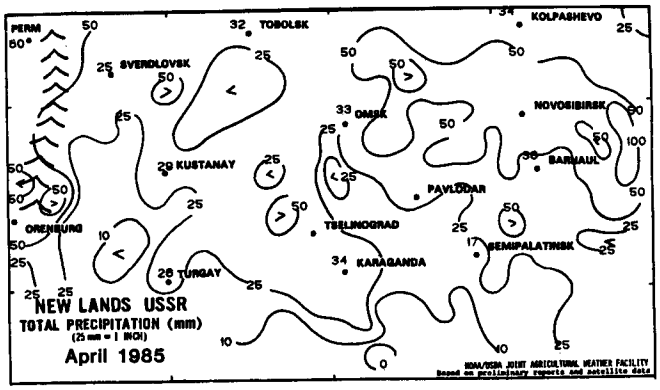


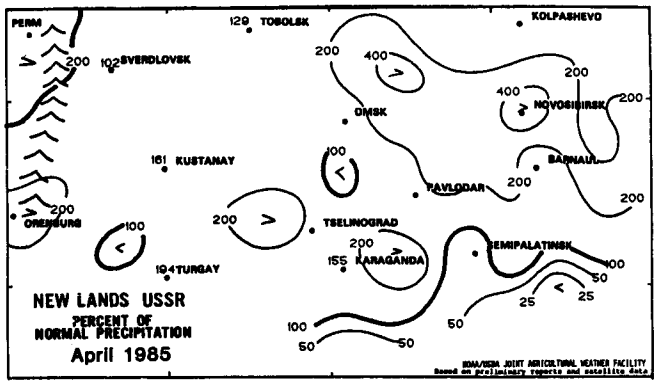


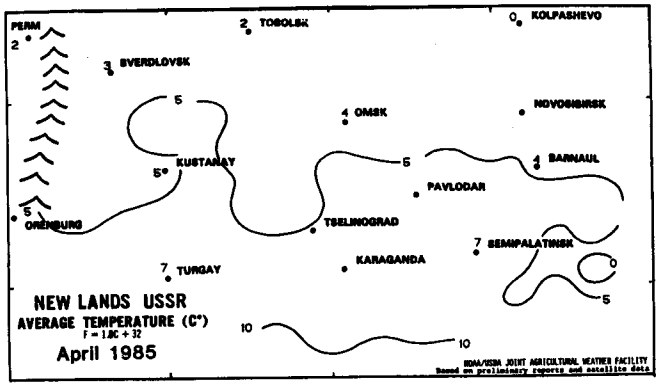


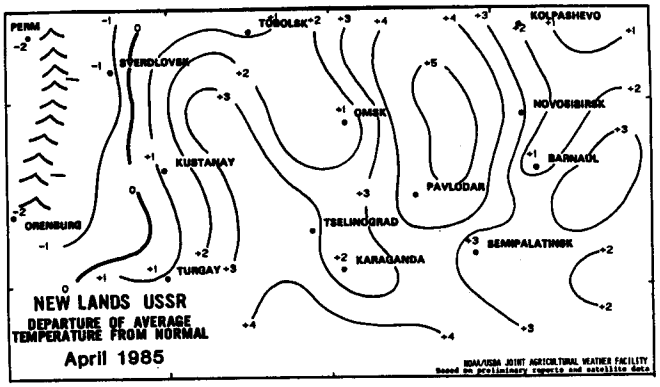
NEW LANDS...Cooler-than-normal weather replaced unseasonably warm, dry weather earlier in the week. April's, above-normal precipitation continued the winter's near-to-above normal rainfall, providing ideal preplanting moisture. In addition, April's above-normal temperatures helped melt snow. Spring crop planting normally begins about mid-May, and some early fieldwork may be underway in southwestern crop areas. In south-central USSR cotton areas, planting is in full swing under mostly favorable weather conditions. April temperatures during April were above-normal, and precipitation was below normal everywhere, except in the south it was above normal.



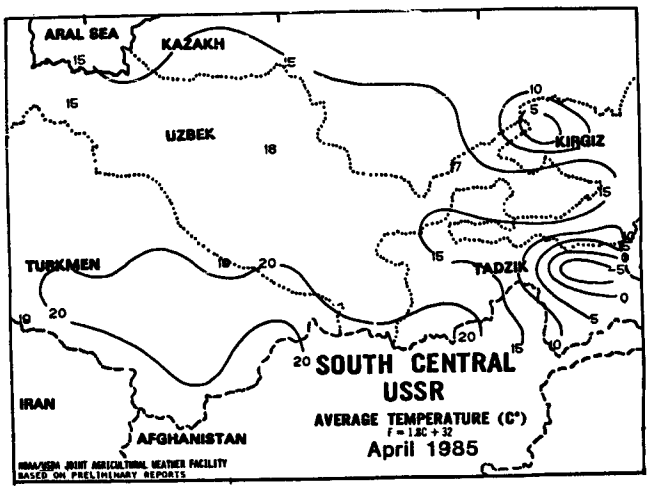


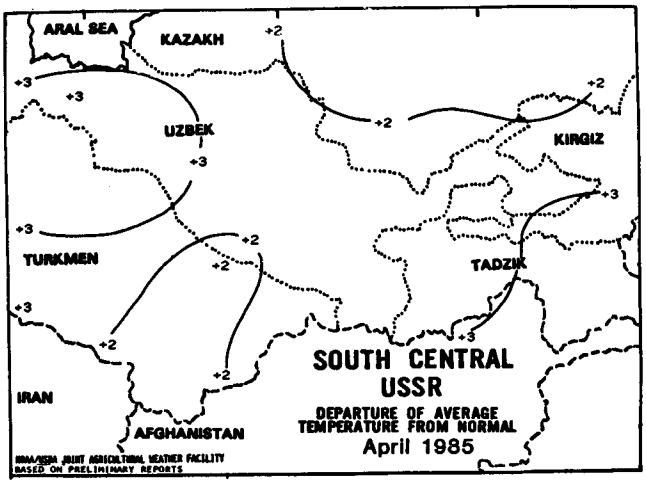




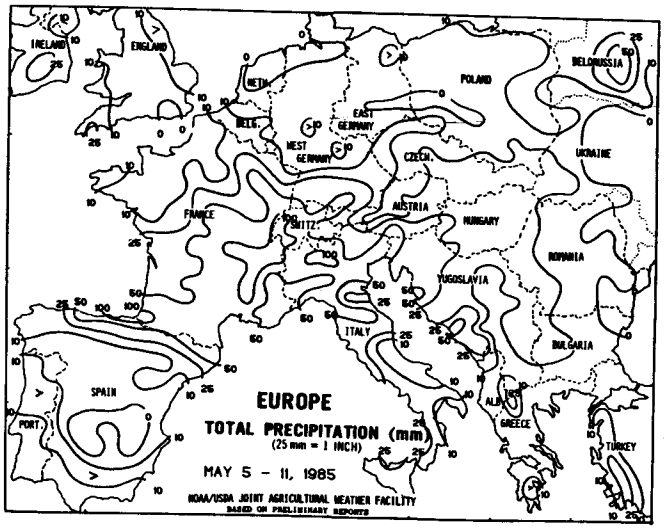


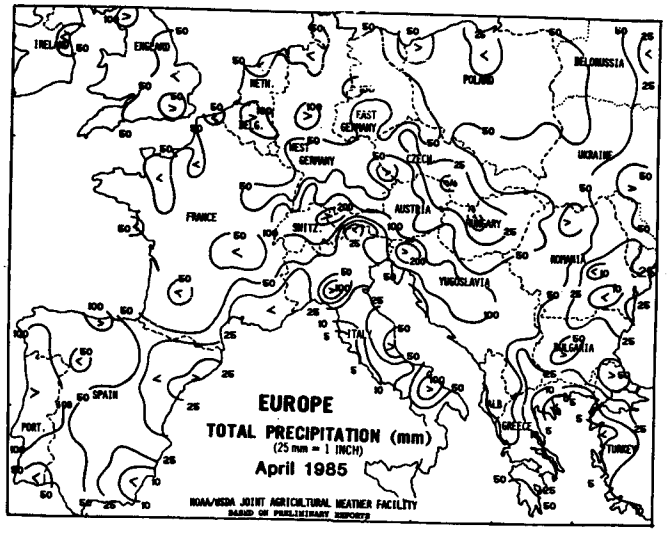
(South Central USSR continued from p.23)

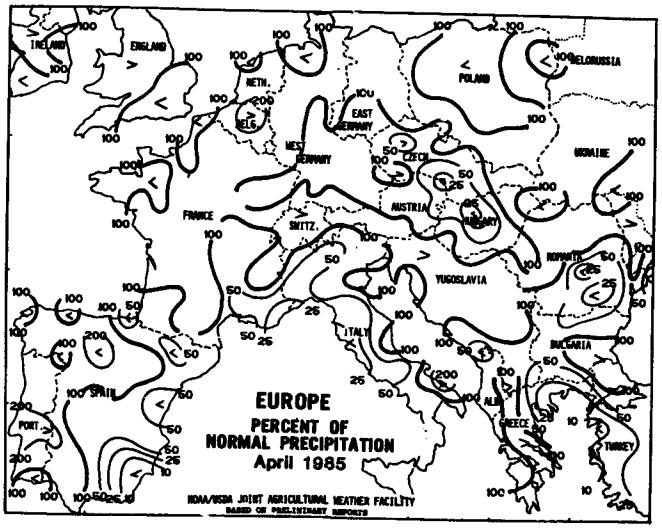


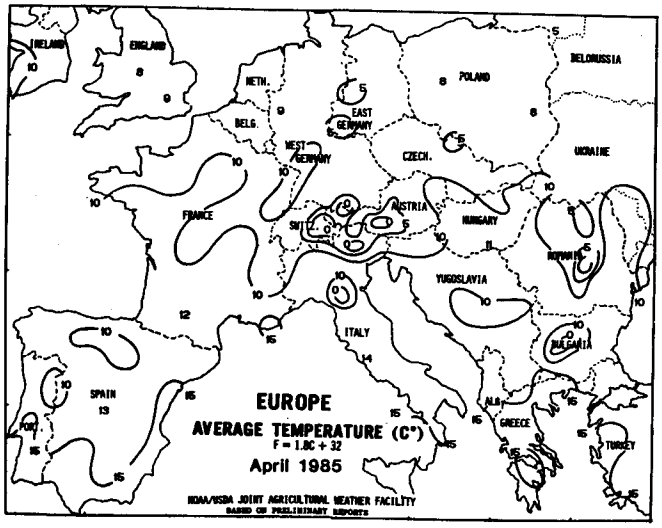


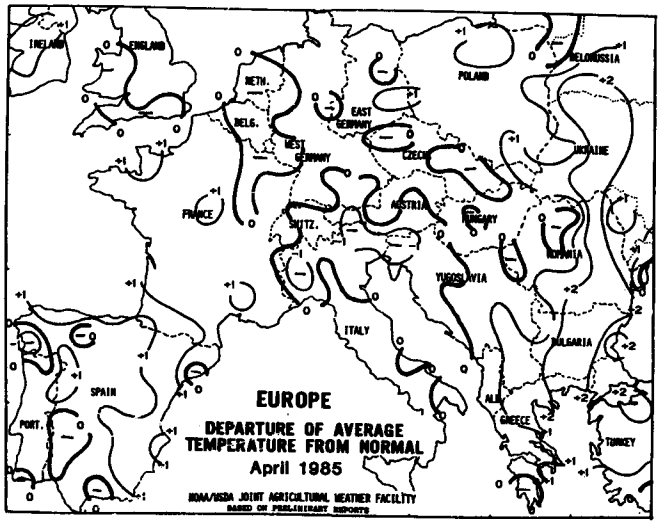
EUROPE...A storm system developed over southern France early in the week and drifted slowly northeastward. As a result, most of Europe's precipitation was confined to central and southern France, northern Italy, and Hungary, reversing April's below- normal precipitation in those areas. April's dry pattern in southeastern Romania continued, past week, likely stressing winter grains and creating highly unfavorable moisture conditions for summer crop planting. Warm, dry weather in northern Europe reversed April's cool wet pattern, favoring emergence and early growth of spring-sown crops. Light, scattered rain fell over Spanish winter grains areas. Winter grains in southern Spain are likely in the late filling stage, while the crop is heading further north.



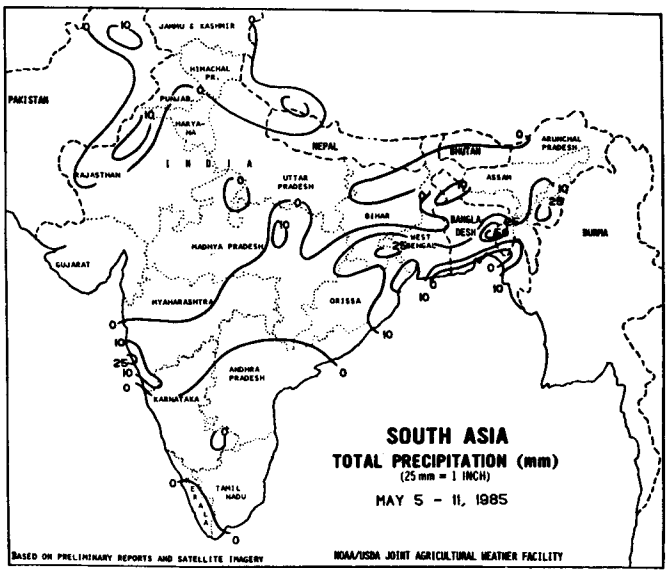


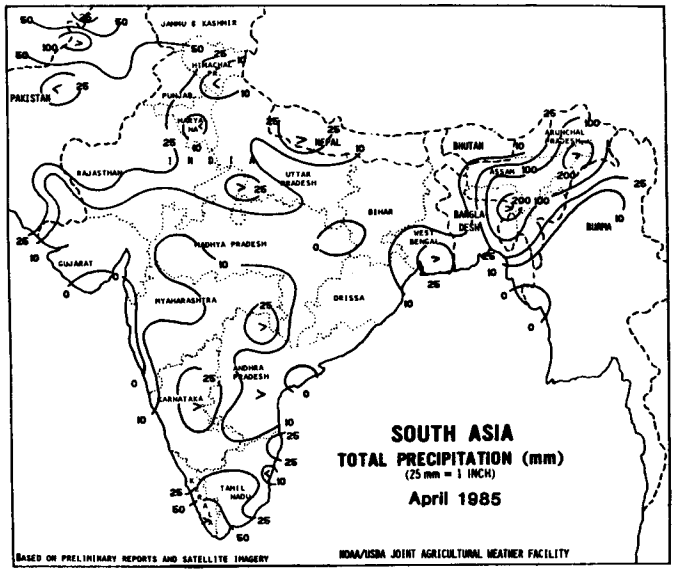


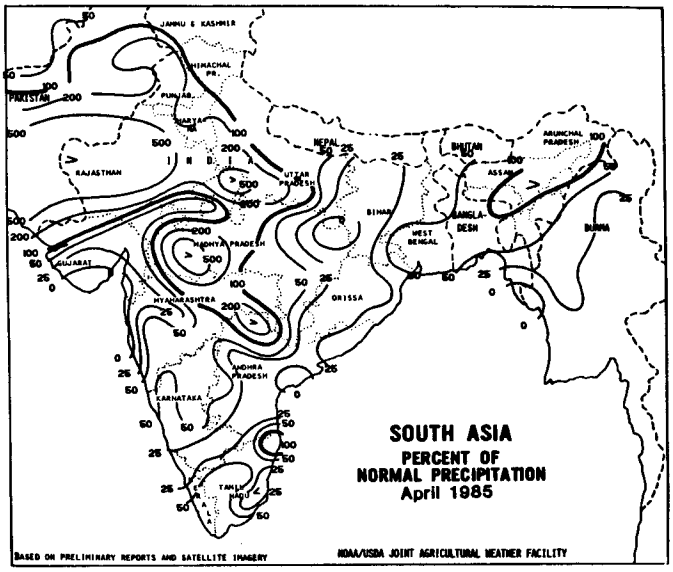


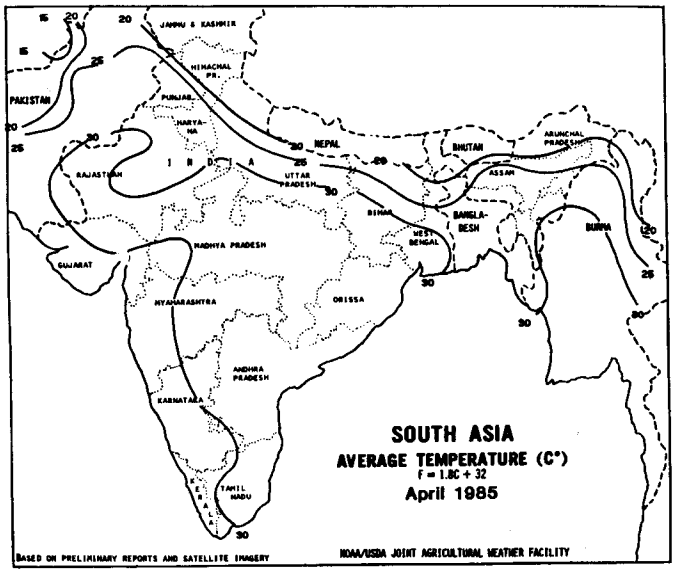


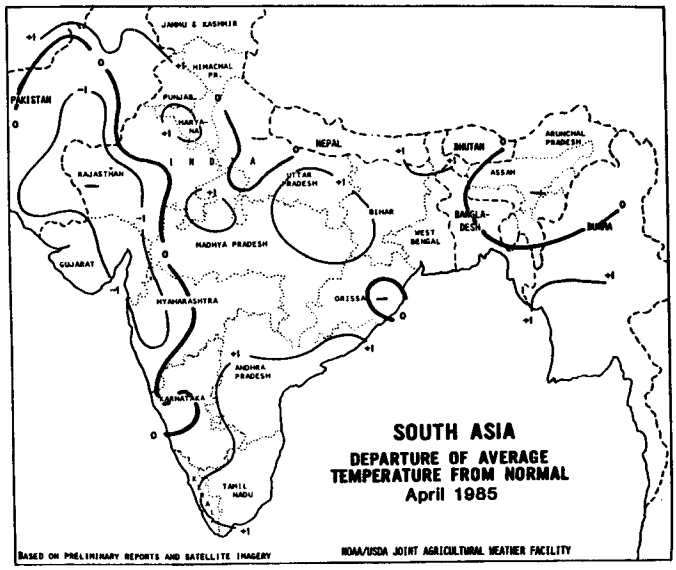
SOUTH ASIA...Scattered showers fell over much of the region. Light rain (mostly less than 10mm) fell in southern India. Moderate rain (25mm) benefited eastern India and Bangladesh, where some early rice planting may have begun. Light to moderate rain fell in northern India and Pakistan, but wheat harvesting should be nearly complete. Above-normal April raintall in northern India and Pakistan interrupted late wheat harvesting. Most autumn rice planting coincides with the onset of monsoon rain, which normally reaches southern India in early June. Monsoon activity then progresses northward, arriving in northern India in late June.



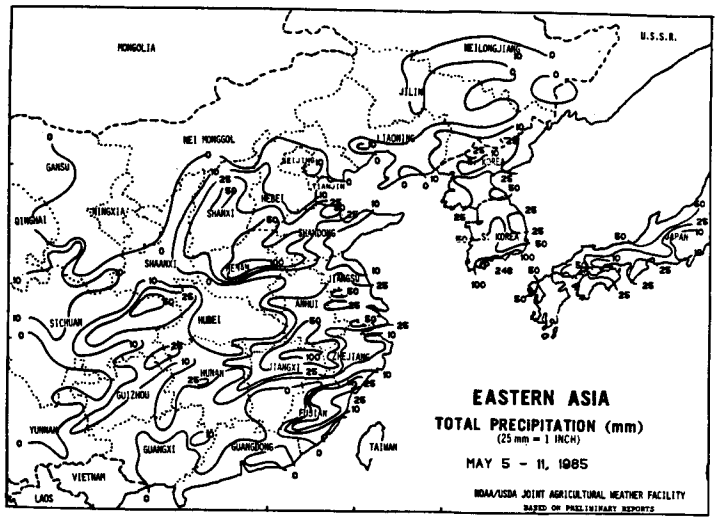


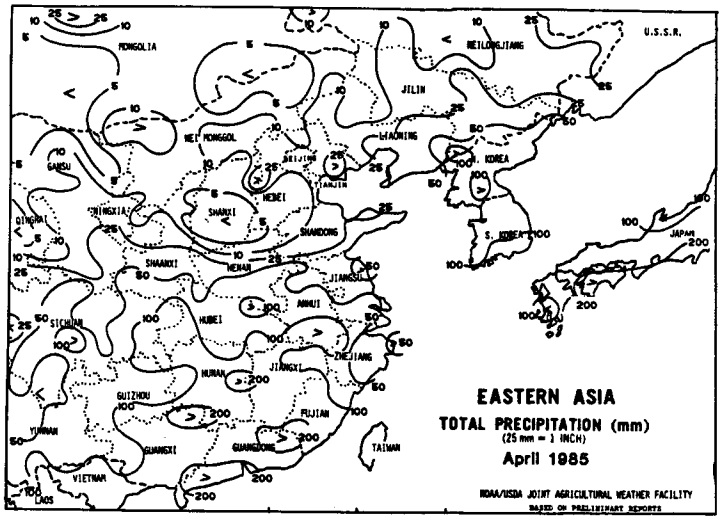


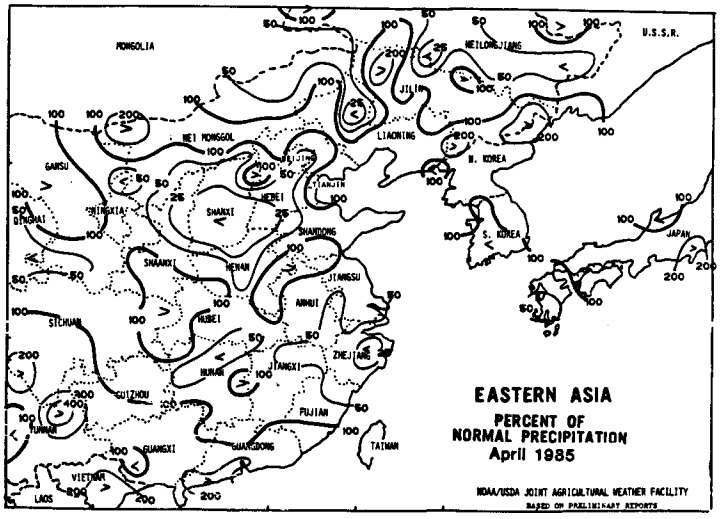


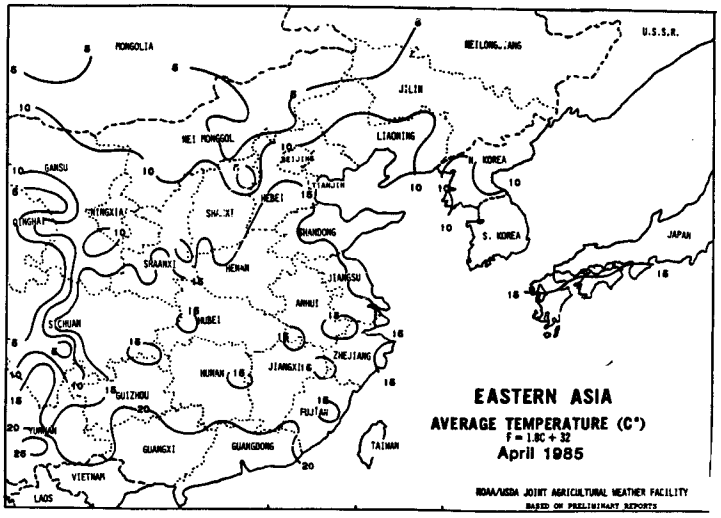


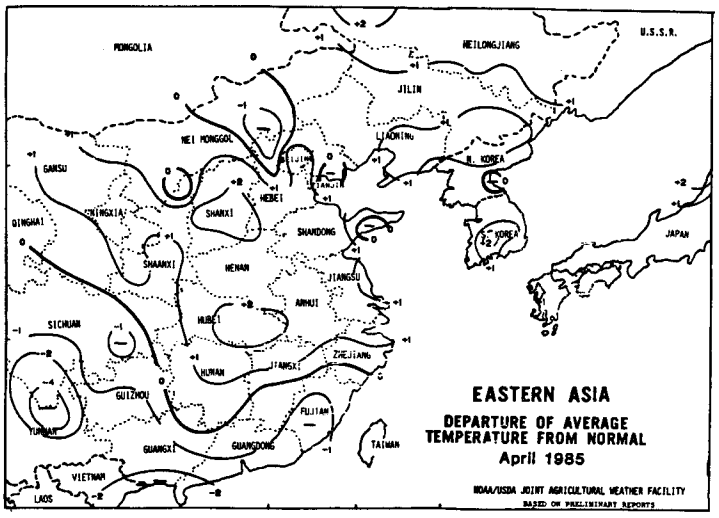
EASTERN ASIA...Moderate to heavy rain (25-75mm) covered much of the North China Plain. Timely rain in Henan, Shandong, and Hebei continued to improve winter wheat in the heading stage and the early growth of cotton, corn, and soybeans. Moderate to heavy rain benefited rice in the lower Yangtze Valley, but drier weather covered the southern rice region. Heavy rain in South Korea may have flooded some winter grain areas. Light showers in northern Manchuria aided corn and soybean planting. April precipitation was below normal in much of southern China, forcing rice to rely on irrigation. Following dry weather during most of the month, late-April rain improved conditions in the North China Plain. Above-normal temperatures in most of eastern China since mid-April accelerated crops to near-normal growth stages, following the earlier cool weather setback.



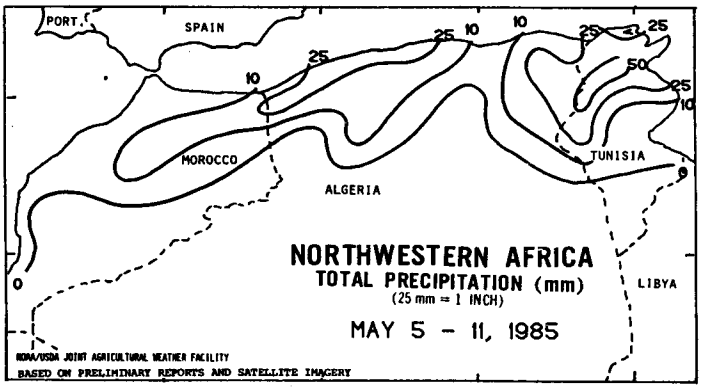


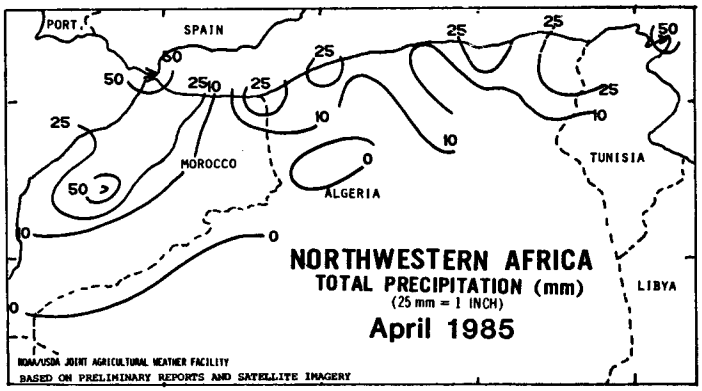


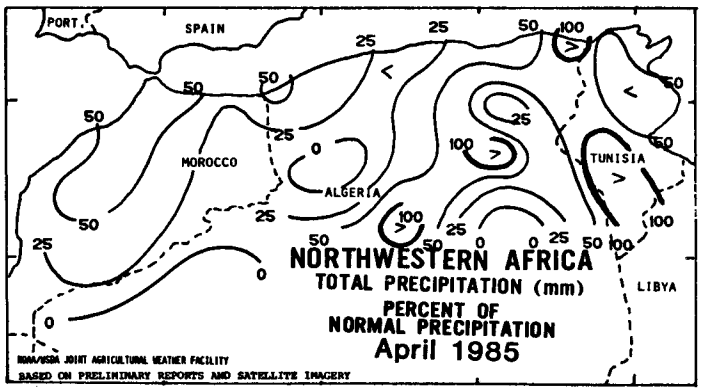


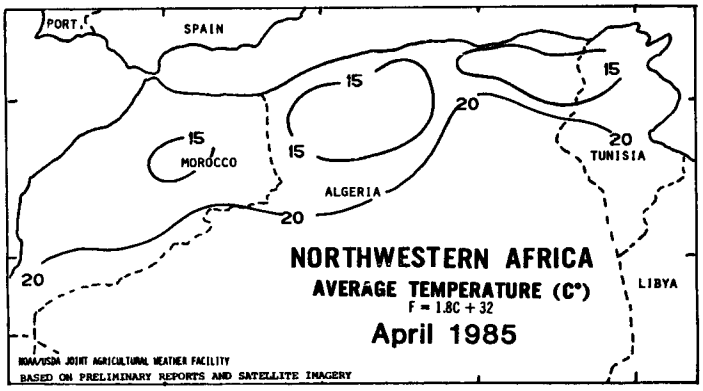


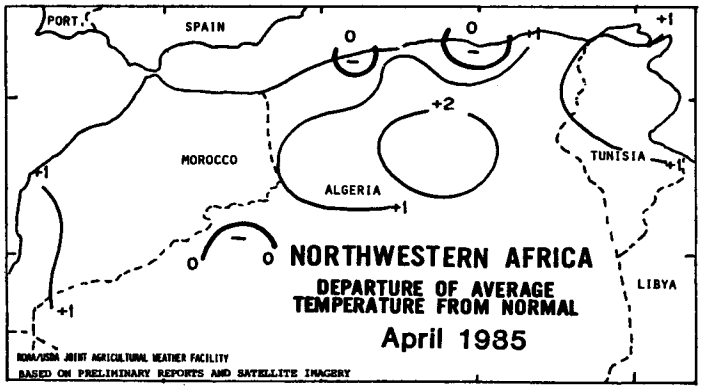
NORTHWESTERN AFRICA...Scattered showers covered Moroccan winter grains, which are likely maturing. Widespread showers (around 25mm) in Algeria and Tunisia benefited winter grains in the filling stage. In April, raintall across Moroccan winter grain areas was below normal, but greater than March, which helped slow further declines in the yield potential. Further east, April's precipitation was below normal in Algeria and Tunisia, limiting the yield potential. At present, harvesting has likely begun in some areas, coinciding with the dry season. Weekly coverage of this region will be discontinued until next autumn when sowing of next years' crop is scheduled to begin.

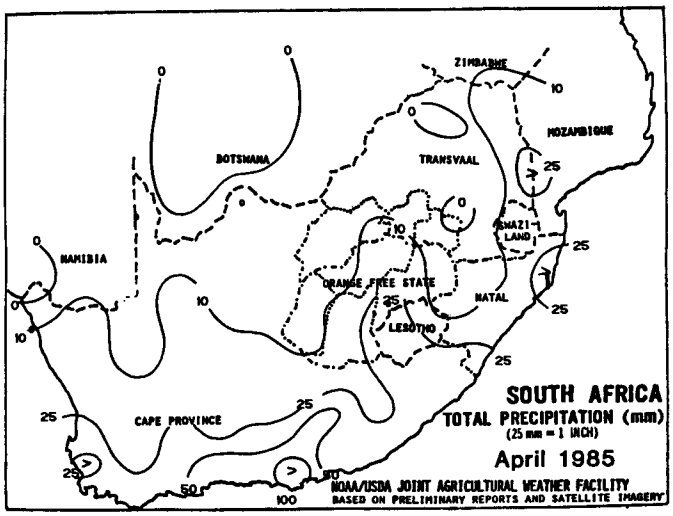


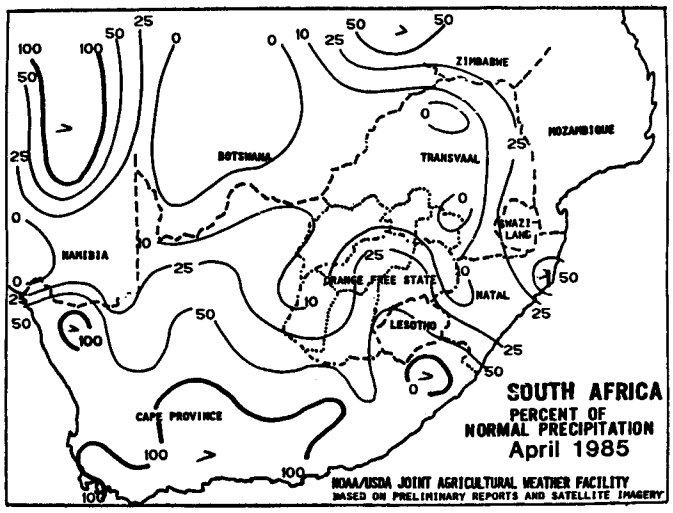




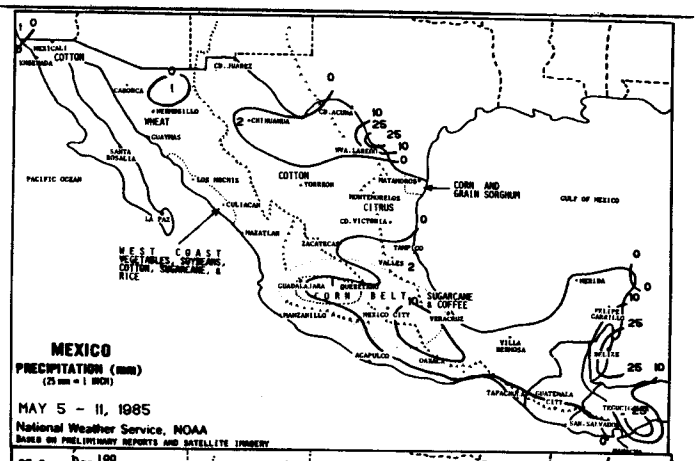


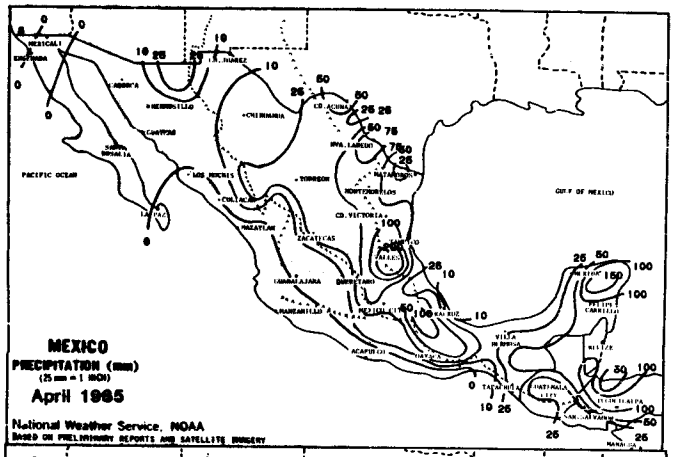


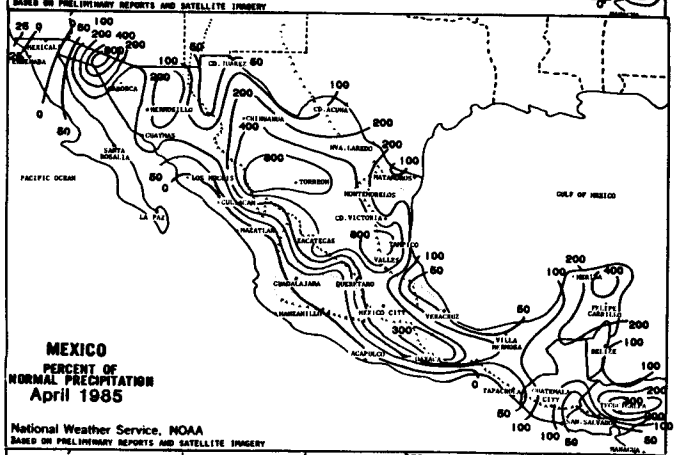


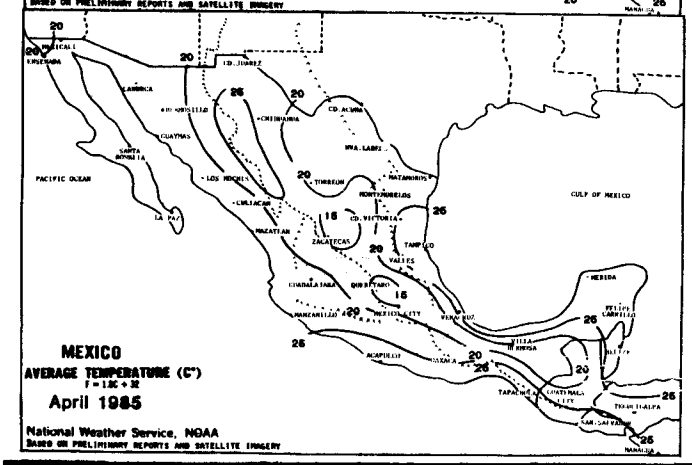


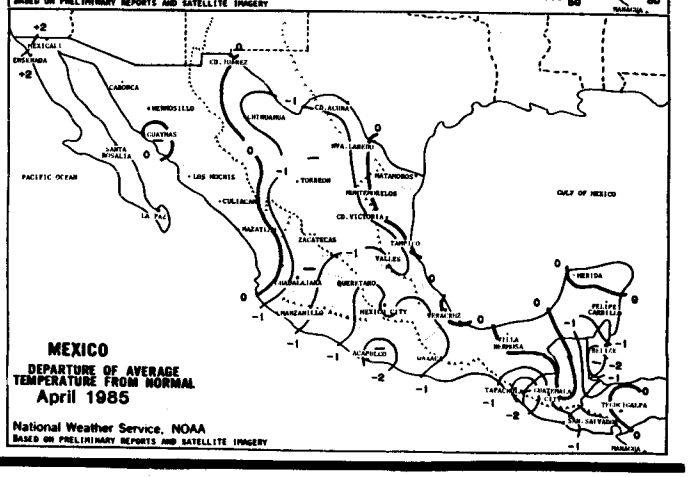
MEXICO...Showers over the southeastern part of the southern Plateau corn belt continued helping crop growth. However, dryness over the remainder of the corn belt prevented crop germination and growth in nonirrigated fields. Most other areas remained sunny and dry, favoring wheat harvesting and planting of second crop soybeans, but depleting soil moisture. April's rain was mostly limited to the eastern half the corn belt and extended into the central region rangelands.

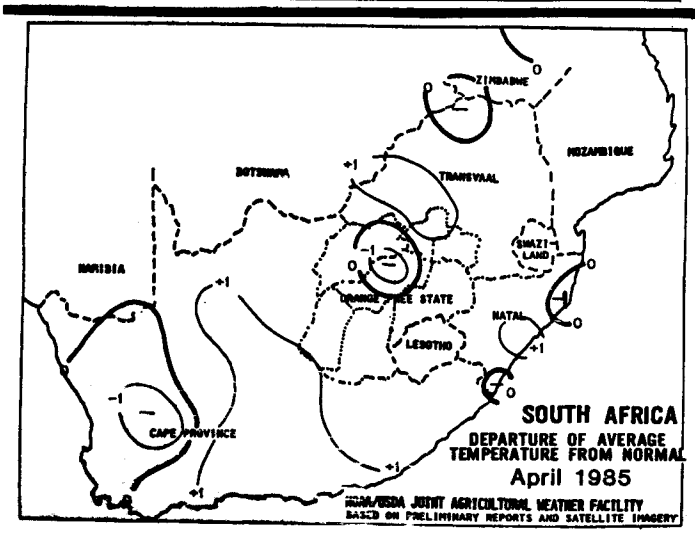


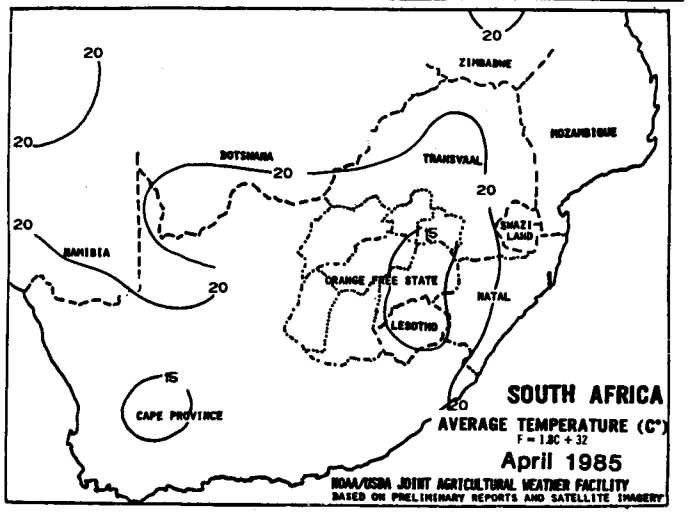




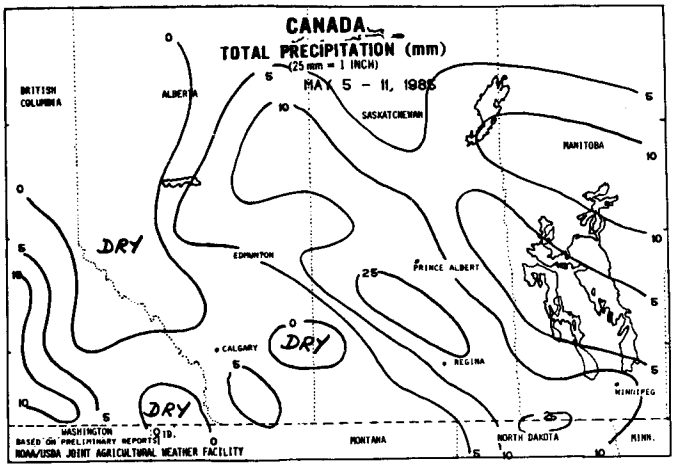


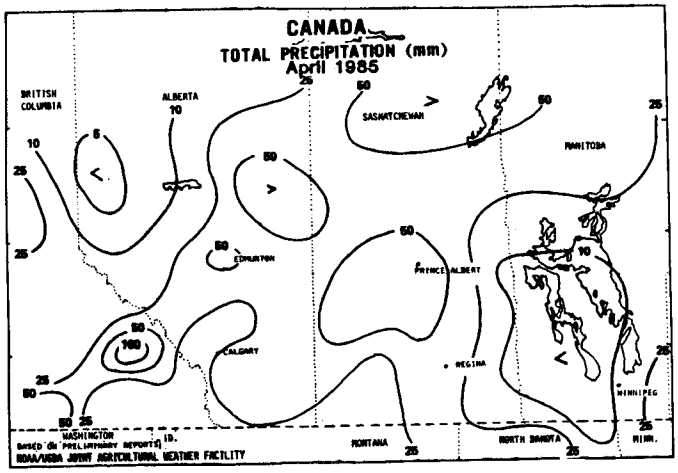


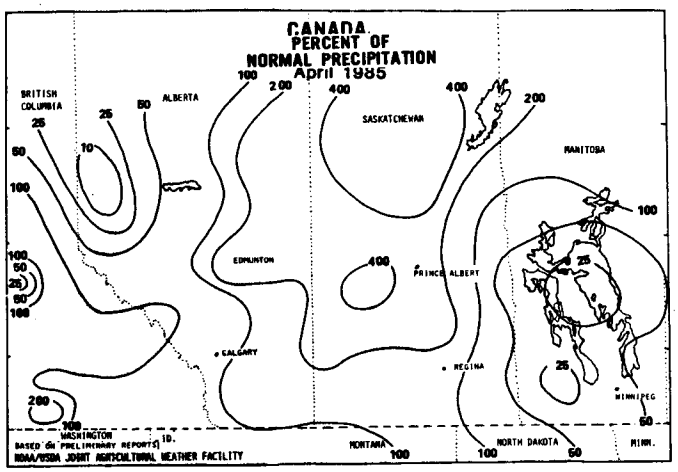


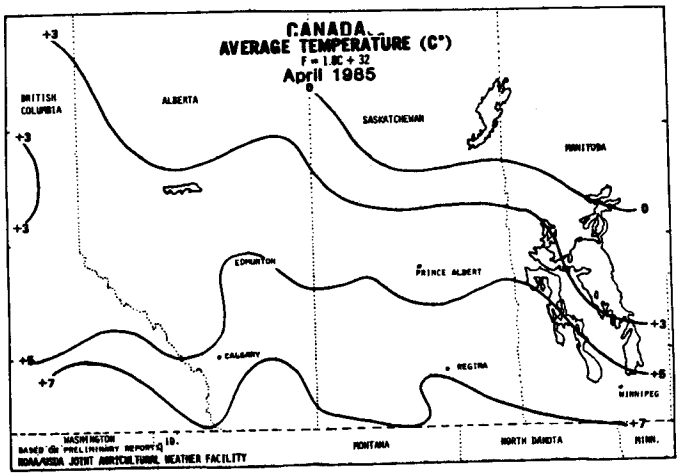


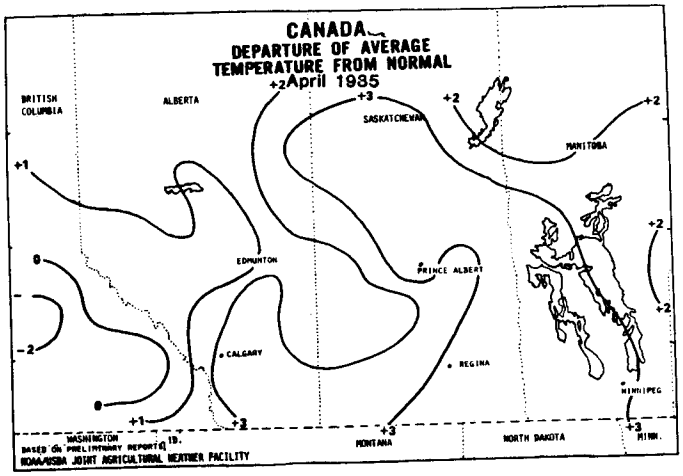
CANADA...Showers fell over crop areas of Manitoba and most of Saskatchewan, moistening topsoils for crop planting and emergence. Weekly rain generally averaged 10-25mm, but rain was generally less than 5mm in southwestern Saskatchewan and most of Alberta's crop areas. April rainfall was above average across northern crop areas, near normal in the west, and below normal in the east. Monthly temperatures were above average, especially in the east. Spring wheat planting is underway, and the recent moisture especially benefited the east. In the southwestern Prairies crop areas, rainfall has been light during the past few weeks, limiting topsoil moisture for crop emergence. Sufficient planting moisture is available across most northern crop areas of the Prairie Provinces, especially in Saskatchewan.



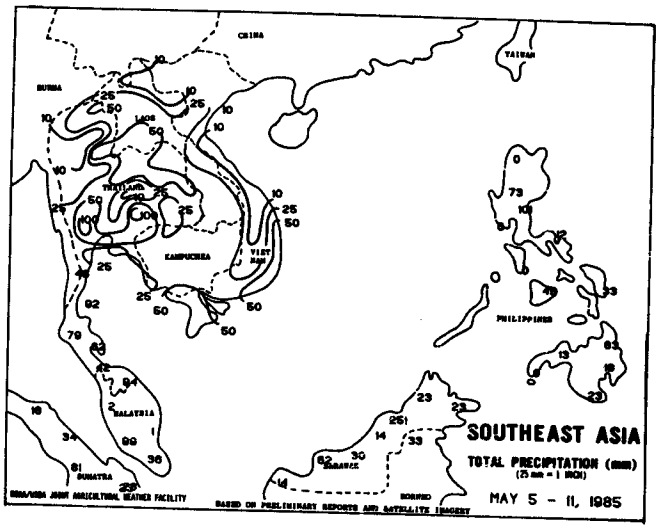


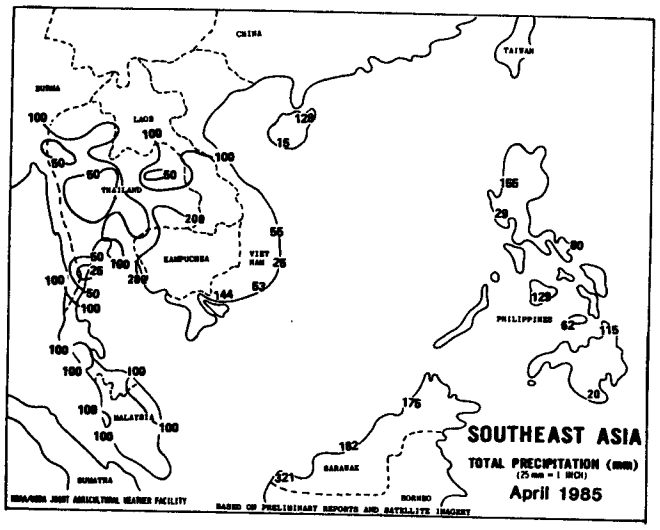


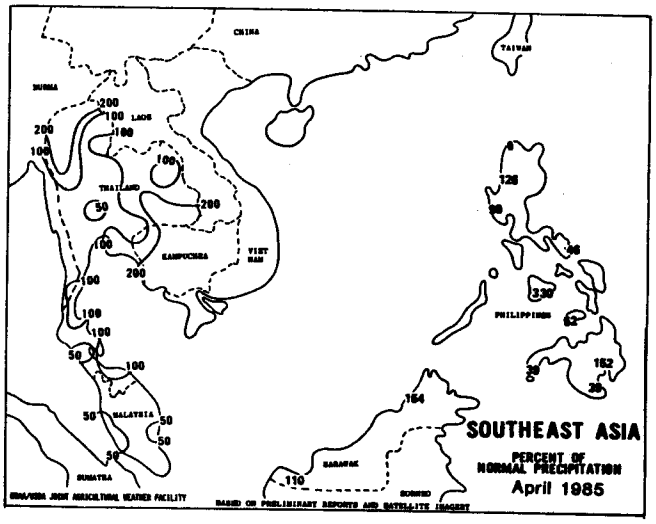


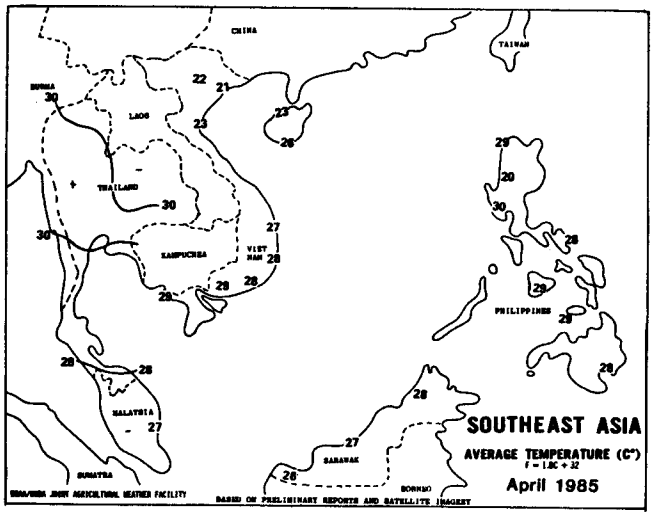


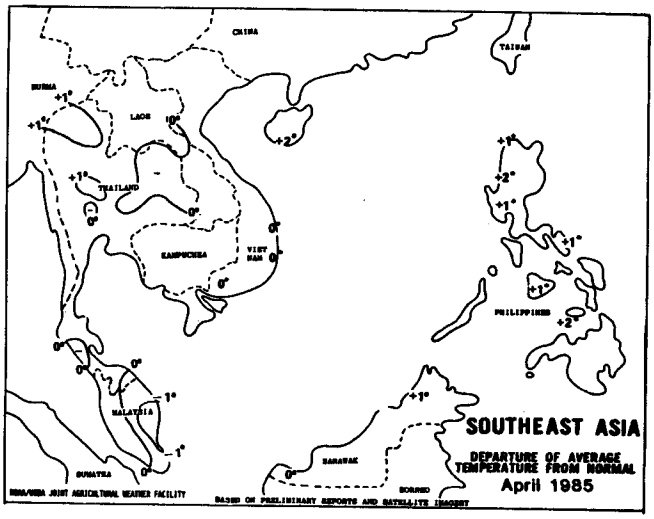
SOUTHEAST ASIA...Very hot temperatures (39-40C) early in the week in northern and central Thailand increased evaporation rates. However, benefical rain fell over much of the region, followed by cooler temperatures. Heavy rain (50-100mm) benefited planting and early rice growth in northeast and south central Thailand. Moderate rain aided planting in most of the central corn region. Premonsoon showers produced above-normal April rainfall on the Khorat Plateau and in northern Thailand, allowing rice planting to begin around the normal date. Relatively drier April weather in the western corn region may have slowed early planting. A weak tropical disturbance brought moderate rain over the northern Philippines in late April, aiding upland rice planting.



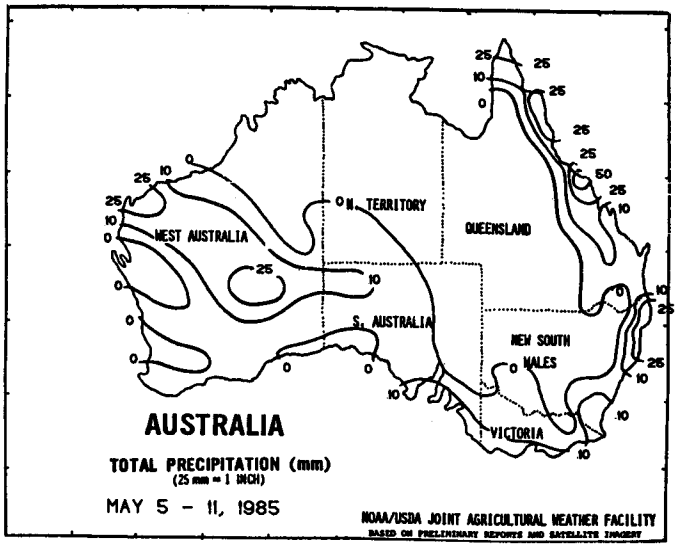


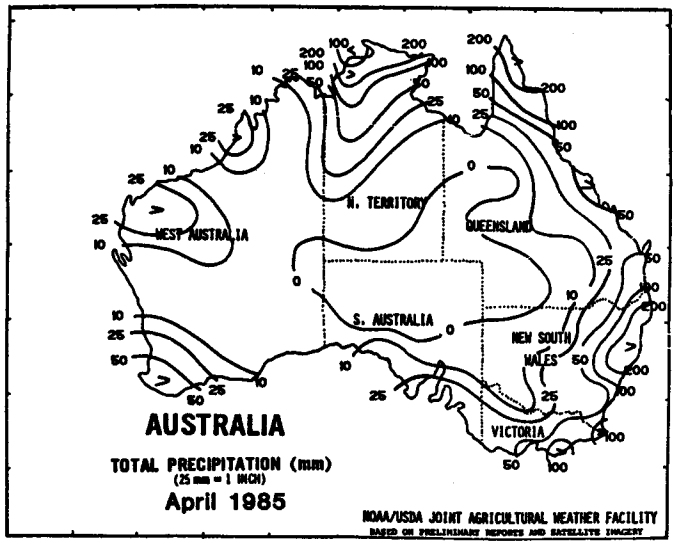


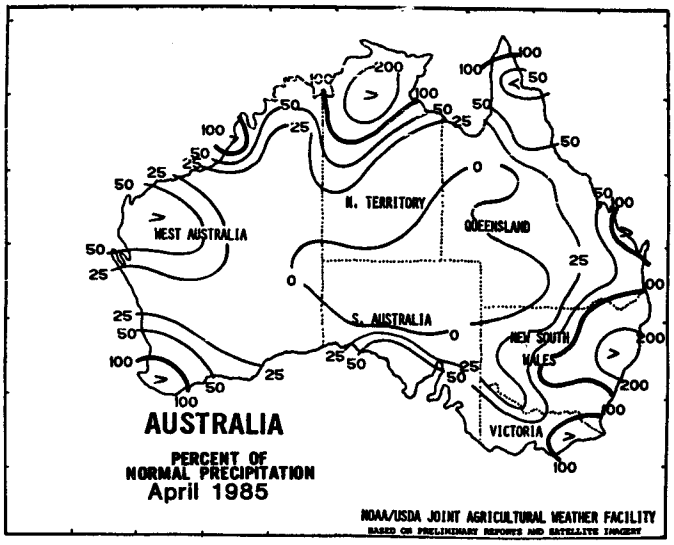


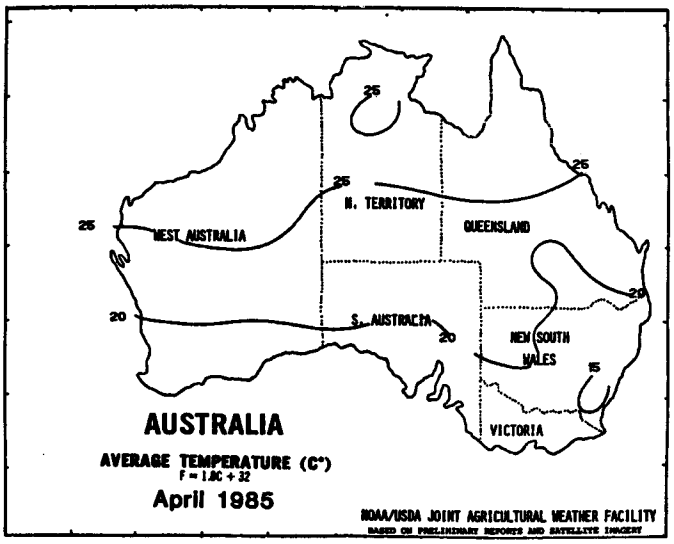


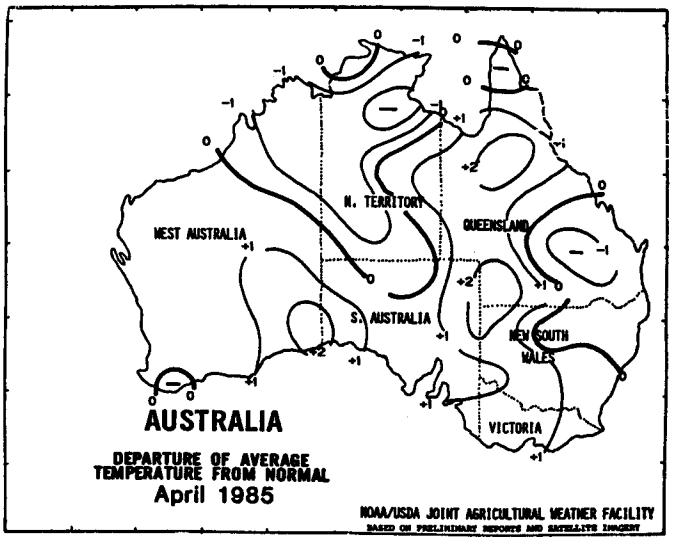
AUSTRALIA...The wheat planting season begins in early May and extends through June across Australia's wheat belt in southeastern Queensland, New South Wales, Victoria, South Australia, and southwestern portions of Western Australia. Optimal planting should be achieved by June 15, assuming favorable conditions. April rainfall was above average in northern New South Wales, moistening topsoils for crop seeding and emergence. Monthly rainfall was below normal in most other wheat areas, except the extreme southwestern tip of the continent. Light weekly rainfall (less than 5mm) was confined to southern and eastern fringes of the wheat belt. Wheat has been planted in southern Queensland. Moisture supplies are limited, and timely rains will be needed to stimulate widespread crop sowing.



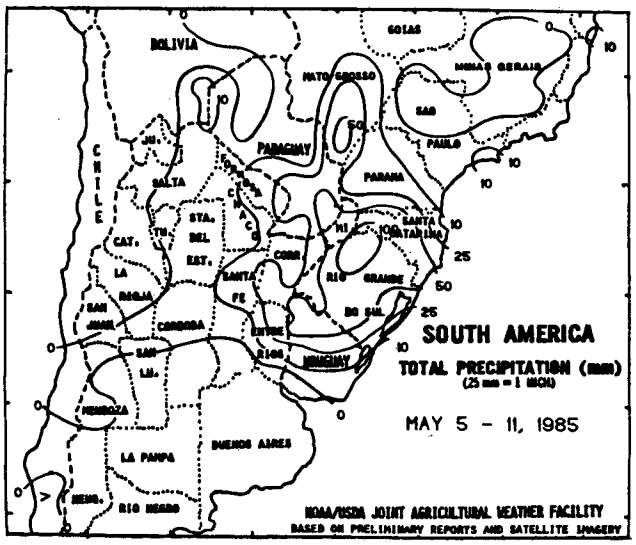


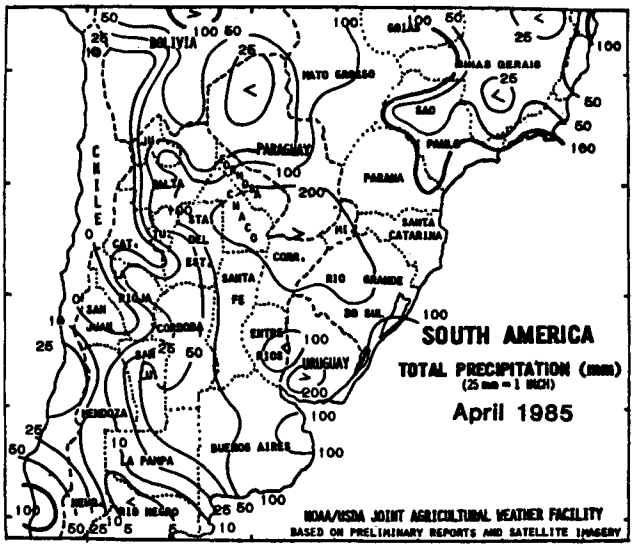


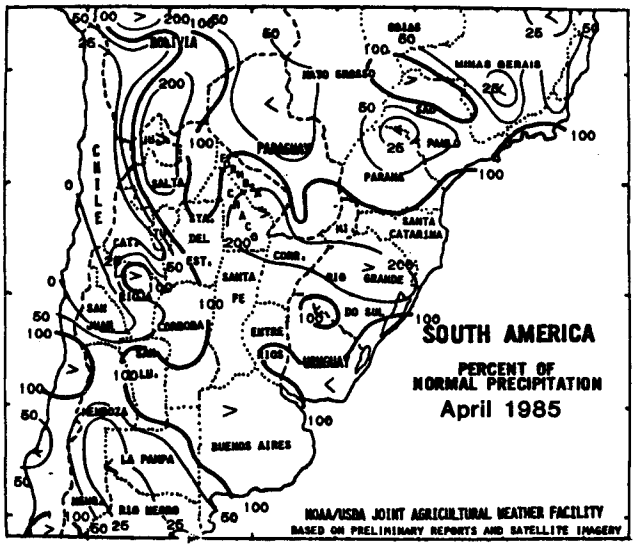


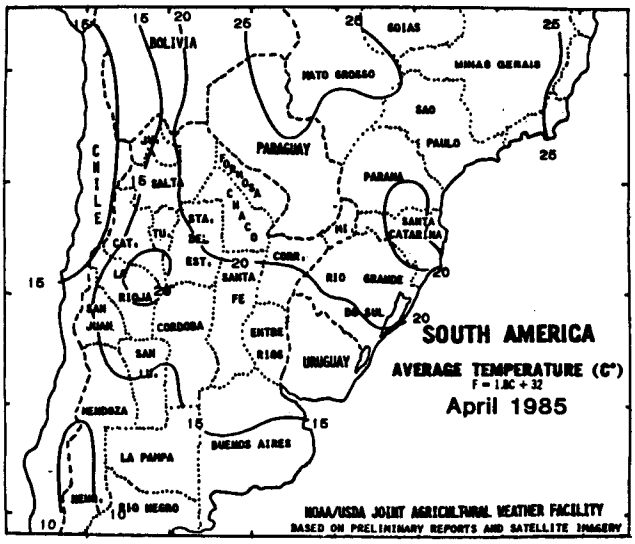


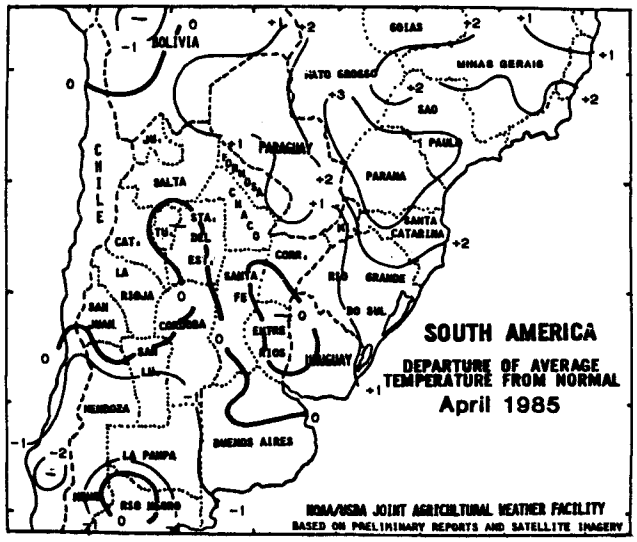
SOUTH AMERICA...Favorable harvest weather prevailed this week in the major summer crop areas of Argentina and the northern half of Brazil's soybean area. Locally heavy rain fell over Brazil's southern states of Rio Grande do Sul and Santa Catarina during the latter half of the week, disrupting soybean harvesting. Heavy, persistent rain during the first half of April delayed harvesting in the south, but drier weather during the past few weeks allowed substantial progress. Brazil's total soybean harvest is now estimated at about 90 percent. In Argentina, near-normal April rain was evenly distributed over the month, causing no substantial harvest delays except in the northern cotton areas. Cotton areas of Chaco and Formosa received above-average monthly rainfall, similar to southern Brazil. Monthly temperatures averaged slightly below normal due primarily to late April's frost over southern crop areas. Recent reports indicate harvesting advanced as follows: corn: 80%, sorghum: 65%, sunflowers: 98%, and soybeans 15%.











NOSTALGIA: A 1915 Weekly Weather and Crop Bulletin

NATIONAL WEATHER AND CROP BULLETIN.

Bargain Basement!!

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

No. 6, Series 1915. FOR THE WEEK ENDING APRIL 27, 1915. Price: 25 cents per Year

Issued weekly, on Wednesday, April to October, monthly during the remainder of the year.

Prepared by P. C. DAY, Climatologist.

Note.—This bulletin is furnished free of charge to public and educational institutions, libraries, newspapers, cooperative observers, crop correspondents, and to those who will post or display it for the general benefit of the public. To all others the price is 25 cents per year, payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

Washington, D. C., April 28, 1915.

ANNOUNCEMENT.

The new form in which the National Weather and Crop Bulletin now appears has been adopted in order to provide space for additional and valuable information. The issue of April 14 marked the beginning of the crop growing season and the resumption of the telegraphic reports from the extended network of Weather Bureau stations throughout the cotton, corn and wheat, sugar and rice, and other important agricultural regions of the country. During the crop growing season the bulletin will, as heretofore, appear weekly.

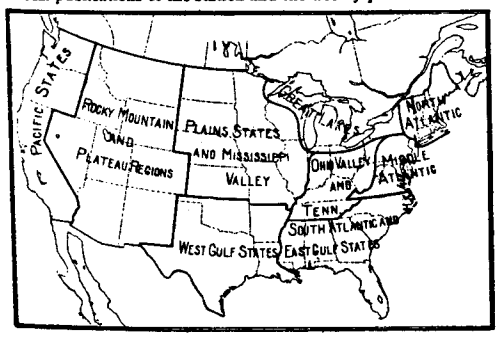
DAY OF ISSUE CHANGED.

The day of issue has been changed from Tuesday to Wednesday, as the latter date permits of the better collection and preparation of the meteorological reports and data and affords distinctly greater facilities for the wider distribution of portions of the information through the agency of the rural press. The Bulletin has always been recognized as very valuable to the agricultural and commercial interests of the country, and it is hoped the means that the Weather Bureau will employ to improve and better the service will accomplish the objects desired.

RESUMPTION OF WEEKLY FORECASTS.

The outbreak of European hostilities cut off the receipt by the Weather Bureau of many important meteorological observations from northern Europe and other foreign points and on this account the weekly forecasts were suspended in October, 1914. However, in recognition of the great importance to agriculture and related activities of general information concerning forthcoming weather conditions, based on legitimate and reliable meteorological observations, the Weather Bureau is led to resume these forecasts, which will be based on such Northern Hemisphere reports as remain available, for publication in the National Weather and Crop Bulletin and elsewhere. In resuming this work the United States has been divided into nine relatively large districts, for which the weekly forecasts will be issued and the boundaries and extent of which are indicated on the map below.

In addition to the distribution of this information in the bulletin and through the medium of the daily press, forecasts for particular sections will be sent to section centers for distribution through the medium of the local publications of the station and the weekly press.



FORECAST FOR THE WEEK BEGINNING WEDNESDAY, APRIL 28, 1915.

North Atlantic States.—Temperatures above the seasonal average, with conditions favorable to local thundershowers, are probable in these States during the next several days. A reaction to considerably lower temperatures is indicated for the latter part of the week.

Middle Atlantic States.—Temperatures will average considerably above the normal in these States the coming week, although there will be a change to lower temperature the latter half of the week. Generally fair weather the first half of the week will probably be followed by showers and local thunderstorms between the 1st and 4th.

South Atlantic and East Gulf States.—Generally fair weather, with temperatures near the seasonal average, is probable during the coming week.

West Gulf States.—The week in these States promises to be one of generally fair and moderately warm weather.

Ohio Valley and Tennessee.—Generally fair and warm weather during the next three days will be followed by unsettled weather, probably local showers, and lower temperature the latter half of the week.

Region of Great Lakes.—Mild temperatures for the season are probable in this region until after the 1st, when lower temperatures will set in. The week will give local showers at its beginning and again after the 30th of April, but on the whole it will be one of generally fair weather.

Plains States and Upper Mississippi Valley.—Generally fair weather with temperatures somewhat above the seasonal average is probable during the next several days, but local showers and lower temperature are indicated toward the end of the week.

Rocky Mountain and Plateau Regions.—The outlook for the coming week is for generally fair weather with temperatures near the normal.

Pacific States.—Moderate temperatures and generally fair weather are probable in these States throughout the week.

E. H. BOWIE, *District Forecaster.*

GENERAL SUMMARY.

CONTINUED DROUGHT IN EAST.

Not since Weather Bureau records began, more than 40 years ago, has there been such a long period of deficient rainfall in the early spring as now exists over the more eastern portions of the country.

In addition to the lack of rain, abnormally high temperatures have prevailed during the past week, which, while tending to forward vegetation, have still further rapidly reduced the available soil moisture.

FAVORABLE WEATHER IN THE WEST.

In the Mississippi Valley and to the westward the weather was nearly everywhere favorable for field work and crop growth, except in restricted areas where too much rain fell.

CORN AND WINTER WHEAT.

In the central and western portions of the districts where these crops are extensively grown, the weather was unusually favorable; ample rains occurred in the more western portions and local showers afforded sufficient moisture for present needs in the central sections. In the more eastern and southeastern districts, however, lack of rain has greatly retarded growth. Winter wheat is reported as making excellent growth in all save the last-named districts.

In the corn belt the week was unusually favorable for preparation of soil, also for planting, which is now under way except in the more northern portions. The early planted is coming up, but later planted

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(Continued from p.14)

fairly heavy from the central coast. Sweet corn and green bell pepper harvest started in the Coachella Valley.

PASTURES AND LIVESTOCK: Pastures were mostly good except those in drought-stricken areas. Additional moisture improved pastures in the Southeast. Livestock were mostly good, and movement to summer pastures increased.

LAST WEEKS ISSUE OF THE WEEKLY WEATHER AND CROP BULLETIN CONTAINING THE APRIL WEATHER SUMMARY, INADVERTENTLY LEFT OUT THE FOURTH WEEK OF THE MONTH. PLEASE REFER TO ISSUE NO. 17 FOR DETAILS OF THE FOURTH WEEK.

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