WEEKLY WEATHER AND CROP BULLETIN

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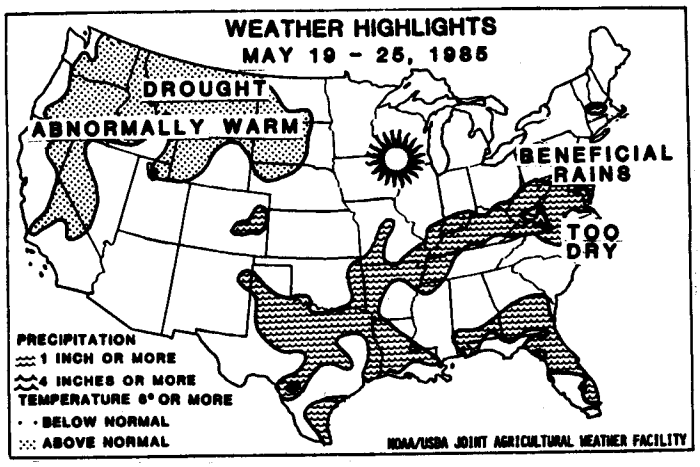
National Weather Summary

MAY 19 TO 25, 1985



HIGHLIGHTS: Thunderstorms produced moderate to heavy rain through most of Texas, northwestward over the High Plains, through Colorado, and northeastward through the Ohio Valley to the mid-Atlantic States. Very heavy rain fell in western Virginia and eastern West Virginia. The thunderstorms from Texas to Missouri, and into Colorado, produced damaging hail and high winds. Showers also fell from the Northwest across the northern tier of States and along the New England coast. Little or no rain fell in parts of the Southeast as well as the Plains and West. Most of the South and East was near or cooler than normal, but the West and northern Plains were much warmer than normal.

SUNDAY...Showers and thunderstorms developed from the central Plains northeastward to the upper Great Lakes region and merged with lingering showers in the Northeast. Late in the day, widely scattered, but violent, thunderstorms popped up over much of Texas, Oklahoma, and New Mexico. A few showers fell in Florida and the Great Basin.

MONDAY...Thunderstorms became widespread through the central and southern Plains. Severe storms reached from central Texas into southern Oklahoma. Showers and a few thunderstorms extended northeastward through the eastern Great Lakes. Heavy showers and thunderstorms broke out over northern Florida. Temperatures in Florida, south of the showers, reached into the nineties.

TUESDAY...The showers and thunderstorms moved eastward through the lower Mississippi Valley to western Georgia and northeastward to cover the mid-Atlantic States and the northeastern coast. Violent thunderstorms developed over the Texas Panhandle and eastern Colorado. A deluge of rain hit southern Texas, causing local flooding.

WEDNESDAY...Showers and thunderstorms covered the southeastern quarter of the Nation. Moderate rain benefited the dry areas of western Virginia, Maryland, and West Virginia. Thunderstorms also spread across northern Texas, the southern and central Rockies, and from South Dakota into Minnesota.

THURSDAY...Rain continued in the mid-Atlantic States, the upper Ohio Valley, and the Tennessee Valley. Moderate to heavy rain fell from West Virginia through Virginia, Maryland, and Delaware, relieving agricultural drought; but continued rain will be needed to replenish water storage. Showers and thunderstorms covered the gulf coast and from New Mexico into Iowa.

FRIDAY...Showers continued watering the mid-Atlantic region. Moderate rain fell in parts of western Virginia and eastern Maryland. Thunderstorms dumped heavy rain in southern Texas and lighter rain in Missouri. Light showers covered much of the Rockies, the Northwest, and the northern Plains. Relatively cool weather covered the Northeast, but afternoon temperatures reached into the nineties in parts of the Plains.

SATURDAY...Showers and thunderstorms were reported in the northern and central Rockies, the High Plains from Texas to Montana, and across the northern Plains to the central Great Lakes. Showers extended to New England. Heavy showers fell in southern Florida. Cool air pushed further south along the east coast, but the Plains continued to warm.

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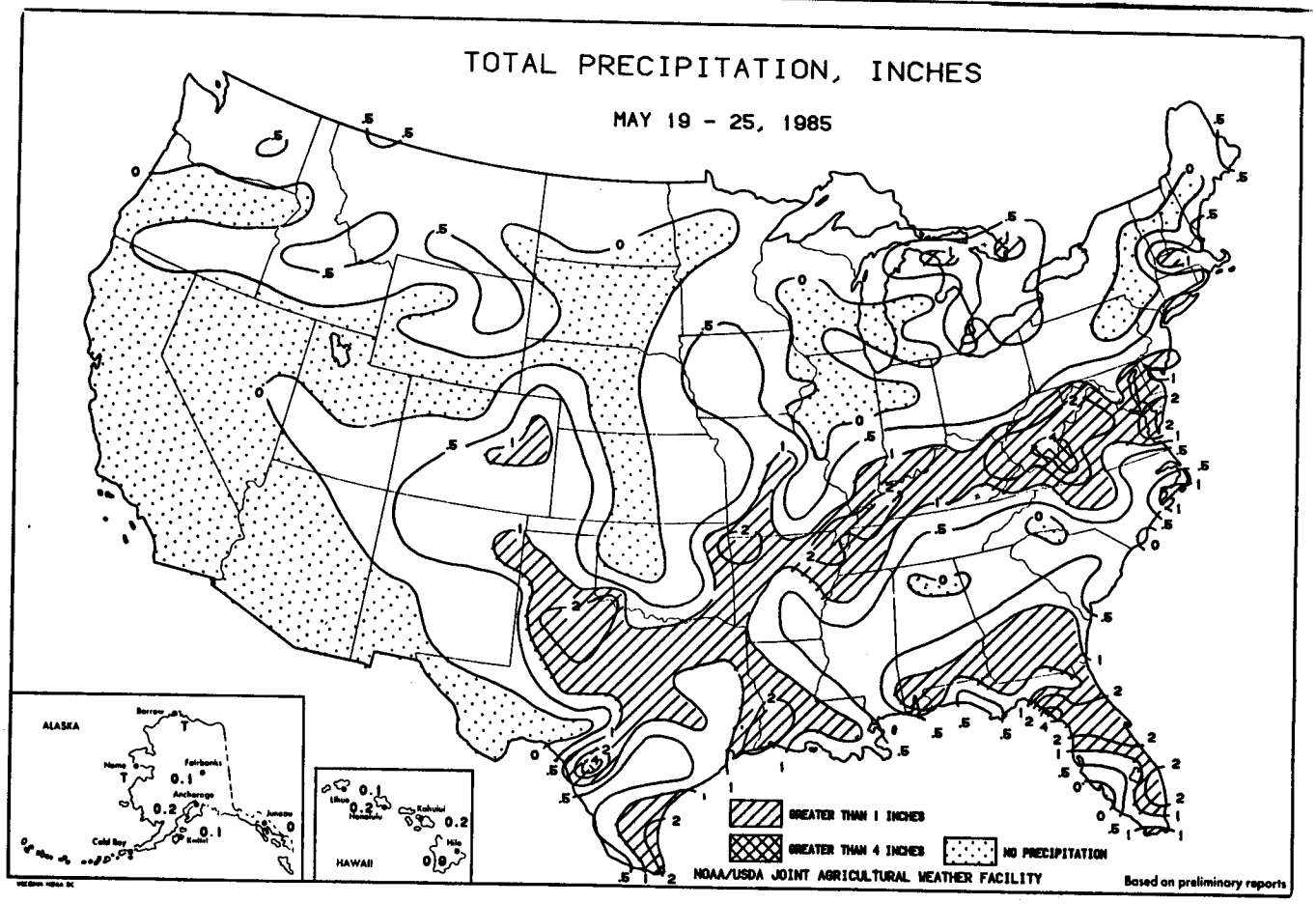
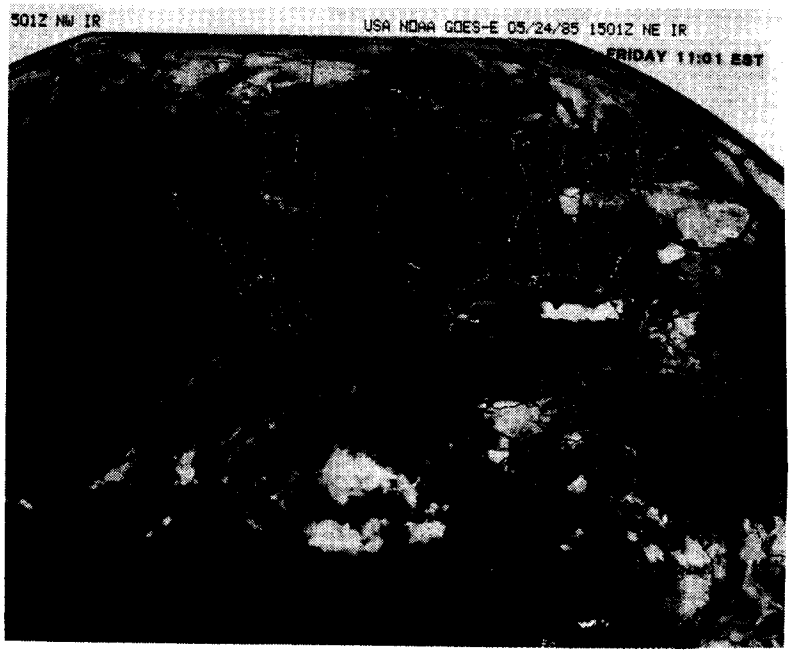




THE SATELLITE PICTURE ON FRIDAY MORNING BODES A CLEAR MEMORIAL DAY WEEK-END FOR MOST OF THE UNITED STATES.

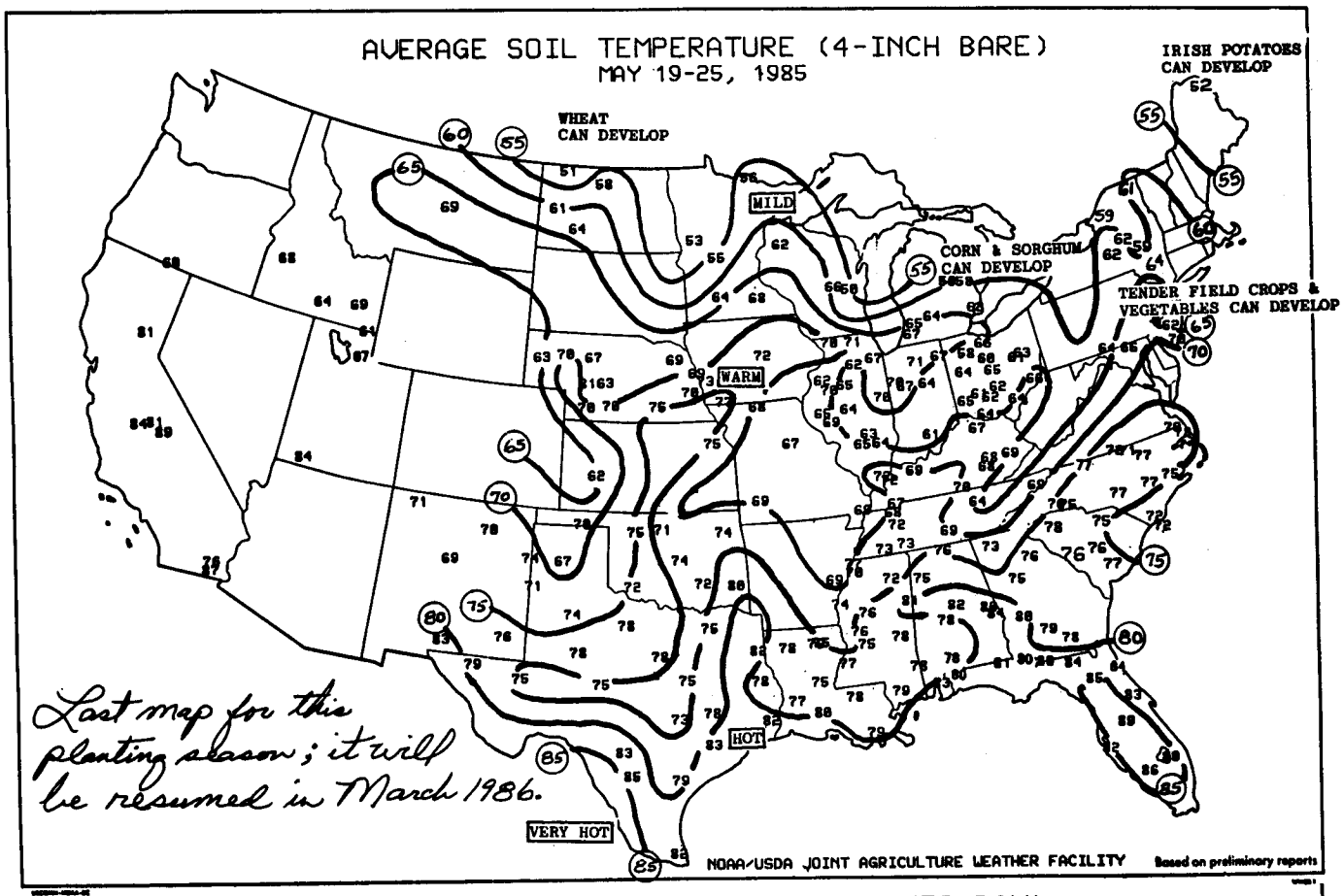
CLOUDS AND SHOWERS LINGER FROM THE UPPER OHIO AND TENNESSEE VALLEYS TO THE MID-ATLANTIC COAST.

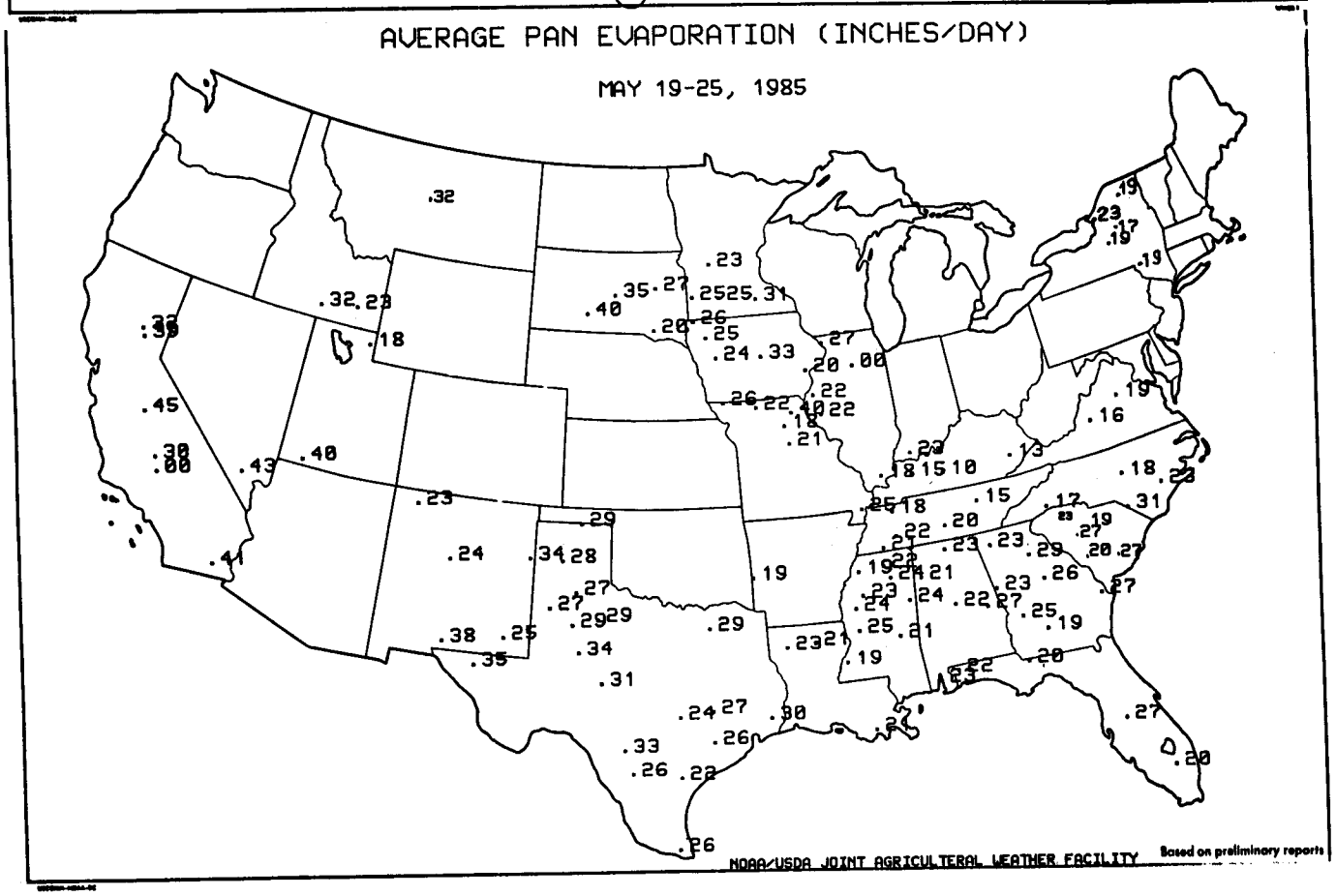
HEAVY SHOWERS FALL ALONG THE COLD FRONT AS IT MOVES SOUTHWARD THROUGH FLORIDA.

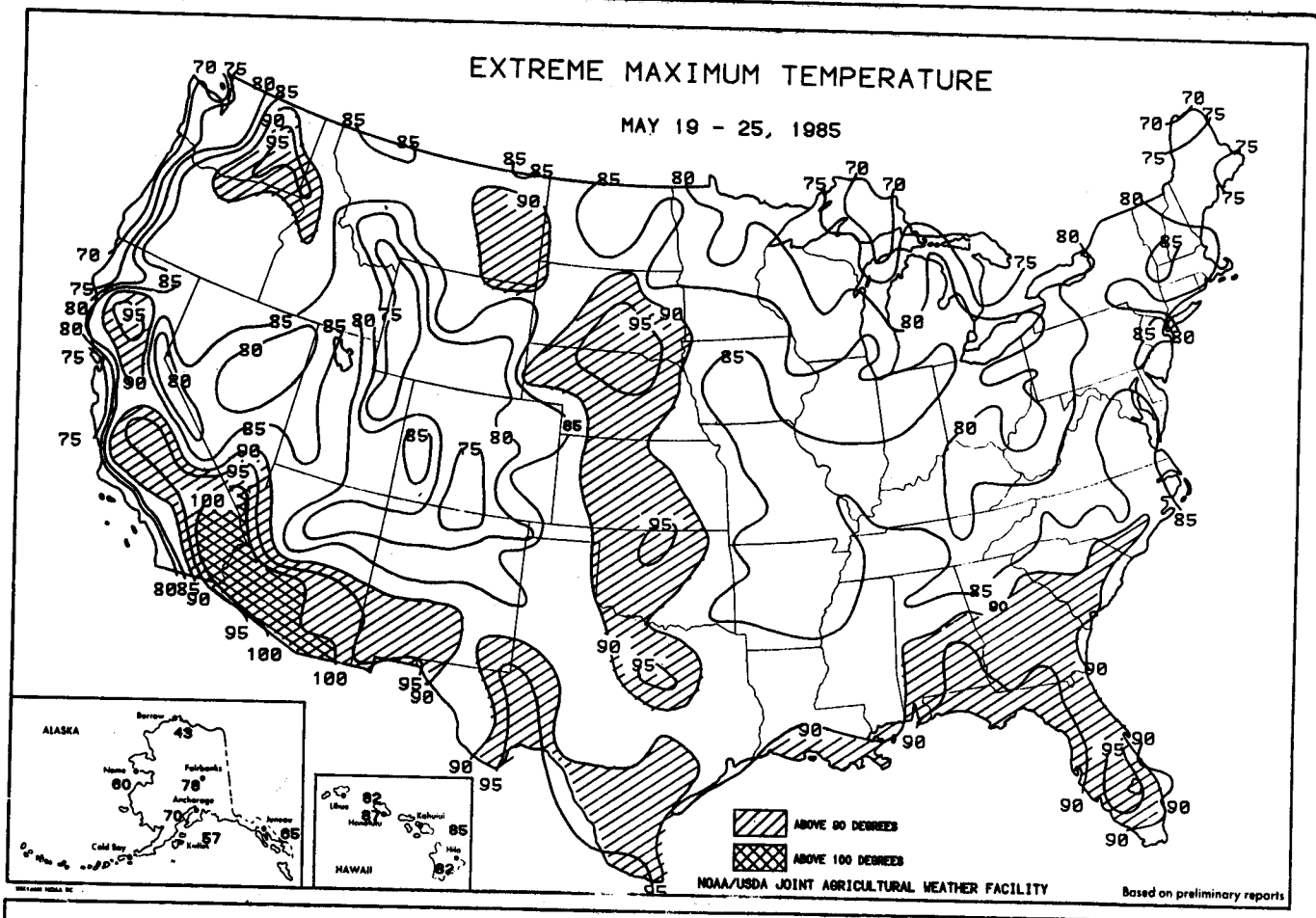
A FEW LIGHT SHOWERS FALL ALONG A SLOW-MOVING FRONT THROUGH THE NORTHERN TIER OF STATES.

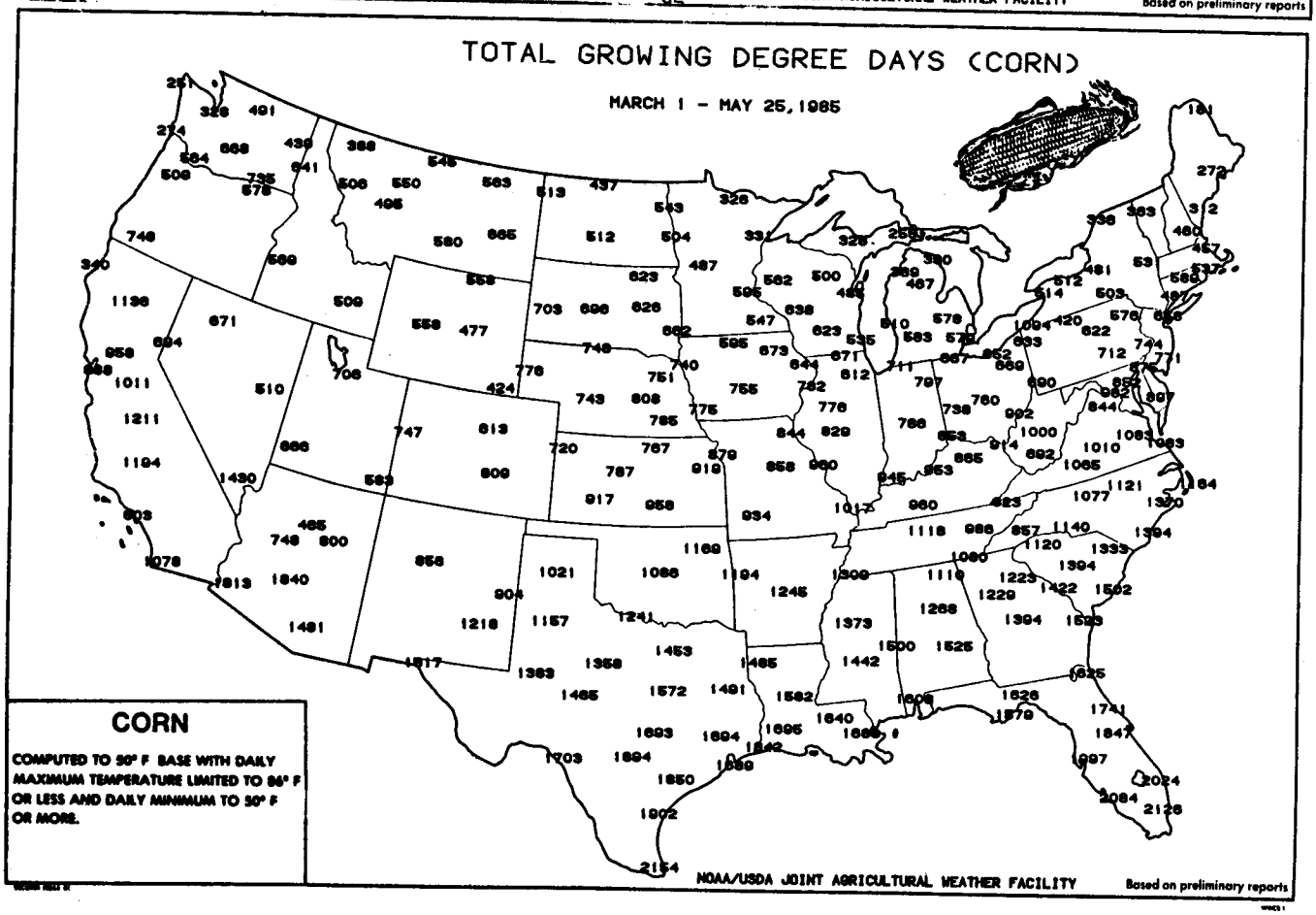
LEGEND:

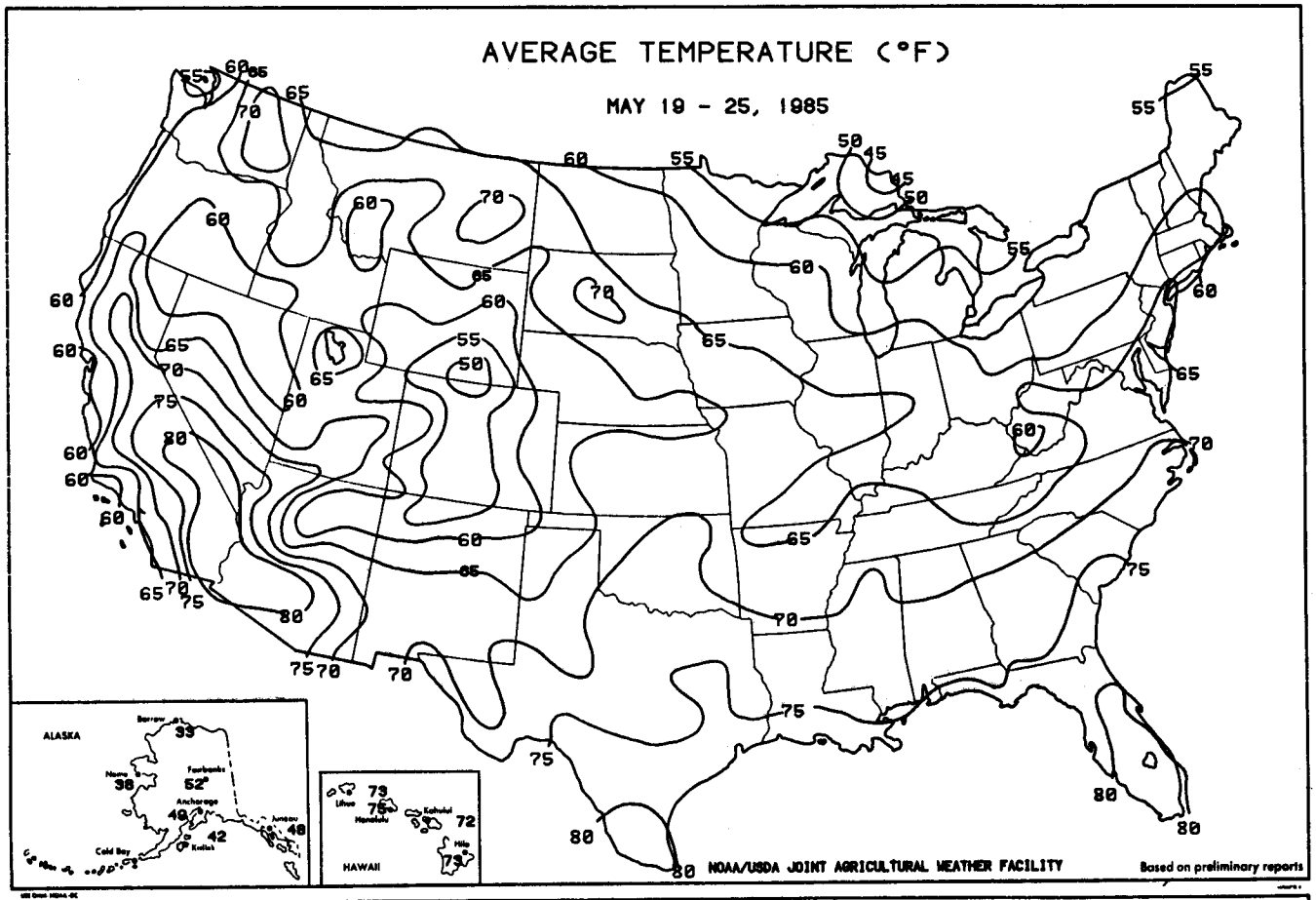
- SNOW
- RAIN
- RAINSHOWERS
- THUNDERSTORMS
- PRECIPITATION AREAS

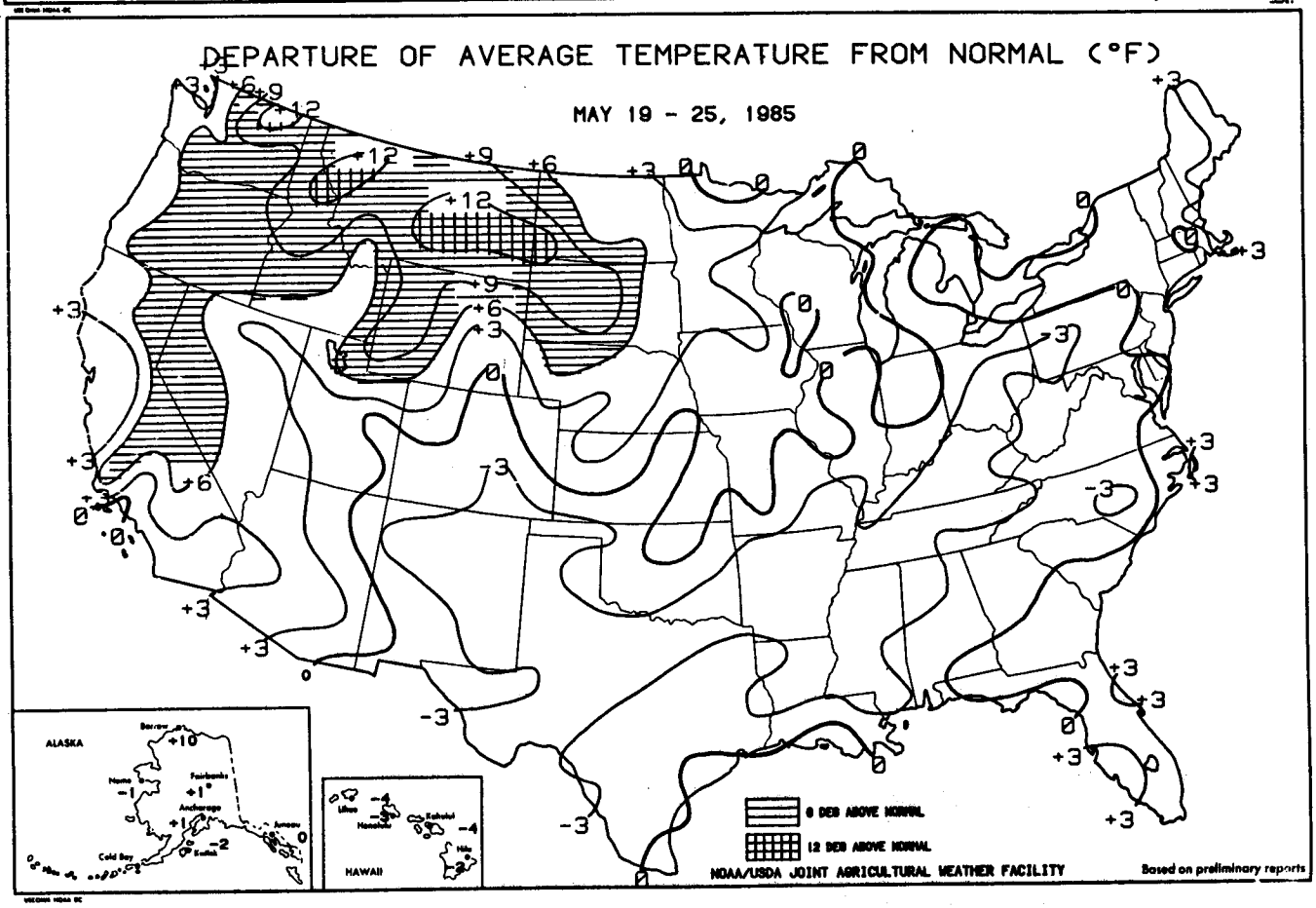

AVERAGE SOIL TEMPERATURE (4-INCH BARE)
MAY 19-25, 1985
WHEAT CAN DEVELOP
IRISH POTATOES CAN DEVELOP
CORN & SORGHUM CAN DEVELOP
TENDER FIELD CROPS & VEGETABLES CAN DEVELOP
MILD
WARM
HOT
VERY HOT
Last map for this planting season; it will be resumed in March 1986.
NOAA/USDA JOINT AGRICULTURE WEATHER FACILITY
Based on preliminary reports

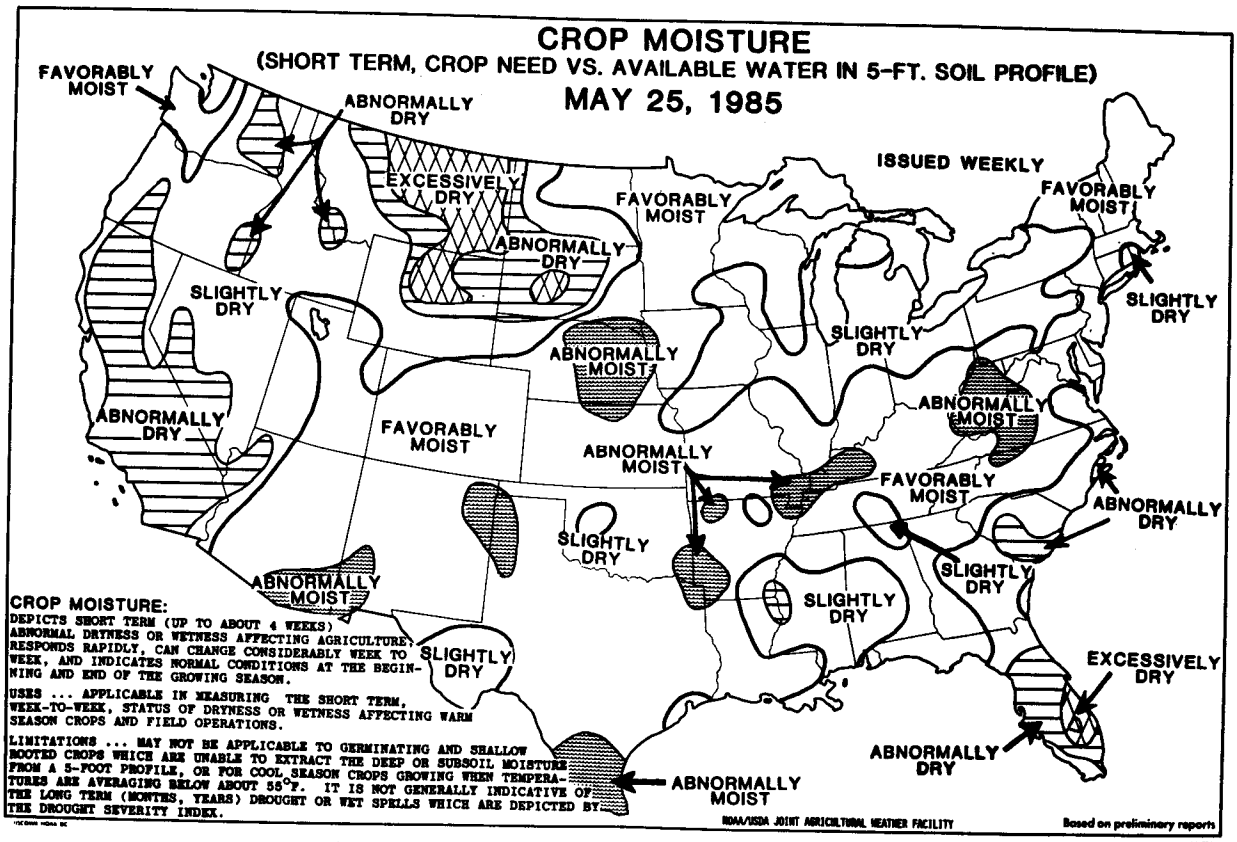

AVERAGE PAN EVAPORATION (INCHES/DAY)
MAY 19-25, 1985
NOAA/USDA JOINT AGRICULTERAL WEATHER FACILITY
Based on preliminary reports

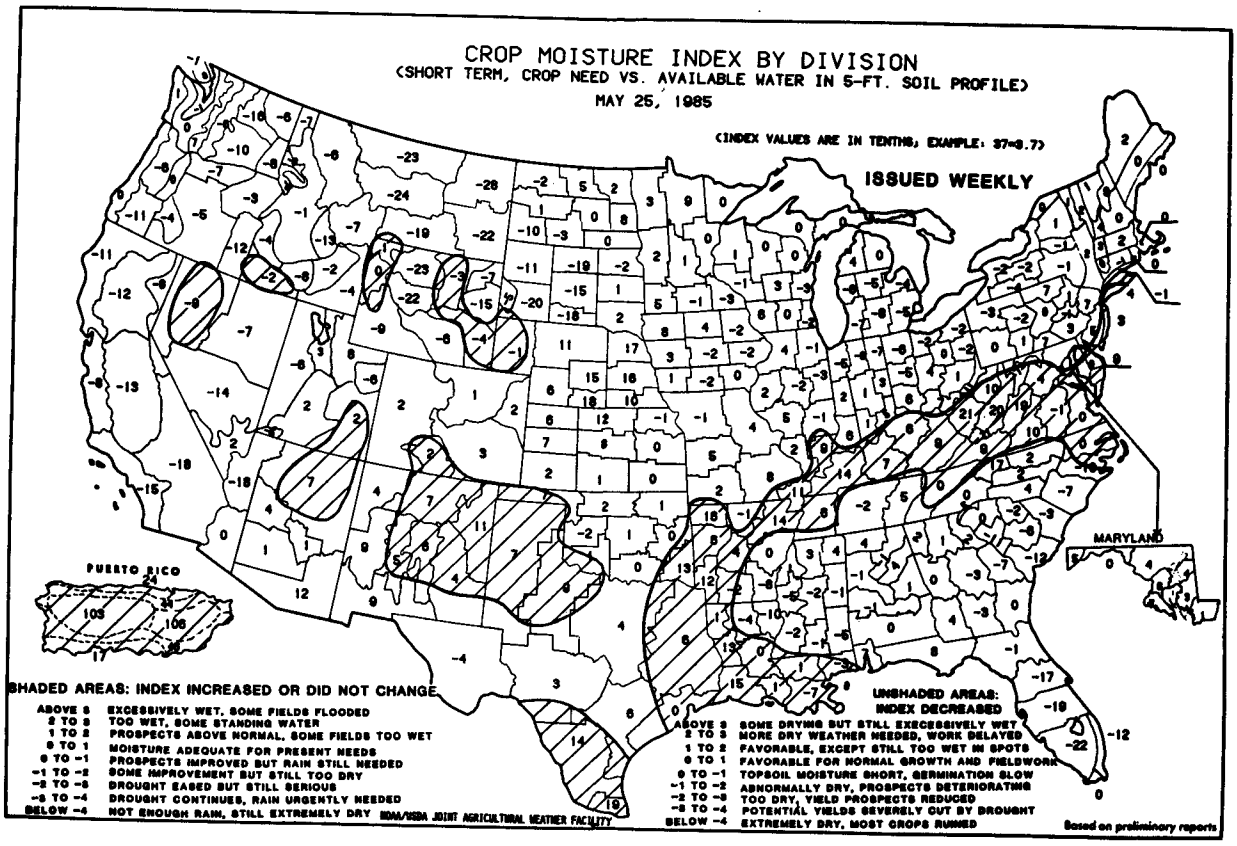

EXTREME MAXIMUM TEMPERATURE
MAY 19 - 25, 1985
ALASKA
HAWAII
ABOVE 90 DEGREES
ABOVE 100 DEGREES
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


TOTAL GROWING DEGREE DAYS (CORN)
MARCH 1 - MAY 25, 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 19 - 25, 1985
ALASKA
HAWAII
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


DEPARTURE OF AVERAGE TEMPERATURE FROM NORMAL (°F)
MAY 19 - 25, 1985
ALASKA
HAWAII
0 DEG ABOVE NORMAL
12 DEG ABOVE NORMAL
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


CROP MOISTURE
(SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE)
MAY 25, 1985
ISSUED WEEKLY
FAVORABLY MOIST
ABNORMALLY DRY
EXCESSIVELY DRY
ABNORMALLY DRY
FAVORABLY MOIST
FAVORABLY MOIST
SLIGHTLY DRY
SLIGHTLY DRY
ABNORMALLY MOIST
SLIGHTLY DRY
ABNORMALLY DRY
FAVORABLY MOIST
ABNORMALLY MOIST
ABNORMALLY MOIST
FAVORABLY MOIST
ABNORMALLY DRY
SLIGHTLY DRY
SLIGHTLY DRY
ABNORMALLY MOIST
SLIGHTLY DRY
SLIGHTLY DRY
EXCESSIVELY 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 25, 1985
(INDEX VALUES ARE IN TENTHS; EXAMPLE: 37=3.7)
ISSUED WEEKLY
PUERTO RICO
MARYLAND
SHADED AREAS: INDEX INCREASED OR DID NOT CHANGE
ABOVE 5 EXCESSIVELY WET, SOME FIELDS FLOODED
3 TO 5 TOO WET, SOME STANDING WATER
1 TO 2 PROSPECTS ABOVE NORMAL, SOME FIELDS TOO WET
0 TO 1 MOISTURE ADEQUATE FOR PRESENT NEEDS
0 TO -1 PROSPECTS IMPROVED BUT RAIN STILL NEEDED
-1 TO -2 SOME IMPROVEMENT BUT STILL TOO DRY
-2 TO -3 DROUGHT EASED BUT STILL SERIOUS
-3 TO -4 DROUGHT CONTINUES, RAIN URGENTLY NEEDED
BELOW -4 NOT ENOUGH RAIN, STILL EXTREMELY DRY
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
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
0 TO -1 TOPSOIL MOISTURE SHORT, GERMINATION SLOW
-1 TO -2 ABNORMALLY DRY, PROSPECTS DETERIORATING
-2 TO -3 TOO DRY, YIELD PROSPECTS REDUCED
-3 TO -4 POTENTIAL YIELDS SEVERELY CUT BY DROUGHT
BELOW -4 EXTREMELY DRY, MOST CROPS RUINED
Based on preliminary reports

Weather Data for the Week Ending May 25, 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	81	56	88	47	68	-3	.3	-.7	.2	7.3	47	17.1	68	97	42	0	0	2	0
MOBILE	85	63	90	57	74	-2	1.7	.5	1.2	12.5	77	23.9	93	89	46	1	0	3	2
MONTGOMERY	84	60	90	54	72	-2	.6	-.3	.6	8.0	59	20.3	91	94	48	1	0	2	1
AK ANCHORAGE	60	39	70	29	49	1	.2	.1	.2	2.1	114	3.6	103	72	31	0	1	2	0
BARROW	38	28	43	24	33	10	T	0	T	.3	58	.4	44	99	72	0	7	1	0
FAIRBANKS	65	40	78	29	52	1	.1	-.1	.1	1.2	110	2.1	105	70	22	0	2	1	0
JUNEAU	55	41	65	34	48	0	T	-.8	T	7.3	83	8.2	52	93	52	0	0	0	0
KODIAK	50	34	57	30	42	-2	.1	-1.7	.1	11.5	75	27.3	91	88	53	0	4	2	0
NOME	45	31	60	22	38	-1	T	-.1	T	2.6	157	3.7	123	81	62	0	4	1	0
AZ PHOENIX	98	74	105	71	86	7	0	0	0	.6	52	1.8	72	30	10	7	0	0	0
PRESCOTT	77	48	83	43	63	4	0	-.1	0	2.4	88	5.1	85	60	23	0	0	0	0
TUCSON	93	61	98	58	77	2	0	0	0	.7	57	3.4	131	38	10	4	0	0	0
YUMA	98	68	103	65	83	3	0	0	0	T	11	.3	30	50	15	7	0	0	0
AR FORT SMITH	79	57	87	52	68	-3	1.4	.3	1.3	14.2	118	21.5	131	95	52	0	0	3	1
LITTLE ROCK	78	59	85	54	68	-4	.6	-.5	.4	12.0	83	18.3	84	88	59	0	0	3	0
CA BAKERSFIELD	88	58	93	54	73	1	0	0	0	1.9	107	2.8	72	62	22	1	0	0	0
EUREKA	65	51	74	47	58	5	T	-.3	T	5.2	56	9.5	44	94	70	0	0	0	0
FRESNO	90	60	95	55	75	6	0	-.1	0	1.9	60	3.0	43	61	20	5	0	0	0
LOS ANGELES	67	57	70	55	62	-1	0	0	0	.9	31	3.5	42	77	51	0	0	0	0
RED BLUFF	90	59	95	54	75	5	0	-.1	0	3.1	68	4.6	37	64	19	4	0	0	0
SACREMENTO	84	52	91	48	68	2	0	-.1	0	2.0	54	4.2	40	93	30	2	0	0	0
SAN DIEGO	69	62	73	61	66	2	T	-.1	T	1.0	37	2.2	35	80	63	0	0	0	0
SAN FRANCISCO	68	53	74	50	60	2	T	0	T	3.4	77	6.5	52	91	57	0	0	0	0
CO DENVER	70	47	80	44	58	-1	.3	-.3	.2	4.7	92	5.9	94	77	35	0	0	3	0
GRAND JUNCTION	77	50	85	47	64	0	.3	.1	.3	3.6	172	4.4	133	77	26	0	0	1	0
PUEBLO	73	45	85	40	59	-4	.6	.2	.4	3.7	128	4.6	135	91	36	0	0	3	0
CT BRIDGEPORT	72	54	77	49	63	2	1.0	.2	1.0	5.6	53	8.5	51	85	46	0	0	1	1
HARTFORD	76	48	83	43	62	1	.1	-.6	.1	5.7	52	8.2	47	82	34	0	0	2	0
DC WASHINGTON	76	59	85	51	67	0	1.8	.9	1.0	6.8	74	12.0	82	86	49	0	0	3	2
FL APALACHICOLA	84	67	87	63	75	0	.3	-.4	.3	6.2	65	13.6	81	90	61	0	0	3	0
DAYTONA BEACH	90	69	96	66	80	3	2.7	1.9	1.0	8.0	104	9.4	72	88	47	5	0	3	3
JACKSONVILLE	85	69	92	64	77	2	1.2	0	1.0	6.2	57	8.7	50	88	55	1	0	3	1
KEY WEST	87	78	89	71	83	2	3.3	2.5	3.3	16.2	312	16.8	191	83	63	0	0	1	1
MIAMI	90	72	93	65	81	2	2.6	.9	1.7	7.6	77	8.0	57	88	51	4	0	2	2
ORLANDO	89	68	94	61	79	0	2.6	1.6	1.2	9.3	112	11.5	87	98	50	4	0	5	3
TALLAHASSEE	85	65	90	59	75	-1	1.5	.3	.9	8.1	59	12.7	54	97	58	1	0	4	1
TAMPA	90	72	94	65	81	3	.1	-.8	.1	3.0	38	7.1	54	84	50	4	0	1	0
WEST PALM BEACH	88	69	91	67	79	0	2.5	1.0	1.4	10.7	102	12.0	76	94	58	1	0	5	2
GA ATLANTA	80	60	87	54	70	-1	.2	-.7	.1	8.6	63	17.7	77	83	42	0	0	2	0
AUGUSTA	87	60	92	53	74	1	.6	-.3	.6	3.8	34	13.7	71	95	37	3	0	1	1
MACON	86	61	91	55	74	0	1.2	.3	1.2	6.2	53	14.1	68	89	42	1	0	1	1
SAVANNAH	86	66	90	57	76	1	.9	-.2	.4	5.2	49	7.1	42	90	43	2	0	3	0
HI HILO	78	67	82	64	73	-2	.9	-1.0	.5	46.7	135	65.0	113	94	67	0	0	4	0
HONOLULU	82	67	87	60	75	-3	.2	-.1	.2	2.5	42	7.8	62	85	55	0	0	1	0
KAHULUI	79	65	85	57	72	-4	.2	0	.1	3.2	68	5.6	46	93	60	0	0	3	0
LIHUE	79	66	82	61	73	-4	.1	-.5	.1	3.9	38	13.9	69	80	54	0	0	1	0
ID BOISE	80	51	88	44	66	6	.6	.3	.6	3.0	93	3.7	63	81	29	0	0	1	1
LEWISTON	84	57	96	52	70	10	T	-.4	T	1.8	56	2.7	49	64	28	2	0	0	0
POCATELLO	78	44	84	42	61	6	.1	-.2	0	2.9	94	4.5	88	78	30	0	0	2	0
IL CHICAGO	73	44	84	40	58	-3	.3	-.4	.3	8.2	93	13.1	112	86	33	0	0	1	0
MOLINE	78	50	87	44	64	1	.1	-.8	.1	10.0	99	13.8	105	81	30	0	0	1	0
PEORIA	78	49	85	43	63	0	T	-.8	T	8.7	89	12.3	96	84	38	0	0	0	0
QUINCY	77	53	85	47	65	0	0	-1.0	0	7.3	69	11.6	87	82	37	0	0	0	0
ROCKFORD	78	46	85	40	62	0	T	-.8	T	7.8	80	10.6	85	93	32	0	0	1	0
SPRINGFIELD	80	51	86	42	66	0	.2	-.5	.2	7.3	74	10.9	83	81	30	0	0	1	0
IN EVANSVILLE	77	52	83	48	64	-3	1.2	.2	1.2	12.9	106	18.9	104	83	39	0	0	1	1
FORT WAYNE	78	49	87	37	64	2	.4	-.4	.4	6.5	70	12.1	91	83	31	0	0	1	0
INDIANAPOLIS	77	53	85	46	65	1	.2	-.7	.1	12.5	122	17.6	115	79	35	0	0	2	0
SOUTH BEND	76	46	85	41	61	0	.3	-.3	.3	6.6	71	13.5	98	82	30	0	0	1	0
IA DES MOINES	78	54	84	48	66	1	.7	-.2	.3	5.0	58	7.6	71	86	33	0	0	4	0
SIOUX CITY	79	52	89	45	65	2	.8	0	.5	10.2	153	10.6	129	87	39	0	0	3	0
WATERLOO	77	50	88	43	64	3	.1	-.9	.1	6.3	70	8.1	75	83	31	0	0	1	0
KS CONCORDIA	79	52	88	47	65	0	.1	-.9	.1	6.0	83	8.0	92	86	38	0	0	1	0
DODGE CITY	83	52	94	42	67	1	T	-.8	T	3.7	62	6.0	86	79	27	2	0	0	0
GOODLAND	76	52	86	46	64	3	.6	-.1	.4	4.6	102	5.3	100	82	32	0	0	3	0
TOPEKA	81	53	88	49	67	1	.1	-.8	.1	8.5	102	11.3	110	86	42	0	0	1	0
WICHITA	82	55	93	48	68	0	.1	-.9	.1	7.0	94	9.3	104	86	35	2	0	1	0
KY BOWLING GREEN	76	53	83	47	64	-4	1.2	.2	1.0	8.0	62	12.3	57	96	51	0	0	2	1
LEXINGTON	71	53	78	49	62	-4	1.2	.2	.7	9.7	79	12.7	66	92	56	0	0	2	2
LOUISVILLE	74	54	81	51	64	-3	1.4	.5	1.1	9.8	80	14.0	74	92	46	0	0	2	1
LA ALEXANDRIA	83	62	86	59	72	-4	1.2	-.2	1.0	8.4	53	20.4	79	92	52	0	0	2	1
BATON ROUGE	83	63	88	57	73	-3	1.5	.6	1.0	8.5	59	18.9	79	90	47	0	0	2	2
LAKE CHARLES	86	64	90	60	75	-1	2.9	1.8	2.0	8.4	74	18.6	95	99	47	1	0	2	2
NEW ORLEANS	84	64	89	58	74	-2	.8	-.3	.7	10.3	77	24.4	103	93	49	0	0	2	1

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending May 25, 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	58	72	-3	1.7	.7	1.7	9.3	75	16.1	81	87	44	0	0	2	1
ME CARIBOU	69	43	75	36	56	3	.2	-.4	.1	5.3	73	9.0	76	85	36	0	0	4	0
PORTLAND	69	45	77	36	57	3	.3	-.4	.3	6.2	59	8.8	49	91	43	0	0	2	0
MD BALTIMORE	75	54	84	46	65	-1	1.3	.5	.9	7.1	72	12.0	76	76	41	0	0	2	1
SALISBURY	73	56	83	52	65	0	1.8	1.0	1.0	5.9	60	11.7	70	99	54	0	0	3	2
MA BOSTON	71	55	83	47	63	2	.4	-.4	.4	6.5	60	9.4	51	95	49	0	0	2	0
CHATHAM	65	50	69	47	57	3	.7	-.1	.4	10.5	95	14.0	72	--	--	0	0	3	0
MI ALPENA	69	38	81	31	54	0	1.1	.5	.7	7.3	109	11.7	121	98	40	0	1	3	1
DETROIT	73	44	81	34	59	-2	.7	0	.7	7.8	99	14.3	125	84	33	0	0	1	1
FLINT	73	41	82	35	57	-1	.5	-.2	.5	10.1	137	15.1	144	95	42	0	0	1	0
GRAND RAPIDS	74	42	82	36	58	-2	.3	-.3	.3	7.7	91	12.9	108	*98	35	0	0	1	0
HOUGHTON LAKE	72	41	79	33	57	1	.3	-.3	.2	6.8	104	10.4	112	93	32	0	0	2	0
LANSING	73	40	82	36	57	-2	.3	-.3	.3	7.4	103	12.4	118	92	36	0	0	1	0
MARQUETTE	65	37	77	28	51	-2	.3	-.6	.2	13.3	138	19.2	142	93	38	0	2	2	0
MUSKEGON	72	42	79	39	57	-1	T	-.6	T	6.7	86	12.0	102	82	31	0	0	0	0
SAULT STE. MARIE	64	37	77	31	51	-1	.3	-.4	.2	10.0	149	15.4	145	98	49	0	1	2	0
MN ALEXANDRIA	72	50	83	41	61	3	.1	-.6	.1	6.7	120	7.7	108	89	38	0	0	1	0
DULUTH	67	44	80	33	55	3	.5	-.2	.5	6.8	107	7.9	93	86	38	0	0	1	1
INT'L FALLS	65	41	77	29	53	0	.5	-.1	.5	9.5	208	10.6	171	84	38	0	1	1	1
MINNEAPOLIS	73	49	85	42	61	0	.3	-.5	.3	8.6	137	9.9	125	78	39	0	0	3	0
ROCHESTER	74	47	85	38	61	2	.2	-.6	.2	5.5	80	6.7	81	79	36	0	0	1	0
MS GREENWOOD	82	58	85	51	70	-4	.6	-.4	.6	6.8	43	13.6	53	96	46	0	0	1	1
JACKSON	83	58	88	51	71	-3	.3	-.7	.3	7.3	46	18.9	75	97	40	0	0	1	0
MERIDIAN	84	58	88	52	71	-2	.2	-.7	.2	9.3	60	18.6	74	99	44	0	0	1	0
MO CAPE GIRARDEAU	79	54	86	50	66	--	.9	-.2	.8	18.5	137	24.6	127	92	45	0	0	2	1
COLUMBIA	77	52	83	46	65	-1	1.3	.3	.8	10.1	95	17.4	123	95	47	0	0	2	2
KANSAS CITY	80	56	86	52	68	1	0	-1.1	0	6.0	66	9.7	85	83	38	0	0	0	0
SAINT LOUIS	79	57	84	47	68	1	T	-.8	T	12.1	125	16.4	121	82	36	0	0	0	0
SPRINGFIELD	78	56	86	51	67	0	1.2	.3	.5	12.9	118	18.7	128	86	46	0	0	4	1
MT BILLINGS	84	53	89	48	69	12	.5	0	.5	3.5	71	4.2	64	66	18	0	0	1	1
GLASGOW	82	51	90	41	67	10	.2	-.3	.1	1.6	61	1.7	50	76	23	1	0	2	0
GREAT FALLS	84	49	87	41	66	11	.4	-.2	.4	1.9	44	2.5	41	78	24	0	0	3	0
HAVRE	84	50	88	45	67	11	T	-.4	T	2.0	71	2.4	63	71	21	0	0	1	0
HELENA	80	47	84	45	64	10	.2	-.3	.1	1.2	40	1.8	44	80	22	0	0	3	0
KALISPELL	80	47	85	42	64	11	.5	.1	.5	1.8	56	3.4	58	96	31	0	0	2	0
MILES CITY	88	55	95	48	71	12	T	-.4	T	1.9	51	2.1	44	70	24	3	0	1	0
MISSOULA	82	49	87	46	65	12	.4	0	.1	1.4	46	2.3	43	89	29	0	0	5	0
NE GRAND ISLAND	80	53	92	47	67	4	.2	-.7	.1	9.3	130	9.8	117	88	32	1	0	2	0
LINCOLN	78	50	86	44	64	0	.1	-.8	.1	7.2	92	8.0	84	96	41	0	0	2	0
NORFOLK	81	53	93	47	67	4	.1	-.8	.1	9.1	137	9.5	120	87	32	1	0	2	0
NORTH PLATTE	79	45	91	42	62	2	T	-.8	T	6.0	106	6.7	102	83	31	1	0	0	0
OMAHA	78	56	85	50	67	3	.8	-.3	.6	7.5	92	8.5	87	80	39	0	0	2	1
SCOTTSBLUFF	81	43	91	40	62	3	T	-.6	T	2.3	52	3.2	60	76	21	1	0	1	0
VALENTINE	85	47	97	37	66	6	T	-.7	T	2.4	49	3.0	53	75	21	1	0	1	0
NV ELY	72	39	79	34	55	4	.1	-.2	.1	2.4	89	3.4	83	86	28	0	0	2	0
LAS VEGAS	94	67	99	64	80	5	0	0	0	.4	45	.6	33	29	10	6	0	0	0
RENO	80	43	86	39	62	6	0	-.2	0	1.1	58	2.0	50	72	16	0	0	0	0
WINNEMUCCA	81	40	88	28	60	4	T	-.2	T	.9	44	2.4	65	78	20	0	1	0	0
NH CONCORD	77	44	85	33	60	3	T	-.6	T	5.4	65	8.3	61	96	32	0	0	0	0
NJ ATLANTIC CITY	75	56	84	49	66	3	1.6	.9	.9	7.0	72	10.7	64	93	47	0	0	2	2
NM ALBUQUERQUE	76	49	83	46	62	-4	.5	.4	.5	3.5	264	4.5	214	86	28	0	0	2	0
CLOVIS	74	51	83	48	63	-5	.3	-.2	.3	5.1	168	6.6	161	90	42	0	0	1	0
ROSWELL	81	54	89	50	67	-5	.1	-.1	.1	4.7	380	5.0	278	91	32	0	0	1	0
NY ALBANY	75	46	85	43	61	1	.1	-.7	.1	7.2	84	9.2	69	88	33	0	0	1	0
BINGHAMTON	72	47	79	37	59	2	T	-.7	T	5.8	68	8.4	63	76	34	0	0	0	0
BUFFALO	72	49	79	40	61	2	.3	-.3	.3	7.7	92	15.3	111	83	32	0	0	2	0
NEW YORK	75	57	81	49	66	2	1.6	.9	1.6	7.1	67	9.7	57	88	44	0	0	2	1
ROCHESTER	75	45	84	35	60	1	.1	-.5	.1	5.9	82	10.2	86	89	28	0	0	1	0
SYRACUSE	75	47	83	42	61	2	.2	-.5	.2	5.5	61	9.5	67	93	37	0	0	3	0
NC ASHEVILLE	76	49	82	38	63	-2	T	-1.0	T	5.0	41	12.8	66	96	49	0	0	1	0
CHARLOTTE	79	58	85	48	69	-1	T	-.8	T	7.5	68	16.8	90	93	46	0	0	0	0
GREENSBORO	77	54	84	46	66	-2	1.4	.7	1.3	6.0	62	14.1	85	90	51	0	0	3	1
HATTERAS	79	64	82	56	71	3	.9	-.1	.7	6.7	64	16.7	87	94	57	0	0	4	1
NEW BERN	83	62	88	51	73	2	.9	-.2	.6	6.5	64	14.0	77	89	50	0	0	2	1
RALEIGH	78	56	85	47	67	-1	1.2	.3	1.0	5.6	59	14.9	90	88	48	0	0	4	1
WILMINGTON	83	63	89	53	73	1	T	-1.0	T	4.0	39	11.1	64	92	51	0	0	0	0
ND BISMARCK	75	49	81	37	62	5	.1	-.5	.1	5.3	135	5.6	114	83	32	0	0	1	0
FARGO	73	48	80	36	61	3	T	-.5	T	5.3	117	5.6	102	80	36	0	0	1	0
GRAND FORKS	74	47	86	36	61	4	.3	-.1	.2	4.0	111	4.7	96	76	30	0	0	2	0
WILLISTON	79	49	87	40	64	8	.2	-.3	.2	3.3	101	3.7	86	63	26	0	0	1	0
OH AKRON-CANTON	73	44	78	36	58	-2	.4	-.4	.4	8.8	92	11.9	83	88	38	0	0	1	0
CINCINNATI	73	52	80	45	62	-2	.9	0	.7	14.3	135	18.3	112	86	44	0	0	3	1
CLEVELAND	70	46	80	36	58	-2	.3	-.4	.3	8.0	90	12.4	91	82	35	0	0	1	0
COLUMBUS	74	46	81	38	60	-3	T	-.8	T	8.8	91	11.7	80	77	37	0	0	1	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending May 25, 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	73	48	81	38	61	-3	.3	-.6	.2	10.6	112	14.5	102	70	38	0	0	2	0
TOLEDO	75	43	85	35	59	-2	.3	-.4	.3	7.7	97	12.9	109	89	36	0	0	1	0
YOUNGSTOWN	73	43	80	34	58	-1	.4	-.4	.3	8.8	93	10.8	76	89	35	0	0	2	0
OK OKLAHOMA CITY	80	58	92	53	69	-1	T	-1.3	T	13.5	143	18.1	155	84	41	1	0	0	0
TULSA	81	61	92	56	71	1	1.0	-.2	1.0	13.5	118	20.4	141	89	45	1	0	1	1
OR ASTORIA	64	51	69	43	57	4	.1	-.4	.1	11.6	81	16.3	49	97	69	0	0	4	0
BURNS	74	45	81	40	59	6	.4	.3	.3	2.4	160	3.0	125	--	--	0	0	2	0
MEDFORD	80	49	87	42	65	6	.1	-.2	.1	1.7	44	3.5	37	84	31	0	0	1	0
PENDLETON	79	54	90	46	67	7	T	-.2	T	1.7	57	3.5	60	67	30	1	0	0	0
PORTLAND	74	54	85	48	64	6	T	-.4	T	4.5	59	6.4	36	88	46	0	0	1	0
SALEM	73	49	85	40	61	5	T	-.4	T	5.0	60	8.7	44	91	47	0	0	1	0
PA ALLENTOWN	76	50	84	44	63	1	.1	-.6	.1	6.7	63	9.8	57	83	38	0	0	1	0
ERIE	70	47	81	37	59	2	.6	-.2	.5	7.8	87	13.2	97	84	35	0	0	2	1
HARRISBURG	76	54	84	39	65	1	.5	-.4	.5	8.6	89	12.5	82	90	42	0	0	2	0
PHILADELPHIA	75	55	83	46	65	0	1.1	.3	.7	7.2	73	11.2	71	89	43	0	0	2	1
PITTSBURGH	72	45	80	36	58	-3	T	-.8	T	7.6	78	10.4	69	91	39	0	0	0	0
SCRANTON	73	47	81	40	60	-1	0	-.7	0	7.6	93	9.7	78	81	36	0	0	0	0
RI PROVIDENCE	74	52	82	47	63	4	.2	-.6	.2	9.3	84	12.2	65	89	42	0	0	1	0
SC CHARLESTON	84	66	88	59	75	2	.2	-.9	.2	4.3	42	7.8	46	92	44	0	0	2	0
COLUMBIA	84	60	89	47	72	-1	.4	-.6	.4	4.6	39	15.0	74	95	43	0	0	1	0
FLORENCE	84	60	91	54	72	0	.1	-.7	.1	3.5	36	10.5	63	95	43	3	0	2	0
GREENVILLE	79	57	85	48	68	-1	.1	-.9	.1	4.8	35	14.0	63	90	45	0	0	1	0
SD ABERDEEN	76	51	84	39	63	4	.1	-.5	.1	3.7	76	4.0	66	88	42	0	0	2	0
HURON	78	49	91	40	64	4	T	-.6	T	6.4	120	6.9	106	84	39	1	0	1	0
RAPID CITY	83	51	89	43	67	10	.1	-.6	0	2.1	43	2.7	44	66	20	0	0	2	0
SIOUX FALLS	79	50	91	39	65	4	.1	-.7	.1	9.3	144	9.8	124	87	40	1	0	1	0
TN CHATTANOOGA	79	57	85	44	68	-1	.1	-.7	.1	9.0	64	17.5	73	86	45	0	0	1	0
KNOXVILLE	76	54	83	42	65	-4	.3	-.5	.3	6.5	52	13.8	65	100	63	0	0	3	0
MEMPHIS	80	58	84	53	69	-4	1.2	.1	1.1	13.6	88	21.4	88	87	45	0	0	2	1
NASHVILLE	79	53	86	46	66	-4	.5	-.5	.5	7.1	52	13.5	61	92	44	0	0	3	1
TX ABILENE	81	58	87	55	69	-5	1.6	.9	.9	7.8	128	9.8	123	90	43	0	0	3	2
AMARILLO	78	53	86	48	66	-2	.7	0	.5	5.1	125	6.9	135	83	35	0	0	3	0
AUSTIN	86	65	90	61	75	-1	.6	-.4	.5	5.9	71	9.3	76	91	48	1	0	2	0
BEAUMONT	86	66	89	63	76	0	2.2	1.2	1.2	11.0	103	21.3	115	100	58	0	0	2	2
BROWNSVILLE	89	71	92	66	80	0	2.3	1.8	2.3	5.6	150	7.6	117	92	57	3	0	1	1
CORPUS CHRISTI	85	69	87	65	77	-2	.9	.2	.7	8.2	158	13.8	164	96	61	0	0	2	1
DEL RIO	87	68	90	65	77	-2	.5	0	.3	5.5	133	7.2	131	87	46	2	0	2	0
EL PASO	88	58	95	49	73	-1	0	-.1	0	.7	100	1.8	120	56	14	2	0	0	0
FORT WORTH	84	60	91	54	72	-3	1.9	1.0	1.0	9.6	100	13.0	98	91	47	1	0	2	2
GALVESTON	82	71	87	65	77	0	1.2	.4	.9	8.8	120	17.1	135	91	57	0	0	2	1
HOUSTON	85	64	88	62	75	-1	.8	-.2	.8	10.4	97	17.9	104	85	45	0	0	2	1
LUBBOCK	80	54	90	51	67	-4	1.6	1.0	1.5	4.4	111	5.1	104	86	37	1	0	2	1
MIDLAND	86	56	91	53	71	-2	.7	.2	.5	1.8	59	3.2	80	86	29	3	0	4	1
SAN ANGELO	81	59	88	58	70	-5	1.6	1.0	.8	6.9	150	8.0	131	95	52	0	0	4	2
SAN ANTONIO	86	65	89	59	75	-1	.6	-.2	.5	8.6	122	13.2	127	91	49	0	0	2	1
VICTORIA	88	69	92	65	79	1	T	-1.1	T	15.1	202	20.5	177	93	49	3	0	1	0
WACO	88	62	95	53	75	-1	1.0	0	.7	7.5	78	10.2	76	89	41	3	0	3	1
WICHITA FALLS	82	58	90	54	70	-3	.7	-.3	.4	11.6	138	15.3	149	87	41	1	0	2	0
UT BLANDING	73	44	81	39	59	0	.2	.1	.1	4.1	206	5.7	136	80	39	0	0	4	0
CEDAR CITY	79	45	83	41	62	4	.2	0	.2	3.5	127	4.5	107	79	22	0	0	1	0
SALT LAKE CITY	80	55	86	51	68	7	T	-.3	T	4.9	95	6.7	86	73	29	0	0	1	0
VT BURLINGTON	73	45	82	40	59	2	.5	-.2	.3	7.2	98	9.9	91	82	28	0	0	3	0
VA NORFOLK	76	60	87	55	68	0	1.8	1.0	.8	5.7	58	13.2	79	92	53	0	0	5	2
RICHMOND	79	56	91	50	68	0	1.3	.4	.9	4.8	51	11.6	74	89	51	1	0	3	1
ROANOKE	77	54	84	45	65	-1	5.2	4.3	2.7	10.5	109	16.6	106	89	50	0	0	4	3
WA COLVILLE	80	51	88	48	66	10	.4	0	.4	2.3	66	4.7	65	79	35	0	0	2	0
QUILLAYUTE	63	48	70	40	56	4	T	-.9	T	17.1	77	25.2	51	95	64	0	0	2	0
SEATTLE-TACOMA	70	51	80	46	60	4	T	-.3	T	4.3	59	7.5	43	90	47	0	0	1	0
SPOKANE	79	51	88	48	65	9	.2	-.2	.2	2.5	70	3.8	50	80	29	0	0	2	0
YAKIMA	82	51	90	44	67	8	T	-.1	T	1.1	72	1.8	49	74	26	1	0	1	0
WV BECKLEY	68	50	75	43	59	-3	4.1	3.2	1.5	10.1	93	14.4	82	99	65	0	0	4	4
CHARLESTON	74	56	83	48	65	-1	2.1	1.3	.9	11.8	112	17.1	100	90	55	0	0	4	2
HUNTINGTON	71	53	80	49	62	-4	2.3	1.4	1.4	9.6	89	15.6	93	100	59	0	0	4	1
PARKERSBURG	76	54	83	51	65	1	.5	-.5	.4	10.2	95	13.7	78	92	45	0	0	2	0
WI GREEN BAY	73	44	81	38	59	2	.2	-.5	.2	7.0	99	10.5	113	83	38	0	0	2	0
LA CROSSE	76	46	85	37	61	0	.1	-.8	.1	6.3	81	8.5	88	80	28	0	0	1	0
MADISON	75	46	83	38	60	1	.1	-.7	.1	6.7	84	10.0	100	78	34	0	0	1	0
MILWAUKEE	72	45	86	40	58	2	T	-.5	T	7.4	92	11.7	106	86	36	0	0	1	0
WAUSAU	73	46	79	37	60	2	T	-.9	T	7.0	90	8.3	86	86	37	0	0	1	0
WY CASPER	73	42	83	36	57	3	.5	0	.5	3.0	72	4.4	83	90	28	0	0	1	1
CHEYENNE	69	42	79	37	55	1	.4	-.2	.4	2.4	59	3.2	65	94	37	0	0	2	0
LANDER	79	49	85	43	64	9	.1	-.5	.1	2.0	36	2.7	41	54	19	0	0	1	0
SHERIDAN	83	47	90	43	65	10	.5	-.1	.5	2.7	53	3.8	58	70	20	1	0	2	0
PR SAN JUAN	87	74	90	73	81	0	T	-1.3	T	9.2	87	14.4	93	87	58	1	0	0	0

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 5-25-1985
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	29	-23	-25	228	19	84	9	58
AL MOBILE	MOB	64	-15	-6	423	-10	107	-2	34
AL MONTGOMERY	MGM	49	-12	-23	364	58	104	19	40
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	-2	0	0	0	**	**
AZ PHOENIX	PHX	150	32	-22	854	359	53	73	7
AZ PRESCOTT	PRC	5	1	-44	6	0	-66	**	**
AZ TUCSON	TUS	86	16	-32	430	124	17	41	4
AZ WINSLOW	INW	9	-5	-52	22	-3	-74	**	**
AZ YUMA	YUM	130	26	-31	836	193	25	30	3
AR FORT SMITH	FSM	25	-23	-24	159	-15	40	-9	34
AR LITTLE ROCK	LRI	24	-26	-30	220	18	64	9	41
CA BAKERSFIELD	BFL	58	3	-5	218	-15	88	-6	68
CA EUREKA	EKA	0	0	0	13	13	13	**	**
CA FRESNO	FAT	75	38	-12	254	115	40	83	19
CA LOS ANGELES	LAX	0	-3	-13	43	-8	-19	**	**
CA RED BLUFF	RBL	69	31	-1	205	66	75	47	58
CA SACRAMENTO	SAC	24	1	-24	66	-14	-40	**	**
CA SAN DIEGO	SAN	9	2	-13	40	-16	-105	**	**
CA SAN FRANCISCO	SFO	0	0	-1	7	7	-5	**	**
CA STOCKTON	SCK	29	4	-28	65	-27	-33	**	**
CO DENVER	DEN	1	-1	-10	11	9	-10	**	**
CO GRAND JUNCTION	GJT	8	-9	-41	25	-9	-64	**	**
CO PUEBLO	PUB	1	-13	-25	20	-2	-35	**	**
CT BRIDGEPORT	BDR	2	-4	-1	19	8	16	**	**
CT HARTFORD	BDL	3	-4	-2	31	19	26	**	**
DE WILMINGTON	ILG	21	7	-7	123	98	95	**	**
DC WASHINGTON	DCA	26	-3	-32	173	99	106	**	**
FL APALACHICOLA	AQQ	74	-1	7	406	3	128	1	46
FL DAYTONA BEACH	DAB	102	24	52	634	68	259	12	69
FL FORT MEYER	FMY	117	20	19	1049	143	219	16	26
FL JACKSONVILLE	JAX	87	15	11	498	100	129	25	35
FL KEY WEST	EYW	126	14	9	1405	9	90	1	7
FL MIAMI	MIA	114	16	29	1103	-39	86	-3	8
FL ORLANDO	MCO	98	5	18	733	-49	164	-6	29
FL TALLAHASSEE	TLH	71	-2	3	457	59	131	15	40
FL TAMPA	TPA	114	22	16	887	136	186	18	27
FL WEST PALM BEACH	PBI	98	5	10	990	36	128	4	15
GA ATLANTA	ATL	35	-11	-12	219	53	101	32	86
GA AUGUSTA	AGS	62	10	-7	342	129	156	61	84
GA MACON	MCN	63	-1	-12	311	7	47	2	18
GA SAVANNAH	SAV	77	9	-4	451	115	130	34	40
HI HILO-HAWAII	ITO	54	-9	-8	777	-234	-405	-23	-34
HI HONOLULU-OAHU	HNL	69	-22	-30	1344	-35	-289	-3	-18
HI KAHULUI-MAUI	OGG	52	-25	-42	1031	-146	-529	-12	-34
HI LIHUE-KAUAI	LIH	54	-23	-39	1173	59	-366	5	-24
ID BOISE	BOI	20	14	19	30	19	26	**	**
ID LEWISTON	LWS	38	32	38	59	48	56	**	**
ID POCATELLO	PIH	1	-2	0	5	1	-4	**	**
IL CHICAGO	ORD	2	-10	2	76	50	60	**	**
IL MOLINE	MLI	11	-6	4	102	61	72	**	**
IL PEORIA	PIA	4	-17	-11	77	29	41	**	**
IL QUINCY	UIN	10	-15	-15	100	42	47	**	**
IL ROCKFORD	RFD	4	-10	1	66	37	51	**	**
IL SPRINGFIELD	SPI	14	-16	-8	102	24	56	**	**
IN EVANSVILLE	EVV	10	-24	-35	110	0	44	0	67
IN FORT WAYNE	FWA	10	-4	-7	103	67	78	**	**
IN INDIANAPOLIS	IND	10	-14	-10	88	32	64	**	**
IN SOUTH BEND	SBN	4	-10	-4	93	64	70	**	**
IA DES MOINES	DSM	13	-6	3	78	36	43	**	**
IA DUBUQUE	DBQ	6	-4	3	57	37	42	**	**
IA SIOUX CITY	SUX	17	2	12	84	51	67	**	**
IA WATERLOO	ALO	10	-2	2	73	52	50	**	**
KS CONCORDIA	CNK	11	-13	-3	48	-6	2	**	**
KS DODGE CITY	DDC	24	-4	-7	75	2	6	**	**
KS GOODLAND	GLD	11	3	10	35	20	30	**	**
KS TOPEKA	TOP	17	-11	-8	91	6	11	**	**
KS WICHITA	ICT	27	-7	9	94	-17	34	-15	57
KY BOWLING GREEN	BWG	7	-27	-33	107	-11	54	-9	102
KY LEXINGTON	LEX	4	-24	-30	81	-17	30	**	**
KY LOUISVILLE	SDF	9	-21	-36	122	15	53	14	77
LA ALEXANDRIA	AEX	53	-19	-17	399	3	35	1	10
LA BATON ROUGE	BTR	60	-17	-10	445	3	23	1	5
LA LAKE CHARLES	LCH	73	-6	-3	494	47	-25	11	-5
LA NEW ORLEANS	MSY	64	-13	-7	483	-6	91	-1	23
LA SHREVEPORT	SHV	51	-15	-14	335	-7	27	-2	9
ME CARIBOU	CAR	0	0	-6	0	0	-6	**	**
ME PORTLAND	PWM	0	0	0	5	5	5	**	**
MD BALTIMORE	BWI	14	-6	-21	114	71	78	**	**
MD SALISBURY	SBY	16	1	-21	130	104	86	**	**
MA BOSTON	BOS	9	4	-10	30	22	13	**	**
MA CHATHAM	CHH	0	0	0	0	0	0	**	**
MI ALPENA	APN	0	0	0	18	18	18	**	**
MI DETROIT	DTW	0	-10	-11	41	20	26	**	**
MI FLINT	FNT	1	-6	0	47	35	46	**	**
MI GRAND RAPIDS	GRR	1	-7	1	58	39	46	**	**
MI HOUGHTON LAKE	HTL	0	-6	0	32	23	32	**	**
MI LANSING	LAN	0	-7	-6	50	32	37	**	**
MI MARQUETTE	MQT	0	-3	0	11	3	10	**	**
MI MUSKEGON	MKG	0	-6	0	44	34	43	**	**
MI SAULT ST MARIE	SSM	0	-3	0	4	-2	4	**	**
MN ALEXANDRIA	AXN	6	-1	6	32	20	28	**	**
MN DULUTH	DLH	2	2	2	9	9	8	**	**
MN INT'L FALLS	INL	0	-3	0	0	-7	0	**	**
MN MINNEAPOLIS	MSP	7	-4	3	62	39	55	**	**
MN ROCHESTER	RST	6	0	5	49	35	48	**	**
MN SAINT CLOUD	STC	4	-3	4	41	27	37	**	**
MS GREENWOOD	GWO	35	-27	-31	303	-8	48	-3	19
MS JACKSON	JAN	42	-20	-23	317	-9	29	-3	10
MS MERIDIAN	MEI	47	-11	8	328	35	160	12	95
MO CAPE GIRARDEAU	CGI	19	-20	-32	143	16	54	13	61
MO COLUMBIA	COU	10	-15	-8	77	0	35	**	**
MO KANSAS CITY	MCI	21	-8	1	98	16	50	**	**
MO SAINT LOUIS	STL	29	-8	-11	157	53	72	51	85
MO SPRINGFIELD	SGF	17	-11	-19	88	-14	20	-14	29
MT BILLINGS	BIL	29	29	28	42	42	26	**	**
MT GLASGOW	GGW	23	20	23	33	30	19	**	**
MT GREAT FALLS	GTF	14	14	14	20	20	12	**	**
MT HAVRE	HVR	20	17	20	30	25	22	**	**
MT HELENA	HLN	2	2	2	2	2	-2	**	**
MT KALISPELL	FCA	7	7	7	7	7	7	**	**
MT MILES CITY	MLS	47	43	46	68	60	49	**	**
MT MISSOULA	MSO	11	11	11	11	11	11	**	**
NE GRAND ISLAND	GRI	20	4	11	85	57	50	**	**
NE LINCOLN	LNK	7	-13	3	62	22	38	**	**
NE NORFOLK	OFK	21	6	15	84	58	65	**	**
NE NORTH PLATTE	LBF	5	-1	5	37	25	16	**	**
NE OMAHA	ONA	18	-6	10	89	30	61	**	**
NE SCOTTSBLUFF	BFF	7	4	0	34	30	8	**	**
NE VALENTINE	VTN	17	14	10	66	61	40	**	**
NV ELY	ELY	0	0	-1	0	0	-1	**	**
NV LAS VEGAS	LAS	111	38	-40	453	152	57	50	14
NV RENO	RNO	3	0	-1	3	-2	-2	**	**
NV WINNEMUCCA	WMC	3	0	3	3	-7	3	**	**
NH CONCORD	CON	5	2	-3	16	12	8	**	**
NJ ATLANTIC CITY	ACY	18	13	-10	104	93	76	**	**
NM ALBUQUERQUE	ABQ	5	-15	-64	23	-7	-97	**	**
NM CLOVIS	CVS	4	-15	-35	42	-1	-34	**	**
NM ROSWELL	ROW	20	-29	-63	150	-17	-68	-10	-31
NY ALBANY	ALB	3	-4	3	32	19	32	**	**
NY BINGHAMTON	BGM	2	-1	-7	40	37	33	**	**
NY BUFFALO	BUF	4	-3	-12	44	29	29	**	**
NY NEW YORK	LGA	17	2	-6	73	44	57	**	**
NY ROCHESTER	ROC	6	-1	-9	32	17	22	**	**
NY SYRACUSE	SYR	7	0	0	37	21	35	**	**
NC ASHEVILLE	AVL	6	-12	0	37	-5	30	**	**
NC CAPE HATTERAS	HAT	47	19	-6	222	131	131	**	**
NC CHARLOTTE	CLT	33	-6	-12	167	27	83	19	99
NC GREENSBORO	GSO	20	-13	-15	146	28	90	24	161
NC NEW BERN	EWN	56	10	-32	342	173	155	102	83
NC RALEIGH DURHAM	RDU	25	-7	-17	173	58	84	50	94
NC WILMINGTON	ILM	61	12	-9	366	155	196	73	115
ND BISMARCK	BIS	3	-1	1	17	12	7	**	**
ND FARGO	FAR	6	-1	6	37	26	28	**	**
ND GRAND FORKS	GFK	8	1	8	38	21	28	**	**
ND WILLISTON	ISN	13	9	13	26	20	18	**	**
OH AKRON-CANTON	CAK	2	-9	-10	62	38	48	**	**
OH CLEVELAND	CLE	4	-5	-9	66	44	51	**	**
OH COLUMBUS	CMH	1	-19	-27	64	22	31	**	**
OH CINCINNATI	CVG	3	-20	-29	105	44	62	**	**
OH DAYTON	DAY	2	-19	-19	71	21	45	**	**
OH TOLEDO	TOL	4	-7	-6	65	44	45	**	**
OH YOUNGSTOWN	YNG	3	-4	-15	58	41	38	**	**
OK OKLAHOMA CITY	OKC	28	-12	-24	139	-18	-4	-11	-3
OK TULSA	TUL	43	-3	-12	193	17	54	10	39
OR ASTORIA	AST	0	0	0	3	3	3	**	**
OR BURNS	4BW	16	13	16	29	25	29	**	**
OR MEDFORD	MFR	9	5	9	11	1	11	**	**
OR PENDLETON	PDT	19	13	19	28	19	27	**	**
OR PORTLAND	PDX	7	4	7	12	9	12	**	**
OR SALEM	SLE	1	1	1	1	1	1	**	**
PA ALLENTOWN	ABE	7	-2	-8	74	53	59	**	**
PA ERIE	ERI	5	2	-13	48	43	30	**	**
PA HARRISBURG	CXY	5	-11	-16	95	57	75	**	**
PA PHILADELPHIA	PHL	15	-3	-9	81	45	59	**	**
PA PITTSBURGH	PIT	2	-9	-10	58	35	43	**	**
PA SCRANTON	AVP	0	-3	-13	42	31	31	**	**
RI PROVIDENCE	PVD	6	3	4	30	25	28	**	**
SC CHARLESTON	CHS	71	11	-2	416	158	162	61	64
SC COLUMBIA	CAE	50	-9	-24	298	32	122	12	69
SC FLORENCE	FLO	54	-2	-5	307	46	141	18	85
SC GREENVILLE	GSP	31	-8	-32	151	14	60	10	66
SD ABERDEEN	ABR	15	9	15	59	50	53	**	**
SD HURON	HON	15	10	14	55	46	47	**	**
SD RAPID CITY	RAP	21	20	19	60	59	46	**	**
SD SIOUX FALLS	FSD	17	7	15	64	48	59	**	**
TN CHATTANOOGA	CHA	27	-10	-3	123	-15	64	-11	108
TN KNOXVILLE	TYS	17	-19	-8	83	-50	37	-38	80
TN MEMPHIS	MEM	30	-27	-34	284	60	96	27	51
TN NASHVILLE	BNA	16	-24	-29	167	21	90	14	117
TX ABILENE	ABI	33	-29	-69	297	-15	-56	-5	-16
TX AMARILLO	AMA	13	-18	-25	101	13	13	**	**
TX AUSTIN	AUS	73	-5	-39	525	50	-105	11	-17
TX BROWNSVILLE	BRO	108	3	-10	1030	81	33	9	3
TX CORPUS CHRISTI	CRP	86	-13	-21	697	-80	-21	-10	-3
TX DEL RIO	DRT	86	-9	-38	568	-74	-113	-12	-17
TX EL PASO	ELP	57	-4	-53	221	7	-69	3	-24
TX FORT WORTH	DFW	52	-21	-37	337	-53	27	-14	9
TX GALVESTON	GLS	84	0	-5	491	23	89	5	22
TX HOUSTON	IAH	68	-9	-16	512	57	47	13	10
TX LUBBOCK	LBB	22	-21	-50	163	14	1	9	1
TX MIDLAND ODESSA	MAF	45	-16	-38	346	90	44	35	15
TX BEAUMONT	BPT	81	-1	2	613	139	160	29	35
TX SAN ANGELO	SJT	37	-35	-70	399	25	5	7	1
TX SAN ANTONIO	SAT	74	-7	-37	522	-4	-71	-1	-12
TX VICTORIA	VCT	95	6	-9	659	56	36	9	6
TX WACO	ACT	72	-2	-25	457	37	36	9	9
TX WICHITA FALLS	SPS	38	-21	-52	206	-64	-39	-24	-16
UT BLANDING	4BL	0	-3	-20	0	-6	-34	**	**
UT CEDAR CITY	CDC	1	-6	-27	4	-5	-38	**	**
UT SALT LAKE CITY	SLC	23	15	10	71	53	35	**	**
VT BURLINGTON	BTV	1	-6	-3	8	-9	6	**	**
VA LYNCHBURG	LYH	12	-10	-27	135	73	74	**	**
VA NORFOLK	ORF	26	-2	-39	219	138	116	**	**
VA RICHMOND	RIC	27	2	-35	219	138	137	**	**
VA ROANOKE	ROA	14	-9	-27	173	106	108	**	**
WA COLVILLE	63S	13	11	13	14	12	14	**	**
WA QUILLAYUTE	UIL	0	0	0	7	7	7	**	**
WA SEATTLE-TACOMA	SEA	1	1	1	3	3	3	**	**
WA SPOKANE	GEG	12	9	12	16	10	16	**	**
WA WALLA WALLA	ALW	43	36	43	78	64	69	**	**
WA YAKIMA	YKM	18	14	18	35	28	35	**	**
WV BECKLEY	BKW	0	-7	-16	39	21	17	**	**
WV CHARLESTON	CRW	11	-17	-26	148	77	84	**	**
WV HUNTINGTON	HTS	4	-24	-33	107	14	38	**	**
WV PARKERSBURG	PKB	10	-17	-24	125	58	76	**	**
WI GREEN BAY	GRB	0	-7	0	23	11	20	**	**
WI LACROSSE	LSE	6	-8	0	74	46	66	**	**
WI MADISON	MSN	4	-3	4	56	42	50	**	**
WI MILWAUKEE	MKE	4	1	4	63	93	51	**	**
WI WAUSAU	AUW	2	-1	2	34	24	34	**	**
WY CASPER	CPR	0	0	-3	0	0	-12	**	**
WY CHEYENNE	CYS	0	0	0	0	0	0	**	**
WY LANDER	LND	6	6	4	9	9	5	**	**
WY SHERIDAN	SHR	8	8	8	11	11	8	**	**

NATIONAL AGRICULTURAL SUMMARY

May 20 to 26, 1985

HIGHLIGHTS: Major field crop development and seeding continued ahead of normal and last year, with most of the Nation's corn, rice, and spring wheat planted. Soybean, sorghum, and cotton plantings were ahead of last year and the normal pace. Most of the dryness left the eastern half of the Nation, but continued in Florida, portions of the Great Plains, and in California, Nevada, and Arizona. Farmers across much of the Nation had 4-6 days suitable for fieldwork. Ohio, Virginia, West Virginia, and Kentucky farmers had 3.5 days or less suitable for fieldwork.

Corn was 96 percent(%) seeded in the 17 major producing States, compared with 80% in 1984 and the 82% average. Planting was ahead of last year and the average in nearly all States. The 7 major sorghum producing States seeded 56% of the acreage. In the 19 major soybean producing States, 59% of the acreage was seeded, 27 points ahead of last year and 19 points ahead of the average. Cotton, at 79% planted, was 9 and 6 points ahead of 1984 and the average, respectively. Planting neared completion in all States except Oklahoma and Texas. Rice advanced to 92% seeded, which was about normal. Winter wheat was 76% headed in 16 of the 18 major producing States, 30 points ahead of 1984 and 19 points ahead of the 5-year average. Livestock were mostly good, and pastures continued improving with additional moisture.

SMALL GRAINS: Winter wheat was mostly good. However, wheat continued suffering from the lack of moisture in South Dakota and the northwest Mountain States. Winter wheat was 76% headed in 16 of the 18 major producing States, 30 points ahead of 1984 and 19 points ahead of the 5-year average. Heading was underway in all States except Idaho and Montana. Harvest continued gaining momentum across the South from East to West and as far North as southern Oklahoma. Wheat harvest was 6% complete in Texas, 17% in Alabama, 3% in Mississippi, 26% in Louisiana, and 21% complete in Georgia. Barley and other small grain harvest was underway in the Southeast and Southwest.

Spring wheat seeding was virtually complete in the 5 major producing States. Ninety percent of the planted spring wheat emerged. Stands were mostly good, except in South Dakota where moisture was short.

CORN: Corn was 96% seeded in the 17 major producing States, compared with 80% last year and the 82% average. Planting was considerably ahead of last year and the average in nearly all States. Corn was mostly good. Ample moisture and warm temperatures provided excellent growth and seed germination in most areas, especially in the Corn Belt. Silking and tasselling became more prevelant across the South.

SORGHUM: The 7 major sorghum producing States seeded 56% of the acreage; 27% was seeded last year, and normally 42% is seeded. Seeding in Kansas and Nebraska more than doubled last year and the average. Seeding was also ahead of normal in most other sorghum producing States.

SOYBEANS: In the 19 major Soybean producing States, 59% of the acreage was seeded, 27 points ahead of last year and 19 points ahead of average. Seeding more than doubled last year in Indiana, Michigan, Missouri, Nebraska, Ohio, and South Dakota. Planting was 72 and 68% complete in the East North Central and West North Central States, respectively. Emerged plants were mostly fair to good.

COTTON: Cotton, at 79% planted, was 9 and 6 points ahead of 1984 and the average, respectively. Planting neared completion in all States except Oklahoma and Texas. Oklahoma's seeding pace was 3 times faster than last year and 20 points above normal. Seeding in Texas jumped 13 points from last week. Hail and heavy rain damaged cotton in Texas and caused replanting. Texas cotton was squaring in the Blacklands and setting bolls in the Rio Grande Valley. Early-seeded cotton developed squares in Arizona.

OTHER CROPS: Rice seeding advanced to 92% seeded, which was about normal. Rice was 79% emerged 6 points above last year and the average. Arkansas, the largest rice producing State, was 86% seeded, equaling the average.

Peanut planting continued rushing towards completion. Planting was near completion in the Southeast States. Only 30% of the crop was seeded in Texas, 6 points ahead of normal. Georgia peanuts bloomed and Pegged.

Tobacco transplanting continued moving slowly northward from the South. Flue-cured transplanting neared completion, but transplanting of burley and other types gained momentum.

FRUIT AND NUTS: Georgia's peaches were 7% harvested. Eastern and central Texas growers picked early variety peaches. Despite the cold weather destroying much of the earlier peaches, South Carolina began harvesting.

Florida's citrus producers continued irrigating despite the rain. Rain slowed the grapefruit and orange harvests, but fruit continued softening from insufficient moisture.

Arizona's producers picked good-quality apricots, nectarines, peaches, and plums. California peaches were thinned and sprayed for the Oriental Fruit Moth. Grapefruit harvest advanced, but south coast lemon harvest lagged behind normal because of a large early fruit crop. Good quality but smaller sized valencia oranges were picked.

VEGETABLES: California broccoli harvest was fairly heavy from the central coast. Celery harvest was active along the south coast, but very light in Santa Maria. Sweet corn harvest increased in the desert, and lettuce volume was heavy in the central coast region. Arizona's Central Valley vegetable growers packed dry onions, green onions, squash, carrots, greens, cabbage, and potatoes. Fresh and chipper potato digging reached peak levels. Watermelon harvest began in the Yuma area.

Texas vegetable harvest continued despite the rain. Rio Grande Valley watermelon harvest peaked but cucumber harvest slowed. Hail damaged vegetables in the San Antonio-Winter Garden area so some replanting will be necessary. Sweetpotatoes transplanting neared completion in east Texas.

Florida's vegetable shipments declined 3% from last week. Most crops passed peak shipments and declined seasonally. Most vegetable areas received rain, but more is needed.

PASTURES AND LIVESTOCK: Pastures were fair to good and continued improving with additional moisture. Livestock were mostly good.

CROP PROGRESS

FOR WEEK ENDING MAY 26, 1985

WINTER WHEAT
% HEADED

	1985	1984	AVG.
ARK	99	100	NA
CALIF	100	100	99
COLO	56	5	20
GA	100	100	NA
IDAHO	0	0	0
ILL	95	43	70
IND	90	25	50
KANS	100	50	65
MICH	20	1	3
MO	99	55	70
MONT	0	0	0
NEBR	65	2	30
OHIO	75	5	20
OKLA	100	95	95
OREG	27	26	40
S DAK	33	2	15
TEX	97	88	90
WASH	6	8	18
18 STATES	77	48	NA
EXCL. STATES WITH NA	76	46	57

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

NA - NOT AVAILABLE

SORGHUM
% PLANTED

	1985	1984	AVG.
ARK	87	82	79
KANS	30	10	15
MO	62	44	44
NEBR	65	15	25
OKLA	35	25	30
S DAK	45	15	23
TEX	78	73	77
7 STATES	56	37	42

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

SOYBEANS
% PLANTED

	1985	1984	AVG.
ALA	46	26	43
ARK	24	23	19
GA	47	38	47
ILL	75	39	49
IND	65	30	45
IOWA	85	47	54
KANS	30	20	15
KY	24	10	21
LA	58	45	34
MICH	60	25	34
MINN	72	52	55
MISS	48	32	33
MO	58	20	28
NEBR	55	10	30
N C	39	24	42
OHIO	75	25	40
S C	26	25	34
S DAK	59	19	46
TENN	25	20	20
19 STATES	59	32	40

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

RICE
% PLANTED

	1985	1984	AVG.
ARK	86	84	86
CALIF	93	90	78
LA	99	94	93
MISS	100	91	93
TEX	98	100	99
5 STATES	92	90	89

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

RICE
% EMERGED

	1985	1984	AVG.
ARK	72	63	69
CALIF	65	60	46
LA	96	89	88
MISS	92	71	73
TEX	88	97	95
5 STATES	79	73	73

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

CORN
% PLANTED

	1985	1984	AVG.
COLO	92	87	84
GA	100	100	98
ILL	96	84	88
IND	97	77	75
IOWA	100	91	88
KANS	95	75	75
KY	90	65	73
MICH	98	85	79
MINN	93	86	85
MO	96	69	77
NEBR	98	75	75
N C	100	95	99
OHIO	98	65	70
PA	87	48	64
S DAK	92	63	70
TEX	100	100	99
WIS	90	74	78
17 STATES	96	80	82

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

SPRING WHEAT
% PLANTED

	1985	1984	AVG.
IDAHO	96	92	94
MINN	97	97	95
MONT	100	95	90
N D	99	95	87
S DAK	100	99	99
5 STATES	99	96	91

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

SPRING WHEAT
% EMERGED

	1985	1984	AVG.
IDAHO	78	72	86
MINN	88	82	83
MONT	90	80	70
N D	88	64	61
S DAK	100	87	93
5 STATES	90	74	72

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

COTTON
% PLANTED

	1985	1984	AVG.
ALA	100	98	98
ARIZ	99	100	99
ARK	97	94	93
CALIF	100	100	100
GA	95	87	91
LA	99	90	85
MISS	99	96	95
MO	98	95	92
N MEX	95	85	85
N C	100	92	94
OKLA	45	15	25
S C	100	94	100
TENN	95	90	85
TEX	63	48	56
14 STATES	79	70	73

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

State Summaries of Weather and Agriculture

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

ALABAMA: Rainfall 0.50 in. or less over north, central; 1.00 to 2.00 in. southeast, near coast. Temperatures 1 to 3° below normal.

Fieldwork 5.3 days. Soil moisture short to adequate statewide. Cotton planted 100%, 98% 1984, 98% avg. Peanuts planted 96%, 87% 1984. Sorghum planted 63%, 44% 1984, 43% avg. Soybeans planted 46%, 26% 1984, 43% avg. Wheat turning color 93%, 76% 1984. Wheat harvest 17%, 7% 1984. Corn silked 12%. Hay first cutting 37%, 28% 1984. Activities: Care of livestock, poultry; planting cotton, soybeans, peanuts, sorghum; crop cultivation; harvest of hay, wheat, fruit. Corn, cotton, peanuts, sorghum, soybeans, pastures, livestock fair to good. Wheat mostly fair. Pasture feed short to adequate, stored feed short.

ALASKA: Warm dry, weather covered most areas. Temperatures warmer than normal. Precipitation near normal. Warm temperatures in conjunction with light winds and sunshine helped dry fields considered too wet to work only week ago.

Some areas continued up to 20 days behind schedule. Railbelt wide, nearly 1.0 days suitable depending on field conditions. Topsoil moisture supplies ranged from short to surplus. Barley, oat seeding for grain ranged from up to 20% planted Tanana Valley to 75% complete, Matanuska Valley. Last year, seeding over 97% complete. Commercial potato planting 70% complete compared with nearing completion, year ago. Hayfields, pastures showed good prospects feed growth.

ARKANSAS: Temperatures below normal. Heavy rain at midweek across northern half. Lowest temperature 40°; highest 93°. Precipitation 0.03 in. to 3.60 in.

Soil moisture adequate. Days suitable for fieldwork 5.0. Major activities cutting hay, planting. Rice 86% planted, 84% 1984, 86% avg. Rice 72% emerged, 63% 1984, 69% avg. Cotton 97% planted, 94% 1984, 93% avg. Winter wheat 99% headed, 100% 1984. Sorghum 87% planted, 82% 1984, 79% avg. Soybeans 24% planted, 23% 1984, 19% avg.

ARIZONA: Mostly sunny skies prevailed over south, extreme west, partly cloudy with isolated light showers over remainder of State. Precipitation amounts ranged from traces to 0.02 in. Maximum temperatures reached mid 70's high country, mid 80's at 5,000 ft., upper 90's to 106° lower deserts. Averages varied from 2° below normal Douglas to 7° above Phoenix.

Barley harvest full swing. Wheat combining underway. Cotton 99% seeded, 100% 1984, 99% avg. Stands good condition; weed, insect problems minimal. Early seeded fields developing squares. Alfalfa stands good condition, harvest active, increased supplies caused grower prices to decline slightly. Good quality hay harvested. Central valley vegetable growers packed dry onions, green onions, squash, carrots, greens, cabbage, potatoes. Fresh, chipper potato digging reached peak levels. Small volumes of apricots, nectarines, peaches, plums packed; quality good. Lettuce harvest Willcox area increased. Watermelon harvest underway Yuma area. Some Valencia oranges picked. Grapefruit, lemon picking by demand only. Groves good condition.

CALIFORNIA: Average temperatures above normal throughout State except Santa Rosa, Santa Barbara 2° below normal. Most of State remained dry although a few northern mountain locations picked up light amounts of shower activity. Temperatures from a low of 26° Alturas to a high of 104° Blythe.

Small grains changed color rapidly. Barley harvest underway. Wheat will begin central valley first week of June. Wheat 100% headed, 100% 1984, 99% avg. Rice 93% planted, 90% 1984, 78% avg. Rice 65% emerged, 60% 1984, 46% avg. Cotton 100% planted, 100% 1984, 100% avg. Dry beans, corn, sugarbeets irrigated and planted. Alfalfa baled and green chopped. Apricots harvested, good fruit quality. Bing cherry harvest began. Applications for mildew and bunch rot of grapes. Kiwi bloom finished most areas. Peaches thinned, sprayed for Oriental Fruit Moth, early varieties packed. Grapefruit harvest continued. South coast lemon harvest behind schedule because of large early fruit crop. Valencia orange harvest continued with good quality, fruit size smaller. Irrigation, weed control continued almonds and walnuts. Artichokes moderate supply. Asparagus volume fairly heavy. Broccoli harvest fairly heavy central coast. Snap bean harvest active desert, south coast. Cantaloup harvest underway desert. Carrot harvest active desert, light other districts. Cauliflower fairly light supply central coast. Celery harvest active south coast very light Santa Maria. Sweet corn harvest increasing desert. Lettuce heavy supply central coast. Dry onion harvest increased. Spring potato harvest increased. Strawberry harvest full swing. Market tomato fields maturing desert, south coast. Processing tomato fields showing color desert. Lower elevation ranges, pastures dried by winds. Some grassphopper damage reported north central Foothill areas. Movement livestock to market, summer pastures combined peak levels about two weeks earlier than normal.

COLORADO: Typical summer weather prevailed over State with spotty, light afternoon showers. Instances of locally heavy thunderstorms, some hail. Temperatures averaged 1 to 3° below normal.

Showers limited producers to 4.0 days suitable for fieldwork. Corn planted 92%, 87% 1984, 84% avg. Winter wheat good to very good condition; 94% jointed and 56% headed; 1984 74% jointed and 5% headed; avg. 80% jointed and 20% headed. Planting of fall potatoes 80% complete; 88% 1984; 80% avg. Sorghum planted 45%; 22% 1984; 31% avg. Dry beans planted 36%; 12% 1984; 12% avg. Livestock good to very good condition; calving, lambing virtually completed.

FLORIDA: Soaking rains of 1.00 to 3.00 in. north on 20th. Scattered showers, thunderstorms entire State remainder of week. Rain amounts mostly under 1.00 in. except 1.00 to 3.00 in. lower east coast, Keys weekend.

Soil moisture short most areas; adequate south, few scattered northern areas. Non-irrigated corn shorter than normal, irrigated portion good condition. Peanut planting mostly complete. Soybean planting delayed by dry soils. Cotton planting completed, corn making good progress. Tobacco,

sugarcane progressing favorably. Wheat harvest active. Rains many areas very beneficial; pastures drier locations, particularly upper Peninsula, eastern Panhandle, need more time for recovery. Grazing continued mostly fair to good lower southern Peninsula, western Panhandle; elsewhere conditions vary from severely stressed to fair depending on moisture supplies. Condition of cattle good southern Peninsula, few areas extreme north; mostly fair elsewhere. Rain one or more days citrus areas. Some growers continued irrigating because of previous dryness. Harvest limited by rain. Valencia movement slowing. Grapefruit harvest very slow. Some fruit softening continued due to dryness, hot days. Warm nights prevailed vegetable areas. Scattered late afternoon thundershowers. Moderate to heavy rainfall early week. Some scattered hail few areas. Overall shipments declined 3% from previous week. Crops showing greatest seasonal decline: Snap beans, cabbage, celery, Chinese cabbage, cucumbers, eggplant, escarole, lettuce, peppers, radishes, squash, potatoes. Crops remaining steady: Carrots, sweet corn, tomatoes. Watermelon shipments increased. Most crops have past peak shipments, showing seasonal decline.

GEORGIA: Rainfall 1.00 to 2.00 in. northeast, southwest, portions central State, remainder of State 0.50 in. or less. Temperatures slightly cooler than normal. Maximum temperatures low to mid 90's central, south midweek. Much cooler late week, holiday weekend 25th, 26th overnight lows 40's mountains to mostly 50's elsewhere.

Soil moisture 2% very short, 43% short, 54% adequate, 1% surplus. Days suitable for fieldwork 5.0. Main activities: Planting; harvesting; applying herbicides, insecticides. Corn 27% silked, 6% 1984, 14% avg.; 1% very poor, 2% poor, 13% fair, 76% good, 8% excellent. Cotton 95% planted, 87% 1984, 91% avg.; 8% squaring, 2% 1984, 7% avg.; 2% poor, 22% fair, 72% good, 4% excellent. Grain sorghum 71% planted, 50% 1984, 49% avg.; 2% poor, 17% fair, 77% good, 4% excellent. Peanuts 97% planted, 93% 1984, 95% avg.; 6% blooming, 3% 1984, 7% avg.; none pegging, none 1984, none avg.; 2% poor, 11% fair, 80% good, 7% excellent. Soybeans 47% planted, 38% 1984, 47% avg.; 1% poor, 24% fair, 72% good, 3% excellent. Tobacco 5% poor, 18% fair, 73% good, 4% excellent. Watermelon 36% fair, 59% good, 5% excellent. Wheat 100% headed, 100% 1984; 21% harvested, 16% 1984, 17% avg.; 1% very poor, 9% poor, 45% fair, 43% good, 2% excellent. Rye 4% poor, 49% fair, 47% good. Other small grains 4% very poor, 9% poor, 44% fair, 42% good, 1% excellent. Apples 2% very poor, 12% poor, 32% fair, 49% good, 5% excellent. Peaches 7% harvested, 7% 1984, 7% avg.; 17% very poor, 19% poor, 35% fair, 27% good, 2% excellent. Pastures 2% very poor, 3% poor, 32% fair, 61% good, 2% excellent. Hay 1% very poor, 5% poor, 28% fair, 64% good, 2% excellent. Cattle 22% fair, 75% good, 3% excellent. Hogs 16% fair, 81% good, 3% excellent.

HAWAII: Cloudy skies, light to moderate showers, and unusually cool temperatures allowed agricultural crops to make fair progress. Showers mainly concentrated in second half of week and windward areas of most islands. Temperatures dropped into the low 60's midweek. Setting new daily low records at some stations. Farmers continued to maintain intensive spray programs to control insect and disease problems. Head cabbage production will increase next week while Head lettuce output will remain steady. Chinese cabbage production declining in response to market demands. Banana production will continue to be relatively light. Papaya production low with overcast skies and cool temperatures slowing fruit maturity.

IDAHO: Series of disturbances passed through State. Precipitation on light side; Reynolds Creek area received greatest amount 0.74 in. Only few locations above normal rainfall; most areas well below normal. Temperatures ranged 4 to 10° above normal, Orofino reported highest at 97° on 24th.

Days suitable for fieldwork 6.0. Spring wheat 96% seeded, 92% 1984, 94% avg.; 78% emerged, 72% 1984, 86% avg. Spring barley 94% seeded, 78% 1984, 86% avg.; 74% emerged, 53% 1984, 66% avg. Some spring barley freeze-out up north. Oats 85% seeded; 64% emerged. Sugarbeets 86% emerged, 95% 1984; 12% thinned. Corn 88% planted, 79% 1984, 80% avg. Dry peas 64% emerged. Lentils 77% emerged. Dry beans 18% planted, 26% 1984, 22% avg. Potatoes 74% planted, 72% 1984, 74% avg.; 24% emerged. Winter wheat 44% not yet jointed; 43% joint, but not yet boot; 13% boot and beyond. Grasshopper infestation moderate with some severe reports. Hops good to excellent. Movement to summer pastures; cattle 69%, sheep 66%. Livestock good. Pasture, range dry and short; recent scattered rains have helped.

ILLINOIS: Temperatures 1 to 3° above normal north, 1 to 3° below normal south. Precipitation heavy extreme north and south, ranging from none to 2.46 in.

Days suitable for fieldwork 5.8. Soil moisture 32% short, 55% adequate, 13% surplus. Corn planting 96% complete, 84% 1984, 88% avg.; height of all fields 7 in. none 1984, 1 avg.; height of most advanced fields 13 in., none 1984, 3 in. avg.; condition 11% fair, 77% good, 12% excellent; 88% of full stand; 3% replanted. Soybeans planted 75%, 39% 1984, 49% avg. Winter wheat headed 95%, 43% 1984, 70% avg.; filled 40%, 5% 1984, 22% avg.; condition 1% poor, 21% fair, 68% good, 10% excellent. Oats headed 18%, none 1984, 5% avg.; condition 19% fair, 77% good, 4% excellent. Alfalfa first crop cut 48%, 12% 1984, 17% avg.; condition 5% fair, 73% good, 22% excellent. Clover hay cut 26%, 6% 1984, 10% avg.; condition 3% fair, 76% good, 21% excellent. Sorghum grain planted 35%, 10% 1984, 21% avg. Pasture 14% fair, 68% good, 18% excellent.

INDIANA: Temperatures ranged from 3 to 4° warmer than normal north to 1 to 3° below normal far southern sections. Four inch bare soil temperatures upper 60's. Precipitation widespread as incoming totals averaged 0.17 in., some sections remained dry.

Fieldwork averaged 4.7 days. Topsoil moisture 39% short, 44% adequate, 17% surplus. Subsoil moisture 25% short, 66% adequate, 9% surplus. Spring cropland 98% tilled, 10% 1984. Corn 97% planted, 77% 1984, 75% avg. Corn 45% emerged, 50% 1984, 60% avg. Soybeans 65% planted, 30% 1984, 45% avg. Soybeans 45% emerged, 20% 1984, 25% avg. Wheat condition 5% poor, 32% fair, 55% good, 8% excellent. Wheat 90% headed, 25% 1984, 50% avg. Wheat height 27 in., 18 in. 1984, 24 in. avg. Alfalfa 45% cut once, 10% 1984, 15% avg. Clover hay 20% cut, 5% 1984, 8% avg. Oats 12 in. tall, 6 in. 1984, 8 in. avg. Tobacco plants 15% set, 7% 1984, 10% avg. Rye 100% headed, 70% 1984, 65% avg. Pastures fair to mostly good.

IOWA: Warm, dry week.

Topsoil moisture 40% short, 58% adequate, 2% surplus. Subsoil moisture 14% short, 83% adequate, 3% surplus. Days suitable for

fieldwork 6.0. Corn acreage planted 100%, 91% 1984, 88% avg. Corn acreage emerged 95%, 64% 1984, 69% avg. Corn acreage cultivated 10%. Soybean 85% planted, 47% 1984, 54% avg. Soybean acreage emerged 30%, 1% avg. First crop alfalfa hay harvested 20%. Winter wheat condition 4% poor to very poor, 13% fair, 64% good, 19% excellent. Hay acres 5% poor to very poor, 13% fair, 59% good, 23% excellent. Oats 7% poor to very poor, 10% fair, 58% good, 25% excellent. Corn acreage 4% poor to very poor, 6% fair, 60% good, 30% excellent. Pasture conditions 7% very poor to poor, 20% fair, 54% good, 19% excellent. Livestock very good condition.

KANSAS: Precipitation averaged 0.10 in. south central, north central, northeast; 0.30 to 0.70 in. elsewhere, accompanied by scattered hail. Temperatures averaged 66° northwest, 71° south central, ranging 2 to 5° above normal.

Days suitable for fieldwork 5.0. Wheat excellent growth, far ahead of schedule; heading 100%, 50% 1984, 65% avg.; turning color 4%, none 1984, 2% avg. Corn planting made good progress aided by warm, open weather; planting 95% completed, 75% 1984, 75% avg. Sorghum planting good progress except central areas near standstill; acreage planted 30%, 10% 1984, 15% avg. Soybean planting 30%, 20% 1984, 15% avg. First cutting alfalfa hay moving ahead rapidly with some rain delays. Range, pasture conditions excellent; furnishing lush grazing.

KENTUCKY: Week began dry with mild temperatures followed by several days of damp, cool weather. By weekend warm, dry weather returned. Temperatures averaged between 2 to 6° below normal. Highs reached upper 70's to lower 80's, while lows dipped into upper 40's lower 50's. Most of State received good soaking rain with weekly totals generally over 1.00 in. Heaviest rain west with over 2.00 in., scattered locations east reported totals in excess of 2.00 in.

Soil moisture 8% short, 64% adequate, 28% surplus. Days suitable for fieldwork 3.0. Corn 90% planted, 65% 1984, 73% avg.; good condition but some replanting necessary due to rain, worm damage. Burley tobacco 47% set, 6% 1984, 14% avg.; earliest on record. Dark types 32% set, 5% 1984. Soybean 24% planted, 10% 1984, 21% avg. Wheat fair to mostly good. Rust severe some areas. Barley harvest underway. Haying active as weather permitted.

LOUISIANA: Rainfall ranged from 0.35 to 3.03 in. Average temperatures ranged from 2 to 4° below normal. High 91°, low 52°.

Soil moisture conditions either short to adequate or adequate statewide, except surplus in southwest. Days suitable for fieldwork 4.3. Activities included harvesting hay, peaches, wheat; fertilizing pastures; planting sorghum, soybeans, sweetpotatoes. Spring plowing 99% complete, 96% 1984, 96% avg. Corn good condition; 22% silked, 6% 1984, 16% avg. Rice good condition; 99% planted, 94% 1984, 93% avg. Rice 96% emerged, 89% 1984, 88% avg. Sorghum fair to good condition; 98% planted, 90% 1984, 73% avg. Sorghum 93% emerged, 85% 1984, 68% avg. Cotton good condition; 99% planted, 98% 1984, 85% avg. Cotton 95% emerged, 83% 1984, 75% avg. Winter wheat fair to good condition; 99% turning color, 95% 1984, 91% avg. Wheat 26% harvested, 23% 1984, 24% avg. Soybeans fair to good condition; 58% planted, 45% 1984, 34% avg. Soybeans 45% emerged, 30% 1984, 23% avg. Sweetpotatoes good condition; 73% planted, 51% 1984, 58% avg. Hay first cutting 59% complete, 44% 1984, 42% avg. Peaches fair to good condition; 4% harvested, 1% 1984, 3% avg. Livestock good condition. Pastures, sugarcane, vegetables fair to good condition. Spring vegetable harvest continued.

MARYLAND & DELAWARE: Maryland: Near normal temperatures with much needed rain over entire State. High temperatures mostly in mid 80's, lows mostly in mid to upper 40's. Precipitation averaged 1.43 in.

Fieldwork 4.3 days. Topsoil, subsoil moisture adequate except on lower shore, subsoil moisture remained short. Small grains fair to good condition. Oats 45% headed, 50% 1984, 45% avg. Wheat 100% headed 2 weeks ahead of normal, 60% 1984, 85% avg. Barley 50% turned, 15% 1984, 40% avg. Wheat 20% turned, none 1984, 15% avg. Oats 15% turned, 5% 1984, 10% avg. Rye turned 25%, 20% 1984, 30% avg. Corn 95% planted 2 weeks ahead of normal pace, 80% 1984, 85% avg. Soybeans 20% planted, 15% 1984, 20% avg. Tobacco 40% transplanted, 20% 1984, 20% avg. Vegetable planting nearing completion for snap beans, sweet corn, watermelon; nearly 90% for the other spring planted vegetable crops. Alfalfa hay first cutting 70% complete, over 2 weeks ahead of 1984. Last year first cutting of alfalfa hay 25%, 45% avg. Other hay 50% cut once, two weeks ahead of 1984; last year 20% cut once, 30% avg. other hay cut once.

Delaware: Near normal temperatures; 1.42 in. rain average. High temperatures mid 80's, lows upper 40's.

Days suitable for fieldwork 5.0. Topsoil moisture supply adequate, subsoil moisture short. Field corn a few fields to be planted; last year 80% planted, 90% avg. Soybeans 35% planted, 25% 1984, 30% avg. Vegetable planting ahead of last year's pace. Alfalfa hay nearly all cut once, other hay 80% cut once.

MICHIGAN: Temperatures averaged 1° below normal after 6 consecutive weeks of above normal temperatures. Moderate precipitation northern sections of lower Peninsula. Light amounts remainder State.

Spring planting, fieldwork active. Memorial day weekend rains beneficial. Corn 98% planted, 85% 1984, 79% avg. Soybeans 60% planted, 25% 1984, 34% avg. Winter wheat 20% headed, 1% 1984, 3% avg. Haying active southern counties. Fruit prospects very good across State. Vegetable planting high gear. Asparagus harvest 80% complete. Strawberry harvest underway southern counties.

MINNESOTA: Cold Canadian high pressure brought some below freezing temperatures, north early week. Low pressure disturbances brought clouds, showers, late week. Temperatures averaged 1 to 3° above normal. Low: 29; high: 91°. Precipitation averaged 0.23 to 0.77 in. below normal. Greatest weekly total 0.81 in. Most areas: Fieldwork active; crop growth steady; few weed problems. Northwest: Some wet areas, couldn't work; much replanting where crusting, compaction damage from heavy rains. Haymaking began under good conditions.

Days suitable for fieldwork 5.2. Topsoil moisture: 1% very short, 16% short, 76% adequate, 7% surplus. Field corn 93% planted, 86% 1984, 85% avg.; emerged 76%, 33% 1984, 45% avg. Soybeans 72% planted, 52% 1984, 55% avg.; emerged 24%, 6% 1984, 12% avg. Spring wheat: 97% planted, 97% 1984, 95% avg.; emerged 88%, 82% 1984, 83% avg. Oats 91% emerged, 87% 1984, 88% avg. Barley 97% planted, 96% 1984, 92% avg. Sunflowers 51% planted, 60% 1984, 58% avg. Potatoes planted 79%, 75% 1984, 69% avg.

MISSISSIPPI: Temperatures averaged about 2° below normal. Extremes 44°; 92°. Greatest 24-hour rainfall 2.45 in.

Soil moisture adequate. Fieldwork: 4.5 days suitable, 4.6 1984, 3.8 avg. Wheat fair; 100% heading, 100% 1984, 100% avg.; 28% ripe, 24% 1984, 34% avg.; 3% harvesting, 2% 1984, 4% avg. Corn good; 100% planted, 98% 1984, 95% avg.; 88% up to stand, 83% 1984, 83% avg. Rice good to fair; 100% planted, 91% 1984, 93% avg.; 92% up to stand, 71% 1984, 73% avg. Cotton fair; 99% planted, 96% 1984, 95% avg.; 89% up to stand, 74% 1984, 74% avg. Soybeans fair; 48% planted, 32% 1984, 33% avg.; 23% up to stand, 12% 1984. Sorghum 79% planted, 73% 1984, 54% avg. Peanuts 68% planted, 66% 1984, 68% avg. Watermelons 86% planted, 88% 1984, 88% avg. Sweetpotatoes 53% planted, 44% 1984, 48% avg. Hay 42% harvested, 17% 1984. Pastures good to fair. Peaches fair to poor.

MISSOURI: Temperatures averaged near normal. No precipitation northern half, southern half averaged 1.00 in., just over 2.00 in. Bootheel.

Days suitable for fieldwork 4.8. Topsoil moisture 7% short, 76% adequate, 17% surplus. Corn 96% planted, 69% 1984, 77% avg. Soybeans 58% planted, 20% 1984, 28% avg. Grain sorghum 62% planted, 44% 1984, 44% avg. Cotton 98% planted, 95% 1984, 92% avg. Winter wheat 99% headed, 55% 1984, 70% avg. Winter wheat condition 8% poor, 45% fair, 45% good, 2% excellent.

MONTANA: Much needed, significant rain over most of western half State late in week. Amounts ranged from around 0.33 in. to slightly over 1.00 in. East half remained mostly dry. Temperatures continued very warm, 8 to 12° above normal. Highs upper 80's, and lower 90's.

Moisture supplies short. Days suitable for fieldwork 6.6. Winter wheat poor to fair. Spring wheat, sugarbeet condition fair. Barley, oats mostly fair. Winter wheat 90% preboot, 10% boot. Potatoes planted 60%, 60% 1984, 55% avg. Dry beans planted 90%, 70% 1984, 60% avg. Corn planted 85%, 85% 1984, 75% avg. Spring wheat emerged 90%, 80% 1984, 70% avg. Barley emerged 90%, 95% 1984, 95% avg. Oats emerged 85%, 90% 1984, 85% avg. About 70% livestock moved to summer ranges. Pastures, range condition mostly poor.

NEBRASKA: Temperatures 3 to 4° above normal across State. Precipitation averaged between 0.10 to 0.20 in. with some heavier showers east.

Topsoil moisture 10% short, 88% adequate, 2% surplus. Subsoil moisture 12% short, 83% adequate, 5% surplus. Days suitable for fieldwork 6.0. Corn planted 98% 1984, 75% avg.; corn emerged 65%, 35% 1984, 45% avg. Sorghum planted 65%, 15% 1984, 25% avg. Sorghum emerged 25%, none 1984, 6% avg. Soybeans planted 55%, 10% 1984, 30% avg. Soybeans emerged 20%, 3% 1984, 6% avg. First cutting alfalfa 20%, none 1984, 8% avg. Alfalfa mostly good. Wheat condition 1% poor, 12% fair, 78% good, 9% excellent. Wheat headed 65%, 2% 1984, 30% avg.

NEVADA: Above normal temperatures, gusty winds, scattered thunderstorms. Lightning ignited wildfires west, north that consumed several thousand acres grassland, sagebrush. Heaviest precipitation central area. Far western and southern sections mostly windy, warm dry. Potato planting completed. Warm weather favorable for potatoes, small grain emergence, growth. Calving, lambing complete.

NEW ENGLAND: Precipitation between 1.00 to 2.00 in. over central Massachusetts, extreme western Connecticut. Amounts result of thunderstorm activity early week. Precipitation across remainder of region averaged less than 0.25 in. with isolated higher amounts. Average temperatures ranged from the mid 50's near Canadian border to mid 60's over southern interior sections.

Soil moisture short to adequate. Days suitable for fieldwork 6.0, progress 4 days ahead of schedule. Grazing availability adequate to short. Maine potatoes 60% planted, on schedule with last year and normal. Maine oats 60% sown; 55% 1984. Rhode Island potatoes 95% planted, 60% emerged. Field corn 75% planted, 45% 1984, 60% avg.; emergence 30% regionwide. First cutting hay underway, light crop anticipated due to dry conditions. Shade tobacco 85% transplanted, outdoor tobacco 20% transplanted. Apples full bloom to petal fall, some freeze damage to early varieties. Wild blueberry bloom, 25% to 75% north to south.

NEW JERSEY: Temperatures averaged 1 to 2° above normal. Extremes: 37°; 88°. Weekly rainfall averaged 0.64 in. north, 0.88 in. central, 1.46 in. south. Heaviest 24-hour total 1.63 on 21st to 22nd. Estimated soil moisture, in percent of field capacity, averaged 90% north, 80% central, 87% south. Four inch soil temperatures averaged 62° north, 64° central, 65° south.

Timely showers continued to maintain good crop progress. Iceberg lettuce harvest increasing; Big Boston, Bibb, Romaine, Leaf lettuce moving moderate to good volume. Escarole, endive marketings moderate. Cabbage harvest beginning. All types of greens, radishes, spinach, beets, green squash, peas, green onions in moderate to good volume. Strawberry harvest moderate. Peaches, apples, blueberries sizing. Soybean planting active. Fall sown grains maturing. Pasture, hay growth good.

NEW MEXICO: Average temperatures 2 to 5° below normal. Minimum temperatures: 29° northern Plateau, western mountians. Maximum temperatures; 98° southeastern Plains. Widespread thundershowers activity over north, east. Precipitation from none to 2.31 in.

Soil moisture very short to surplus, mostly adequate. Hail damage none to severe, wind damage none to light. Alfalfa hay good to excellent - first cutting continued. Cotton 95% planted, 85% 1984, 85% avg. Cotton fair to good - over 85% acceptable stands. Corn good to excellent - planting continued over 95% acceptable stands. Barley good to excellent - over 95% heading, over 60% coloring. Irrigated, dryland wheat good to excellent - 90% heading, 30% coloring. Irrigated, dryland grain sorghum good - around 35% planted. Pecans good to excellent - generally better than average nut set. Apples fair to good - average fruit set. Chile good. Lettuce good - over 70% harvested. Onions good to excellent. Cattle, sheep generally good. Range fair to excellent, mostly good.

NEW YORK : Major disturbance left up to 3 in. of rain mid Hudson Valley 18th, after that pretty dry week. Temperatures averaged around seasonable normal.

Soil moisture mostly short across State. Excellent spring weather allowed planting of corn, oats to continue. Corn planting 77% complete, 25% 1984, 57% avg. Oat crop virtually all planted, 26% 1984, 69% avg. This compares with 26%. Alfalfa weevil problem over most of State. Powdery mildew reported in many wheat areas. Dry bean planting just began. Pasture range from fair to good.

NORTH CAROLINA: Temperatures ranged from normal to slightly above along the coast. Precipitation ranged from none to 2.05 in. across State.

Soil moisture 9% very short, 36% short, 48% adequate, 7% surplus. Days suitable for fieldwork 4.9. Condition: Pasture 16% poor, 55% fair, 28% good, 1% excellent. Wheat 42% poor, 48% fair, 10% good. Oats 44% poor, 49% fair, 7% good. Barley 40% poor, 52% fair, 8% good. Rye 35% poor, 49% fair, 16% good. Tobacco beds 20% poor, 39% fair, 41% good. Irish potatoes 32% fair, 61% good, 7% excellent. Tobacco in field 1% poor, 56% fair, 41% good, 2% excellent. Corn 1% poor, 31% fair, 55% good, 13% excellent. Cotton 50% fair, 50% good. Plantings: Corn 100%, 95% 1984, 99% avg. Cotton 100%, 92% 1984, 94% avg. Peanuts 100%, 89% 1984, 88% avg. Sorghum 57%, 46% 1984, 52% avg. Soybeans 39%, 24% 1984, 42% avg. Flue-cured tobacco 98%, 92% 1984, 92% avg. Sweetpotatoes 50%, 25% 1984, 27% avg. Major farm activities: Setting and resetting tobacco, planting soybeans and sorghum, spraying insecticides, cutting hay, cultivating tobacco and corn, planting sweetpotatoes and peanuts.

NORTH DAKOTA: Warm, dry across State. Temperatures averaged from 3 to 9° above normal. Southwestern district warmest while northeastern district was the coolest. Extremes ranged from 29° at Penbina; 92° at Warford City, Dickinson. Eight stations reported no measureable moisture and majority of stations reported less than 0.10 in. of rain. Taylor received 0.33 in., greatest amount reported in State.

Topsoil moisture supplies slightly above normal - subsoil near normal. Topsoil supplies 34% short or very short, 66% adequate. Subsoil supplies 40% short or very short, 60% adequate. Fieldwork 6.8 days suitable. Small grain seeding vitrually complete with progress of all crops earliest since 1963. Hard red spring wheat 99% seeded, 95% 1984, 87% avg.; durum 97% seeded, 91% 1984, 83% avg.; barley seeded, 91% 1984, 88% avg. Row crops planting well ahead of normal for all crops. Potatoes 92% planted, 86% 1984, 78% avg.; sunflower 53% planted, 39% 1984, 36% avg.; dry edible beans 72% planted, 48% 1984, 48% avg. Emergence of small grains ranged from 96% for barley to 83% for durum, with all crops well ahead of normal. Hard red spring wheat rated 24% fair, 60% good, 16% very good. Other small grains showed similar conditions except winter wheat, which rated lower with 79% poor, 39% fair, 54% good. Pastures supplying 93% of livestock roughage.

OHIO: Temperatures averaged slightly above normal north central, elsewhere 1 to 3° below normal. Temperatures extremes morning lows in 30's on 23rd upper 80's north on 26th. Precipitation widespread, totals heavy north central, southern border. Elsewhere totals averaged 0.10 to 0.33 in.

Soil moisture 12% short, 66% adequate, 22% surplus. Fieldwork: 3.5 days suitable. Rain, wet soils limited fieldwork early week, especially southwest. Extreme north soils dry. Corn planting 98% complete, 65% 1984, 70% avg.; 85% emerged. Soybean planting 75% complete, 25% 1984, 40% avg.; 45% emerged. Corn good, soybean fair to good. Cool weather slowing growth. Winter wheat 75% headed, 5% 1984, 20% avg.; condition good. Oats fair to good. Alfalfa first cut 35% complete, 2% 1984, 10% avg. Other hay 20% cut, none 1984, none avg. Both types 12 days ahead of normal. Strawberry picking early season vegetable harvest continued.

OKLAHOMA: Temperatures averaged normal northeast to 3° below normal Panhandle, southeast. Precipitation averaged 0.10 in. north central to 2.22 in., southeast.

Warm weather helped wheat progress; harvest began south about 1% harvested. Diseases, weeds plauge west. Wheat headed; 100%, 95% 1984, 95% avg. Row crops up to stand mostly good condition. Greenbugs appearing corn, sorghum northwest. Sorghum planted 35%, 25% 1984, 30% avg. Cotton planted 45%, 15% 1984, 25% avg. Pastures, livestock good condition. No short forage supplies reported.

OREGON: Dry, warm week. Near normal daytime highs, nighttime lows. Averaged weekly temperatures 5° above normal most areas. Northeast average temperature 8° above normal. Isolated thundershowers near Burns, Enterprise beginning week left up to 0.40 in. precipitation. Coastal areas received up to 0.10 in. Remainder of State received only traces. Soil moisture short. Winter wheat condition fair to good; 27% headed, 26% 1984, 40% avg. Barley 99% seeded, drought stress widespread in north central region, beginning to show Willamette Valley. Hay, silage, green chop cut west, early areas of east. Some grass seed fields Willamette Valley irrigated. All field crops central areas doing well with irrigation. Strawberries, caneberries show a good crop despite frosts, some fields being irrigated. Willamette Valley: Cherry set 80% of normal, affected by cold nights; peach set heavy. Cranberry growers applying fireworm control, bogs sprinkled for frost. Southwest fruit development looks good. Apple, pear crops Hood River Valley about like last year. Milton-Freewater area apple crop sizing well. Vegetable crop progress in west about normal, much irrigation. Potato planting near completion Willamette Valley, Hermiston-Boardman areas; planting in full swing in central region; planting 90% complete Klamath County; 90% emerged Malheur County. Milton-Freewater, snap bean seeding full swing; green peas beginning to show drought stress. Malheur County sugarbeets mostly thinned; sweet corn planting almost finished; onions good stands. Pastures, ranges much drier than normal, except at coast and northeast. Eastern ranges 2 to 3 weeks ahead of normal, cattle being moved to higher elevation rangeland. Western pastures drying rapidly, irrigation common where water available. Livestock good to excellent condition.

PENNSYLVANIA: Average rainfall 0.30 to 0.53 in. below normal with much of western, northern tier counties receiving very little. Temperature averaged 60°, 2° below normal. Highest temperatures 88° at Blairsville on 25th. Lowest 32° at Wellsboro on 19th.

Days suitable: 5.0. Moisture adequate to short. Activities: Planting corn, potatoes, soybeans, spraying oats, corn; harvesting hay, haylage. Spring plowing 97% complete, 76% 1984, 87% avg. Corn 87% planted, 49% 1984, 64% avg. Soybeans 49% planted, 18% 1984, 29% avg. Alfalfa stands mostly good to fair. Clo-tim stands mostly good to fair. Feed from pastures mostly average.

PUERTO RICO: Island average rainfall 5.15 in., 3.63 in. above normal. Highest weekly total 17.29 in. Highest 24-hour total 14.20 in. Temperature averaged about 77 to 78° on coasts, 73° interior divisions. Mean station temperatures ranged from 65 to 80°. Extermes 53°; 91°. Total rainfall 0.88 in. minus 0.45 in.

SOUTH CAROLINA: Needed rains midweek over State. Some heavy wind, hail reported. Temperatures averaged warmer than usual early week, cooler than normal mid to late week.

Soil moisture short. Days available for field activities: 5.3. Soybean fair to good; 26% planted, 25% 1984, 34% avg. Corn fair to good. Cotton fair to good; 100% planted, 94% 1984, 100% avg. Tobacco condition fair to good. Peach condition continued poor to fair: 2% harvested. Tomato fair to good. Watermelons, cantaloups fair to good. Sweetpotatoes fair to good; 43% planted, 43% 1984, 44% avg. Pastures fair. Rye, wheat, barley fair, oats poor to fair. Scattered rains brought some relief, more rains needed.

SOUTH DAKOTA: Average temperatures 1 to 10o above normal. Extremes: 25o; 98o. Outside Black Hills low 30o. Rainfall below normal over most of State.

Days suitable for fieldwork; 6.0. Topsoil moisture critically short, short across most of western two-thirds of State, adequate eastern one-third. Range, pastures poor to fair west central and southwest, good condition eastern one-third, fair across remainder of State. Livestock good. Feed supplies becoming short western one-third adequate elsewhere. Crop conditions deteriorating west. Winter wheat, rye heading prematurely 6 to 10 in. tall. Corn planted 92%, 63% 1984, 70% avg. Spring wheat planted 100%, 99% 1984, 99% avg. Spring wheat emerged 100%, 87% 1984, 93% avg. Winter wheat headed 33%, 2% 1984, 15% avg. Sorghum planted 45%, 15% 1984, 23% avg. Soybeans planted 59%, 19% 1984, 46% avg.

TENNESSEE: Slow moving cold front produced rainfall statewide. Parts of west received in excess of 2.00 in., totals elsewhere generally less than 1.00 in. Average temperatures 1 to 2o below normal.

Soil moisture levels: 32% short, 50% adequate, 18% surplus. Farmers averaged 4.0 days suitable for fieldwork. Corn planted 95%, 75% 1984, 80% avg. Cotton planted 95%, 90% 1984, 85% avg. Soybeans planted 25%, 20% 1984, 20% avg. Sorghum 55% planted. Tobacco transplanted 65%, 25% 1984, 35% avg. Wheat headed 100%, 90% 1984, 95% avg.; turning color 50%; ripe 4%, none 1984, none avg. Alfalfa 1st cutting 85%, 70% 1984, 65% avg.

TEXAS: Series upper level disturbances moved through producing showers, thunderstorms across widespread sections of State. Decrease precipitation later part week, ridge high pressure settled over most of State. Temperatures averaged 3o below normal Low Plains, East, near normal rest of State. Rainfall 0.50 in. or more above normal High Plains, Low Plains Blacklands, Trans-Pecos, Upper Coast. Cross Timbers rainfall nearly 0.25 in. above normal, near normal, amounts elsewhere.

Crops: Grain sorghum good progress with moisture. Planting delayed High Plains because wet ground. Scattered areas Edward's Plateau, Upper Coast need additional rain. Fields heading Coastal Bend, Rio Grande Valley. Scattered fields started heading south central. Cultivating completed most fields before rain interruped fieldwork. Corn good growth, many producers looking for best crop in year, weather permitting. Fields as far north as Northern Blacklands started tasselling. Some minor earworm problems scattered areas. Some wind damage Rio Grande Valley, but crop remainded good. Current statewide condition 91% of normal, compared with 66% a year ago. Irrigated cotton good stands most areas Plains. Hail damage many fields, replanting necessary. Planting dryland fields pick up as soon as soil conditions dry enough following recent rainfall. Planting slow Low Plains, Cross Timbers. Some replanting necessary because heavy rains. Spraying for thrips continued Blacklands. Fields started squaring this area, crop in good condition. Excess rains slowed growth Coastal Bend. Insect control continued Rio Grande Valley, where boll setting continued. Small grains good progress Plains, despite rust, hail damage. Lodging resulted from hail, high winds. Dryland wheat maturing rapidly. Harvest continued Blacklands, as field conditions permitted. Yields varied from fair to good. Harvesting continued central, south Texas between showers. Some lodging from wind, hail. Oat harvesting started scattered areas. Most harvesting operations should start within couple of weeks. Statewide wheat condition rated at 81% of normal, compared with 56% 1984. Reported conditions 2% poor, 34% fair, 53% good, 11% excellent. Rice emerging well most fields Upper Coast. Watering heavy to ensure good emergence. Warmer days, nights prompted good growth. Early peanut planting nearly complete Plains, earliest planted fields off to good start. Increased planting begin other areas as soil drys out. Corn planted 100, 100% 1984, 99% avg.; silked 21%; dough 5%. Cotton planted 63%, 48% 1984, 56% avg.; squaring 6%, 8% 1984, 10% avg.; setting bolls 1%, 1% 1984, 2% avg. Rice planted 98%, 100% 1984, 99% avg.; emerged 88%, 97% 1983, 95% avg. Sorghum planted all purposes 78%, 73% 1984, 77% avg.; headed 13%, 27% 1984, 20% avg.; turning color 2%, 4% 1984, 3% avg. Wheat headed 97%, 88% 1984, 90% avg.; turning color 56%, 51% 1984, 44% avg.; harvested for grain 6%, 14% 1984, 5% avg. Oats harvested for grain 9%, 25% 1984, 17% avg. Peanuts planted 30%, 30% 1984, 24% avg. Soybeans planted 24%, 31% 1984, 20% avg. Sunflowers planted 21%, 32% 1984, 34% avg.

Commercial Vegetables: Rio Grande Valley, melon harvest peaked out, despite wet ground. Harvest cucumbers slowed. Tomatoes, peppers good progress. Light supplies sweet corn, okra, squash available. San Antonio-Winter Garden, melons good set, harvest started small basis. Onions, potato harvest continued. Some replanting vegetables maybe necessary because hail damage. East, harvesting beans, squash continued. Tomatoes, peppers good progress. Transplanting sweetpotatoes nearly complete. High Plains, potatoes good progress. Onions showing good recovery from weak transplants. Irrigation stopped because rain, land preparaton slowed because wet ground. Early peach varieties picked east central. Good sizes reported. Producers continued spray for insects. Some hail damage Plains. Pecan producers began spraying casebearers many areas. Populations high in untreated groves. Good progress most areas.

Range and Livestock: Range, pasture conditions improvement additional moisture. Weeds still problem many areas. Haying operations continued where weather permitted. Livestock conditions good with good weight gains. Fly problems present some areas. Stock tank water levels good.

UTAH: Thunderstorm, shower activtiy produced light accumulations over State except light to moderate southeast. Temperatures averaged 2o above normal, ranging 4 below to 6o above.

Days suitable for fieldwork 6.0. Soil moisture mostly adequate with some north central, northwest areas dry. Small grain seeding nearly complete. Corn planting 83% complete, 58% emerged; potato planting 78%

complete. Grasshoppers becoming serious problem northwest. West central areas have potentially serious populations, spraying underway. First cutting alfalfa just beginning except extreme southwest virtually complete. Winter wheat beginning to head southern areas. Fruit set variable. Pears, apples, tart cherries generally good, other crops average to fair. Range feed good; livestock good condition.

VIRGINIA: Good soaking rain 23rd, 24th finally relieved majority of State from severe drought. Precipitation averages ranged from 0.14 in. to 5.17 in. Peroid started cloudy with light scattered rain, then became sunny before intermittent showers 23rd, 24th. Period ended with ample sunshine, warm temperatures.

Topsoil moisture 20% short, 62% adequate, 18% surplus. Days suitable for fieldwork averaged 2.8. Corn planting 92% complete, 87% 1983, 89% avg. Corn conditions improving, rated good. Many uneven stands due to poor germination. Stands estimated 86% full. Soybean planting 34% complete, 29% 1984, 35% avg. Recent moisture should allow excellent gernimation. Peanut planing 98% complete, 98% 1984, 98% avg.; stands estimated 98% full. Flue-cured tobacco transplanting 79% complete, 37% 1983, 45% avg. Burley tobacco transplanting 34% complete, 7% 1984, 31% avg. Tobacco developing normally. Small grains remain mostly poor. Wheat acreage imporving slightly with recent rain. Some acreage may be killed early or cut for hay due to dry condition. Harvest of early Barley varieties beginning. Expect all grains to mature early this year. Pasture, hay land rated poor to fair. Recent rain will boost conditions, previously very poor. First cutting hay yields very poor. Livestock good to excellent condition.

WASHINGTON: Week began with large, stationary low pressure system off coast and off-shore air flow over State. Little precipitation statewide.

Spring seeding vitually complete. Little disease problem exist small grain though continued dry conditions stressed crops. Demand for irrigation water very heavy. Haying, green chopping well underway. Berry crops full bloom, cover sprays to control codling moth applied to fruit trees. Summer vegetable seeding well underway. Ranges dry. Concern for adequate forage later in season increasing.

WEST VIRGINIA: Temperatures averaged from 1o above normal northeast, 4o below normal west. Low 32o Greenbank, high 88o Romney. Statewide average temperatures 62o. Precipitation well above normal south, near normal north. Most rainfall Beckley 4.16 in., least Wheeling 0.22 in. State average precipitation 1.16 in.

Soil moisture adequate. Days suitable for fieldwork 2.6. Haying, planting corn, gardening. Feed supplies adequate.

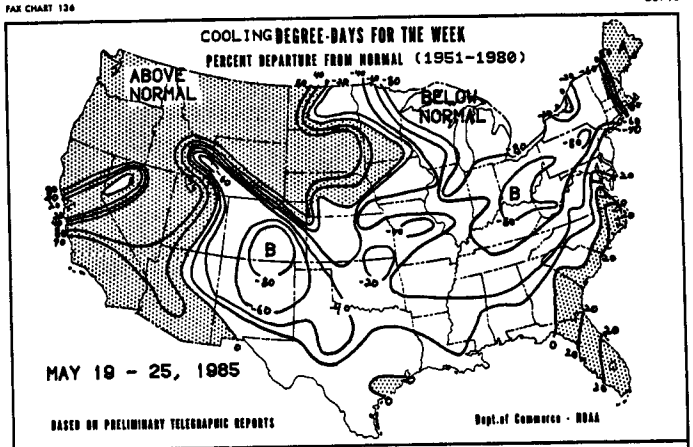
WISCONSIN: Average temperatures near normal. Cool night temperatures with scattered frost north on 21st, 22nd. Crop damage insignificant. Showers beginning, end of week, fair midweek. Precipitation north 0.90 in. to 1.50 in., central 0.30 in., south 0.20 in. to 0.80 in.

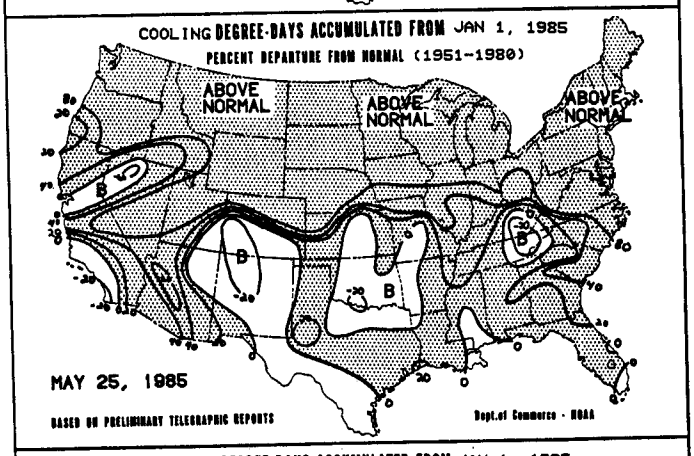
Soil moisture: 39% short, 59% adequate, 2% surplus, drier areas south. Days suitable for fieldwork 6.4. Spring plowing 95% complete, 80% 1984, 89% avg. Corn planted 90% complete, 74% 1984, 78% avg. Soybeans planted 62% complete, 28% 1984, 43% avg. First cutting hay 9% complete, none 1984, 2% avg., weevils very common. Winter wheat good to excellent, heading in south. Peas good to excellent, blooming in south.

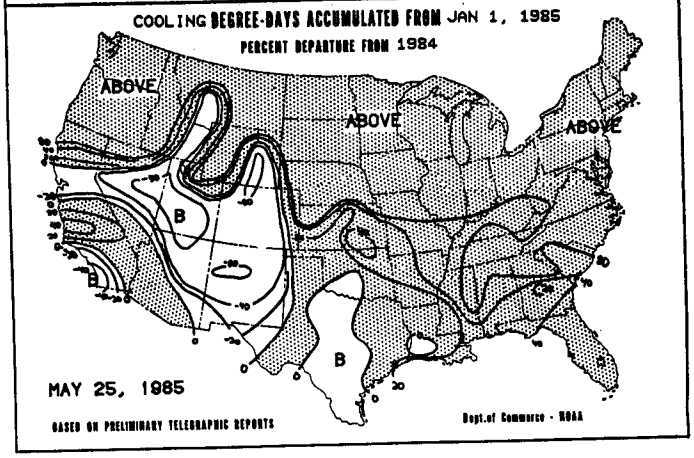
WYOMING: Temperatures well above noraml over most of State. Precipitation generally below normal.

Topsoil moisture short 70% State. Subsoil moisture short 62% State. Days suitable for fieldwork 6.0. Spring wheat mostly seeded, 75% 1984, 80% avg. Spring wheat 85% emerged, 50% 1984, 60% avg. Oats 90% seeded, 80% 1984, 75% avg. Oats 75% emerged, 50% 1984, 50% avg. Barley 95% seeded, 85% 1984, 85% avg.; barley 85% emerged, 75% 1984, 70% avg. Corn 90% planted, 80% 1984, 60% avg.; corn 60% emerged, 35% 1984, 20% avg. Dry beans 25% planted, 35% 1984, 15% avg. Potatoes 95% planted, 45% 1984, 35% avg. Potatoes 60% emerged. Sugarbeets 90% emerged, 75% 1984, 65% avg.; thinning started. Winter wheat mostly fair condition, additional moisture needed. Grasshoppers starting to hatch. Livestock mostly good condition. Calf, lamb losses mostly light. Ranges, pastures mostly fair. Branding, docking sheep, moving livestock to summer pastures underway.

FAX CHART 136 OCT 73

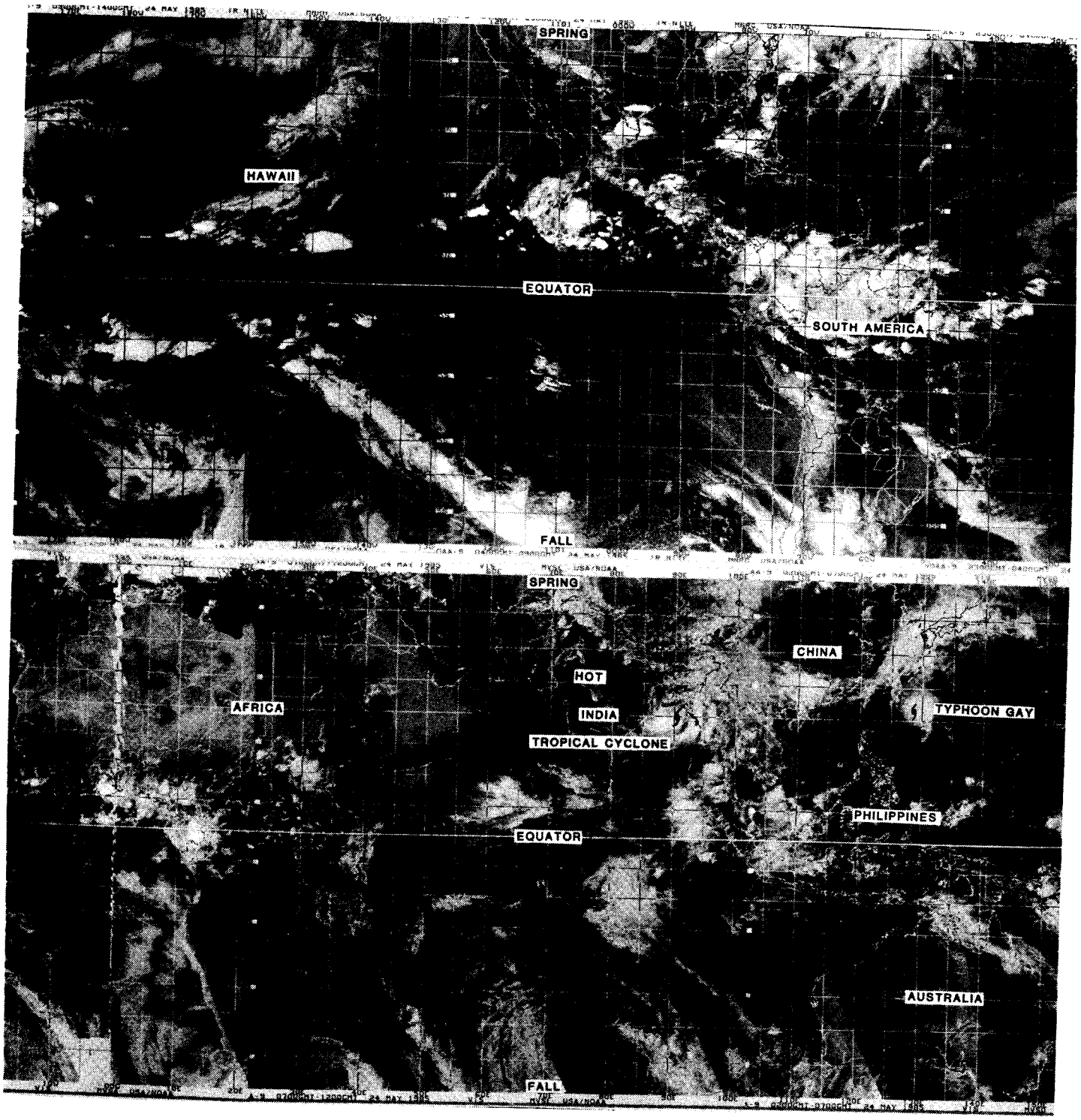






GLOBAL WEATHER SATELLITE PHOTO

May 24, 1985



International Weather and Crop Summary

May 19 - 25

HIGHLIGHTS:

1. UNITED STATES ... Dryness allows rapid planting over the Corn Belt and stresses small grains across the Northwest. Rain through parts of the East alleviates the drought and improves crops.

2. USSR ... Timely rain benefits winter wheat entering the heading stage. In the New Lands, several days of dryness aids spring wheat planting, but unseasonably cool weather likely slows emergence.

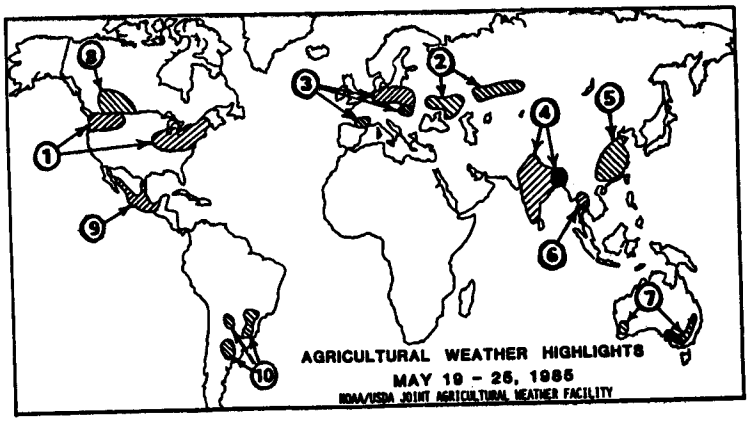
3. EUROPE ... Dry weather in southern France aids corn planting. Warm weather continues to enhance crop growth in the north. Wet weather creates the potential for localized flooding in Czechoslovakia, Austria, and Hungary.

4. SOUTH ASIA ... A tropical cyclone floods Bangladesh, damaging rice. Premonsoon showers increase in southern India.

5. EASTERN ASIA ... Moderate rain aids the rice region. Dry weather covers the North China Plain, but moisture supplies are mostly adequate.

6. SOUTHEAST ASIA ... Favorable rain continues for Thai rice planting.

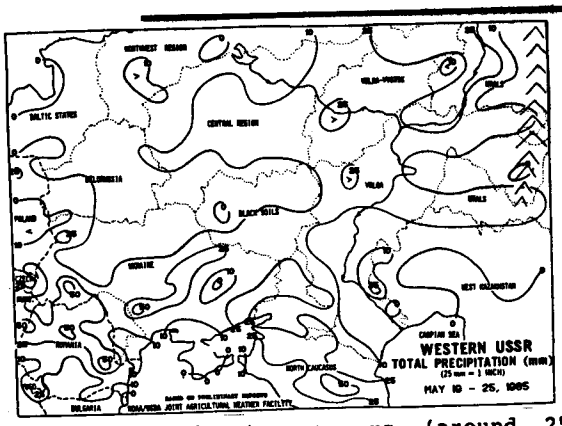
7. AUSTRALIA ... Dry weather covers most wheat areas, slowing wheat planting. Rains will be needed for planting during the next several weeks.



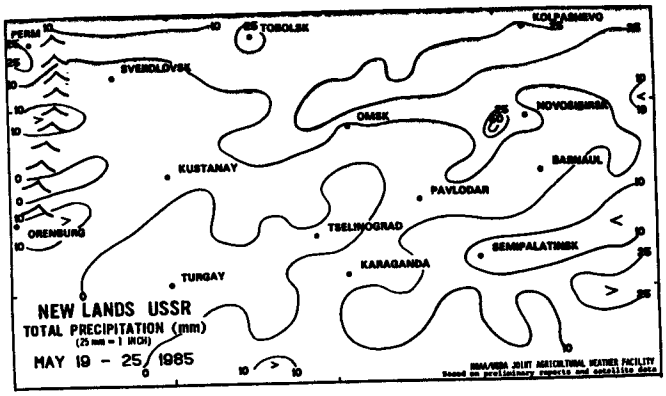
8. CANADA ... Showers improve planting conditions in central Alberta. Topsoil moisture is generally adequate throughout the Prairie Provinces for late crop planting and early crop development.

9. MEXICO ... Rain benefits crops in the eastern part of southern Plateau corn belt, but dryness returns to the western section.

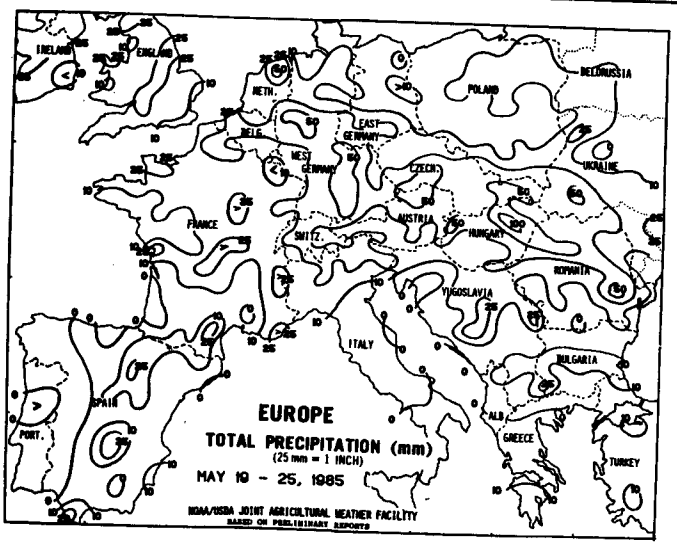
10. SOUTH AMERICA ... Early-week wetness slows Brazil's soybean harvest and wheat planting in Rio Grande do Sul and Parana. Generally dry weather in Argentina aids summer crop harvests.



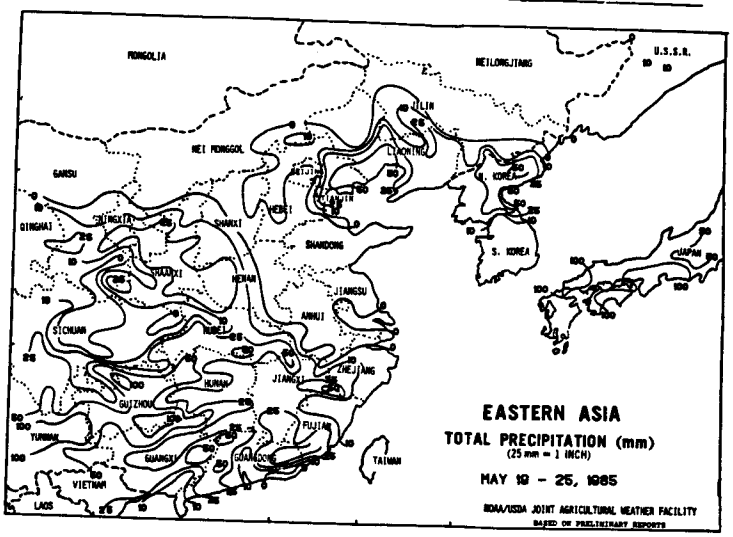
USSR...Significant showers (around 25mm) and cool weather improved moisture conditions in major winter wheat-producing areas of the central and eastern Ukraine, North Caucasus, southern Black Soils, and Volga Valley. The rain was timely, benefiting winter wheat entering the heading stage. The rain in these areas also favored emergence and early growth of spring-sown crops. Light precipitation covered the Baltic States, Belorussia, and the northwestern Ukraine, maintaining favorable moisture conditions. Scattered frost occurred throughout the northern half of Western USSR on May 22, with nighttime minimum temperatures dropping to around -1C. This cold weather did not significantly affect grain crops as daily temperatures were well above freezing and nighttime lows rose to above freezing by May 24.



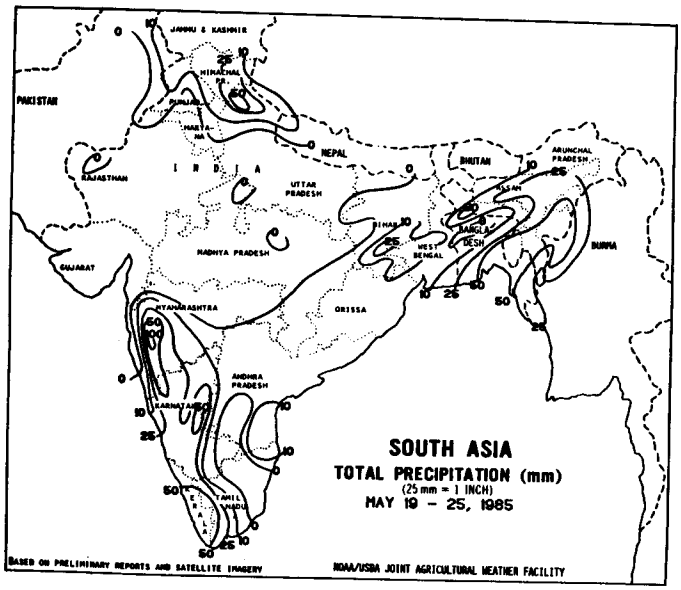
In the New Lands, spring grain planting is well underway. Several days of dry weather aided planting, but unseasonably cool weather slowed emergence. The weather turned warmer by week's end, with daytime highs around 30C occurring over the southern half of the region. Topsoil moisture in most areas should be very good for spring crop emergence and early growth. In South Central USSR cotton areas, light showers dotted most areas, and above-normal temperatures reversed the unseasonably cool temperatures of the last 3 weeks, enhancing vegetative growth.



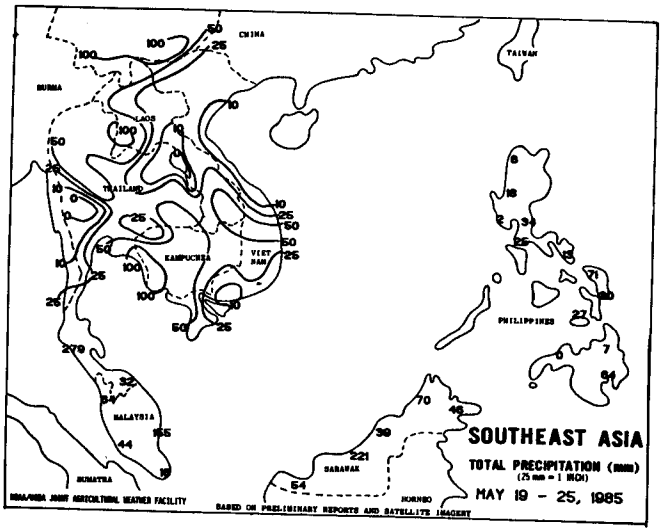
EUROPE...Wet, cool weather covered crop areas in England, France, and southern West Germany. Mostly dry weather in southern France aided corn planting. Warm, wet weather in Czechoslovakia, Austria, Hungary, and northwestern Romania favored crop growth. However, localized flooding may have occurred in some areas, particularly crop areas in central Hungary which received 50mm to 100mm of rainfall. Showers (10-25mm) continued to improve the unfavorably low moisture in southeastern Romania. Elsewhere in northern Europe, warm weather and light showers favored winter grains in the jointing stage.



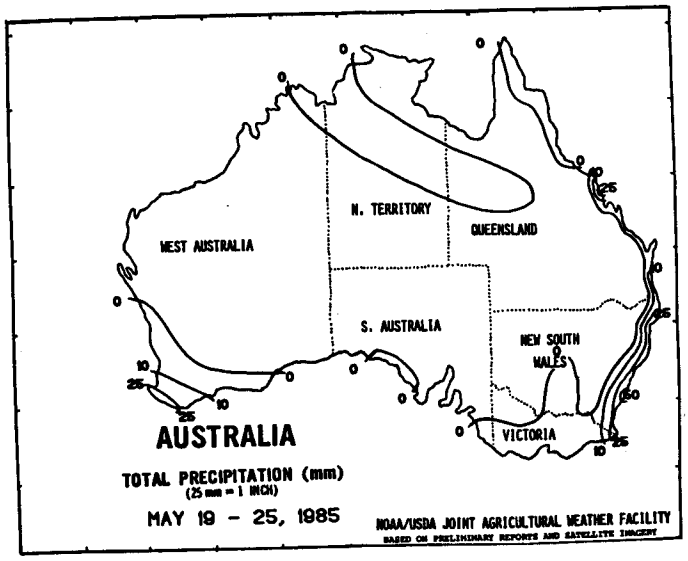
EASTERN ASIA...Moderate to heavy rain (50-100mm) fell in the southwestern rice region. Lighter rain covered the rest of the south, aiding late rice planting. Light rain fell in southern Hunan and Jiangxi, where drier-than-normal conditions are unfavorable for early rice in the heading stage. Mostly dry weather covered the North China Plain. Cotton, corn, and soybeans have adequate moisture for vegetative growth. Additional rain will be needed as summer crops enter the reproductive stage in June and July. Winter wheat is mostly in the filling stage with adequate moisture but some is being harvested in the south. Moderate rain benefited corn and soybeans in southern Manchuria, while dry weather was unfavorable in the north for soybeans and spring wheat.

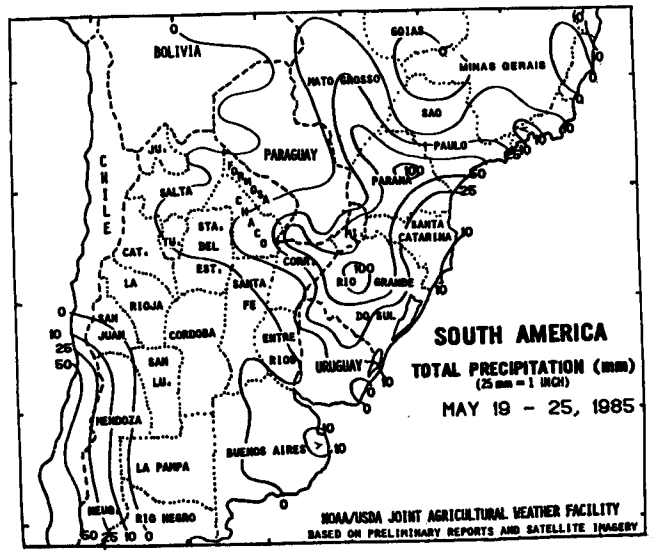


SOUTH ASIA...A tropical low pressure area developed in the Bay of Bengal and intensified into a tropical cyclone by late-week, moving inland over Bangladesh. Rain and high wind accompanied the cyclone, causing widespread flooding which damaged the minor Boro rice crop (10% of total rice production) that is normally harvested in April and May. The cyclone also adversely affected the recently planted Aman and Aus rice crops (60 % and 30 % of total rice production, respectively). Premonsoon showers increased in southern India. Isolated heavy rain (50-100mm) along the southwestern coast benefited autumn rice planting.



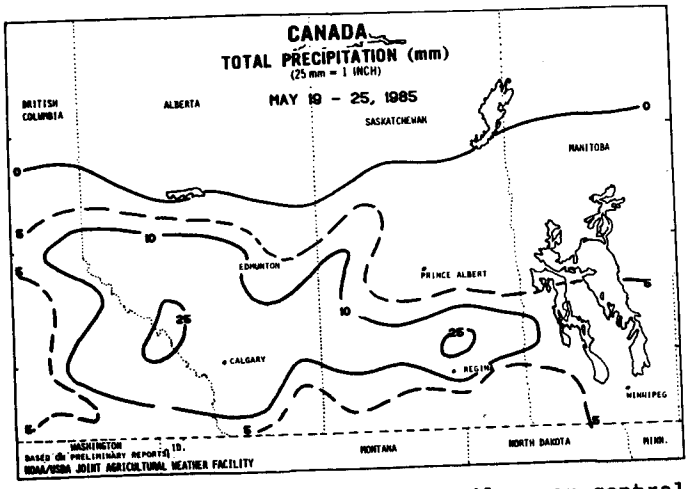
SOUTHEAST ASIA...Beneficial rain continued in much of Indochina. Moderate to heavy rain (50-100mm) covered northern Thailand, benefiting recently planted rice. Light to moderate rain favored corn and rice in central and eastern Thailand. Rice is normally transplanted in June/July in the north and July/August in the south central region. Variable rain fell in the Philippines, with the lightest amounts in northern Luzon. Tropical Storm Gay developed east of the Philippines and moved north, posing no threat to the islands.

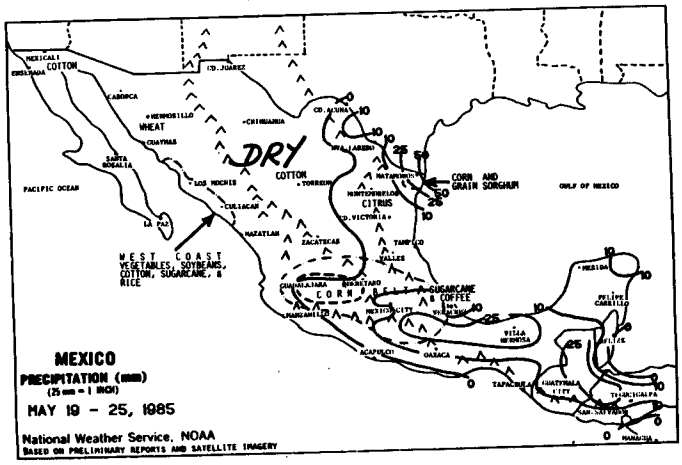




AUSTRALIA...Dry weather covered nearly all wheat areas of eastern and southern Australia. Light showers (less than 5mm) fell over southern Victoria and Western Australia's southwestern crop areas. Continued limited moisture throughout the wheat belt likely slowed planting progress; but there is still ample time to meet the normal planting schedule. Timely rains will be needed, however, for crop planting and emergence. Last year, a long dry spell delayed planting of a substantial portion of the wheat crop in eastern Australia to July. The normal planting schedule extends through June.

SOUTH AMERICA...Wet weather early in the week delayed Brazil's soybean harvest in Rio Grande do Sul and Parana. The soybean harvest is in its final stages and drier weather during the latter half of the week allowed fieldwork to resume. Wheat planting is also underway in southern Brazil. In Argentina, mostly dry weather aided summer crop harvesting. The soybean harvest is likely over 40 % complete, as favorably dry harvest weather prevailed over southern Santa Fe and only light showers (less than 5mm) fell over northern Buenos Aires. Sunflower harvesting is nearly complete. The corn harvest, now mostly concentrated in Buenos Aires and La Pampa provinces, is over 90 % finished. Sorghum harvesting is about 80 % complete.





CANADA...Showers moistened topsoils over central grain areas of Alberta and Saskatchewan, where weekly rainfall averaged 10-25mm. However, only light rain (less than 10mm) fell over crop areas of Manitoba and northern and southern extremes of both Alberta and Saskatchewan. Crop planting progressed in most areas, with some late-week interruptions due to wetness. The recent moisture benefited central Alberta, where dryness caused early concern about crop emergence. Prairie moisture supplies are limited for crop development in the south and extreme northwest, but crop emergence has been reported good to excellent thus far. Wheat and barley plantings are in late stages throughout southern portions of the Prairie Provinces. Wheat and rapeseed plantings are still well underway in northern crop areas.

MEXICO...Beneficial rain fell over the eastern part of the southern Plateau corn belt, while dry weather returned to the western portion. Eastern corn and grain sorghum should be developing well. Central and western grains are stressed from lack of moisture except in irrigated districts. Dry weather over the west favored harvesting winter wheat and vegetables, and planting summer field crops.

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