WEEKLY WEATHER AND CROP BULLETIN

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

U.S. DEPARTMENT OF AGRICULTURE
Economics and Statistics Service
World Food and Agricultural Outlook and Situation Board

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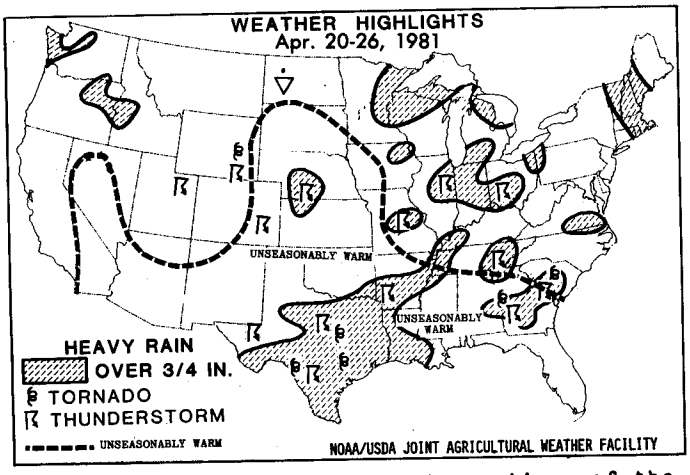
National Weather Summary

April 20-26, 1981



HIGHLIGHTS: Drought deepened in portions of the central Plains in spite of some very welcome showers. Heavier rain is needed to equal the volume of the expected or normal spring showers. Some showers covered the very dry northern Plains but amounts were sparse. Heavy thunderstorms persisted throughout the week in Texas. Hail, high winds and tornadoes were reported from Wyoming to Texas and eastward to Georgia and South Carolina. Unseasonably warm weather spread into the Plains.

MONDAY...Thunderstorms developed along a cold front through the Gulf Coast States to southwestern Texas and northward through the high Plains. Tornadoes and heavy hail accompanied some of the storms. Tornadoes touched down in South Carolina, Texas, and Wyoming. Cool weather spread over the northeastern quarter of the Nation.

TUESDAY...Freezing weather settled over the Northeast. More than a half dozen cities from northern Michigan to New Jersey set new record low temperatures. Parts of New England had temperatures in the teens. Thunderstorms were scattered from Florida to New Mexico and from Texas through Nebraska to the eastern Dakotas. Rainshowers extended from Utah and northwestern Colorado to southern Montana. Heavy rain from thunderstorms caused local flooding in west central Texas. Thunderstorms moved into the middle Mississippi Valley late in the day.

WEDNESDAY...Cold weather continued in the Northeast. Freezing temperatures reached southward into Virginia. An area of heavy thunderstorms developed from southwestern Texas across Arkansas into the Ohio Valley. Lighter storms reached northward into Iowa and showers spread from the Great Lakes to the Central Appalachians.

THURSDAY...The weather was chilly from the northern Plains through New England. Thunderstorms persisted from southwest Texas to central Georgia and the western Carolinas. Rainshowers reached northward to southern New England. Rainshowers were also scattered along the Great Lakes and in the Pacific Northwest.

FRIDAY...Showers and a few thundershowers fell on the northeastern States and upper Ohio Valley. Thundershowers continued in southern Texas and showers were scattered from southern Oregon and northern California to the central and northern Rockies.

SATURDAY...Warm weather pushed into the Plains. Temperatures in the nineties reached into Nebraska, while the northeastern corner of the Nation remained cool. Thunderstorms moved through the northern Rockies and spread into the northern Plains but rainfall was sparse. A few thunderstorms lingered over the Texas coast and an area of thunderstorms developed in the late evening from eastern Iowa into central Illinois.

SUNDAY...The warm air spread over the southern and central Plains and reached into Colorado and Wyoming. Widely scattered showers and thunderstorms dotted the northern half of the country from the Rockies to the Appalachians. The showers were needed in the northern Plains but they were generally light and some were accompanied by strong, gusty winds.

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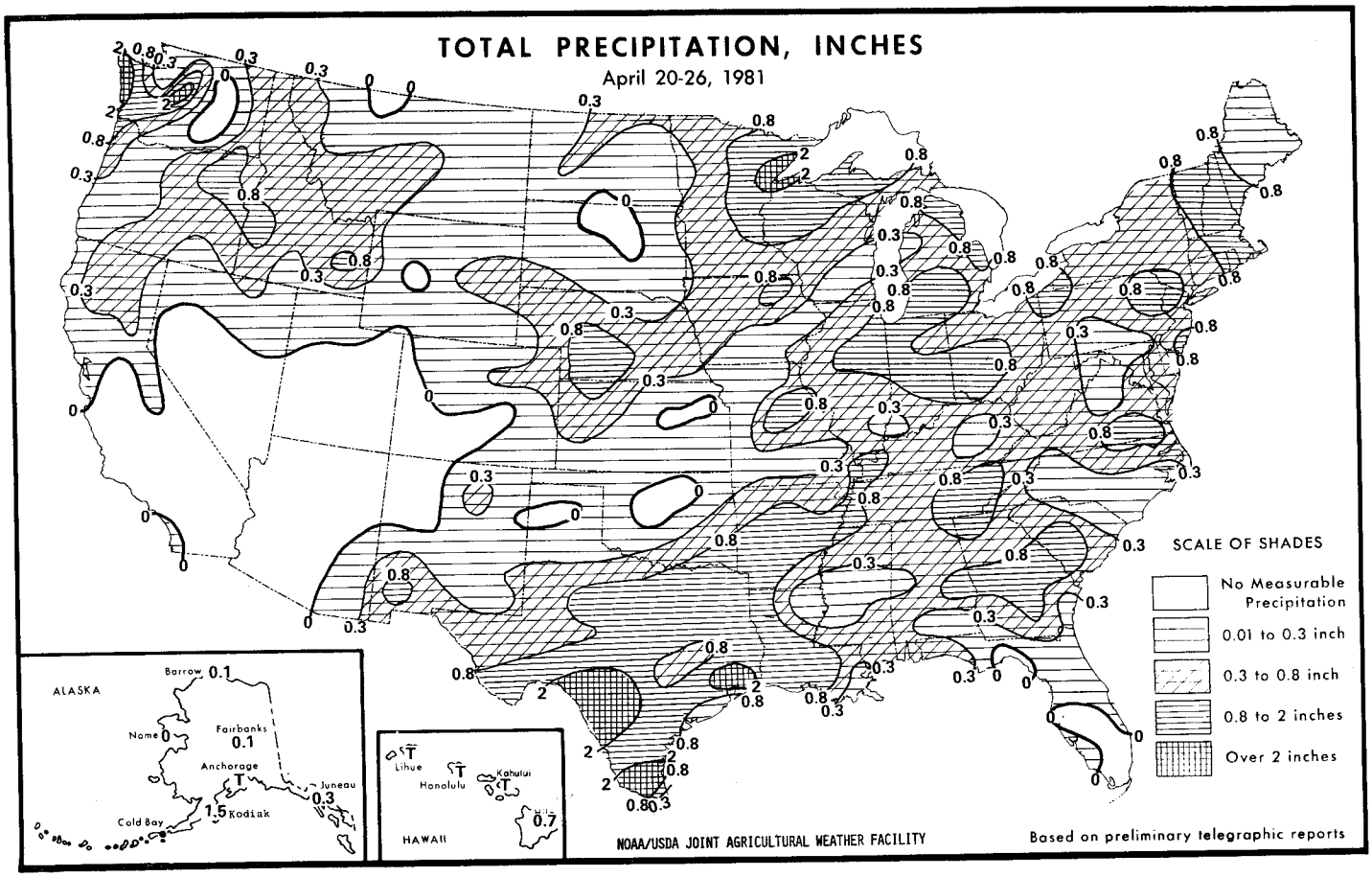
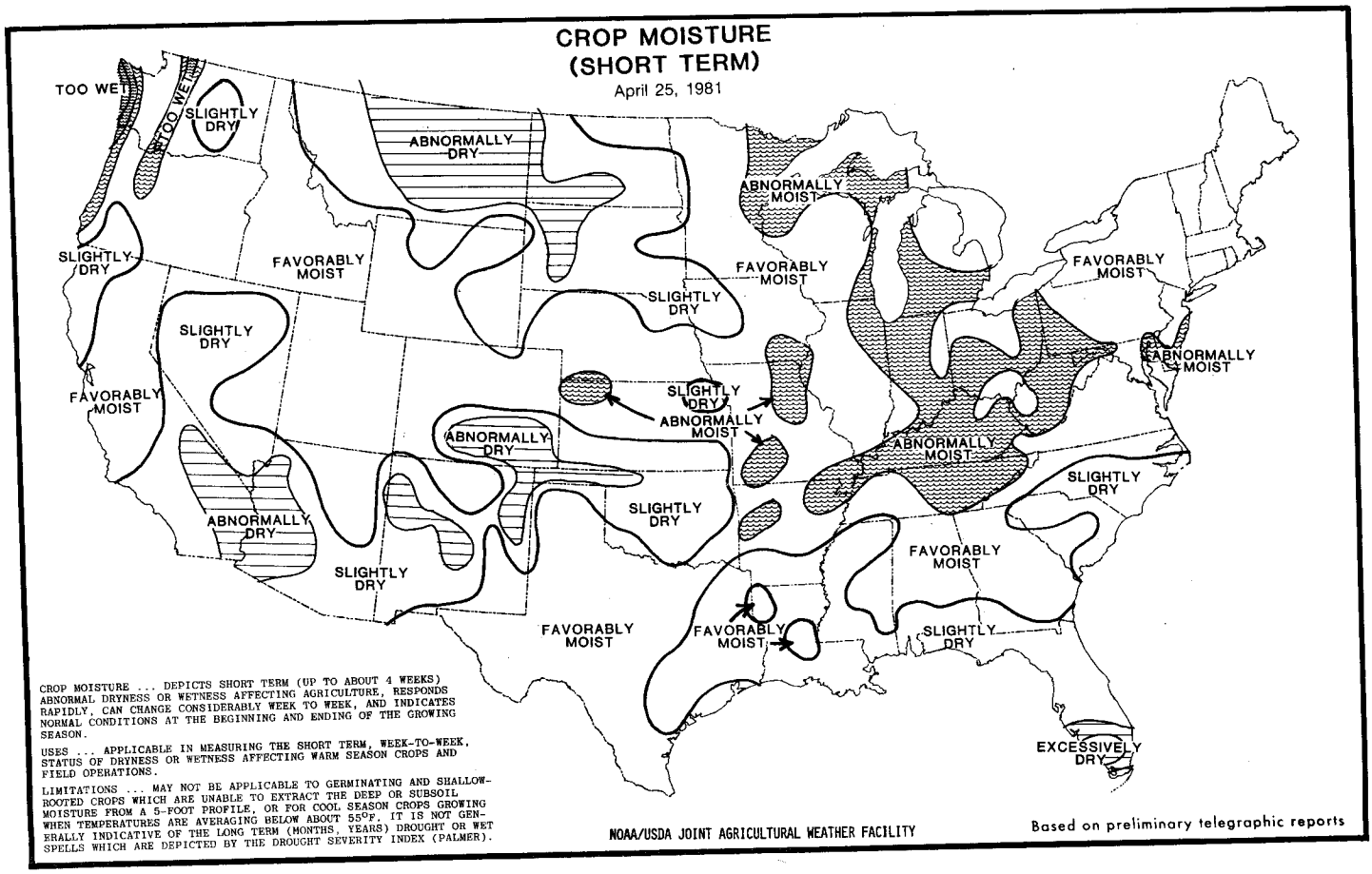
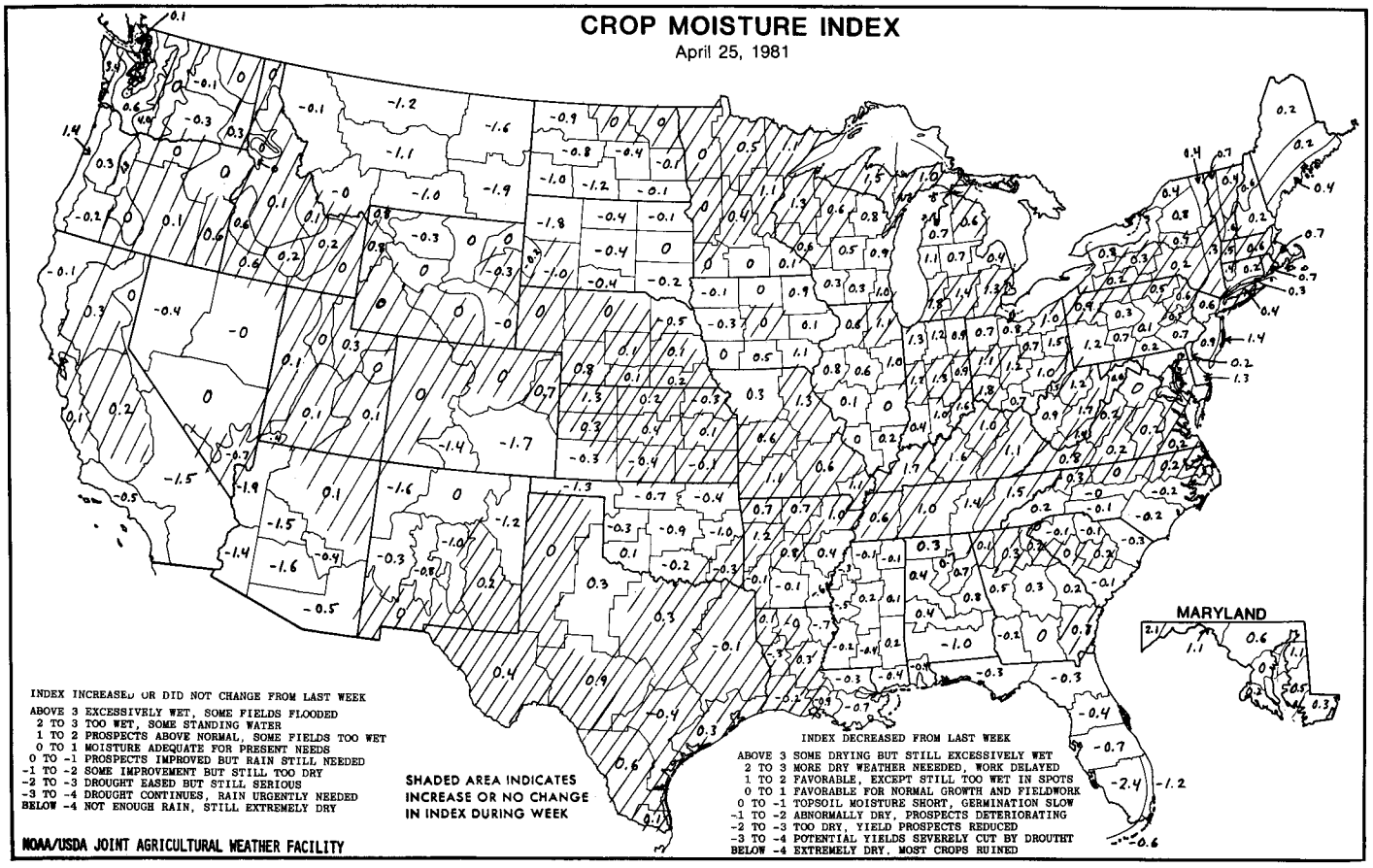
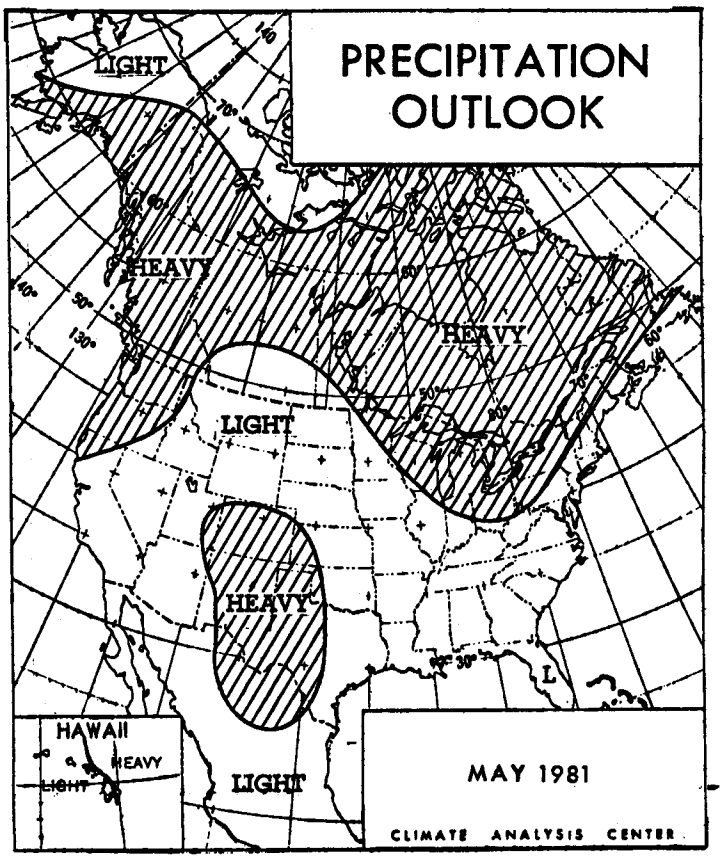
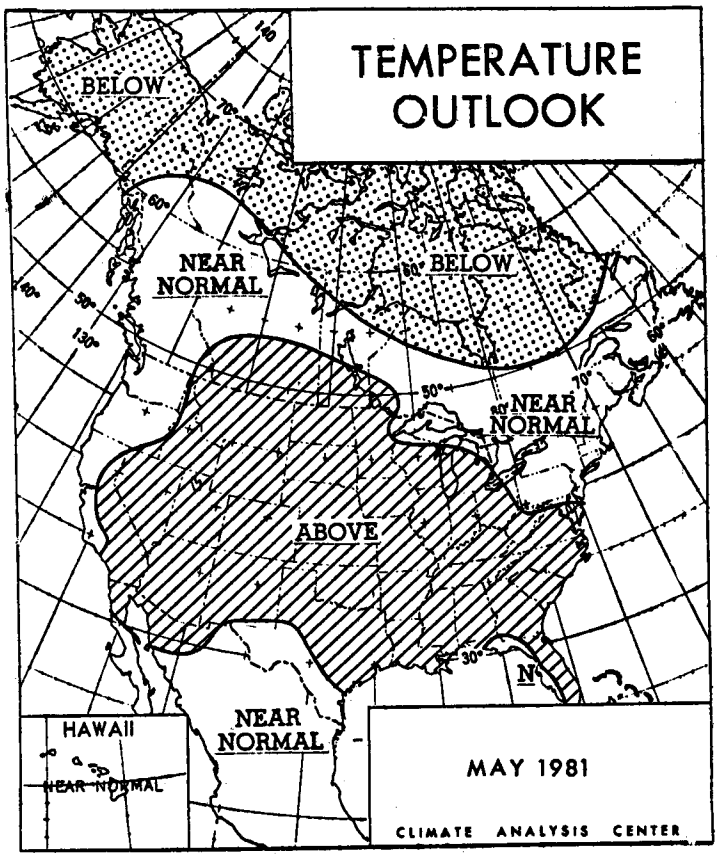

TOTAL PRECIPITATION, INCHES
April 20-26, 1981
SCALE OF SHADES
No Measurable Precipitation
0.01 to 0.3 inch
0.3 to 0.8 inch
0.8 to 2 inches
Over 2 inches
ALASKA
Barrow 0.1
Nome 0
Fairbanks 0.1
Anchorage T
Juneau 0.3
Cold Bay
1.5 Kodiak
Lihue T
Honolulu T
Kahului T
Hilo 0.7
HAWAII
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary telegraphic reports

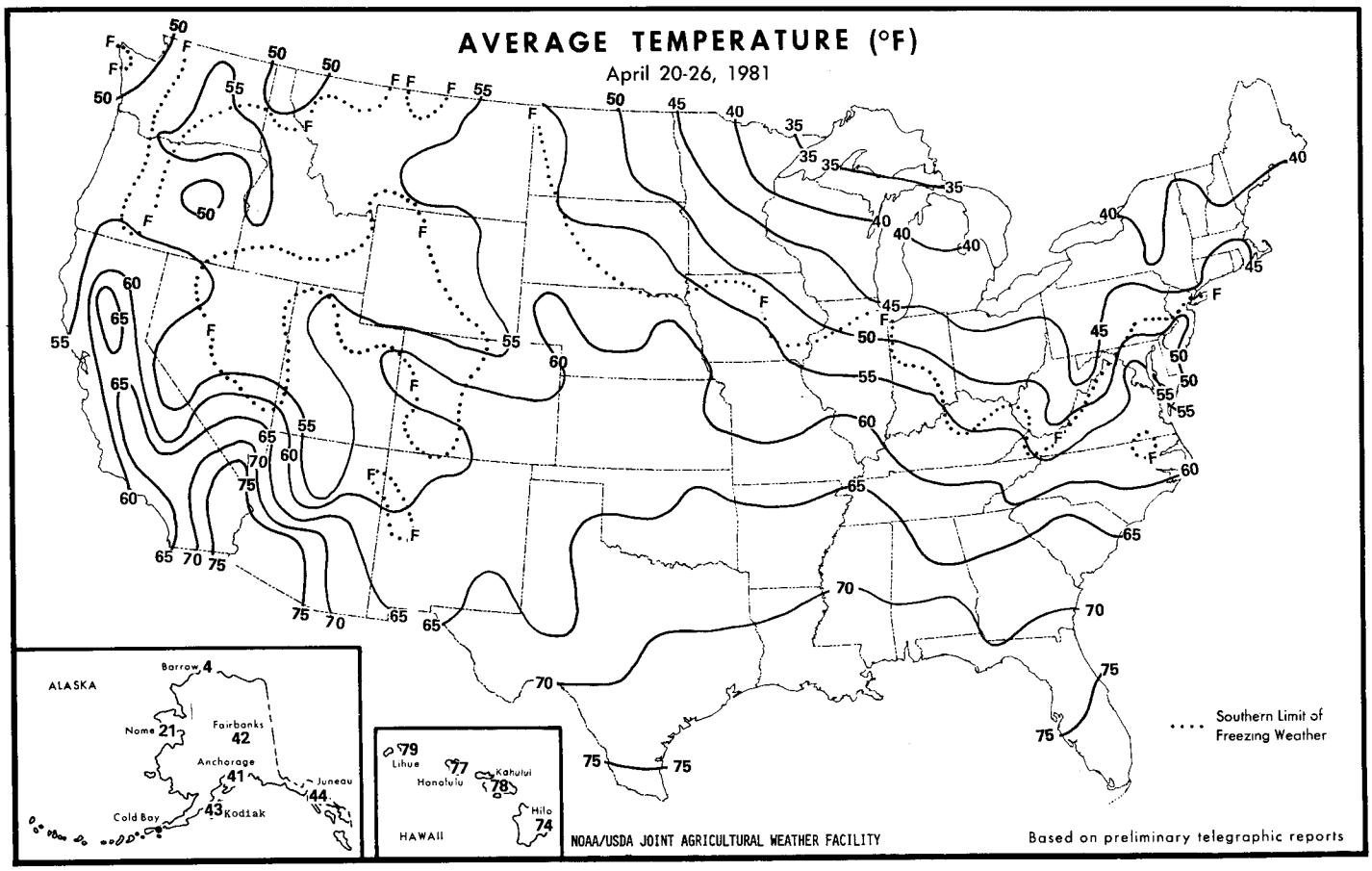

CROP MOISTURE
(SHORT TERM)
April 25, 1981
TOO WET
SLIGHTLY DRY
ABNORMALLY DRY
ABNORMALLY MOIST
FAVORABLY MOIST
SLIGHTLY DRY
FAVORABLY MOIST
FAVORABLY MOIST
SLIGHTLY DRY
ABNORMALLY MOIST
FAVORABLY MOIST
SLIGHTLY DRY
ABNORMALLY MOIST
ABNORMALLY DRY
ABNORMALLY MOIST
SLIGHTLY DRY
ABNORMALLY DRY
SLIGHTLY DRY
FAVORABLY MOIST
SLIGHTLY DRY
FAVORABLY MOIST
FAVORABLY MOIST
SLIGHTLY DRY
EXCESSIVELY DRY
CROP MOISTURE ... DEPICTS SHORT TERM (UP TO ABOUT 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK, AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND ENDING 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 (PALMER).
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary telegraphic reports

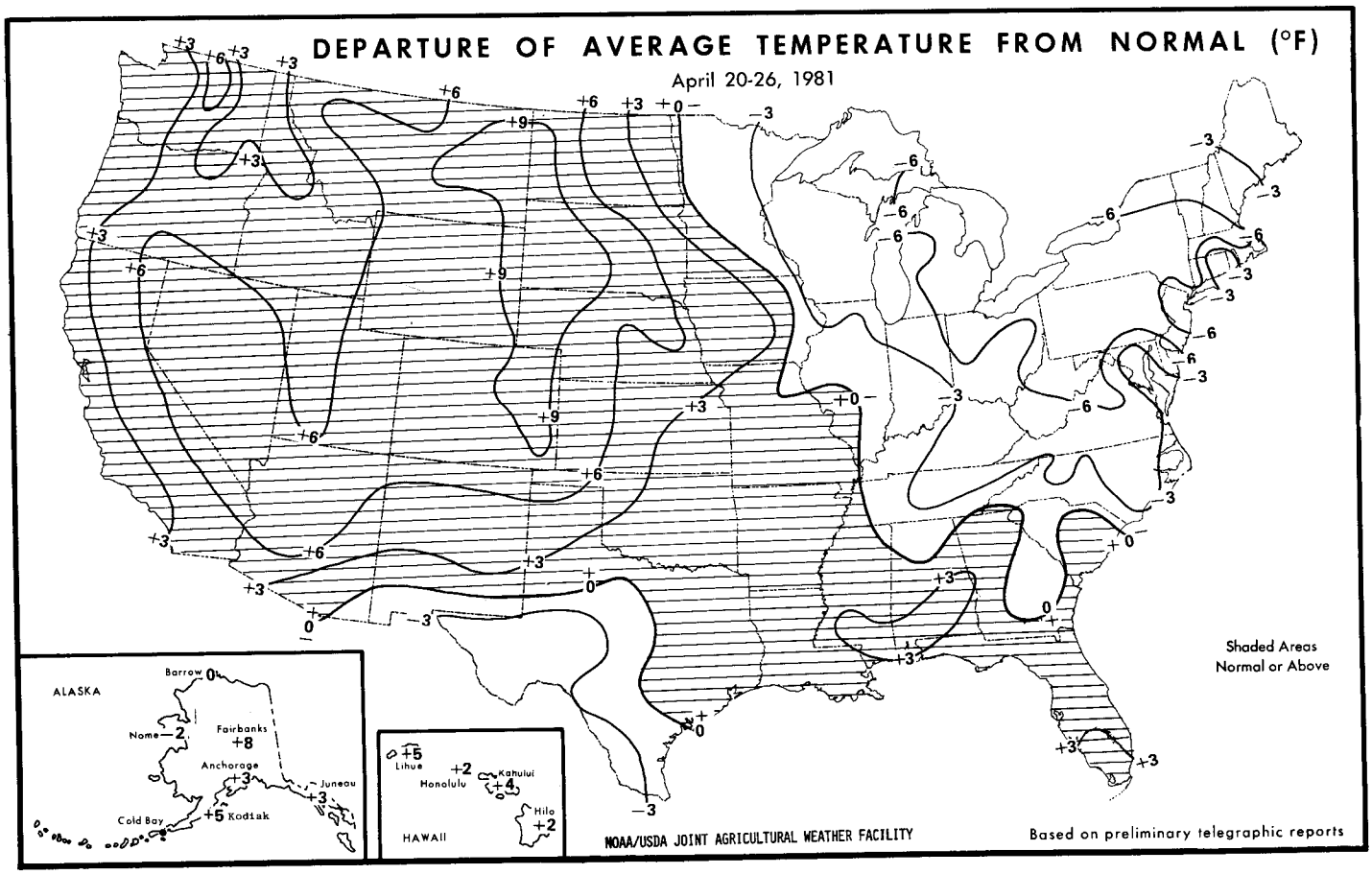


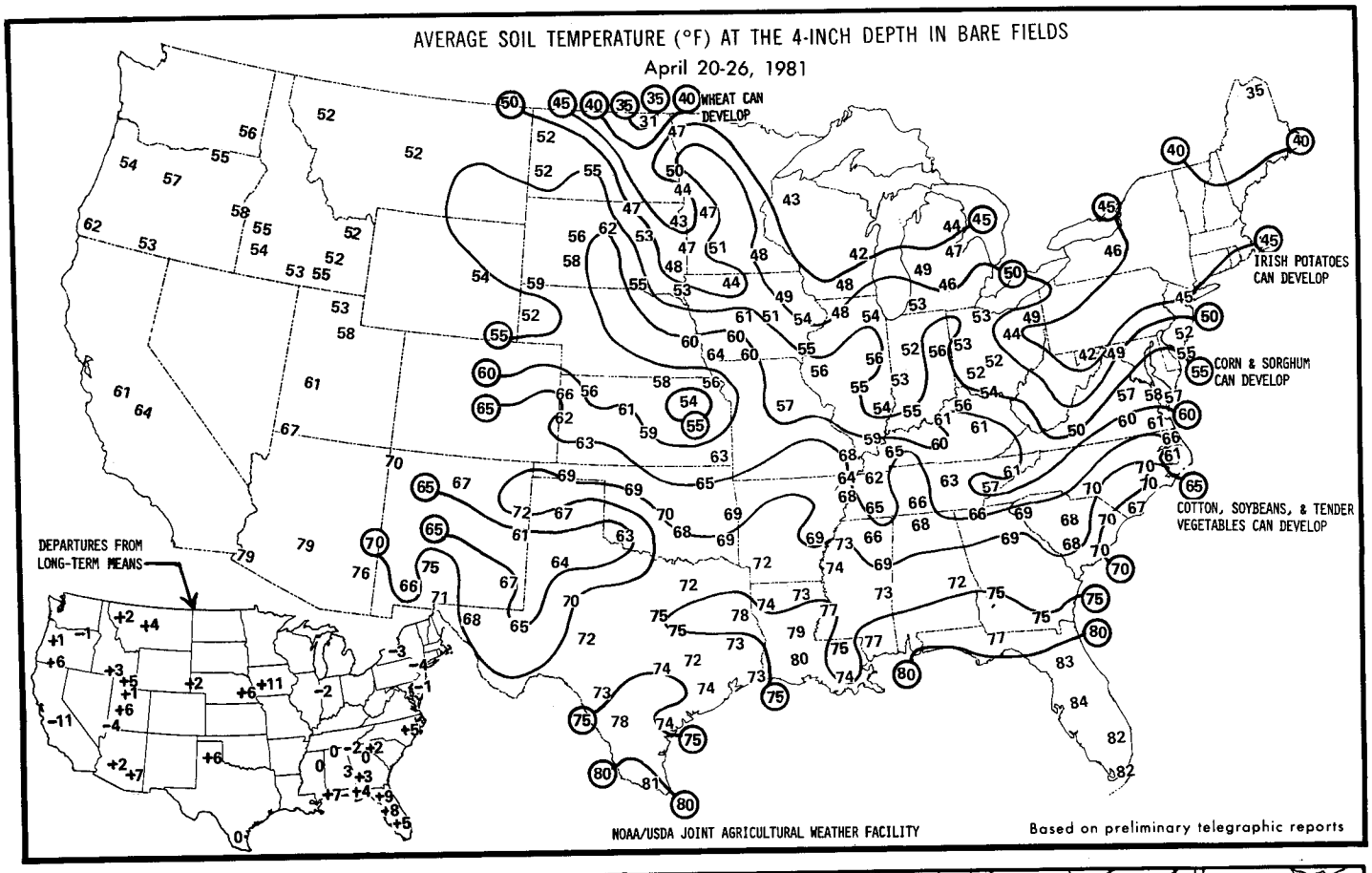
Average Monthly Weather Outlook

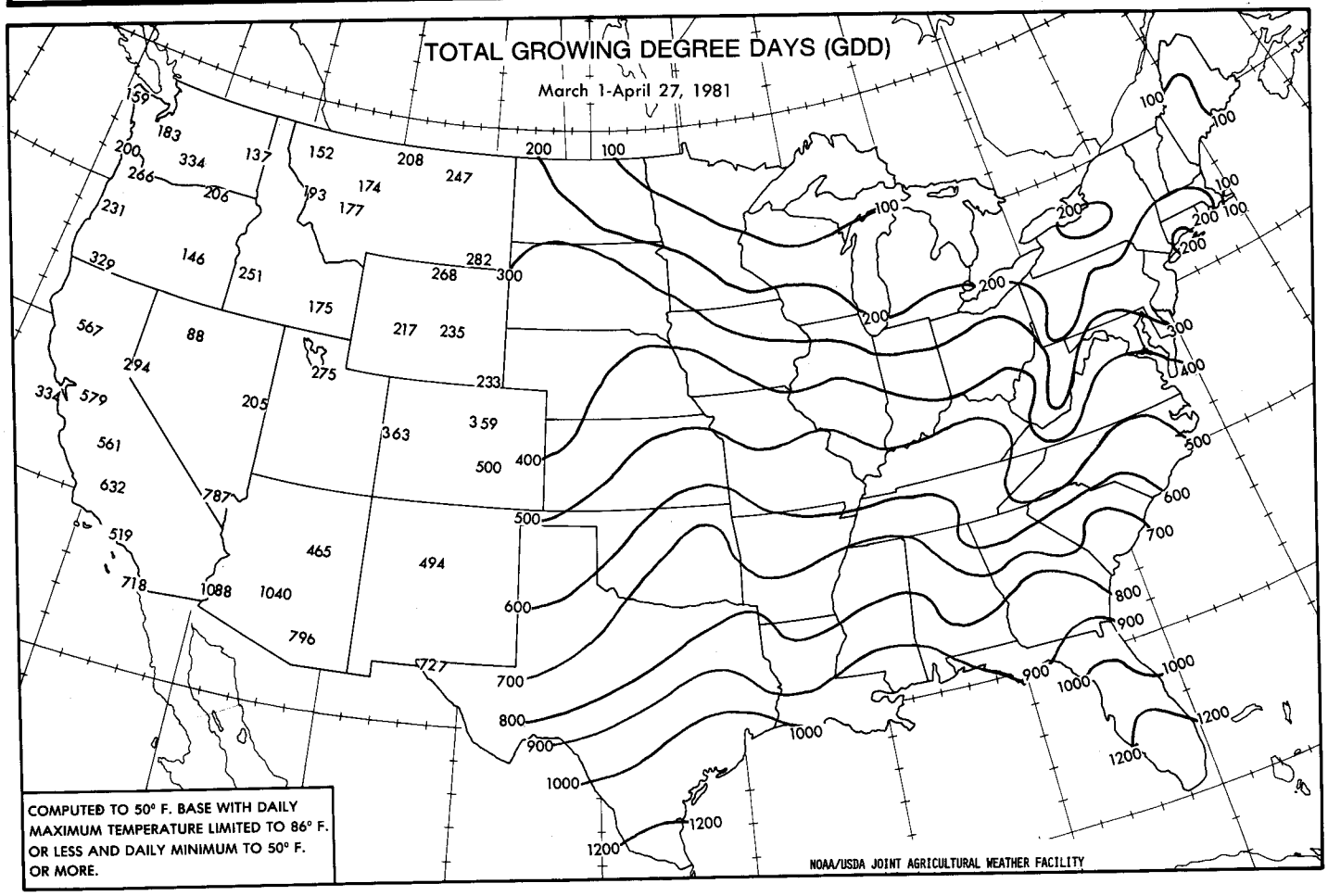





AVERAGE TEMPERATURE (°F)
April 20-26, 1981
ALASKA
Barrow 4
Nome 21
Fairbanks 42
Anchorage 41
Juneau 44
Cold Bay 43
Kodiak
HAWAII
Lihue 79
Honolulu 77
Kahului 78
Hilo 74
Southern Limit of Freezing Weather
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary telegraphic reports


DEPARTURE OF AVERAGE TEMPERATURE FROM NORMAL (°F)
April 20-26, 1981
ALASKA
Barrow 0
Nome −2
Fairbanks +8
Anchorage +3
Juneau +3
Cold Bay +5
Kodiak
HAWAII
Lihue +5
Honolulu +2
Kahului +4
Hilo +2
Shaded Areas Normal or Above
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary telegraphic reports


AVERAGE SOIL TEMPERATURE (°F) AT THE 4-INCH DEPTH IN BARE FIELDS
April 20-26, 1981
WHEAT CAN DEVELOP
IRISH POTATOES CAN DEVELOP
CORN & SORGHUM CAN DEVELOP
COTTON, SOYBEANS, & TENDER VEGETABLES CAN DEVELOP
DEPARTURES FROM LONG-TERM MEANS
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary telegraphic reports


TOTAL GROWING DEGREE DAYS (GDD)
March 1-April 27, 1981
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

Weather Data for the Week Ending April 26, 1981

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. 2	PCT. NORMAL SINCE Mar. 2	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	76	53	85	42	65	0	.7	- .3	.5	9.1	91	15.5	76	89	47	0	0	2	0
MOBILE	83	63	89	58	73	3	.4	- .8	.4	3.9	30	13.9	64	90	41	0	0	2	0
MONTGOMERY	80	60	89	51	70	3	.8	- .1	.8	9.9	103	18.1	100	85	48	0	0	3	1
AK ANCHORAGE	52	30	52	26	41	3	T	- .1	T	.3	33	2.4	92	86	41	0	5	0	0
BARROW	8	-3	14	-4	4	0	.1	.1	T	.1	25	.5	45	96	82	0	5	4	0
FAIRBANKS	53	30	56	27	42	8	.1	0	.1	.2	29	1.2	75	50	27	0	5	1	0
JUNEAU	51	37	55	34	44	3	.3	- .4	.1	3.8	63	13.1	98	89	56	0	0	4	0
KODIAK	47	38	48	34	43	5	1.5	.6	.6	10.5	150	29.2	172	95	71	0	0	6	1
NOME	30	13	39	8	21	-2	0	- .1	0	1.2	92	4.1	137	81	61	0	7	0	0
AZ FLAGSTAFF	67	37	72	31	52	8	0	- .3	0	5.4	180	7.9	120	78	23	0	3	0	0
PHOENIX	91	64	98	57	77	7	0	- .1	0	1.2	109	3.1	141	43	14	4	0	0	0
TUCSON	85	53	92	46	69	1	T	- .1	T	2.2	244	4.3	187	44	14	2	0	0	0
WINSLOW	78	43	84	38	61	5	0	- .1	0	.5	63	1.4	82	51	14	0	0	0	0
YUMA	92	61	99	55	77	4	0	0	0	.2	40	1.0	71	49	17	5	0	0	0
AR FORT SMITH	78	55	84	49	66	1	.6	- .6	.6	4.9	64	9.2	69	91	50	0	0	2	1
LITTLE ROCK	77	55	83	50	66	2	1.1	- .1	.5	6.1	65	12.3	68	99	51	0	0	3	1
CA BAKERSFIELD	78	57	96	52	67	3	T	- .2	T	2.4	160	4.3	116	72	34	1	0	0	0
EUREKA	57	48	60	46	52	2	.1	- .5	.1	5.3	72	16.5	82	92	73	0	0	3	0
FRESNO	78	55	90	48	66	4	0	- .3	0	3.2	110	7.5	119	79	35	1	0	0	0
LOS ANGELES	67	56	70	49	61	1	T	- .2	T	2.9	100	6.6	85	86	61	0	0	0	0
RED BLUFF	76	54	88	48	65	4	.6	.3	.4	6.7	168	14.1	118	88	43	0	0	1	1
SAN DIEGO	70	60	72	57	65	3	T	- .1	T	3.0	130	8.5	149	88	65	0	0	1	0
SAN FRANCISCO	65	49	82	46	57	1	.1	- .3	.1	3.9	100	12.2	106	88	56	0	0	1	0
STOCKTON	79	49	91	42	64	4	0	- .3	0	4.0	125	9.1	108	91	40	1	0	0	0
CO DENVER	73	46	84	40	59	9	.4	- .1	.4	3.4	117	4.1	103	60	23	0	0	1	0
GRAND JUNCTION	76	45	84	38	61	6	0	- .1	0	2.0	154	2.3	96	52	16	0	0	0	0
PUEBLO	80	45	90	35	62	8	T	- .4	T	1.1	69	1.6	62	61	20	1	0	0	0
CT BRIDGEPORT	54	36	62	30	45	-6	.5	- .3	.6	3.6	56	8.7	73	95	48	0	3	2	0
HARTFORD	55	37	64	30	46	-5	.6	- .3	.5	2.5	35	10.1	74	71	34	0	3	2	0
DC WASHINGTON	68	48	82	40	58	-1	.6	- .1	.5	3.6	62	6.8	62	75	33	0	0	2	1
FL APALACHICOLA	81	62	86	57	71	1	T	- .8	T	3.1	39	7.7	51	93	56	0	0	1	0
DAYTONA BEACH	84	62	90	58	73	2	.3	- .2	.3	3.3	60	9.1	86	88	27	1	0	1	0
FORT MYERS	89	66	92	63	77	3	.1	- .3	.1	1.5	32	3.9	46	93	38	1	0	1	0
JACKSONVILLE	83	60	88	54	71	1	.1	- .6	.1	5.8	92	11.4	89	95	44	0	0	2	0
KEY WEST	84	74	86	73	79	0	0	- .5	0	1.2	34	3.9	54	86	64	0	0	0	0
MIAMI	87	71	90	68	79	3	0	- 1.0	0	1.5	31	6.8	72	84	43	1	0	0	0
ORLANDO	88	62	90	60	75	2	.2	- .4	.2	2.1	36	6.7	59	94	38	2	0	1	0
TALLAHASSEE	83	57	88	50	70	0	T	- .9	T	9.1	98	19.3	107	96	39	0	0	0	0
TAMPA	84	63	86	60	74	1	T	- .4	T	1.7	30	7.5	68	94	47	0	0	0	0
WEST PALM BEACH	87	67	90	66	77	2	0	- .8	0	2.9	47	7.5	65	85	26	1	0	0	0
GA ATLANTA	75	55	84	46	65	1	.5	- .5	.4	5.9	61	13.5	72	83	31	0	0	3	0
AUGUSTA	77	52	89	43	65	-1	1.1	.3	.8	4.9	65	11.0	73	92	30	0	0	3	1
MACON	79	57	88	49	68	0	1.5	.7	1.1	7.6	92	17.5	105	97	43	0	0	2	1
SAVANNAH	79	57	92	51	68	0	.6	0	.3	5.7	84	9.6	76	86	43	1	0	3	0
HI HILO	82	67	84	65	75	2	.7	- 2.3	.3	--	--	--	--	91	55	0	0	6	0
HONOLULU	84	69	86	67	77	2	T	- .3	T	1.7	38	3.5	30	86	51	0	0	1	0
KAHULUI	87	68	88	64	78	4	T	- .2	T	--	--	--	--	74	44	0	0	0	0
LIHUE	85	74	87	68	79	5	--	--	--	--	--	--	--	82	58	0	0	-	-
ID BOISE	64	46	76	43	55	4	1.3	1.0	.8	4.8	240	7.0	146	86	47	0	0	4	1
LEWISTON	65	46	81	40	55	3	.5	.3	.3	2.8	156	4.8	120	86	43	0	0	3	0
POCATELLO	62	42	73	35	52	4	.8	.5	.4	2.9	171	4.3	123	88	47	0	0	3	0
IL CAIRO	72	54	84	46	63	0	1.3	.2	1.1	5.6	65	10.3	62	--	--	0	0	3	1
CHICAGO	56	36	69	29	46	-6	1.6	.8	1.6	4.7	87	7.0	82	95	53	0	3	4	1
MOLINE	62	40	82	30	51	-3	.3	- .6	.3	4.6	81	7.2	82	87	48	0	1	1	0
PEORIA	62	41	82	33	52	-3	1.1	0	1.1	6.0	91	8.8	88	90	54	0	0	1	1
ROCKFORD	59	38	75	28	48	-3	.9	0	.8	4.9	84	7.5	84	77	45	0	3	3	1
SPRINGFIELD	67	45	85	36	56	0	.6	- .4	.6	6.7	110	9.2	95	91	45	0	0	1	1
IN EVANSVILLE	68	45	87	36	57	-3	.2	- .7	.2	4.1	51	7.5	50	92	52	0	0	2	0
FORT WAYNE	54	38	62	30	46	-6	.5	- .3	.3	5.2	90	8.9	84	76	42	0	1	2	0
INDIANAPOLIS	63	43	78	33	53	-3	1.6	.7	1.2	5.5	80	8.8	72	75	41	0	0	4	1
SOUTH BEND	55	38	63	32	47	-4	1.4	.4	1.3	5.1	82	7.8	73	94	54	0	1	4	1
IA BURLINGTON	65	44	82	34	54	-1	.6	- .3	.6	5.9	102	7.7	88	84	53	0	0	1	1
DES MOINES	69	46	88	38	57	4	.3	- .5	.3	2.5	51	3.9	56	77	38	0	0	1	0
DUBUQUE	54	38	67	28	46	-5	.3	- .7	.3	4.8	74	7.6	80	86	60	0	2	1	0
SIOUX CITY	72	44	93	33	58	5	.4	- .2	.3	2.2	65	3.0	60	79	37	2	0	2	0
KS CONCORDIA	73	48	88	40	60	4	.1	- .5	.1	3.2	91	3.4	68	88	43	0	0	2	0
DODGE CITY	77	49	91	41	63	6	T	- .4	T	2.0	77	2.4	65	76	34	1	0	2	0
GOODLAND	73	47	88	39	60	8	.4	0	.3	7.4	370	8.4	290	78	38	0	0	3	0
TOPEKA	71	46	85	38	59	1	T	- .9	T	3.7	70	4.2	58	85	48	0	0	0	0
WICHITA	76	49	89	45	62	3	.1	- .7	.1	2.6	60	3.1	50	87	37	0	0	2	0
KY LEXINGTON	64	43	80	31	54	-4	.3	- .5	.3	6.0	75	10.9	70	86	50	0	1	4	0
LOUISVILLE	68	46	85	34	57	-1	.4	- .5	.4	5.1	60	8.7	56	82	43	0	0	3	0
LA BATON ROUGE	81	64	85	58	72	2	1.1	- .1	1.1	3.9	42	12.3	65	99	58	0	0	1	1

BASED ON PRELIMINARY REPORTS AND 1941-70 NORMALS

Weather Data for the Week Ending April 26, 1981

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. 2	PCT. NORMAL SINCE Mar. 2	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
LAKE CHARLES	81	64	85	60	72	1	1.1	0	1.1	3.0	41	8.2	51	94	48	0	0	1	1
NEW ORLEANS	82	62	86	54	72	1	.2	- .7	.1	3.4	37	12.6	67	98	47	0	0	1	0
SHREVEPORT	80	58	84	48	69	0	1.3	0	.7	3.6	42	10.0	61	96	57	0	0	2	2
ME CARIBOU	46	30	59	19	38	-2	.2	- .3	.2	4.9	117	9.3	108	72	43	0	4	2	0
PORTLAND	49	32	65	24	41	-4	.9	.1	.5	4.4	69	12.4	92	88	42	0	3	4	0
MD BALTIMORE	65	41	80	33	53	-3	.1	- .6	.1	3.1	50	6.6	55	75	33	0	0	3	0
MA BOSTON	53	37	65	25	45	-7	1.0	.2	.6	3.3	48	11.0	78	80	41	0	2	4	1
CHATHAM	50	38	55	33	44	--	.9	--	.7	4.5	--	12.3	--	83	60	0	0	4	1
MI ALPENA	46	30	52	19	38	-5	1.0	.4	1.0	3.9	100	6.4	90	86	45	0	4	3	1
DETROIT	52	34	64	25	43	-8	.8	0	.4	3.9	75	7.5	85	88	46	0	3	3	0
FLINT	51	33	60	25	42	-7	.7	0	.5	4.8	109	7.4	95	94	49	0	4	3	0
GRAND RAPIDS	52	32	58	27	42	-7	1.2	.4	1.1	6.8	128	9.2	105	89	46	0	4	3	1
HOUGHTON LAKE	49	32	57	24	40	-5	.4	- .2	.3	3.6	95	6.7	100	83	46	0	3	2	0
LANSING	52	33	61	25	43	-7	.9	.2	.5	5.9	123	7.8	94	94	55	0	4	4	0
MARQUETTE	43	26	60	17	35	-5	1.7	1.0	1.6	5.3	113	9.6	119	91	58	0	7	3	1
MUSKEGON	52	34	58	27	43	-5	.3	- .4	.2	4.2	82	7.9	84	90	49	0	2	3	0
SAULT STE. MARIE	43	26	52	15	34	-7	.8	.2	.8	4.5	122	7.6	106	89	46	0	7	1	1
MN DULUTH	44	29	67	25	37	-5	2.2	1.5	1.0	4.7	115	6.4	107	95	62	0	5	5	2
INT'L FALLS	48	32	66	21	40	-2	.8	.4	.2	2.4	96	2.9	71	87	50	0	3	4	0
MINNEAPOLIS	55	39	70	32	47	-2	.8	.3	.4	2.3	72	4.7	100	77	50	0	1	3	0
ROCHESTER	54	36	73	29	45	-3	.3	- .3	.1	2.4	63	4.6	94	91	61	0	2	3	0
SAINT CLOUD	55	35	72	27	45	-2	.8	.2	.4	3.4	106	4.9	102	92	53	0	2	3	0
MS JACKSON	83	59	87	50	71	3	.2	- .8	.2	6.3	66	11.7	62	94	46	0	0	1	0
MERIDIAN	83	57	87	48	70	2	.4	- .7	.4	12.0	113	19.1	96	91	46	0	0	1	0
MO COLUMBIA	68	47	81	42	58	0	2.0	1.0	2.0	6.8	113	8.7	92	78	50	0	0	2	1
KANSAS CITY	70	49	85	44	59	2	T	- .8	T	3.3	60	4.1	50	82	50	0	0	2	0
SAINT LOUIS	70	51	84	42	60	1	.4	- .5	.4	5.6	88	8.5	83	88	50	0	0	1	0
SPRINGFIELD	73	50	83	45	61	2	.2	- .8	.2	4.3	65	6.9	64	87	53	0	0	2	0
MT BILLINGS	70	44	81	40	57	9	.1	- .3	.1	1.8	78	2.1	58	64	28	0	0	2	0
GLASGOW	70	42	80	36	56	9	.1	- .1	.1	.5	56	.6	33	68	25	0	0	3	0
GREAT FALLS	62	43	73	37	53	6	.1	- .2	.1	2.3	121	3.1	86	59	29	0	0	1	0
HAVRE	65	39	74	30	52	4	T	- .3	T	1.1	85	1.2	55	75	27	0	1	1	0
HELENA	61	43	75	40	52	6	.5	.3	.3	1.7	131	1.9	86	75	38	0	0	2	0
KALISPELL	61	41	71	34	51	6	.3	0	.2	2.3	135	5.8	132	81	37	0	0	3	0
MILES CITY	72	45	85	40	59	10	T	- .4	T	.4	25	.6	24	73	23	0	0	1	0
MISSOULA	62	42	77	35	52	5	.2	- .1	.2	1.7	121	2.6	76	84	41	0	0	4	0
NE GRAND ISLAND	73	48	92	42	60	7	.7	0	.5	4.4	138	4.8	109	91	43	2	0	2	1
LINCOLN	73	50	89	38	61	7	.7	.1	.6	3.9	105	4.3	84	83	45	0	0	2	1
NORFOLK	74	46	94	37	60	8	.3	- .3	.2	2.9	91	3.4	76	85	32	2	0	2	0
NORTH PLATTE	74	44	90	37	59	8	1.3	.8	.6	4.8	178	5.1	142	92	37	1	0	3	2
OMAHA	70	46	90	35	58	4	.5	- .2	.5	2.6	65	3.0	53	79	39	2	0	2	1
VALENTINE	73	43	90	34	58	9	.2	- .3	.1	1.7	77	1.9	61	72	29	1	0	2	0
NV ELY	66	36	76	26	51	8	0	- .2	0	2.4	141	3.4	126	73	28	0	4	0	0
LAS VEGAS	87	61	94	52	74	8	0	- .1	0	.9	113	1.8	106	38	15	3	0	0	0
RENO	70	42	81	35	56	7	0	- .1	0	.9	100	1.9	61	75	28	0	0	0	0
WINNEMUCCA	71	40	83	29	55	8	T	- .2	T	1.2	92	2.2	73	71	22	0	1	1	0
NH CONCORD	51	31	63	25	41	-6	1.0	.3	.5	3.6	71	11.8	116	71	34	0	4	4	0
NJ ATLANTIC CITY	60	33	74	25	47	-8	1.2	.4	.7	6.2	86	10.5	73	89	39	0	4	3	1
TRENTON	58	41	67	33	50	-5	.4	- .3	.4	4.8	75	8.5	71	83	42	0	2	3	0
NM ALBUQUERQUE	80	46	86	42	63	5	T	- .1	T	1.1	138	1.9	112	52	14	0	0	0	0
ROSWELL	79	50	89	46	65	3	.2	.1	.2	1.0	111	1.5	83	72	25	0	0	2	0
NY ALBANY	52	33	61	24	42	-8	.7	.1	.7	2.0	40	7.6	82	77	40	0	4	2	1
BINGHAMTON	48	31	59	22	39	-8	.7	- .1	.5	2.8	51	7.6	74	87	48	0	4	3	1
BUFFALO	48	33	64	23	41	-7	.6	- .1	.5	4.4	83	9.0	83	87	52	0	3	4	0
NEW YORK	56	42	65	34	49	-6	.7	- .1	.6	3.7	54	9.7	75	74	39	0	0	2	1
ROCHESTER	49	32	61	26	41	-9	.5	- .1	.3	2.9	60	7.3	76	88	52	0	5	4	0
SYRACUSE	50	33	61	24	42	-8	.7	0	.5	2.8	49	6.8	61	79	41	0	3	4	0
NC ASHEVILLE	71	46	82	40	58	0	.3	- .5	.2	5.3	70	10.5	70	92	46	0	0	2	0
CHARLOTTE	73	49	79	41	61	-2	T	- .7	T	3.6	49	7.7	51	78	37	0	0	1	0
GREENSBORO	70	44	76	38	57	-4	.3	- .5	.3	3.4	53	7.7	60	82	39	0	0	2	0
HATTERAS	67	53	77	45	60	-1	.4	- .3	.4	3.9	61	7.7	51	78	48	0	0	2	0
RALEIGH	70	45	77	36	57	-5	.4	- .4	.2	3.4	55	7.4	58	95	39	0	0	3	0
WILMINGTON	74	50	84	45	62	-4	.4	- .3	.3	4.3	64	8.5	63	90	41	0	0	2	0
ND BISMARCK	68	36	78	20	52	5	.1	- .2	.1	.3	15	.9	31	81	30	0	2	1	0
FARGO	59	34	74	19	46	0	.1	- .5	.1	.8	31	1.4	40	84	35	0	3	1	0
WILLISTON	75	40	89	34	57	11	.2	- .1	.2	.5	31	.9	36	70	24	0	0	1	0
OH AKRON-CANTON	55	36	68	25	45	-6	.6	- .2	.3	7.0	117	12.4	113	85	39	0	3	4	0
CINCINNATI	63	42	81	30	53	-4	1.3	.5	1.2	6.6	93	11.1	82	75	39	0	1	3	1
CLEVELAND	53	35	67	26	44	-7	.8	0	.4	5.6	93	9.2	82	90	47	0	3	5	0
COLUMBUS	57	38	68	29	48	-6	1.0	.1	.5	6.2	98	11.6	100	82	42	0	1	4	1
DAYTON	57	38	67	28	48	-7	1.2	.4	.6	5.5	90	9.1	81	88	52	0	1	3	1
TOLEDO	54	33	65	25	44	-8	.4	- .3	.3	3.1	63	7.0	80	93	50	0	3	3	0
YOUNGSTOWN	54	36	67	25	45	-5	.8	- .1	.3	5.9	92	10.6	90	82	42	0	2	4	0
OK OKLAHOMA CITY	76	52	84	47	64	1	T	- .9	T	5.6	117	6.9	92	87	49	0	0	0	0

BASED ON PRELIMINARY REPORTS AND 1941-70 NORMALS

Weather Data for the Week Ending April 26, 1981

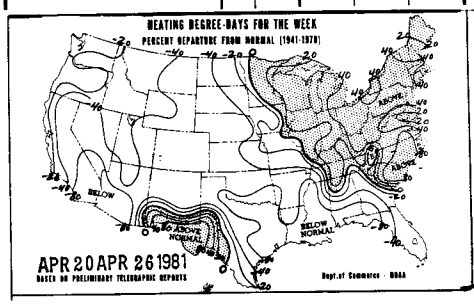
STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Mar. 2	PCT. NORMAL SINCE Mar. 2	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
TULSA	77	55	85	49	66	3	T	- 1.1	T	3.4	56	5.8	62	93	50	0	0	0	0
OR ASTORIA	57	44	59	35	51	2	1.0	0	.3	12.0	113	23.1	81	93	61	0	0	4	0
BURNS	60	41	80	35	51	4	.4	.2	.3	2.6	217	4.3	102	84	44	0	0	2	0
MEDFORD	66	45	80	43	56	4	.4	.2	.2	1.9	76	4.3	52	96	55	0	0	3	0
PENDLETON	63	45	82	40	54	1	.9	.6	.5	2.6	137	4.9	102	86	41	0	0	5	1
PORTLAND	63	47	73	40	55	3	.2	- .3	T	3.8	70	9.2	60	92	60	0	0	5	0
SALEM	63	43	70	34	53	2	.1	- .3	.1	5.3	84	10.7	59	94	59	0	0	2	0
PA ALLENTOWN	55	38	65	28	46	-6	1.0	.1	.9	3.8	56	9.1	72	79	44	0	2	2	1
ERIE	48	34	61	23	41	-7	1.2	.4	.7	6.2	109	12.3	118	78	50	0	2	2	1
HARRISBURG	57	39	62	31	48	-8	.3	- .4	.3	3.5	63	9.8	91	70	37	0	2	3	0
PHILADELPHIA	60	40	69	33	50	-6	.6	- .2	.6	5.2	79	8.7	73	81	39	0	0	2	1
PITTSBURGH	55	35	65	27	45	-8	.5	- .3	.2	5.4	83	10.1	86	88	42	0	3	3	0
SCRANTON	53	35	62	28	44	-7	.9	.1	.7	3.2	63	11.9	129	72	47	0	3	2	1
RI PROVIDENCE	55	37	65	31	46	-3	1.1	.3	.7	4.2	60	9.8	70	76	37	0	2	3	1
SC CHARLESTON	78	54	91	43	66	0	.6	0	.3	4.3	61	7.5	56	94	46	1	0	3	0
COLUMBIA	79	55	88	43	67	1	1.0	.2	.8	4.0	52	8.9	59	94	39	0	0	4	1
GREENVILLE	75	50	83	42	63	0	.3	- .6	.2	4.2	46	8.3	47	82	37	0	0	2	0
SD ABERDEEN	70	38	80	22	54	6	T	- .5	T	2.2	85	2.6	72	74	28	0	3	0	0
HURON	73	39	85	25	56	6	T	- .5	T	2.1	78	2.2	56	85	30	0	2	2	0
RAPID CITY	73	43	84	38	58	10	.3	- .3	.2	.4	14	.7	18	75	28	0	0	3	0
SIOUX FALLS	70	41	87	30	55	6	.1	- .5	.1	2.4	71	2.9	57	84	34	0	1	2	0
TN CHATTANOOGA	73	51	83	40	62	0	1.2	.2	1.0	8.1	85	15.3	80	84	47	0	0	2	1
KNOXVILLE	71	48	80	39	60	-3	1.3	.5	.8	7.4	94	12.2	69	92	55	0	0	2	2
MEMPHIS	78	58	84	53	68	3	1.8	.6	1.0	8.1	84	13.1	66	86	48	0	0	3	1
NASHVILLE	72	48	84	38	60	-3	.6	- .4	.2	7.7	91	13.2	74	92	52	0	0	3	0
TX ABILENE	78	56	82	49	67	-1	1.7	1.1	.8	5.5	190	8.1	162	90	48	0	0	3	2
AMARILLO	80	48	91	42	64	5	T	- .3	T	2.7	169	3.0	120	75	25	1	0	0	0
AUSTIN	80	62	90	55	71	0	.6	- .3	.5	3.4	64	6.8	67	93	57	1	0	3	1
BEAUMONT	80	64	86	60	72	1	2.0	.9	2.0	4.0	61	10.8	72	98	63	0	0	2	1
BROWNSVILLE	84	70	89	64	77	0	.3	- .1	.2	3.9	229	6.5	138	92	62	0	0	3	0
CORPUS CHRISTI	80	66	87	61	73	-2	.9	.3	.4	3.4	126	7.8	122	99	68	0	0	4	0
DEL RIO	79	62	82	57	70	-4	4.0	3.6	2.9	8.5	447	9.4	261	94	63	0	0	5	2
EL PASO	76	49	87	43	63	-4	.4	.4	.4	1.0	143	2.6	163	82	29	0	0	1	0
FORT WORTH	80	58	85	50	69	1	1.1	0	.7	5.5	90	7.9	76	95	50	0	0	2	1
GALVESTON	76	68	78	64	72	1	.3	- .4	.3	.7	14	4.2	40	93	78	0	0	1	0
HOUSTON	83	65	91	60	74	3	2.4	1.5	2.4	4.4	80	9.0	70	93	53	2	0	2	1
LUBBOCK	75	53	85	47	64	1	.3	0	.3	3.2	200	4.1	164	89	39	0	0	1	0
MIDLAND	75	51	84	44	63	-4	.7	.4	.3	2.6	217	3.9	186	90	47	0	0	3	0
SAN ANGELO	77	54	85	47	66	-4	.6	.1	.5	5.7	248	8.0	205	91	45	0	0	4	1
SAN ANTONIO	80	64	89	57	72	0	2.1	1.5	1.5	3.4	92	7.2	94	98	61	0	0	5	1
VICTORIA	80	64	90	61	72	0	.9	.1	.5	2.5	61	5.9	71	99	65	1	0	4	0
WACO	81	58	93	49	70	0	1.2	.2	1.1	3.7	66	6.9	68	96	51	1	0	1	1
WICHITA FALLS	79	55	85	51	67	0	.6	- .3	.6	4.2	95	7.7	113	96	51	0	0	1	1
UT BLANDING	72	40	78	34	56	6	0	- .2	0	3.7	231	4.1	111	64	18	0	0	0	0
SALT LAKE CITY	70	46	80	37	58	6	T	- .4	T	2.5	71	4.0	66	73	31	0	0	1	0
VT BURLINGTON	48	33	61	23	40	-6	.9	.3	.4	4.3	105	10.2	136	90	54	0	4	4	0
VA LYNCHBURG	68	42	78	34	55	-4	.3	- .4	.3	4.1	71	8.4	74	81	32	0	0	2	0
NORFOLK	67	47	80	34	57	-3	.9	.3	.6	4.0	70	7.3	58	81	35	0	0	2	1
RICHMOND	68	43	80	35	56	-5	.8	.1	.4	4.6	79	8.0	69	84	32	0	0	2	0
ROANOKE	67	42	75	33	54	-4	.5	- .2	.5	3.8	66	6.6	56	80	40	0	0	1	0
WA COLVILLE	62	40	74	29	51	2	.3	.1	.2	2.8	147	5.6	104	82	44	0	1	2	0
OMAK	71	44	80	34	57	-	0	--	0	.7	--	3.8	88	37	26	0	0	0	0
QUILLAYUTE	55	41	59	32	48	0	3.6	1.9	1.6	21.1	119	36.7	82	100	63	0	1	6	4
SEATTLE-TACOMA	59	45	69	41	52	2	.1	- .4	.1	3.7	65	10.6	68	85	54	0	0	3	0
SPOKANE	61	40	76	32	51	2	.5	.2	.2	2.5	96	4.9	71	91	39	0	1	3	0
WALLA-WALLA	66	48	85	40	58	3	.9	.5	.8	4.1	152	8.3	130	86	41	0	0	3	1
YAKIMA	68	43	81	31	55	4	0	- .1	0	.1	11	1.7	57	71	31	0	1	0	0
WV BECKLEY	61	37	69	27	49	-5	.8	.1	.5	5.2	74	7.9	56	85	46	0	2	4	0
CHARLESTON	64	40	73	31	52	-6	.6	- .2	.2	5.0	75	10.6	78	90	42	0	2	4	0
HUNTINGTON	65	41	72	29	54	-4	.7	- .1	.3	5.8	85	10.7	82	87	48	0	2	4	0
PARKERSBURG	60	40	68	32	50	-7	.3	- .5	.2	3.8	58	7.8	62	81	42	0	2	4	0
WI GREEN BAY	52	33	58	25	43	-4	.3	- .4	.2	4.5	110	7.2	113	87	50	0	3	2	0
LA CROSSE	57	38	72	33	48	-4	.5	- .1	.5	4.3	100	6.6	108	89	55	0	0	1	0
MADISON	57	34	73	21	46	-3	.1	- .6	.1	3.4	79	5.9	88	85	45	0	3	2	0
MILWAUKEE	48	35	53	28	42	-6	.5	- .1	.5	5.0	111	8.2	111	84	55	0	2	3	0
WY CASPER	69	39	80	34	54	8	.4	0	.2	2.2	100	2.9	94	85	23	0	0	2	0
CHEYENNE	68	40	82	31	54	8	.1	- .3	.2	1.5	65	2.0	63	79	28	0	1	2	0
LANDER	68	38	78	29	53	7	T	- .6	T	3.1	97	4.0	100	73	30	0	2	0	0
SHERIDAN	69	41	81	36	55	8	T	- .5	T	.8	29	1.4	31	74	28	0	0	1	0
PR SAN JUAN	86	75	87	74	81	3	.7	- .3	.6	6.8	148	12.2	112	91	69	0	0	4	1

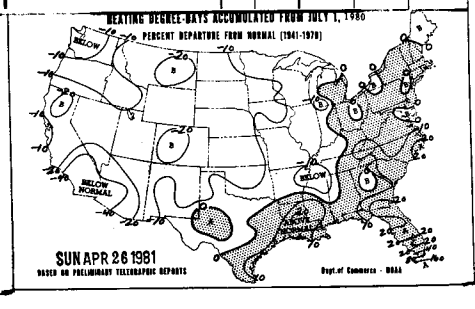
BASED ON PRELIMINARY REPORTS AND 1941-70 NORMALS

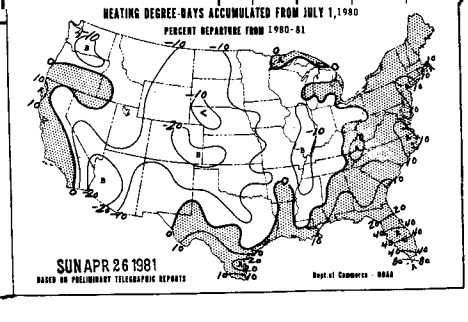
HEATING DEGREE DAYS (BASE 65°) FOR WEEK ENDING APR. 26, 1981.

BASED ON 1941-70 NORMALS. + ACCUMULATION FROM JULY 1. 1980.

STATES AND STATIONS	WEEKLY TOTAL	WEEKLY DEPARTURE*	SEASONAL ACCUMULATION + TOTAL	SEASONAL DEPARTURE*	SEASONAL DEPARTURE FROM 1979-80
ALA. BIRMINGHAM	13	-2	2943	125	106
MOBILE	0	-2	1804	120	167
MONTGOMERY	2	-6	2431	174	345
ARIZ. FLAGSTAFF	89	-57	5238	-1326	-1320
PHOENIX	0	-7	643	-905	-391
TUCSON	1	-10	1269	-479	-139
WINSLOW	32	-34	3976	-588	-531
YUMA	0	-2	392	-613	-153
ARK. FORT SMITH	3	-13	3217	-96	-419
LITTLE ROCK	6	-12	2990	-335	-10
CALIF. BAKERSFIELD	12	-13	1721	-431	145
EUREKA	88	-17	3509	-432	378
FRESNO	15	-18	2238	-336	54
LOS ANGELES	24	-17	908	-704	24
RED BLUFF	9	-32	2022	-574	-171
SAN DIEGO	3	-25	560	-800	22
SAN FRANCISCO	57	-6	2448	-230	152
STOCKTON	22	-18	2318	-387	154
COLO. DENVER	45	-58	4466	-1165	-1179
GRAND JUNCTION	33	-43	4320	-1097	-854
PUEBLO	28	-47	4174	-1009	-1098
CONN. BRIDGEPORT	133	35	5467	304	319
HARTFORD	131	31	6129	79	348
DEL. WILMINGTON	90	20	4847	68	215
D.C. WASHINGTON	53	8	3720	-399	175
FLA. APALACHICOLA	0	0	1578	217	153
DAYTONA BEACH	0	0	1126	229	242
FORT MYERS	0	0	467	10	126
JACKSONVILLE	0	0	1620	293	209
KEY WEST	0	0	174	112	101
LAKELAND	0	0	949	271	339
MIAMI	0	0	267	61	67
ORLANDO	0	0	876	143	242
TALLAHASSEE	0	-2	1927	364	203
TAMPA	0	0	982	264	355
WEST PALM BEACH	0	0	346	47	-6
GA. ATLANTA	14	-6	2925	-135	155
AUGUSTA	18	8	2841	308	155
MACON	4	-3	2194	-36	76
SAVANNAH	6	-1	2147	197	269
IDAHO. BOISE	68	-29	5040	-395	32
LEWISTON	65	-23	4395	-708	264
POCATELLO	90	-30	6096	-431	-39
ILL. CAIRO	28	4	3498	-286	-385
CHICAGO	123	29	5848	-321	-281
MOLINE	98	19	5930	-222	-410
PEORIA	93	17	5688	-175	-483
ROCKFORD	115	19	6146	-389	-740
SPRINGFIELD	65	1	5048	-335	-485
IND. EVANSVILLE	61	16	4414	-94	-449
FORT WAYNE	130	41	5981	-56	-350
INDIANAPOLIS	86	14	5410	-38	-302
SOUTH BEND	127	29	5538	-596	-155
IOWA. BURLINGTON	95	19	5700	-225	-426
DES MOINES	63	-21	5544	-914	-497
DUBUQUE	122	24	6293	-638	-496
SIOUX CITY	63	-22	5889	-800	-582
KANS. CONCORDIA	44	-24	4540	-876	-912
DODGE CITY	31	-29	4084	-798	-1179
GOODLAND	43	-49	4937	-865	-832
TOPEKA	49	-7	4603	-482	-611
WICHITA	26	-19	3937	-632	-827
KY. LEXINGTON	78	25	4731	141	-78
LOUISVILLE	57	7	4249	-262	-287
LA. BATON ROUGE	0	0	1860	190	-24
LAKE CHARLES	0	0	1809	311	150
NEW ORLEANS	0	0	1500	35	12
SHREVEPORT	3	-4	2276	115	-32
MAINE. CARIBOU	184	9	8639	-259	315
PORTLAND	168	30	6923	-16	198
MD. BALTIMORE	83	21	4686	97	329
MASS. BOSTON	136	39	5613	286	375
MICH. ALPENA	187	35	7356	-477	-268
DETROIT	151	51	6445	350	-65
FLINT	159	46	6752	140	202
GRAND RAPIDS	157	49	6501	69	329
HOUGHTON LAKE	179	41	7560	-207	-56
LANSING	180	72	6629	106	-76
MARQUETTE	210	37	8650	-185	-142
MUSKEGON	151	34	6590	141	15
S. STE. MARIE	214	49	8927	517	506
MINN. DULUTH	195	34	8764	-229	10
INTERNATL FALLS	174	13	9258	-576	-571
MINNEAPOLIS	122	9	6938	-828	-482
ROCHESTER	135	17	7114	-684	-367
ST. CLOUD	142	14	7588	-806	-651
MISS. JACKSON	0	-7	2571	281	-77
MERIDIAN	2	-6	2378	1	-67
MO. COLUMBIA	51	-3	4791	-133	-415
KANSAS CITY	50	-9	4735	-452	-526
ST. LOUIS	44	-1	4273	-342	-475
SPRINGFIELD	30	-16	4089	-359	-246
MONT. BILLINGS	55	-66	5283	-1456	-699
GLASGOW	62	-65	6702	-1708	-917
GREAT FALLS	83	-45	6145	-912	-274
HAVRE	92	-30	6670	-1490	-435
HELENA	91	-43	6478	-1047	-571
KALISPELL	97	-43	6626	-1168	-454
MILES CITY	40	-72	5842	-1586	-947
MISSOULA	92	-37	6280	-985	-426
NEBR. GRAND ISLAND	46	-38	5244	-911	-895
LINCOLN	40	-35	5020	-973	-927
NORFOLK	50	-41	5640	-1050	-756
NORTH PLATTE	50	-48	5515	-876	-426
OMAHA	59	-9	5598	-250	-759
VALENTINE	51	-59	5782	-1117	-906
NEV. ELY	96	-53	6078	-946	-180
LAS VEGAS	2	-17	1760	-823	-448
RENO	62	-52	4824	-666	-90
WINNEMUCCA	68	-56	5289	-767	62
N.H. CONCORD	167	41	7265	342	507
N.J. ATLANTIC CITY	127	52	5659	888	701
TRENTON	107	35	5123	345	579
N.MEX. ALBUQUERQUE	18	-31	3924	-288	-78
ROSWELL	12	-16	3182	-484	-295
N.Y. ALBANY	159	54	6825	276	558
BINGHAMTON	173	53	7043	215	487
BUFFALO	166	46	6348	-135	166
NEW YORK	114	39	5062	334	489
ROCHESTER	169	58	6489	157	191
SYRACUSE	163	55	6459	158	299
N.C. ASHEVILLE	43	-7	4123	24	219
CHARLOTTE	31	11	3499	323	138
GREENSBORO	55	23	3954	203	228
HATTERAS	39	9	3182	511	447
RALEIGH	56	28	3731	277	252
WILMINGTON	27	15	2899	477	270
N.DAK. BISMARCK	88	-38	7171	-1348	-961
FARGO	127	-4	7966	-808	-685
WILLISTON	52	-78	7028	-1587	-992
OHIO. AKRON-CANTON	135	39	5950	40	-23
CINCINNATI	86	24	5304	411	-21
CLEVELAND	146	49	6126	299	108
COLUMBUS	113	34	5384	-90	-104
DAYTON	110	33	5604	180	-119
TOLEDO	148	52	6504	437	223
YOUNGSTOWN	135	34	6457	380	170
OKLA. OKLAHOMA CITY	11	-14	3241	-406	-440
TULSA	8	-16	3157	-485	-329
OREG. ASTORIA	98	-15	3698	-887	-318
BURNS	111	-19	6294	-242	103
MEDFORD	64	-28	4045	-493	75
PENDLETON	75	-10	4610	-296	-597
PORTLAND	70	-21	3541	-812	-346
SALEM	84	-12	4062	-311	-201
PA. ALLENTOWN	130	44	5459	-115	359
ERIE	163	41	6269	-103	175
HARRISBURG	96	28	5192	128	159
PHILADELPHIA	101	33	5049	338	422
PITTSBURGH	139	55	6014	353	243
SCRANTON	145	49	6122	133	532
R.I. PROVIDENCE	129	22	5797	174	544
S.C. CHARLESTON	15	8	2395	258	190
COLUMBIA	7	1	3029	447	46
GREENVILLE	25	5	3439	313	199
S.DAK. ABERDEEN	73	-46	6891	-1271	-787
HURON	69	-40	6571	-1085	-576
RAPID CITY	51	-68	5594	-1217	-730
SIOUX FALLS	71	-36	6503	-958	-535
TENN. CHATTANOOGA	16	-9	3569	127	-2
KNOXVILLE	36	10	3865	446	365
MEMPHIS	0	-16	2684	-514	-415
NASHVILLE	38	13	3638	-1	-124
TEXAS. ABILENE	4	-10	2419	-176	-89
AMARILLO	12	-36	3750	-320	-669
AUSTIN	0	-3	1673	-64	12
BEAUMONT	0	0	1688	170	132
BROWNSVILLE	0	0	677	25	22
CORPUS CHRISTI	0	0	1101	171	186
DEL RIO	0	0	1488	-35	142
EL PASO	24	14	2471	-203	-231
FORT WORTH	0	-9	2309	-69	-125
GALVESTON	0	0	1392	168	84
HOUSTON	0	0	1495	-61	-85
LUBBOCK	13	-16	3163	-341	-160
MIDLAND	22	11	2895	278	110
SAN ANGELO	7	0	2330	94	-119
SAN ANTONIO	0	0	1570	0	83
VICTORIA	0	0	1343	116	-29
WACO	1	-3	2093	-35	-253
WICHITA FALLS	1	-12	2650	-237	-346
UTAH SALT LAKE CITY	53	-40	4814	-798	-147
VT. BURLINGTON	171	39	7494	79	649
VA. LYNCHBURG	67	22	4264	137	100
NORFOLK	59	21	3725	306	306
RICHMOND	67	29	4150	291	586
ROANOKE	74	23	4371	189	207
WASH. QUILLAYUTE	121	-4	4469	-686	-184
SEATTLE-TACOMA	88	-15	3942	-708	-319
SPOKANE	98	-18	5747	-557	-157
WALLA WALLA	54	-20	4161	-413	-385
YAKIMA	67	-26	4652	-977	-875
W.VA. BECKLEY	111	32	5540	231	117
CHARLESTON	88	37	4802	359	164
HUNTINGTON	84	32	4683	210	110
PARKERSBURG	96	39	4799	138	-105
WIS. GREEN BAY	158	32	7319	-286	-58
LACROSSE	118	21	6460	-641	-529
MADISON	135	21	6798	-505	-472
MILWAUKEE	161	39	6707	-236	137
WYO. CASPER	75	-60	5894	-1056	-1209
CHEYENNE	78	-57	5535	-1100	-1047
LANDER	84	-50	6102	-1166	-1147
SHERIDAN	73	-55	5955	-1144	-961

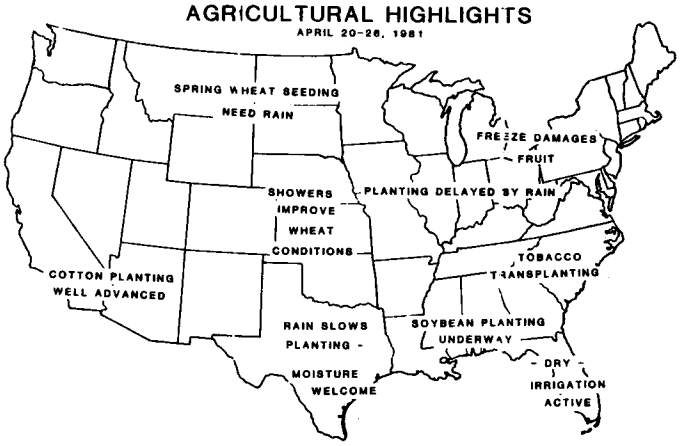






National Agricultural Summary

April 20-26, 1981



HIGHLIGHTS: Rains delayed planting in the Corn Belt, but provided needed moisture for the winter wheat crop in parts of the Great Plains. Freezing temperatures damaged fruit in the Northeastern third of the Nation. Soil moisture was short to adequate except in the east north central States where heavy rains resulted in adequate to surplus soil moisture. Fieldwork was limited to 1 to 3 days in these States, while up to 6 days were suitable in other areas of the Nation. Winter wheat rated fair to good condition except in Kansas where the improved condition was rated good to excellent. Spring wheat seeding was 61% complete, well ahead of last year's 46% and the 33% average. Oats seeding continued ahead of normal. Corn planting was slowed by rain. Progress reached 10% complete, equal to a year ago but 1 point behind average. Cotton planting was 32% finished, 6 points ahead of last year. Rain delayed planting in Texas. Grain sorghum planting in Texas reached 68% complete, 3 points ahead of last year and 8 points ahead of average. Rice seeding was 56% complete while peanut planting was 35% finished. Soybean planting was underway in southern areas. Pastures rated fair to good except in parts of the Southwest and in the northern Plains where condition was poor to fair due to dry weather. Cattle were in fair to good condition.

SMALL GRAINS: Winter wheat rated fair to mostly good in all major producing areas except Kansas where the improved condition rated good to excellent. Wheat made rapid growth. In Kansas development was 1 to 2 weeks ahead of average with 85% jointed, compared to only 30% jointed last year and the 50% average. Oklahoma wheat was 45% headed, ahead of last year's 5% and the 25% average. Small grains in Texas benefited greatly from recent rains, although some dryland fields still had not recovered from earlier moisture shortages. Scattered fields were plowed up and grazed out. Wheat was heading in most areas of Texas and ripening in the Blacklands. Early planted fields in Arizona were maturing rapidly, and harvesting was expected to get underway soon. Pacific Northwest winter wheat rated good to excellent. In the Northern Plains, wheat was in good condition but deteriorating due to drought stress.

Spring wheat seeding in the 5 major producing States was 61% complete, well ahead of last year's 46% and the 33% average. Only Montana and North Dakota producers failed to pass the halfway mark. Idaho producers planted 22% of their acreage during the week and Minnesota growers planted 21%. Oats seeding continued ahead of normal in all areas.

CORN: Corn planting progressed slowly during the week due to rain and wet fields. Planting reached 10% complete in the 17 major States, equal to a year ago but 1 point behind average. Progress was behind normal in Illinois, Iowa, Michigan, Minnesota, and Ohio. Most planting activity centered in the Southeast. Planting was 96% complete in Georgia and 84% complete in North Carolina. In the South, emerging plants were in fair to good condition.

COTTON: Cotton planting reached 32% complete in the 14 major producing States, 6 points ahead of a year ago. Planting in the Southwest was well advanced. It was 85% finished in California and 75% complete in Arizona. Growers in Mississippi planted 31% of their acreage during the week; Louisiana and North Carolina growers, 28%; and Alabama and New Mexico growers, 25%. In Texas, wet fields delayed planting, but rains provided excellent preplanting moisture. Earliest plantings in Arizona were growing well and a few squares were forming. Some replanting was expected in California due to damage from a recent rainstorm.

OTHER CROPS: Grain sorghum seeding in Texas was 68% complete, 3 points ahead of last year and 8 points ahead of average. Little progress was made due to wet fields. Early plantings emerged and were in good condition.

Rice seeding in the 5 major States was 56% complete, 9 points ahead of a year earlier. Planting ranged from 10% complete in California to 91% in Texas.

Peanut planting was at the 35% mark in Mississippi, 32% in Georgia, 16% in Alabama, but just getting underway in Arkansas, North Carolina, and Virginia. Progress was slower than most recent years.

Tobacco transplanting reached 95% complete in Georgia, 94% in South Carolina, and 44% in North Carolina. Plants were in fair to good condition.

Soybean planting was getting underway in southern areas.

FRUITS AND NUTS: Freezing temperatures damaged fruit in areas of New York, Pennsylvania, Michigan, and Ohio. The degree of damage is still being assessed. In New York, many grape varieties were damaged and, in Michigan, emerging cherry buds were nipped. In other growing areas, peaches were in fair to good condition with heavy sets reported. Growers were thinning trees in southern areas.

Florida citrus groves remained very dry. Irrigation was being used in all areas. Some wilt, leaf drop, and die-back of limbs continued in freeze-damaged trees. The Valencia orange harvest increased in volume.

Arizona's lemon harvest was virtually complete, but the Valencia orange harvest continued active. Fruit sized well and grapes showed excellent development.

California's Desert Navel orange, grapefruit, and lemon harvest remained active. Rain showers and warm weather required additional spraying or dusting of fruit orchards and vineyards.

VEGETABLES: Growers in some northern areas planted spring vegetables and began harvesting asparagus.

Warm, dry weather dominated Florida's vegetable growing areas. Irrigation continued very active. Total shipments increased 12% from the previous week. Only volume of cauliflower, celery, escarole, lettuce, radishes, and strawberries declined.

Rains were very beneficial to the Texas vegetable crops. Growers harvested carrots and cabb-

age. Tomatoes were beginning to bloom.

California producers harvested artichokes, asparagus, snap beans, broccoli, cauliflower, carrots, lettuce, onions, peas, peppers, and tomatoes.

PASTURES AND LIVESTOCK: Pastures generally were fair to good except in parts of the Southwest and the northern Plains where dry conditions limited growth. Ranchers turned herds onto summer rangelands in many areas. Calving and lambing were practically complete except in the extreme northern parts of the Nation.

CROP PROGRESS
FOR WEEK ENDING APR 26, 1981

CORN
% PLANTED

	1981	1980	AVG.
COLO	13	1	12
GA	96	76	88
ILL	5	10	13
IND	5	5	5
IOWA	5	12	7
KANS	20	10	10
KY	26	18	24
MICH	2	2	3
MINN	2	4	4
MO	23	15	22
NEBR	4	5	2
N C	84	65	72
OHIO	5	5	10
PA	8	5	6
S DAK	3	0	0
VA	41	28	34
WIS.	2	1	1
17 STATES	10	10	11

THESE 17 STATES PRODUCED 93% OF THE 1980 CORN CROP.

COTTON
% PLANTED

	1981	1980	AVG.
ALA	49	41	43
ARIZ	75	75	72
ARK	17	10	13
CALF	85	84	NA
GA	50	31	63
LA	48	3	16
MISS	50	12	24
MO	6	8	13
N MEX	35	35	47
N C	38	26	31
OKLA	0	0	0
S C	70	43	58
TENN	21	12	15
TEX	19	18	19
14 STATES	32	26	NA
EXCL. STATES WITH NA	26	19	22

NA = NOT AVAILABLE

THESE 14 STATES PRODUCED 99% OF THE 1980 COTTON CROP.

SPRING WHEAT
% PLANTED

	1981	1980	AVG.
IDA	74	74	54
MINN	81	53	40
MONT	40	40	40
N D	48	29	18
S DAK	93	82	53
5 STATES	61	46	33

THESE 5 STATES PRODUCED 92% OF THE 1980 SPRING WHEAT CROP.

RICE
% PLANTED

	1981	1980	AVG.
ARK	44	22	41
CALF	10	40	NA
LA	78	62	68
MISS	80	42	51
TEX	91	93	88
5 STATES	56	47	NA
EXCL. STATES WITH NA	65	48	58

NA = NOT AVAILABLE

THESE 5 STATES PRODUCED 98% OF THE 1980 RICE 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 ESS State Offices in cooperation with the National Weather Service.

ALABAMA: Temperatures near normal. Rainfall scattered. Heaviest northeast and east central, weekly total over 1.00 in.

Soil moisture short. Fieldwork: 5 days suitable. Activities: Disking, planting, applying fertilizer and chemicals, care of livestock and poultry. Planting progress: Corn 84%, 60% 1980, 56% average; cotton 49%, 41% 1980, 43% average; peanuts 16%, 19% 1980, 26% average; sorghum 14%, 5% 1980. Wheat headed 66%, 56% 1980, 62% average; wheat turning color 6%. Condition: Corn, pastures and livestock fair to good; wheat good.

ARIZONA: Warm, sunny most week. Brief light showers. Average temperatures varied normal to 8° above.

Cotton planting excellent progress, approximately 75% complete, earliest plantings good stand, growing well, some squares forming. Small grains ahead normal, virtually all late plantings forming heads, earliest plantings maturing rapidly, harvest expected soon. Alfalfa haying ahead normal. Sugarbeets very good progress, good yield prospects. Safflower good progress, crop growth slightly ahead normal. Preparation, planting corn, sorghum good progress. Lettuce harvest central areas good progress. Harvest other vegetables making seasonal progress. Potato harvest gaining momentum, good yields reported. Dry onion harvest expected to begin this week. Watermelons, cantaloups excellent progress, fruit sizing well. Citrus harvest, mostly Valencia oranges, grapefruit, seasonal progress. Lemon harvest virtually complete. Grapes excellent progress. Poor to fair ranges, water adequate. Soil moisture short to adequate. Livestock fair.

ARKANSAS: Temperatures averaged 0 to 5° above normal. Highest temperature 89°, lowest 37°. Most rainfall 3.42 in., least .04 in.

Soybean planting less than 5%. Rice planting 44%, 22% 1980, 41% average. Cotton planting 17%, 10% 1980, 13% average. Corn planting 61%, 43% 1980, 55% average. Sorghum planting 49%, 18% 1980, 30% average. General crop prospects rated good. Average 5.0 days for fieldwork. Soil moisture supplies short to adequate. Feed on pastures average. Livestock condition good.

CALIFORNIA: Warm temperatures late in the week pushed virtually all stations above normal. Nearly all reported rainfall was on 13th and 14th and both the Sacramento and San Joaquin Valleys received amounts between 0.50 and 1.00 in. Blythe reported a high of 100°, and 25° was the low at Huntington Lake.

Cotton 85% planted. Some replanting expected due to recent rainstorm. Rice 10% planted. All wheat, barley fields headed, looking good. First alfalfa cutting complete. Field corn being planted. Harvest of Haas avocados started. Harvest of Desert Navel oranges, grapefruit and lemons continued. Rain showers and warm temperatures resulted in additional spraying or dusting of fruit orchards and vineyards for mildew and brown rot. Artichokes past peak. Asparagus active Delta, Salinas Valley. Snap bean harvest started South Coast. Broccoli, cauliflower fairly heavy supply Central Coast. Carrot harvest active Desert. Lettuce slowing San Joaquin Valley, increasing Central Coast. Dry onion harvest increasing slowly Desert. Harvest market peas and processing peas started. Bell pepper harvest started Coachella Valley. Market tomato harvest light Coachella. Small acreage processing tomatoes disced due to freeze damage San Joaquin Valley. Spring grasses rapidly maturing rainfall prolonged dryland feed.

COLORADO: Widespread rain east on 20th with hail and heavy rain at several locations. A few showers over the northern half of State on 22d, but generally remainder of week was dry and warm. Temperatures 2 to 9° above average.

Winter wheat jointed 25%. Spring barley seeded 79%, 43% 1980, 53% average; emerged 49%, 15% 1980, 30% average. Spring wheat seeded 60%, 36% 1980. Sugarbeets seeded 78%, 17% 1980, 42% average. Onions seeded 65%, 50% 1980. Oats seeded 79%, 24% 1980, 44% average. Corn seeded 13%, 1% 1980, 12% average. Four and one-half days suitable for fieldwork. Livestock in good condition.

FLORIDA: High pressure brought fair weather on the 20th. On the 21st, a cold front brought scattered showers and a few thunderstorms to northern areas and a few showers into central sections. Fair and mild weather prevailed at midweek. Another weak front then produced a line of showers in north Florida, Gainesville area. These showers moved south dissipating upon reaching central areas. Rainfall mostly under 0.10 in. High temperatures mostly in the 80's with a few low 90's. Lows mainly in the 60's but cooled to as low as 45° north at weekend.

Soil moisture short except for a few isolated areas. Corn fair condition, young corn showing dry weather stress. Tobacco fair, transplanting practically complete. Peanut planting increasing in Panhandle. Cotton planting underway, most acreage in Santa Rosa County. Soybean land being prepared for planting, a few early fields planted. Small grains need rain. Sugarcane fair condition. Pastures poor to fair. Cattle mostly fair condition. Citrus groves dry, irrigation used all areas. Lakes, ponds and streams drying. Some wilt and leaf drop, limb die back continues in freeze damaged trees. Valencia harvest increasing. Weather continued mostly dry with little to no rainfall in vegetable areas. Warm days, mild nights continued. Irrigation very active all areas. Total shipments up 12% from previous week. Harvest gained snap beans, carrots, Chinese cabbage, sweet corn, eggplant, peppers, potatoes, and tomatoes. Supplies about steady cabbage, cucumbers, okra, parsley and squash. Volume declined cauliflower, celery, escarole, lettuce, radishes, and strawberries. Strawberry season Hillsborough-Manatee area mostly complete except for some U-Pic. Watermelon crop condition remains fair to good. Light harvest underway and increasing.

GEORGIA: Rainfall averaged near 1.00 in. north and central, but less than 0.25 in. extreme southeast and southwest. Several spots west central received 1.00 to 2.00 in. Most rain fell midweek. Quite warm early in week, cool midweek, with averages 3 to 6° above normal. Spotty amounts, less than 0.25 in. southeast end of week. Dry 25th and 26th with warming to near normal by 26th.

Soil moisture short to adequate, some improvement over last week. Four days suitable for fieldwork. Corn 96% planted, last year 76%, average 88%. Condition fair to good. Tobacco 95% transplanted, last year 88%, average 96%. Condition fair to good. Peanuts 32% planted, last year 22%, average 50%. Condition fair to good. Watermelons 91% seeded, last year 79%, average 88%. Condition fair to good. Soybeans 4% planted, 2% last year, average 5%. Condition mostly fair to good. Cotton 50% planted, last year 31%, average 63%. Condition fair to good. Sorghum 18% seeded, last year 10%. Small grains fair to mostly good, lodging and dry weather problems some areas. Peaches heavy set, thinning active. Conditions good for peaches, fair to mostly good for apples. Vegetables fair to mostly good. Livestock fair to mostly good.

HAWAII: Weather turning drier. Rainfall light and scattered most sections. The Waimea District, Island of Hawaii, again experiencing drought-like condition. Water levels irrigation reservoirs down. Water use restrictions reimposed. Crop condition not affected. Advent of warmer weather increased insect population most areas. Frequent spraying necessary. Vegetables: Supplies moderate to heavy most crops. Insects affecting yields for some crops but not serious. Bananas: Supplies light. Papayas: Production lower. Upswing expected next month. Pineapples: Harvest activity increasing. Sugar: Steady harvesting. Pastures: Generally fair to good. Poor to fair in some dry areas. More moisture needed.

IDAHO: Temperatures ranged 3 to 7° above normal, averaging in the low to mid 50's. Precipitation above normal at most locations. Boise had the high honors with 1.52 in.

Spring wheat planted 74%, 74% 1980, 54% average. Spring barley 62%, 68% 1980, 52% average. Sugarbeets 74%, 83% 1980, 70% average. Onions 86%, 88% 1980, 90% average. Dry peas 46%, 64% 1980, 86% average. Lentils 46%, 92% 1980, 56% average. Potatoes 18%, 16% 1980, 18% average. Winter wheat rates good to excellent. Range and pasture very good. Irrigation water supplies adequate. Four days suitable.

ILLINOIS: Temperatures 2 to 5° below normal. Precipitation scattered, mostly 0.33 to 1.60 in. Heaviest north, lightest west.

Corn planting 5% complete, 10% 1980, 13% average. Winter wheat condition 33% excellent, 65% good, 2% fair. Alfalfa condition 19% excellent, 75% good, 6% fair. Pastures 18% excellent, 73% good, 9% fair; supplying 65% roughage requirements livestock, 47% 1980, 54% average. Soil moisture 12% short, 78% adequate, 10% surplus. Fieldwork: 1.3 days suitable.

INDIANA: Near normal temperatures which ranged from 27 to 87°. Numerous frost reports on 21st. Rainfall zero to 3 in. Division averages, 0.40 to 0.70 in. north, 1.00 to 1.30 in. central, 0.50 to 1.50 in. in south. Heaviest southeast.

Soil temperatures at 4 in. depth averaging in 50's. Fieldwork averaged 1 day. Topsoil moisture mostly adequate to surplus. Subsoil moisture adequate. Pastures in good condition. Spring cropland 93% plowed, 1980 65%, average 75%. Corn 5% planted, 1980 5%, average 5%. Oats 96% seeded, 1980 45%, average 70%. Wheat good condition. Wheat 12 in. high, 1980 7 in. high, 8 in. average. Wheat 40% jointed, 1980 10%, average 20%.

IOWA: Temperatures 3° subnormal northeast, 4° above normal west; light showers falling primarily 21st and 22nd. High winds blew topsoil, 23rd.

Topsoil moisture: 21% short, 60% adequate, 19% surplus. Subsoil moisture: 45% short, 48% adequate, 7% surplus. Plowing: 96% complete, 1980 82%, normal 76%. Oat acreage emerged: 95% emerged, 1980 20%. Corn acreage planted: 5% complete, 1980 12%, normal 7%. Fieldwork: 3.2 days suitable. Crop conditions: Pasture, winter wheat, alfalfa hay, clover hay, oats, all mostly good. Livestock in excellent condition, replacements slowly occurring.

KANSAS: General rains averaging 0.50 to 1.00 in. east and south, upwards to 3.25 in. northwest district, somewhat spotty southwest. Well above normal temperatures averaging 52° northwest to 60° southeast and south central and 5 to 8° above normal west and north to 3 to 4° above normal southeast. Highs 80's and low 90's over weekend with a few record highs 25th.

Wheat rapid growth, 10 days to 2 weeks ahead schedule. Greenbugs present, natural and applied control keeping in check. Surface moisture adequate, raises farmers' hopes. Crop rated good to excellent. Corn planting ahead last year. Wheat jointing 85%, 30% 1980, 50% average. Corn planting 20%, 10% 1980, 10% average.

KENTUCKY: General and substantial rains 19th and again on 23rd brought rainfall totals averaging from 1.00 to 1.50 in. in east to around 2.00 in. west. Localized areas received over 4.00 in. Temperatures averaged a few degrees below seasonal normals during period, generally in upper 50's.

Wet conditions slowed corn planting; 26% complete, last year 18%, average 24%; 35% of corn planted in western areas, 20% Statewide, has emerged and is in good condition. Plants in all but the late planted tobacco beds have emerged; 15% of plants are size of half dollar or larger. Small grains in good condition with 75% of barley and 20% wheat heading. Pastures and hay making rapid growth. Average height of alfalfa 15 in., some cutting underway.

LOUISIANA: Rain Statewide. Greatest total 2.45 in.

Soil moisture supplies short. Temperatures 1 to 3° above normal. Extremes: 47 and 90°.

Fieldwork: 5.2 days suitable. Spring plowing 92% complete, 69% 1980. Corn condition fair to good; planted 86%, 57% 1980, 75% average; emerged 76%, 35% 1980. Rice condition fair to good; planted 78%, 62% 1980, 68% average; emerged 65%, 50% 1980. Cotton planted 48%, 3% 1980, 16% average. Sugarcane condition fair to good. Wheat condition fair to good. Pastures, livestock rated fair to good. Strawberry harvest winding down.

MARYLAND AND DELAWARE: Temperatures near normal. Highs mid 60's low 70's. Lows mid 40's. Precipitation mostly 0.50 in. Range 0.13 to 3.44.

Topsoil moisture adequate. Subsoil short to adequate. Maryland had 5.0 days suitable for fieldwork, Delaware 6.5 days. Pasture and hay good condition. Plowing 80% complete, last year 70%. Corn planting beginning. Small grains good to excellent. Oats planting nears completion. Tobacco growers marketing 1980 crops, spraying beds. Green peas 90% planted. Potatoes nearly complete. Fruit damaged by scattered frost. Strawberries in bloom.

MICHIGAN: Temperatures 5 to 8° below normal. The northern and central portions of the Lower Peninsula had 0.50 to 0.70 in. of precipitation. Elsewhere rainfall ranged from 0.90 to 1.60 in.

Cool wet weather limited fieldwork to 2 days on light soils only. Freezing temperatures early in the week damaged emerging cherry buds in northwest Lower Michigan. Crop potential lowered. Full extent not known. Soil moisture supplies adequate to surplus. Corn 2% planted, 2% last year, 3% normal. Oats 70% seeded, 19% last year, 40% normal. Potatoes 30% planted, 5% last year, 11% normal. Sugarbeets 75% planted, 6% last year, 40% normal.

MINNESOTA: Temperatures averaged 2 to 5° below normal northeast and near normal elsewhere. Extremes: 83° at Pipestone and Worthington and 17° at Grand Forks. Precipitation averaged normal to 0.50 in. below northwest, west central and southwest; normal to 0.50 in. above normal north central, central, south central and southeast; 0.50 to 1.58 in. above normal northeast and east central. Precipitation totals were less than 0.25 in. northwest, west central and southwest; 0.25 to 1.00 in. north central, central, south central and southeast; 1.00 to 2.25 in. northeast and east central.

Rain and cool weather delayed fieldwork. Planting in northwest progressed rapidly with little rain. Topsoil moisture surplus in east and short in west. State rated 7% very short, 19% short, 64% adequate and 10% surplus. Planted: Spring wheat 81%, 1980 53%, normal 40%; oats 76%, 1980 47%, normal 42%; barley 66%, 1980 46%, normal 30%; flax 9%, 1980 7%, normal 10%; field corn 2%, 1980 4%, normal 4%; soybeans 0%, 1980 0%, normal 0%; sugarbeets 68%, 1980 52%, normal 26%; potatoes 12%, 1980 6%, normal 6%; sunflowers 4%, 1980 1%, normal 1%; green peas for processing 42%, 1980 19%, normal 25%; sweet corn for processing 1%, 1980 2%, normal 1%. Emerged: Spring wheat 33%, 1980 6%, normal 16%; oats 34%, 1980 1%, normal 18%; barley 17%, 1980 7%, normal 10%.

MISSISSIPPI: Temperatures 2 to 5° above normal. Extremes: 41 and 89°. Scattered showers and thundershowers brought rain to most areas although most stations reported less than 0.50 in. Greatest 24-hour precipitation 1.63 in.

Soil moisture short to adequate. Fieldwork: 5.8 days suitable. Cotton 50% planted, 12% 1980, 24% average; 20% up to stand. Rice 80% planted, 42% 1980, 51% average; 24% up to stand. Corn 85% planted, 50% 1980, 50% average; 60% up to stand. Soybean planting just underway. Wheat 96% headed, 59% 1980; 2% ripe, 2% 1980. Watermelons 88% planted. Peanuts 35% planted, sorghum 8% planted. Wheat and pasture condition good.

MISSOURI: Temperatures averaged near normal. Precipitation fell in varying amounts as springtime thunderstorms continued.

Fieldwork: 1.8 days suitable. Corn 23% planted, last year 15%. Grain sorghum 6% planted, last year 3%. Soybeans 1% planted, last year 1%. Wheat 14% headed, last year 1%. Cotton 6% planted, last year 8%.

MONTANA: Moderate to heavy amounts of rain fell over portions of west and southwest. Some of extreme eastern parts of northeast received about 0.25 in. of rain. Elsewhere dry conditions prevailed. Temperatures were very mild and ranged from 6 to 9° above normal. Highest 87° at Broadus, lowest 25° at West Yellowstone.

Topsoil and subsoil short eastern third of State, short to adequate elsewhere. Winds depleting moisture supplies. Days suitable for fieldwork: 6. Winter wheat condition fair to good, winterkill light. Current percent spring crops planted compared with last year and the average: Spring wheat 40, 40, 40; barley 45, 35, 35; oats 40, 30, 35; sugarbeets 55, 60, 60; corn 15, 10, 15; potatoes 10, 5, 10; dry beans 25, 20, 10. Calving 85%, lambing 80%, shearing 80% complete. Range and pastures growing; range feed supply short except west and central short to adequate. Stock water supply short in eastern third; short to adequate elsewhere.

NEBRASKA: Precipitation widespread beginning of week; much of the State received well over 1.00 in. In the southern half, 2.00 to 4.00 in. reported at several locations. Temperatures 5 to 11° above normal.

Winter wheat condition fair to good. Jointing underway. Corn planting near 5%, 5% last year, 2% normal. Oats seeding near 100%, 90% last year, 75% normal. Sugarbeet planting virtually complete. Topsoil moisture short to adequate. Subsoil supplies mostly short. Pasture and range feed supplies mostly short to adequate. Days suitable for fieldwork: 3.9.

NEVADA: Warm, summer-like weather most of week. Cold and windy end of period. Precipitation scattered, light, confined largely to western Sierras. Temperatures averaged above normal.

Alfalfa hay harvest progressing extreme southern valleys. Livestock movement to summer ranges full swing. Seeding small grains beginning extreme south.

NEW ENGLAND: Above normal readings gave way to cool weather midweek. Storm end of week returned temperatures to near normal and left 0.75 to 1.00 in. of rain south and central to less than 0.50 in. north.

Fieldwork south hampered by rain midweek. Apple trees south three-quarter in. green to tight cluster. Pear trees at swollen bud to bud burst.

NEW JERSEY: Temperatures averaged 5 to 7° below normal. Extremes: 23° at Newton on the 22nd and 74° at many South Jersey locations on the 23rd. Rainfall averaged 0.69 in. north, 0.61 in. central and 0.58 in. south. Heaviest 24-hour total was 1.05 at Long Branch on the 23rd. Estimated soil moisture, in percent of field capacity, averaged: 97 north, 90 central and 92 south. Four inch soil temperature averaged: 49° north, 53° central and 55° south. Total sunshine at Trenton for 20th thru 26th was 51% of possible hours.

Fieldwork: 5.0 days suitable. Cold night temperatures have slowed crop growth and caused fruit bloom damage. Asparagus marketing light. Spinach volume good. Apple trees blooming. Field corn planting started. Warmer weather would be beneficial for all crops.

NEW MEXICO: Scattered showers developed midweek over eastern and southern portion. Temperatures averaged a few degrees warmer than normal.

Soil moisture continues in short supply. Weather favorable for outside activity. Planting of cotton and corn underway. Planting of cotton about 35% complete compared to 35% last year. Early planted fields now emerging. Alfalfa fields in good condition with some early first cuttings continuing. Irrigated wheat and barley in good condition. Dryland crops in poor condition and in need of rain. Corn planting underway with some plants emerging. Lettuce in good condition with harvest just beginning. Onions progressing well. Potatoes and sugarbeets emerging and doing well. Ranges continue in poor condition, however, recent moisture should improve condition in some areas. Cattle and sheep in fair to good condition.

NEW YORK: Temperatures 5 to 10° below normal. Scattered showers brought near normal rainfall.

Cool wet conditions slowed fieldwork, progress still ahead of normal. Oat planting 30% done, 11% 1980, 29% average. Early field corn, vegetable planting underway. Muckland onion planting in high gear. Freeze on 21st damaged all types of tree fruit and many grape varieties Statewide. Degree of damage still being assessed.

NORTH CAROLINA: Temperatures 2 to 4° below normal. Precipitation below normal.

Fieldwork: 5.4 days suitable. Soil moisture: 27% very short, 46% short, 27% adequate. Conditions: Wheat, oats, barley and rye fair to good; pasture fair to good; tobacco plant beds fair to mostly good; Irish potatoes fair to mostly good; peaches fair to mostly good; truck crops mostly fair to good; tobacco plant supply adequate. Supplies: Feed grains mostly adequate; fuel supplies mostly adequate. Planting: Corn 84%, 1980 65%, 72% average; cotton 38%, 1980 26%, 31% average; flue-cured tobacco 44%, 1980 17%, 24% average; soybeans and peanuts underway.

NORTH DAKOTA: Temperatures 1 to 10° above normal. Averages from 45° northeast to 56° southwest. Extremes: 89° northwest to 14° northeast. Precipitation averaged 0.17 to 0.47 in. below normal. District averages from 0.02 southeast to 0.18 in. southwest; average precipitation since April 1 from 0.71 in. below normal northeast to 1.01 in. below normal west central.

Wind erosion and dry weather depleted soil mositure over much of the State. Rainfall at end of week helped. Topsoil moisture very short 16%, short 44%. Subsoil very short 20%, short 40%. Still more rain needed to replenish soil moisture and inprove pasture growth. Average of 6.9 days suitable for fieldwork. Some delays due to cool soil temperature. Seeding well ahead of last year and normal. Seeding progress with last year and average: Hard red spring wheat 48, 29, 18; durum wheat 26, 16, 10; barley 37, 24, 14; sugarbeets 68 this year, 67 last year; flax 3, 3, 3.

OHIO: Temperatures were from 3 to 8° below normal. The lowest readings were in the northwest. Early morning lows were only 1 to 2° below normal, but afternoon readings were dampened by an influx of central Canadian air and minimum solar load. Precipitation widespread, but totals were 0.25 to 0.50 in. below normal. Four inch soil temperatures holding in the low to mid 40's overnight while daytime readings are well into the 50's.

Winter wheat rated very good. Some stands advanced into flag stage; no water damage reported. Germination of early seeded oats crop slowed by cool weather. Fertilizer and corn seed in good supply. Frost on evenings of the 20th and 21st damaged fruit trees; peaches rated only poor to fair. Corn acreage planted 5%, 5% 1980, 10% average. Oats planted 80%, 45% 1980, 60% average. Sugarbeets planted 70%, 15% 1980, 45% average. Wheat jointed 15%, 2% 1980. Oats emerged 45%, 2% 1980. Potatoes planted 20%, 10% 1980, 35% average. Days favorable 1.5. Pasture condition good. Soil moisture 35% adequate, 65% surplus.

OKLAHOMA: The week continued dry. Only significant precipitation southern and southeastern areas. Amounts southeast ranged 0.50 to 1.50 in. Temperatures averaged near normal south to 5° above normal northwest. Guymon warmest with 93° on 26th.

Wheat crop development progressing well ahead normal. Harvest may begin as early as late May on early maturing varieties. Head and kernel counts below normal as result moisture stress during most of growing season. Wheat jointing: 100%, 1981; 85%, 1980; 90%, average. Wheat heading: 45%, 1981; 5%, 1980; 25%, average. Days suitable for fieldwork: 4.4.

OREGON: Temperatures 3 to 9° above normal. Coastal stations reported 0.70 in. of rain; southeastern section 1.20 in.; all other sections 0.10 to 0.20 in.

Soil moisture supplies mostly adequate; some localities short to adequate. Winter wheat condition good; 18% booted. Mint generally good; flaming underway. Seed crops good; rust sprays being applied to bluegrass. Hay fields progressing rapidly. Fruit trees in bloom at higher elevations; crops in generally average to good shape; sprays going on. Strawberries starting to bloom. Filbert leafroler spraying continue. Ground preparation for potato planting at higher elevations. Onion planting in full swing in Willamette Valley. Virually all green peas in; preparation for other vegetable crops underway. Harvest of rhubarb, spinach and radishes underway. Livestock generally good condition. Range and pastures fair to mostly good to excellent condition. Green chopping for dairy herds underway. Ranges looking real good; need warm weather and additional moisture.

PENNSYLVANIA: A cool and windy week with showers mid-period. Temperatures averaged 2 to 6° below normal even with 4 days of abundant sunshine. Daytime highs 40's to 60's and overnight lows 20's to 40's most places with near to below freezing temperatures Statewide 21st and 22nd mornings. Extremes: 70 and 13°. Midweek showers produced 0.33 to 0.66 in. rainfall south and 0.50 to 1.00 in. north. Snow flurries central mountains 25th.

Three days suitable for fieldwork. Moisture adequate to short. Activities: Plowing; discing; planting oats, potatoes, corn, forage crops, sweet corn, soybeans and tobacco beds; repairing fences; hauling manure; spreading fertilizer and lime; and repairing equipment. Plowing 68%, last year 42%, average 55%. Soybeans 8% planted compared with 6% last year. Oats 70% planted, last year 42%. Potatoes 40% planted compared with 8% last year. Tobacco beds 60% sown, while last year planting was virtually complete. Corn 8% planted compared with 5% last year and average of 6%. Barley 8% in boot stage, last year less than 5%. Wheat less than 5% in boot stage, same as last year. Hay stand conditions mostly good to fair. Feed from pastures mostly average to below average. Peaches 25% pink, 66% in full bloom or past. Cherries 28% pink, 60% in full bloom or past. Apples 38% pink, 28% in full bloom or past. Some additional frost damage has been reported to peaches, cherries, pears, apples and asparagus but severity is not yet known.

PUERTO RICO: Island average rainfall 0.95 in. or 0.30 in. below normal. Temperatures averaged 79 to 78° on Coasts and 74 to 73° Interior Divisions. Extremes: 93 and 50°.

SOUTH CAROLINA: Temperatures averaged near seasonal values. Rainfall below normal, only scattered showers.

Cotton planting 70% complete, well ahead of last year's 43% and 58% average. Corn planting 96% complete, 77% last year and 88% average. Tobacco transplanted 94%, last year 73%, average 81%. Vegetable condition fair to good. Snap beans planted 89%, last year 85%. Cucumbers 75% planted, 92% last year. Watermelons 92% planted, 83% last year, 90% average. Cantaloups 77% planted, 82% last year. Peaches in good condition. Wheat, 73% headed. Oats, 65% headed. Condition all small grains fair to good but in need of additional moisture during critical stage of development.

SOUTH DAKOTA: Precipitation scattered over entire State. Most in east central and southwest. Average temperatures 6 to 9° above normal. Extremes: 22 and 91°.

Fieldwork made rapid progress, 6 days suitable. Topsoil moisture short over most of State; critically short in northwest and west central, adequate in east central. Farm activities include small grain seeding, flax planting, row crop field preparation, calving and lambing. Over half of small grains have emerged. Winter wheat and rye in good condition but deteriorating due to drought stress. Livestock in good condition. Calving 79% done, lambing 81%. Stock water supplies short. Pastures poor in west half and north central; fair elsewhere. Twenty-five percent of cattle moved to pasture. Oats seeded 94%, 1980 79%, average 55%. Barley seeded 90%, 1980 72%, average 48%. Spring wheat seeded 93%, 1980 82%, average 53%. Flax seeded 34%, 1980 14%, average 10%. Corn seeded 3%.

TENNESSEE: A cold front and warm air masses moved across the State. Temperatures were near normal in the west and 2° below normal in middle and east. Precipitation followed each front and averaged near normal.

Fieldwork: 2.5 days suitable. Soil moisture adequate to surplus. Spring plowing 83% complete, 1980 and average 67%. Corn 40% planted, 1980 30%, average 32%. Cotton 21% planted, 1980 12%, average 15%. Wheat 43% headed, 1980 5%, average 23%. Oats 35% headed, 1980 7%, average 18%. Barley 52% headed, 1980 15%, average 39%. Small grains rated in good condition. Pastures good. Alfalfa weevil, cutworms and aphids widespread. Insect damage to gardens and fruit trees reported in some areas.

TEXAS: Weather: Two cold fronts scattered showers, thunderstorms West, North Texas. Showers continued South Texas later week response upper air disturbance. Sunday showers stopped. Temperatures few degrees above normal except Trans-Pecos, South Texas areas where extensive cloudiness kept temperatures below normal. Rainfall above normal.

Range and livestock: Rangeland, pastures received beneficial rains during week. Additional moisture promoted growth of grasses, weeds, providing adequate grazing in most areas. Supplemental feeding virtually stopped. Livestock good to excellent condition. Rains helpful in replenishing dry stock tanks.

Commercial vegetables: Rio Grande Valley, rains beneficial, watermelons, onions, cabbage making good progress. Harvesting of carrots, cabbage light. Harvest of Valencia oranges continued. Coastal Bend, growth of watermelons, cucumbers picked up. San Antonio-Winter Garden area, carrot harvest continued, volume light. Cucumbers, cabbage showing good growth. East Texas watermelons progressing well, planting virtually complete. Tomatoes beginning to bloom, sweetpotatoes making good growth. North Texas, tomatoes, onions developing rapidly. Aphids continued problem. Trans-Pecos region, hail high winds caused damage to onions. Plains, potatoes up to good stands. Onion transplanting nearly complete, plants showing good growth. Pepper planting delayed by rain. Fruit set on peach trees continues heavy, thinning necessary. Much leaf curl. Pecan trees in good condition. Producers busy spraying.

Crops: Recent rains improved moisture conditions. Locally heavy thunderstorms, hail damaged, destroyed some crops scattered areas. Army worms problem Blacklands. Wet fields slowed cotton planting. Rains provided excellent preplant moisture. Blacklands army worms stripping leaves newly emerged plants. Sorghum planting little progress wet fields delayed seeding. Fields Low Plains planted before rain emerged good condition. Aphid, greenbug infestations heavy Edwards Plateau. Corn planting full swing High Plains; South Central Texas some stands laid over by high winds. Small

grain fields greatly benefited from recent showers. Dryland wheat High Plains still not recovered from earlier drought conditions; scattered fields plowed up, grazed out. Wheat heading in most areas, turning color Blacklands. Some wheat Southern Low Plains, Edwards Plateau severely damaged or destroyed hail storms. Reported wheat condition Statewide is 14% excellent; 44% good; 33% fair; and 9% poor. Peanut planting active South Texas. Wet fields delayed land preparation, planting Cross-Timbers. Rice planting continued Texas Coast. Cotton planted 19%, 18% 1980, 19% average. Rice planted 91%, 93% 1980, 88% average. Rice emerged 70%, 54% 1980. Sorghum planted 68%, 65% 1980, 60% average. Wheat headed 39%, 14% 1980, 7% average. Corn planted 73%, 72% 1980, 65% average. Peanuts planted 13%, 9% 1980, 12% average. Sugarbeets planted 91%, 95% 1980, 95% average. Sunflowers planted 12%, 2% 1980, 0% average.

UTAH: Few widely scattered showers forepart period and again latter part. Accumulated amounts moisture very variable ranging from little or none to locally moderate. Average temperatures ranged from near normal to 6° above.

Fieldwork made good progress with 5.4 days suitable. Planting several days ahead of normal and well ahead of last year. Seeded to date are: Spring wheat 82%, barley 67%, and oats 48%. Corn planting began. Early fruits past full bloom. Tart cherries and apples will peak first two weeks of May. Fruit looks good so far but frost still possible. Crops making good growth in unusually warm weather. Alfalfa 5 in. high, winter wheat 6 inches. Livestock in good condition. Calving three-fourths complete, lambing two-thirds.

VIRGINIA: Temperatures ranged widely from below freezing to mid 80's. Warmest early in period, cooler later. Moderate rainfall during entire period.

Topsoil moisture continued slow improvement, 63% adequate, 36% short. Days suitable for fieldwork: 4.5. Corn planting progress at 41% complete, 28% 1980, 34% average, good condition. Soybeans 2% planted, same as average, 1% last year. Peanuts less than 1% planted, same as 1980, 2% average. Some tobacco transplanted in south. Cotton planting not begun. Wheat, pasture and tobacco beds in excellent condition. Rye and small grain silage harvest active northern and central areas. Fruit crop prospects very good. Freeze damage not extensive. Livestock condition good.

WASHINGTON: West: Temperatures were 2 to 3° above normal. Precipitation was 0.40 in. below in the Cascade foothills to 1.00 in. above on the Coast. Fieldwork behind normal due to excessive rain in April. Some vegetable crops and seed potatoes were planted on well drained fields. Field rhubarb and tulip harvest continued. Generally, all crops were looking good and showing signs of good progress. Berry crops were beginning bloom or were bloom. Dairymen continued green chopping.

East: Temperatures were 3 to 7° above normal. Precipitation was 0.10 below in the Okanogan Big Bend area to 0.60 in. above in the Palouse-Blue Mts. Improved weather conditions from last week contributed to good potential for fruit set and improved pollination. Too early to assess total freeze damage of previous week. But reports indicate apple, pear and cherry crops were reduced. Asparagus harvest continued. Corn and potato planting made progress as did hop tying. Wheat continued to suffer from rust and powdery mildew. Wheat and barley range from average to above average. Soil moisture in drylands was fair to good.

WEST VIRGINIA: Temperatures 4° below normal. High 78, low 16°. Precipitation below normal in the northwest and northeast, above normal in all other areas. Precipitation ranged from 1.55 in. to a trace.

Soil moisture adequate to surplus. Days worked averaged 2.7 days. Corn planted 4%, 6% in 1980. Oats planted 49%, 40% in 1980. Tobacco bed planted 86%, 64% in 1980, emerged 42%, 20% in 1980. Wheat, oats, barley, corn, tobacco, hay and apples all fair to good condition. Peaches in fair to poor condition. Hay, grain and other feed supplies adequate.

WISCONSIN: Temperatures 3° below normal. Highs 40's and 50's most of week but reached 70's 26th. Lows 20's and 30's. Extremes: 76 and 20°. Rainfall heaviest northwest where storm system left 1.00 to 2.00 in. 22nd to 23rd. Spooner received 2.00 in. amounts, 0.50 in. or less southern areas.

Fieldwork: Slowed by cool, wet conditions; 3 days suitable. Oats seeding 40% done, 1980 20%, average 25%. Most done south, north just started

OUTLOOK FOR 90 DAY AVERAGE TEMPERATURES

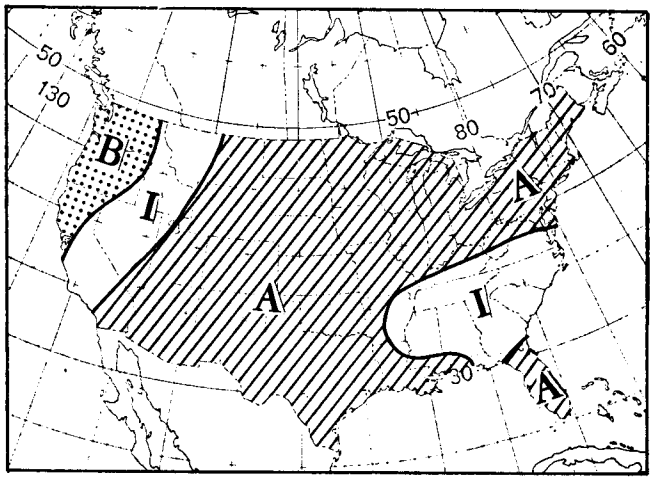
MAY THROUGH JULY 1981

A — ABOVE NORMAL, 60% CHANCE OF OCCURRENCE

B — BELOW NORMAL, 60% CHANCE OF OCCURRENCE

I — INDETERMINATE, 50% CHANCE OF ABOVE NORMAL
50% CHANCE OF BELOW NORMAL

The two categories Above and Below are to be compared to the long-term average or "normal" temperatures of the year 1941-70. Each category has a natural climatic frequency or probability of 50%. Each carries a 60% probability of occurring where forecast (shaded area), based on the verification scores of twenty-two years of experimental seasonal predictions.



NOAA,National Weather Service,Climate Analysis Center

on heavier soild. Early oats up. Spring wheat and barley being planted. Winter wheat looks very good. Spring plowing 30% done, 1980 18%, average 20% Corn ground being plowed, a little planting underway. Corn 2% planted, 1980 1%, average 1%. Corn planting will be active as soil temperatures become warmer. Hay fields and pastures growing good with adequate moisture. Winter survival of hay stands variable. Tobacco beds being seeded. Peas, potatoes, and sweet corn being planted. Soil moisture adequate to surplus.

WYOMING: All stations reported above normal temperatures while majority reported above normal precipitation. Highest temperature 87° in Belle Fourche Drainage lowest 21° in Snake Drainage.

Topsoil moisture short 68% State. Acreage planted: Spring wheat 45%; oats 50%; barley 70%; sugar beets 85%. Acreage emerged: Spring wheat 25%; oats 20%; barley 45%; sugar beets 20%. Fertilizer supplies adequate all areas. Fieldwork: 5.0 days suitable. Spring calves born 80%. Ewes lambed Range 45%; farm flock 85%. Sheep shorn: Range 55%; farm flock 85%. Cattle and sheep losses due to unfavorable weather and disease lighter than normal most areas.

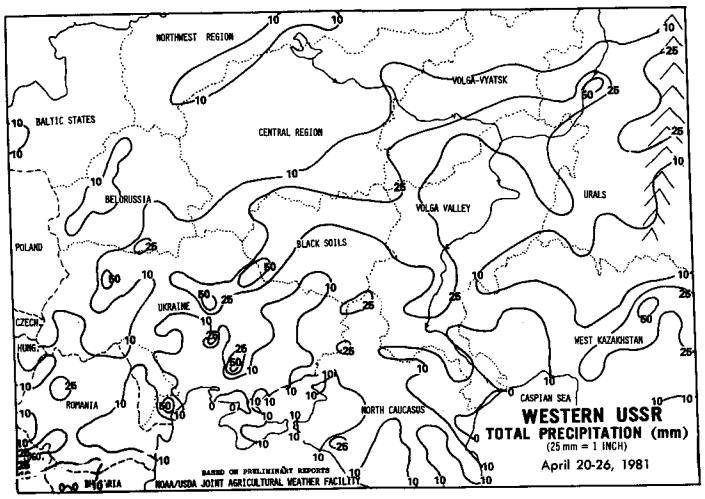
International Weather and Crop Summary

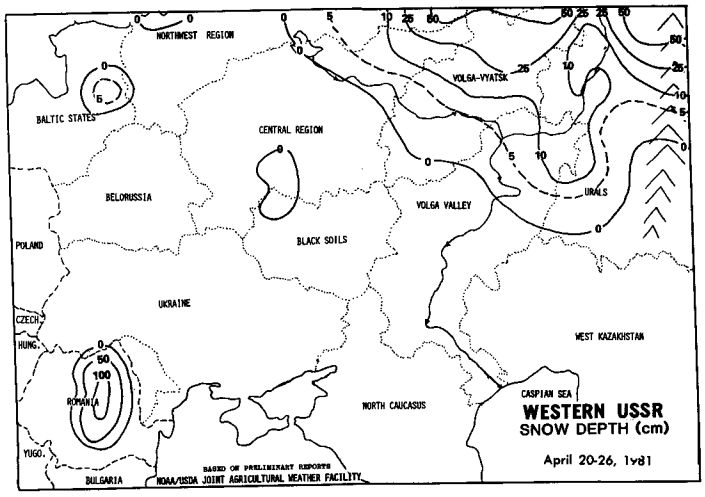
April 20-26, 1981

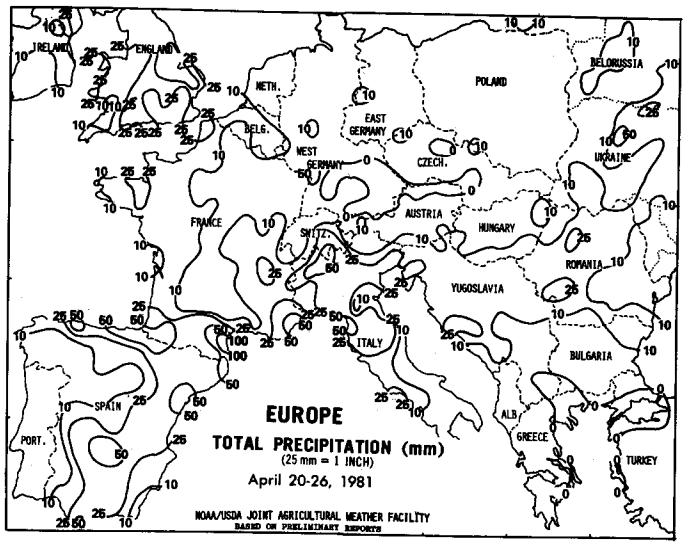
HIGHLIGHTS

WESTERN USSR:	Persistent cold weather has slowed crop development, now behind normal.
EUROPE:	Soil moisture improved in Spain and Italy. With below normal temperatures in all areas, it was too cold for winter grain growth in northern countries.
NORTHWESTERN AFRICA:	Continued above normal rainfall was not of much benefit to maturing winter grains.
SOUTH ASIA:	Bangladesh became drier after last week's heavy rains. Shower activity increased in southeastern India.
CHINA:	Rainfall was lighter in most areas. Northern winter grains are too dry; rice areas are too wet.
CANADA:	Relatively dry weather continued in the Canadian Prairies.
THAILAND:	Showers fell over northern and eastern portions while relatively dry weather prevailed in the central zone.
SOUTH AMERICA:	Heavy showers interfered with corn and soybean harvests but moisture was beneficial in wheat area.
AUSTRALIA:	Moisture is needed for the planting season as dry weather continues.
MEXICO:	Abundant sunshine over most areas pushed crop development and field activities.

USSR: Temperatures failed to rise in the western two-thirds of the winter grain belt during the week. Conditions remained warm enough for winter grain growth only in the North Caucasus, the lower Volga Valley, and the southeastern half of the Ukraine. Crop development has been slower than normal during the past 3 weeks, and cumulatively, should now be lagging normal by about a week in spite of the favorable start in March. Rainfall surged above normal over much of European USSR. For the most part, the moisture was beneficial, but some locally heavy amounts in parts of the Ukraine disrupted fieldwork. No winter grain areas are short of soil moisture. Most of the New Lands received only light precipitation, but some portions had above normal amounts. No severe soil moisture shortages exist as the planting season approaches.

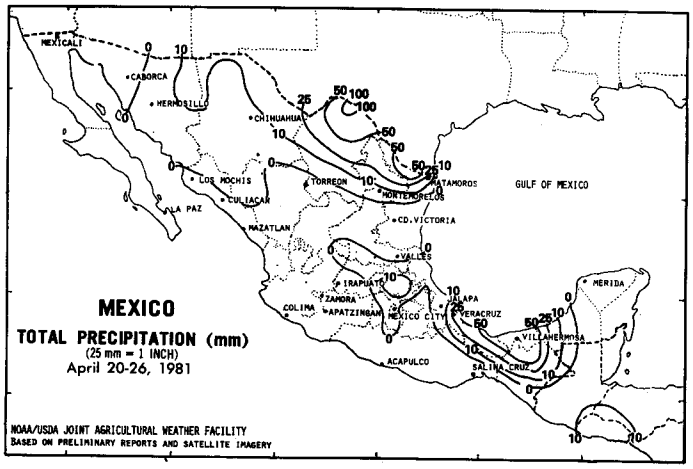


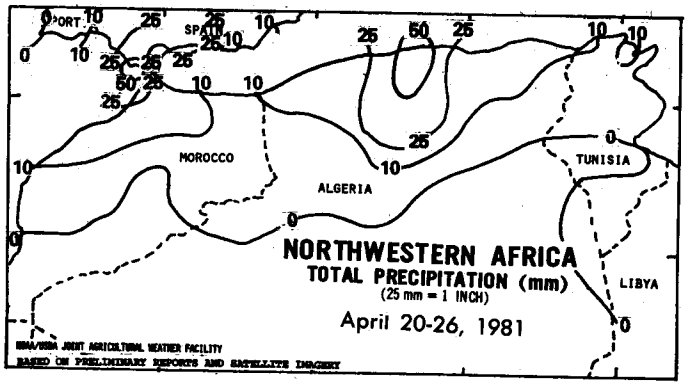




EUROPE: Below normal temperatures spread to cover most of the region, halting crop growth in the northern countries and slowing it substantially in central areas. Above normal precipitation occurred in some south and west areas, while relatively dry weather persisted in the northeastern two-thirds of the region. A late snowfall occurred in England, covering many crop areas to a depth of 2 to 3 cm. Light to moderate rain across northern Spain maintained good growing conditions, although some yield losses had been incurred due to earlier dryness. Abundant rainfall in southern Spain improved the outlook for spring crops, but winter grain yields are expected to be poor. Generous rains also fell in northern Italy, where winter grains may have escaped with relatively light yield losses due to earlier dryness.

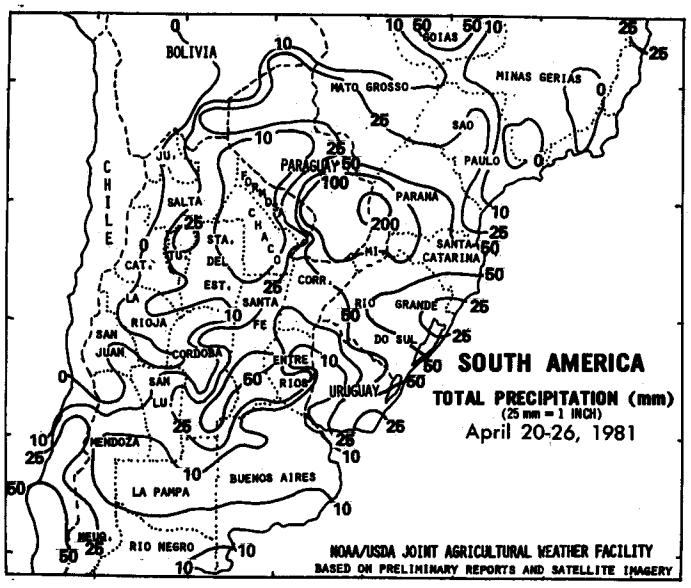
MEXICO: Warm, sunny weather over most of the principal agricultural areas favored crop development and fieldwork. Heavy rains falling over the northeastern border replenished stock ponds and rangeland soil moisture. Some of the heavy showers benefitted northeastern corn and grain sorghum which are nearing a peak water use stage. However, a few fields may have been washed out.

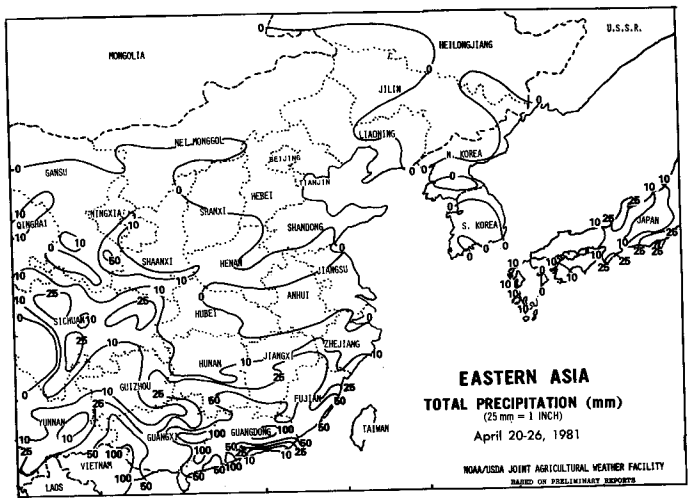


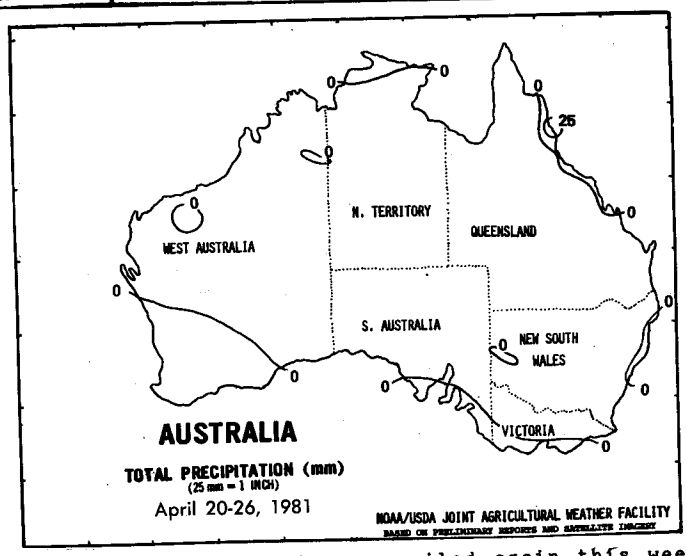


NORTHWESTERN AFRICA: Above normal rainfall occurred in winter grain areas across Algeria and northern Morocco, and light amounts fell in Tunisia. Crops were too far along in the crop cycle to benefit much from the moisture, but maturation was probably not adversely affected.

SOUTH AMERICA: Showers were widespread over much of the corn/soybean areas of Brazil and Argentina with heaviest weekly rainfall totals (over 100 mm) occurring in western portions of Parana and Santa Catarina. Since soybean harvesting is nearly three-quarters complete in Brazil, the heavy rain should not have posed a serious problem for soybeans. Harvest delays due to wet fields in Rio Grande do Sul could be expected, but significant rainfall (25 to 75 mm) restored soil moisture, which had been relatively low for several weeks. This moisture should prove beneficial not only for late-maturing soybeans, but also for pending planting of the winter wheat crop. In Argentina, northern and western portions of the corn/soybean area received 25 to 50 mm of weekly rainfall. Elsewhere, 5 to 25 mm of weekly rainfall occurred. Harvest delays can also be expected, but the impact on overall crop yields should not be of major consequence. Locally, the most significant impact of excessive moisture on the crop at late growth stages would be to increase lodging, and perhaps, cause some pod shedding during heavy showers.





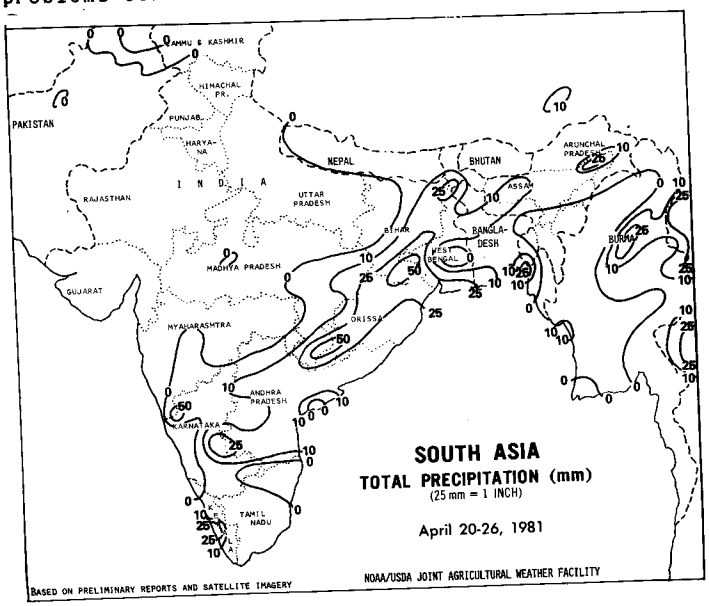


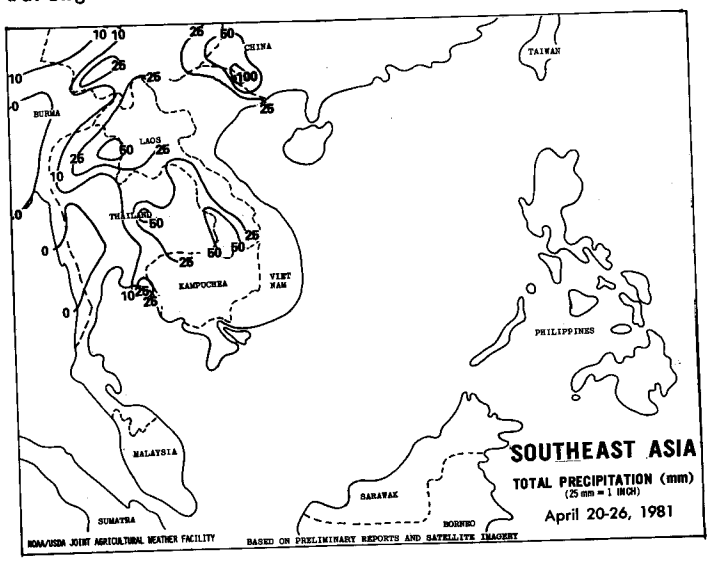
EASTERN ASIA: Rainfall slackened further in nearly all agricultural areas of China. Winter grains on the North China Plain received very little rainfall, and temperatures rose above normal, especially in the north where conditions remained on the dry side. Some grain areas in the northwest received beneficial rainfall, and crop prospects there remained better than normal. Heavy rainfall in the south was limited mainly to the hills. Although rainfall at many lowland locations dipped below normal, water levels in streams were not receding very rapidly, because of the wet weather upstream. In South Korea, only light rain fell, but crops should still have adequate moisture. Temperatures averaged somewhat above normal.

AUSTRALIA: Dry weather prevailed again this week in Australia's wheat belt. The planting season is usually during May and June, and topsoil moisture will be needed for seed germination. In West Australia, which produces about 25-30 percent of the wheat crop, nearly 80 percent of the annual rainfall occurs between April and September. Significant rainfall is needed in this area to support the wheat crop. In New South Wales, which produces nearly 40 percent of the wheat crop annually, about 50 percent of the yearly rainfall occurs during the growing season. Preseason moisture has been variable in eastern wheat areas, with February rainfall about normal in most crop areas of New South Wales and Queeensland; however, March rainfall was well below normal in northern New South Wales and Queensland. Drought conditions are worsening in this area. The amount and variability of rainfall is a major problem in Australia's wheat areas since much of the country is located in marginal rainfall zones. The frequency and effectiveness of frontal activity which should begin soon over southwestern Australia is important in providing crop moisture needs.

SOUTH ASIA: Lighter rainfall in Bangladesh gave fields a chance to dry out somewhat following the previous week's heavy rains. Shower activity increased all along the southeastern coast of India. Some totals for the week ranged much above normal, but this weather pattern is fairly typical for the season. Dry weather favored winter grain harvesting in most of northern India and Pakistan, but wet weather in and near the hills--common at this time of year--may have caused some minor problems for maturing winter grains.

SOUTHEAST ASIA: This week's rainfall pattern reversed the previous week's. Thailand's central zone received less than 10 mm of rain, while the eastern zone benefitted from 10 to 50 mm of rainfall. In the north, totals averaged from 10 mm in western areas to 50 mm in eastern areas. The monsoon season should become more active during the month of May.





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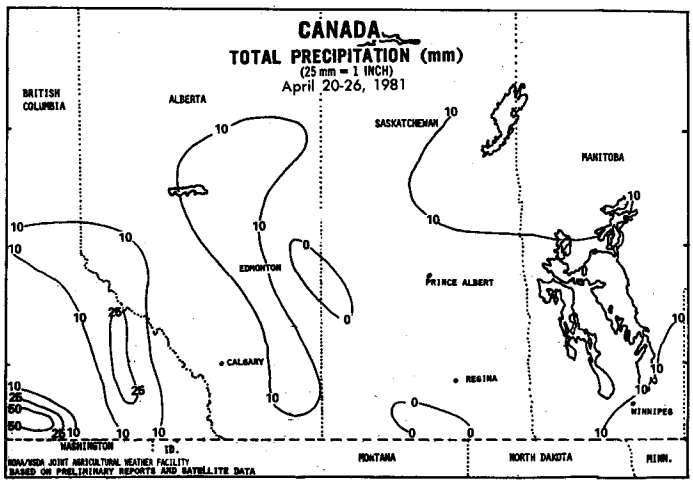

CANADA: Relatively dry, mild weather occurred throughout the Canadian Prairies during the week. Scattered light showers fell early in the week producing less than 5 mm of weekly rainfall in most locations. Isolated locations reported up to 10-25 mm of rain. Average maximum temperatures generally ranged from 15 to 20 C while average minimum temperatures stayed mostly above freezing (0 to 5 C), except early in the week when low temperatures fell below freezing (0 to -5 C) in eastern portions of the Prairie Provinces. Somewhat cooler weather returned to the Prairies by the weekend.

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