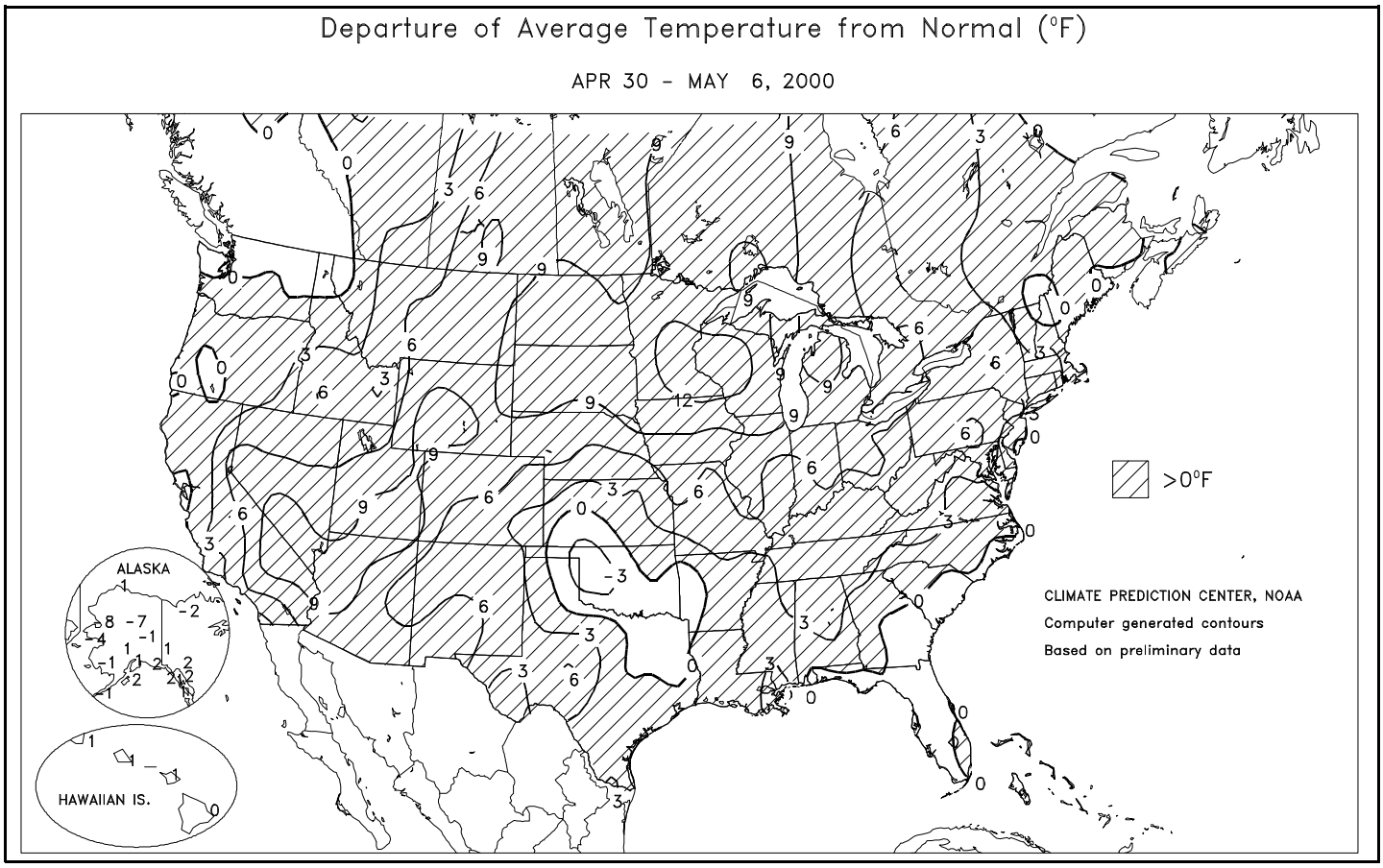
Volume 87, No. 19 **May 9, 2000**

WEEKLY WEATHER AND CROP BULLETIN

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

U.S. DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service
and World Agricultural Outlook Board



HIGHLIGHTS

April 30 - May 6, 2000

Very warm, mostly dry weather prevailed nearly nationwide, spurring fieldwork and crop development, but causing drought intensification in the **lower Southeast**, **southern High Plains**, and **western Corn Belt**. Across the **South-Central States**, however, a slow-moving storm system produced widespread heavy rainfall, easing long-term drought but causing localized flooding, especially in portions of **east-central Missouri** and **northeastern Oklahoma**. Very heavy rain (more than 4 inches) also soaked **eastern Texas** and **western Louisiana**. Elsewhere, showers benefited winter wheat and spring-sown crops in the **eastern Corn Belt** and the

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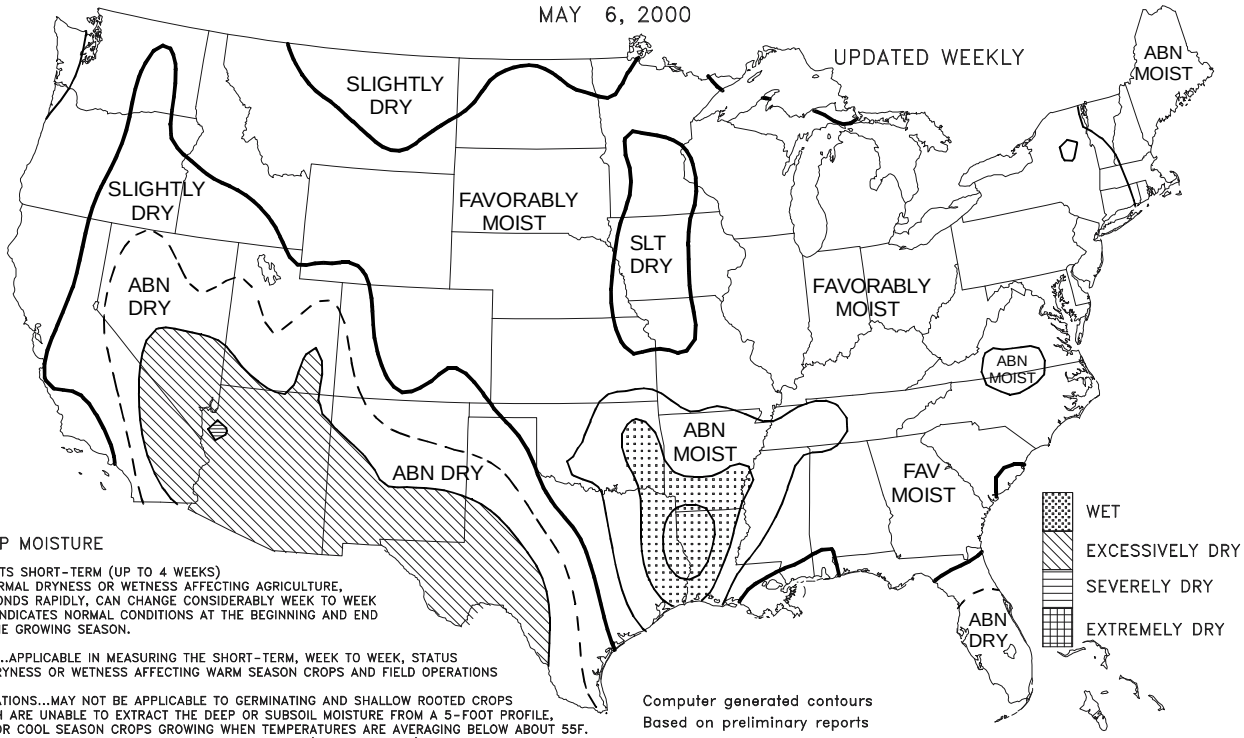


CROP MOISTURE

DEPICTS SHORT-TERM (UP TO 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 55F. IT IS NOT GENERALLY INDICATIVE OF THE LONG-TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.

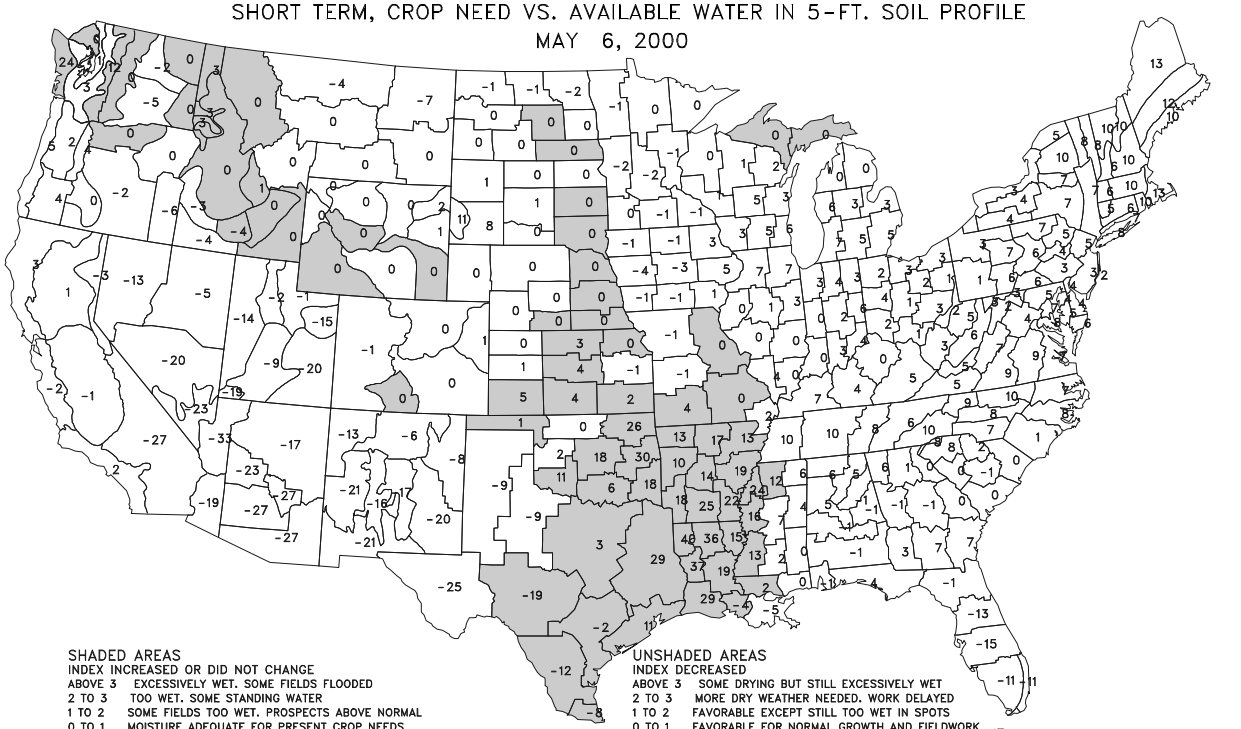
Computer generated contours
Based on preliminary reports

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

Crop Moisture Index

SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE

MAY 6, 2000



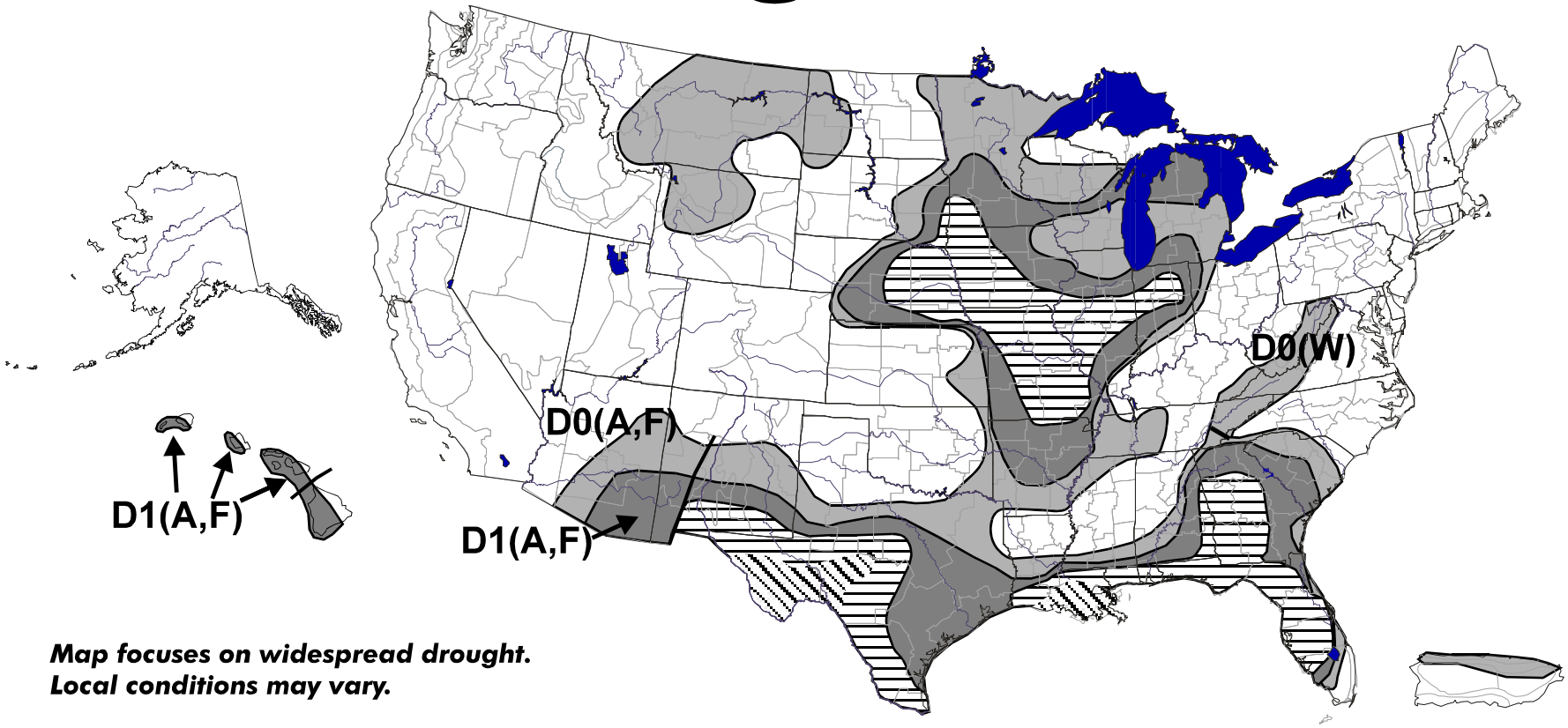
SHADED AREAS
INDEX INCREASED OR DID NOT CHANGE
ABOVE 3 EXCESSIVELY WET. SOME FIELDS FLOODED
2 TO 3 TOO WET. SOME STANDING WATER
1 TO 2 SOME FIELDS TOO WET. PROSPECTS ABOVE NORMAL
0 TO 1 MOISTURE ADEQUATE FOR PRESENT CROP NEEDS
0 TO -1 PROSPECTS IMPROVED BUT RAIN STILL NEEDED
-1 TO -2 SOME IMPROVEMENT BUT STILL ABNORMALLY DRY
-2 TO -3 DRYNESS EASED BUT FIELDS STILL EXCESSIVELY DRY
-3 TO -4 SEVERE DRYNESS CONTINUES. MORE RAIN URGENTLY NEEDED
BELOW -4 NOT ENOUGH RAIN. STILL EXTREMELY DRY

UNSHADED AREAS
INDEX DECREASED
ABOVE 3 SOME DRYING BUT STILL EXCESSIVELY WET
2 TO 3 MORE DRY WEATHER NEEDED. WORK DELAYED
1 TO 2 FAVORABLE EXCEPT STILL TOO WET IN SPOTS
0 TO 1 FAVORABLE FOR NORMAL GROWTH AND FIELDWORK
0 TO -1 TOPSOIL MOISTURE SHORT. GERMINATION SLOW
-1 TO -2 ABNORMALLY DRY. PROSPECTS DETERIORATING
-2 TO -3 EXCESSIVELY DRY. YIELD PROSPECTS REDUCED
-3 TO -4 POTENTIAL YIELDS SEVERELY CUT BY DRYNESS
BELOW -4 EXTREMELY DRY. MOST CROPS RUINED

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY BASED ON PRELIMINARY DATA

May 2, 2000 Valid 7 a.m. EST

U.S. Drought Monitor



Map focuses on widespread drought.
Local conditions may vary.

- D0 Abnormally Dry
- D1 Drought–First Stage
- D2 Drought–Severe
- D3 Drought–Extreme
- D4 Drought–Exceptional
- Delineates Overlapping Areas

Drought type: used only when impacts differ

A = Agriculture
W = Water
F = Wildfire danger

Plus (+) = Forecast to intensify next two weeks
Minus (-) = Forecast to diminish next two weeks
No sign = No change in drought classification forecast

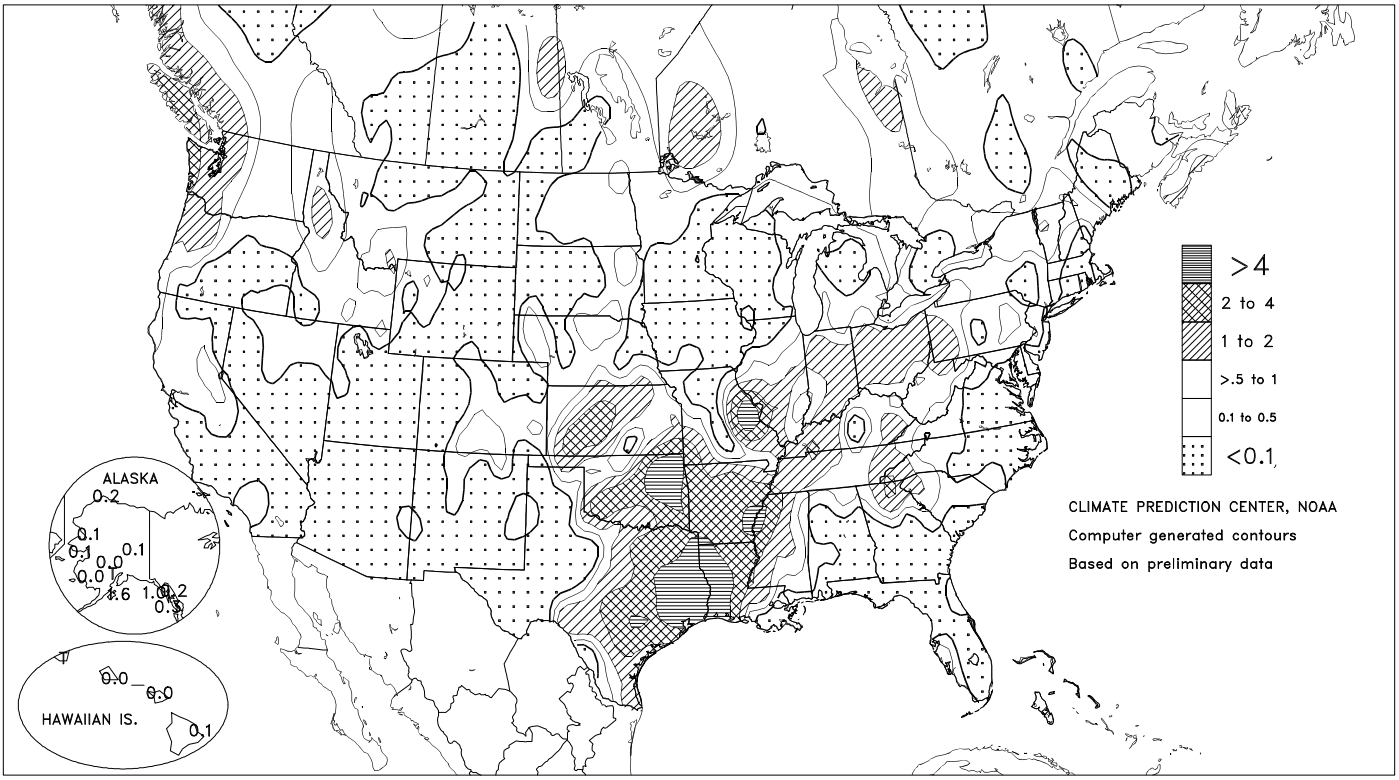
USDA National Drought Mitigation Center — Department of Commerce, United States of America — NOAA

● ***Released Thursday, May 4, 2000*** ●

Drought Monitor Web Site:
http://enso.unl.edu/monitor/monitor.html

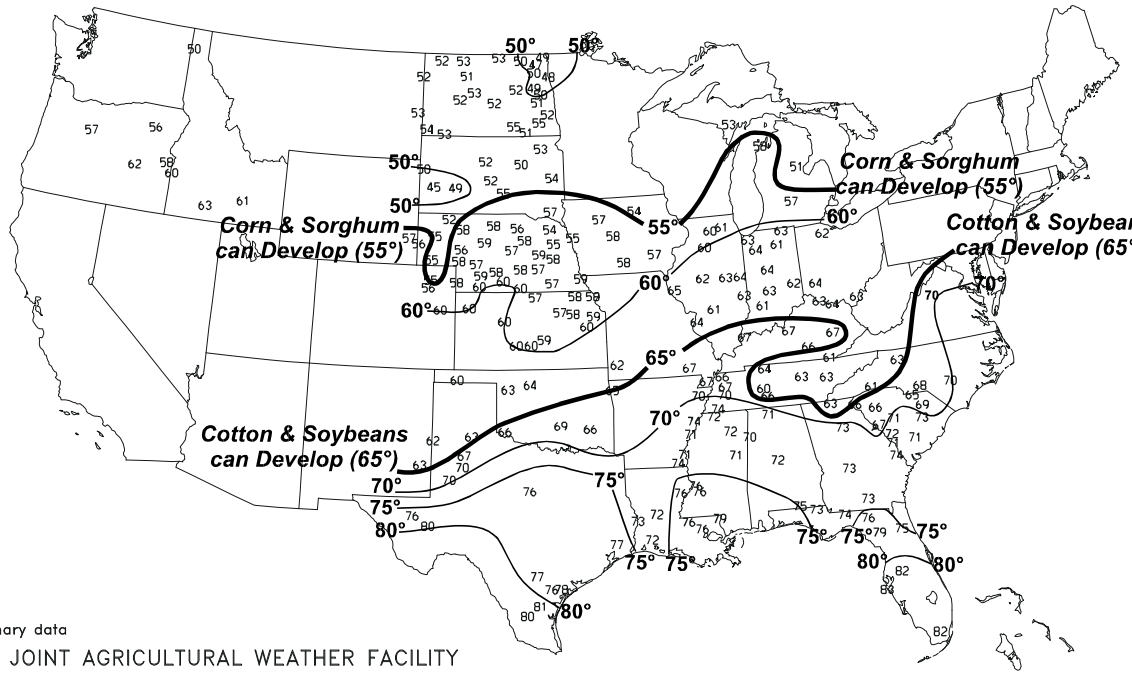
Total Precipitation (Inches)

APR 30 - MAY 6, 2000



Average Soil Temperature (°F, 4" Bare)

APR 30 - MAY 6, 2000



Based on preliminary data

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

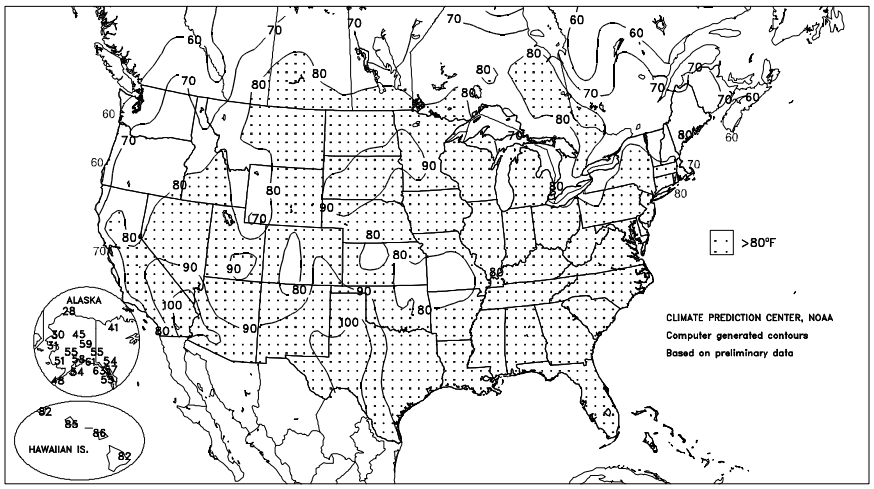
(Continued from front cover)

Northwest. At week's end, showers developed in conjunction with a cold front crossing the **northern Plains**, aiding small grains and ending an early-season heat wave. Weekly temperatures generally averaged 6 to 14°F above normal in the **North-Central and Southwestern States**. High temperatures peaked at or above 100°F in parts of **western Texas**, **southeastern New Mexico**, and southern portions of **California**, **Nevada**, and **Arizona**. In contrast, temperatures averaged as much as 4°F below normal in **Oklahoma** near the track of the slow-moving storm.

More than five dozen daily-record highs were established during the first 6 days of May, primarily from the **Southwest** to the **upper Midwest**. On Tuesday, **Moab, UT** posted their first of three consecutive daily records (94, 96, and 95°F). In **Colorado**, **Denver** noted consecutive records (87 and 89°F) on May 4-5. Record warmth reached the **North-Central States** on Friday, where highs reached 97°F in **Pierre, SD** and 96°F in **Fargo, ND**. Heat also overspread the **southern High Plains**, where **Midland, TX** noted highs of 101°F on Friday and 102°F on Saturday. **Lubbock, TX** closed the week with their first of two consecutive daily-record highs of 99°F. Elsewhere in **Texas**, highs on Saturday included 106°F in **Abilene**, 104°F in **San Angelo**, and 103°F in **Wink** and **Dryden**.

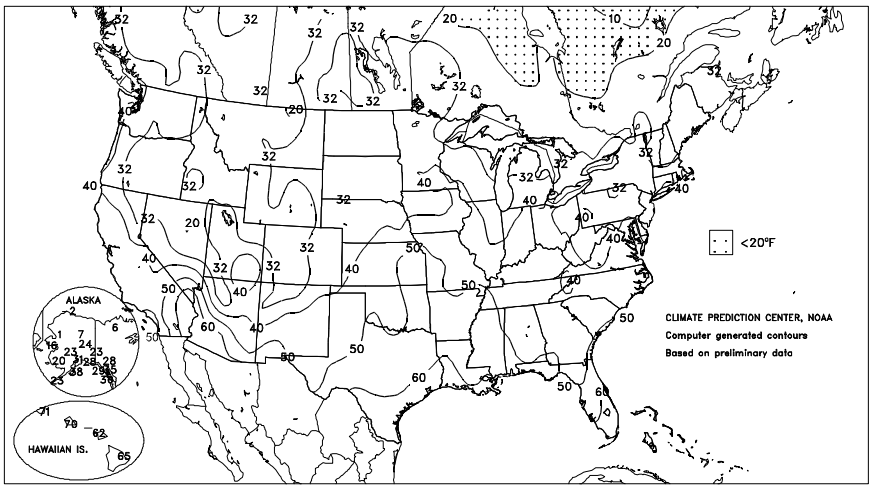
Extreme Maximum Temperature (°F)

APR 30 - MAY 6, 2000



Extreme Minimum Temperature (°F)

APR 30 - MAY 6, 2000



Early in the week, a storm system moved southward across the **central and southern Plains**. On April 30, **Oklahoma City, OK** collected a daily-record, 3.45-inch rainfall. Heavy rain reached the **central Gulf Coast region** by May 2-3, resulting in 2-day totals of 5.98 inches (37 percent of their year-to-date total) in **Lake Charles, LA** and 6.75 inches (32 percent) in **Beaumont, TX**. Lighter amounts of much-needed rain dampened **south-central Texas**, boosting May 1-6 rainfall to 1.59 inches in **San Antonio** and 3.24 inches in **Austin**. Farther east, however, year-to-date precipitation remained as low as 3.09 inches (32 percent of normal) in **Tampa, FL**, 7.60 inches (36 percent) in **New Orleans, LA**, and 8.28 inches (39 percent) in **Tallahassee, FL**. Dry conditions also persisted from the **Southwest** to the **southern High Plains**. In **San Angelo, TX**, January 1 - May 6 precipitation stood at 1.56 inches (33 percent of normal). In the **Southwest**, the Salt and Verde River watershed, which includes **Phoenix, AZ**, concluded its third-driest October-April on record (3.48 inches, or 32 percent of the 100-year average). The watershed's only drier October-April periods were 1903-04, with 2.03 inches, and 1995-96, with 3.36 inches.

Toward week's end, the storm system began to drift northward again, producing locally torrential rainfall on May 5-6 in **northeastern Oklahoma** and May 6-7 in **east-central Missouri**. **Tulsa, OK** netted 2.87 inches on May 5-6, but nearby totals exceeded 6 inches in a few locations. On May 6-7 in **Missouri**, 24-hour rainfall totaled 2.48 inches in **St. Louis**, 10.50 inches in **Washington**, and 13.50 inches in **Union**, causing significant flash flooding. Farther south, **Little Rock, AR** received measurable rainfall on 6 consecutive days (May 1-6), totaling 1.97 inches, marking their first such occurrence since December 18-23, 1998.

Mostly dry weather returned to **Hawaii** in early May, following April's sporadic relief from long-term dryness. Meanwhile in **Alaska**, cool weather (as much as 8°F below normal) overspread interior sections and continued across western areas for a second consecutive week. In the **Aleutians**, **Cold Bay** closed the week with a daily-record low (23°F on May 6). Relatively mild weather prevailed in **southeastern Alaska**, where **Valdez** noted a daily-record high of 59°F on Wednesday.

Weather Data for Selected Locations in the Delta

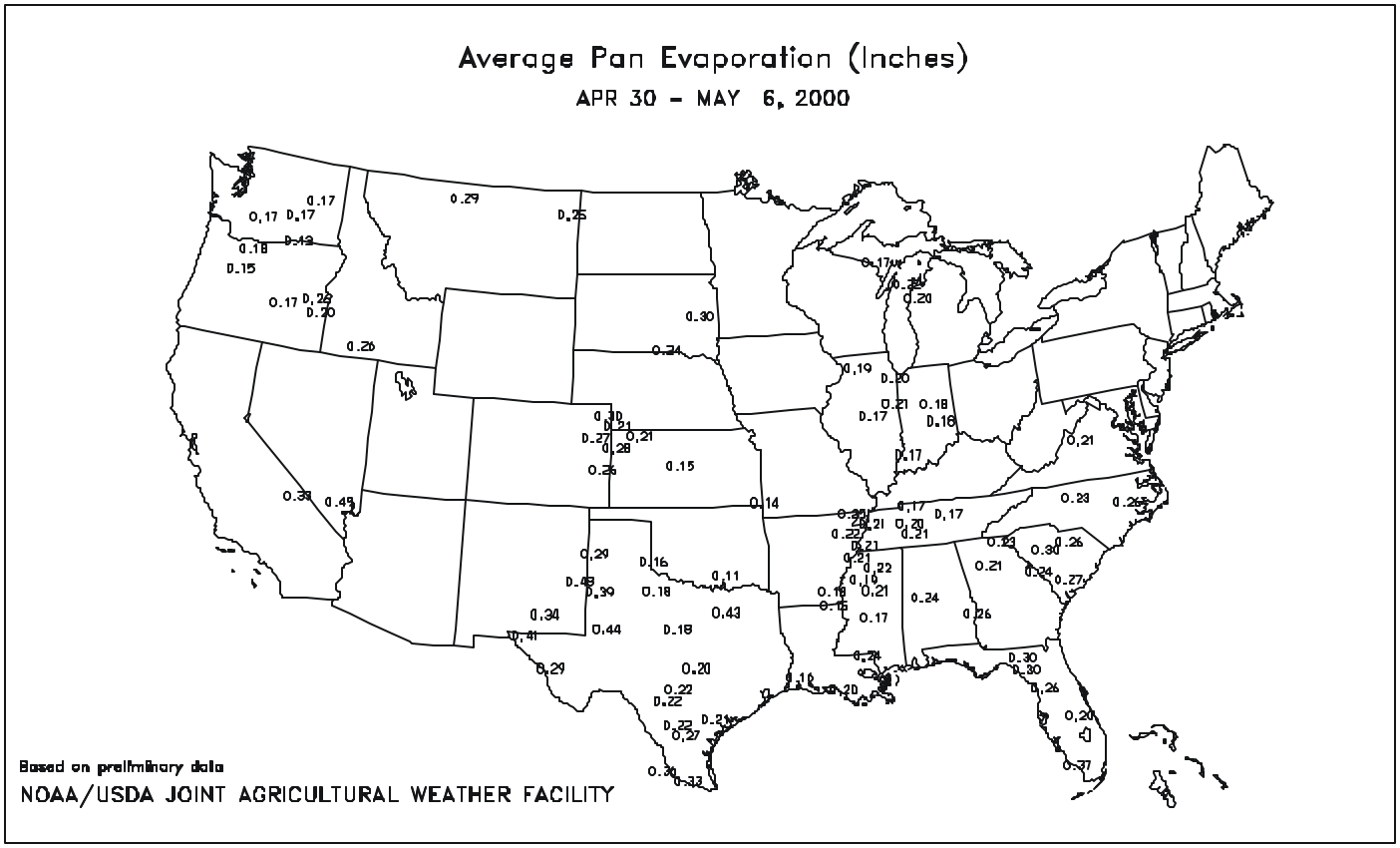
Weather Data for the Week Ending May 6, 2000

Data provided by the Mississippi State Delta Research and Extension Center (DREC) and the Southern Regional Climate Center (SRCC).

STATES AND STATIONS	TEMPERATURE EF						PRECIPITATION							4-INCH SOIL TEMP, °F		NUMBER OF DAYS TEMP. EF		NUMBER OF DAYS PRECIP	
	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
MS BATESVILLE *	80	62	83	53	71	6	1.10	-0.21	1.10	–	–	–	–	–	–	0	0	1	1
BELZONI x	82	61	85	57	72	3	0.88	-0.40	0.48	17.01	135	–	–	–	–	0	0	4	0
CLARKSDALE x	80	61	83	56	71	4	3.69	2.56	1.03	–	–	–	–	–	–	0	0	6	2
CLEVELAND x	78	61	81	53	70	3	4.94	3.47	3.77	17.03	153	22.74	108	–	–	0	0	6	1
GREENVILLE x	79	62	82	52	71	2	2.95	1.82	2.95	20.11	175	–	–	–	–	0	0	1	1
GREENWOOD x	81	63	85	57	72	4	0.59	-0.47	0.38	16.28	145	20.60	104	–	–	0	0	4	0
INDIANOLA 1S	79	64	83	62	72	–	2.43	–	1.25	–	–	–	–	70	66	0	0	5	2
INVERNESS 5E	80	64	85	61	72	–	1.58	–	0.49	18.77	–	23.01	–	–	–	0	0	6	0
LYON	80	61	83	53	71	–	3.21	–	0.81	14.16	–	18.83	–	–	–	0	0	5	4
MOORHEAD x	81	64	87	62	73	4	2.18	1.03	0.94	21.52	187	23.64	115	–	–	0	0	4	3
ONWARD	79	63	85	60	71	–	1.52	–	0.86	–	–	–	–	76	67	0	0	3	2
ROLLING FORK x	82	63	85	60	73	5	1.29	-0.12	0.58	12.23	104	15.45	73	–	–	0	0	5	2
SIDON	81	64	85	59	73	–	0.42	–	0.19	15.09	–	19.53	–	–	–	0	0	6	0
TUNICA x	82	61	83	56	72	6	4.64	3.40	2.48	15.06	130	20.63	104	–	–	0	0	4	3
VICKSBURG x	78	63	83	50	71	2	1.41	0.20	0.85	17.60	141	–	–	–	–	0	0	4	1
YAZOO CITY x	80	60	84	47	70	1	1.46	0.22	0.81	19.64	157	23.45	102	–	–	0	0	4	1
STONEVILLE *	80	63	82	60	72	4	4.72	3.44	2.84	23.48	200	28.60	135	77	66	0	0	7	2

Compiled by USDA/OCE/WAOB' s Stoneville Field Office.
*** Based on 1964-93 normals.**
x Based on 1961-90 normals.

Delta Weather and Crop Summary: Severe thunderstorms crossed the Mississippi Delta last week. Strong winds lodged some wheat. The rain gave some rice farmers a free flush on their crop, while others were busy removing unwanted water from their fields. Some cotton and soybeans reached the two- to three-leaf stage, while corn heights reached 1 foot or more.



National Weather Data for Selected Cities

Weather Data for the Week Ending May 6, 2000

Data Provided by Climate Prediction Center (301-763-8000, Ext. 7503)

STATES AND STATIONS		TEMPERATURE EF						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																	TEMP. EF		PRECIP	
		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	82	60	85	48	71	4	0.02	-1.14	0.02	18.88	156	26.77	122	90	40	0	0	1	0
	HUNTSVILLE	83	59	86	46	71	6	0.25	-0.91	0.25	14.40	115	21.25	94	92	49	0	0	1	0
	MOBILE	83	61	84	53	72	0	0.38	-0.86	0.37	9.75	82	13.72	62	97	52	0	0	2	0
	MONTGOMERY	84	57	87	47	71	2	0.00	-0.91	0.00	4.86	42	10.78	50	93	42	0	0	0	0
AK	ANCHORAGE	53	33	58	31	43	0	0.04	-0.10	0.04	0.86	58	2.98	98	72	55	0	2	1	0
	BARROW	18	7	28	-2	13	1	0.22	0.19	0.18	0.30	77	0.74	104	93	85	0	7	2	0
	FAIRBANKS	53	30	59	24	42	-1	0.05	-0.04	0.05	0.08	10	2.05	125	73	39	0	6	1	0
	JUNEAU	54	38	57	35	46	2	0.21	-0.53	0.10	10.26	153	16.64	111	93	75	0	0	4	0
	KODIAK	48	39	54	38	43	2	1.55	0.36	0.92	13.97	142	22.14	98	82	69	0	0	4	1
	NOME	29	21	31	16	25	-4	0.08	-0.06	0.08	0.48	36	3.98	146	88	80	0	7	1	0
AZ	FLAGSTAFF	73	34	76	24	54	7	0.00	-0.23	0.00	3.31	78	5.24	63	45	11	0	2	0	0
	PHOENIX	97	68	99	63	83	8	0.00	-0.03	0.00	2.98	266	2.99	121	27	13	7	0	0	0
	TUCSON	95	60	99	54	78	8	0.00	-0.06	0.00	0.93	87	1.22	46	19	10	6	0	0	0
	YUMA	98	68	101	63	83	7	0.00	-0.03	0.00	0.40	108	0.50	53	29	26	7	0	0	0
AR	FORT SMITH	73	58	81	56	66	0	1.90	0.72	0.51	6.99	78	9.99	74	97	70	0	0	7	1
	LITTLE ROCK	76	60	82	55	68	1	2.26	1.00	0.82	9.84	86	13.86	75	98	62	0	0	5	2
CA	BAKERSFIELD	83	53	86	51	68	0	0.00	-0.07	0.00	1.86	111	4.43	123	70	41	0	0	0	0
	FRESNO	84	54	87	50	69	3	0.00	-0.11	0.00	2.51	85	11.79	176	73	42	0	0	0	0
	LOS ANGELES	71	58	77	55	64	2	0.00	-0.06	0.00	4.28	156	9.82	128	82	72	0	0	0	0
	REDDING	75	49	80	43	62	-1	0.20	-0.14	0.12	7.92	117	24.87	144	73	46	0	0	4	0
	SACRAMENTO	76	50	81	46	63	0	0.31	0.20	0.31	4.62	121	20.75	199	87	38	0	0	1	0
	SAN DIEGO	71	61	76	58	66	3	0.00	-0.07	0.00	1.54	59	5.40	91	86	71	0	0	0	0
	SAN FRANCISCO	64	51	67	48	58	1	0.03	-0.07	0.02	3.92	87	18.30	152	87	69	0	0	2	0
	STOCKTON	79	50	84	45	65	1	0.21	0.10	0.21	2.20	66	10.96	134	79	66	0	0	1	0
CO	ALAMOSA	69	33	80	28	51	4	0.44	0.30	0.44	1.05	99	1.30	81	75	27	0	4	1	0
	CO SPRINGS	73	42	88	35	58	6	0.02	-0.41	0.02	2.59	104	3.50	110	83	18	0	0	1	0
	DENVER	75	45	89	37	60	6	0.20	-0.33	0.20	2.41	70	2.93	65	78	24	0	0	1	0
	GRAND JUNCTION	84	49	90	33	66	8	0.00	-0.19	0.00	1.58	87	3.63	127	38	18	2	0	0	0
	PUEBLO	78	42	94	34	60	3	0.71	0.44	0.71	4.15	220	4.53	180	82	35	2	0	1	1
CT	BRIDGEPORT	68	47	83	39	58	3	0.18	-0.72	0.08	9.36	113	13.41	92	84	44	0	0	3	0
	HARTFORD	72	44	87	34	58	2	0.06	-0.87	0.06	8.09	98	12.52	84	80	37	0	0	1	0
DC	WASHINGTON	78	54	88	46	66	3	0.03	-0.75	0.03	9.14	140	14.21	119	84	43	0	0	1	0
DE	WILMINGTON	74	49	87	38	61	2	0.10	-0.75	0.09	12.67	168	18.35	136	88	36	0	0	2	0
FL	DAYTONA BEACH	80	61	82	57	70	-3	0.00	-0.59	0.00	9.63	171	12.08	105	90	48	0	0	0	0
	JACKSONVILLE	81	56	84	47	68	-3	0.02	-0.64	0.02	4.41	63	8.35	59	96	47	0	0	1	0
	KEY WEST	82	72	83	70	77	-2	0.35	-0.25	0.35	4.05	102	5.21	67	82	59	0	0	1	0
	MIAMI	83	71	84	67	77	0	0.00	-1.05	0.00	3.71	60	5.48	54	72	51	0	0	0	0
	ORLANDO	85	59	86	58	72	-3	0.00	-0.52	0.00	2.67	49	4.26	39	89	41	0	0	0	0
	PENSACOLA	79	62	80	56	70	-2	0.11	-0.71	0.08	5.90	58	10.21	51	96	62	0	0	4	0
	TALLAHASSEE	85	57	87	49	71	0	0.00	-0.91	0.00	4.36	41	8.28	39	89	41	0	0	0	0
	TAMPA	87	64	89	62	76	1	0.00	-0.47	0.00	0.85	19	3.10	32	84	42	0	0	0	0
	WEST PALM	81	69	82	64	75	-1	0.00	-1.07	0.00	6.09	81	7.85	60	73	53	0	0	0	0
GA	ATHENS	82	55	87	44	69	3	0.21	-0.77	0.21	5.32	52	11.71	61	87	59	0	0	1	0
	ATLANTA	80	58	84	48	69	3	0.08	-0.91	0.06	6.35	58	12.50	61	88	51	0	0	2	0
	AUGUSTA	84	52	87	42	68	0	0.33	-0.47	0.33	4.37	51	12.03	71	98	42	0	0	1	0
	COLUMBUS	84	58	87	51	71	2	0.00	-0.96	0.00	8.61	79	13.80	68	87	38	0	0	0	0
	MACON	85	52	89	43	69	0	0.00	-0.80	0.00	5.87	66	11.45	63	95	36	0	0	0	0
	SAVANNAH	81	56	83	48	68	-3	0.00	-0.79	0.00	7.14	95	11.42	80	96	49	0	0	0	0
HI	HILO	81	66	82	65	74	1	0.11	-2.65	0.04	12.10	38	30.49	59	86	79	0	0	4	0
	HONOLULU	84	72	85	70	78	1	0.00	-0.30	0.00	0.84	21	2.19	22	73	67	0	0	0	0
	KAHULUI	85	67	86	62	76	1	0.00	-0.26	0.00	1.66	35	2.72	23	78	66	0	0	0	0
	LIHUE	81	72	82	71	76	1	0.01	-0.78	0.01	4.25	51	6.86	39	79	71	0	0	1	0
ID	BOISE	71	47	84	38	59	5	0.17	-0.09	0.12	2.87	104	6.44	122	64	40	0	0	4	0
	LEWISTON	67	46	80	36	56	1	0.39	0.11	0.24	2.35	96	5.46	118	81	53	0	0	4	0
	POCATELLO	69	38	81	30	53	3	0.02	-0.28	0.02	1.43	53	4.38	94	71	39	0	2	1	0
IL	CHICAGO/O'HARE	77	52	86	37	64	9	0.13	-0.63	0.08	6.41	92	9.73	99	83	48	0	0	2	0
	MOLINE	79	52	86	40	66	9	0.01	-0.95	0.01	5.11	66	9.81	94	86	47	0	0	1	0
	PEORIA	76	54	82	44	65	7	0.35	-0.48	0.34	4.51	61	7.14	69	89	45	0	0	2	0
	ROCKFORD	78	52	85	38	65	10	0.08	-0.72	0.08	4.79	70	8.25	89	93	46	0	0	1	0
	SPRINGFIELD	78	54	84	42	66	6	0.05	-0.78	0.02	4.79	63	6.60	60	88	46	0	0	3	0
IN	EVANSVILLE	78	55	82	41	66	4	0.54	-0.53	0.40	6.10	63	17.71	115	94	62	0	0	5	0
	FORT WAYNE	76	51	85	41	63	7	0.79	0.02	0.79	4.89	70	7.72	72	95	51	0	0	1	1
	INDIANAPOLIS	76	54	83	45	65	6	0.55	-0.36	0.23	5.99	72	10.92	84	92	51	0	0	4	0
	SOUTH BEND	75	50	86	35	63	8	0.64	-0.09	0.63	6.14	81	10.17	87	92	51	0	0	2	1
IA	BURLINGTON	77	53	83	45	65	7	0.28	-0.55	0.20	3.73	53	7.19	76	88	42	0	0	3	0
	CEDAR RAPIDS	77	50	82	39	64	7	0.02	-0.76	0.02	3.26	53	5.82	71	93	42	0	0	1	0
	DES MOINES	79	54	83	43	66	8	0.00	-0.78	0.00	1.64	26	4.30	51	80	42	0	0	0	0
	DUBUQUE	77	51	82	42	64	9	0.16	-0.78	0.16	4.45	60	7.28	73	92	52	0	0	1	0
	SIOUX CITY	83	52	90	41	68	11	0.00	-0.74	0.00	2.65	54	3.81	61	75	37	1	0	0	0
	WATERLOO	82	52	87	39	67	11	0.02	-0.85	0.02	4.66	74	6.73	82	83	33	0	0	1	0
KS	CONCORDIA	72	53	80	47	62	3	0.95	0.12	0.64	5.20	99	7.26	111	94	71	0	0	4	1
	DODGE CITY	69	50	80	45	60	0	2.62	2.00	1.44	8.19	197	8.85	168	96	68	0	0	2	2
	GOODLAND	73	46	84	33	60	5	0.71	0.05	0.71	3.56	117	4.54	118	91	51	0	0	1	1
	TOPEKA	77	55	81	52	66	5	0.20	-0.67	0.20	3.69	59	5.88	71	93	62	0	0	1	0

Based on 1961-90 normals

(Note: Eureka, CA replaced with Stockton, CA on April 18, 2000)

***** Not Available**

Weather Data for the Week Ending May 6, 2000

STATES AND STATIONS		TEMPERATURE EF						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																	TEMP. EF		PRECIP	
		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
	WICHITA	74	56	79	50	65	3	0.12	-0.62	0.10	7.22	132	10.86	151	98	71	0	0	2	0
KY	JACKSON	79	55	85	46	67	6	1.47	0.45	1.33	8.38	87	14.54	85	87	39	0	0	3	1
	LEXINGTON	78	55	83	45	66	5	0.56	-0.45	0.41	8.97	98	17.18	113	87	57	0	0	4	0
	LOUISVILLE	80	56	85	46	68	6	0.30	-0.77	0.24	7.43	76	19.56	122	86	48	0	0	3	0
	PADUCAH	79	57	81	43	68	5	0.79	-0.37	0.43	9.67	89	21.24	117	97	51	0	0	4	0
LA	BATON ROUGE	84	62	87	54	73	0	1.13	-0.04	1.11	6.04	54	9.47	44	10	54	0	0	2	1
	LAKE CHARLES	81	66	86	63	74	2	6.66	5.49	4.29	17.59	231	19.90	126	10	70	0	0	4	3
	NEW ORLEANS	85	66	87	60	76	3	0.00	-0.96	0.00	3.54	35	7.60	36	88	53	0	0	0	0
	SHREVEPORT	79	63	87	60	71	1	4.52	3.41	3.24	17.97	217	22.88	142	97	63	0	0	6	1
ME	CARIBOU	58	34	70	28	46	0	0.23	-0.44	0.14	6.65	122	12.47	127	85	32	0	4	5	0
	PORTLAND	62	39	79	28	51	2	0.18	-0.67	0.06	9.23	109	15.53	101	81	37	0	2	4	0
MD	BALTIMORE	76	48	88	38	62	3	0.03	-0.77	0.03	9.43	132	15.08	113	84	42	0	0	1	0
MA	BOSTON	67	46	81	42	57	3	0.26	-0.50	0.17	8.88	112	14.20	94	76	37	0	0	3	0
	WORCESTER	67	45	79	38	56	5	0.10	-0.86	0.06	10.77	124	16.48	104	82	34	0	0	2	0
MI	ALPENA	72	42	88	28	57	9	0.28	-0.29	0.28	3.25	67	7.15	92	89	42	0	2	1	0
	GRAND RAPIDS	74	51	85	40	63	10	0.28	-0.42	0.28	5.86	89	8.41	85	89	49	0	0	1	0
	HOUGHTON LAKE	74	45	83	28	59	9	0.20	-0.34	0.20	2.80	60	5.72	78	86	47	0	1	1	0
	LANSING	73	47	83	32	60	7	0.31	-0.24	0.31	4.82	86	6.89	82	85	54	0	1	1	0
	MUSKEGON	71	50	83	38	60	8	0.45	-0.17	0.45	6.53	110	8.63	88	87	59	0	0	1	0
	TRAVERSE CITY	73	46	85	29	60	10	0.19	-0.31	0.19	2.69	61	5.52	70	86	39	0	1	1	0
MN	DULUTH	72	41	82	31	57	10	0.09	-0.51	0.09	4.02	86	5.94	89	89	45	0	1	1	0
	INT'L FALLS	71	46	83	37	59	11	0.91	0.47	0.57	3.03	100	3.85	85	86	43	0	0	3	1
	MINNEAPOLIS	81	55	89	46	68	14	0.06	-0.62	0.06	2.24	45	4.20	62	76	31	0	0	1	0
	ROCHESTER	81	51	87	39	66	13	0.03	-0.69	0.03	1.84	36	4.59	69	82	33	0	0	1	0
	ST. CLOUD	81	48	91	35	65	13	0.06	-0.54	0.06	2.57	60	4.36	77	78	28	1	0	1	0
MS	JACKSON	82	61	85	53	71	2	0.76	-0.50	0.60	12.99	104	16.16	72	94	52	0	0	2	1
	MERIDIAN	83	56	86	48	70	2	0.21	-0.88	0.13	8.42	64	12.99	55	98	51	0	0	2	0
	TUPELO	82	59	86	49	71	4	0.14	-1.20	0.07	13.29	107	20.31	92	92	52	0	0	4	0
MO	COLUMBIA	77	56	80	48	67	7	0.72	-0.37	0.69	3.96	50	8.12	72	93	56	0	0	3	1
	KANSAS CITY	77	57	81	53	67	7	0.18	-0.86	0.16	3.60	55	6.27	72	95	58	0	0	2	0
	SAINT LOUIS	78	60	81	47	69	7	0.44	-0.44	0.44	4.16	53	8.50	72	93	62	0	0	1	0
	SPRINGFIELD	74	55	77	50	65	4	0.86	-0.08	0.44	4.55	51	7.40	58	93	67	0	0	4	0
MT	BILLINGS	71	47	80	35	59	8	0.20	-0.35	0.20	2.61	77	5.42	110	65	34	0	0	1	0
	BUTTE	65	33	80	20	49	5	0.44	0.09	0.38	1.65	83	2.55	88	90	27	0	3	3	0
	GLASGOW	72	44	84	34	58	7	0.39	0.07	0.36	1.99	144	2.22	110	80	36	0	0	2	0
	GREAT FALLS	70	40	83	29	55	5	0.05	-0.45	0.05	1.15	39	2.18	49	70	23	0	1	1	0
	KALISPELL	62	33	76	26	47	-1	0.26	-0.09	0.12	2.09	86	3.71	73	90	51	0	3	3	0
	MILES CITY	76	46	86	36	61	8	0.11	-0.32	0.09	1.16	49	2.21	66	75	22	0	0	2	0
	MISSOULA	66	35	78	25	50	1	0.11	-0.24	0.08	1.33	60	3.79	89	88	51	0	2	3	0
NE	GRAND ISLAND	74	51	83	39	62	5	0.41	-0.36	0.41	2.92	58	4.52	72	97	52	0	0	1	0
	LINCOLN	78	49	85	36	64	6	0.26	-0.55	0.24	2.42	44	4.07	60	93	47	0	0	2	0
	NORFOLK	78	51	87	38	65	8	0.05	-0.65	0.05	2.29	48	3.61	60	88	40	0	0	1	0
	NORTH PLATTE	74	47	85	32	61	7	0.78	0.09	0.77	2.88	76	3.65	80	94	45	0	1	2	1
	OMAHA	80	51	85	39	66	8	0.04	-0.89	0.04	3.66	67	5.78	82	86	44	0	0	1	0
	SCOTTSBLUFF	77	43	91	33	60	8	0.19	-0.37	0.11	4.01	127	5.16	125	81	40	2	0	2	0
	VALENTINE	77	46	93	34	62	9	0.67	0.03	0.67	3.35	103	4.74	119	87	42	2	0	1	1
NV	ELY	75	35	82	25	55	8	0.01	-0.25	0.01	1.73	79	3.99	113	61	21	0	2	1	0
	LAS VEGAS	93	68	99	60	80	10	0.00	-0.06	0.00	0.22	32	1.81	110	21	14	6	0	0	0
	RENO	76	44	81	38	60	7	0.00	-0.14	0.00	0.72	60	3.84	117	48	18	0	0	0	0
	WINNEMUCCA	75	39	85	26	57	5	0.06	-0.13	0.05	2.02	113	4.92	156	63	26	0	2	2	0
NH	CONCORD	69	39	81	29	54	3	0.12	-0.57	0.09	9.20	148	14.29	127	85	28	0	3	3	0
NJ	NEWARK	74	53	90	43	63	4	0.07	-0.89	0.05	7.07	83	12.00	80	69	37	1	0	2	0
NM	ALBUQUERQUE	81	51	89	41	66	6	0.00	-0.11	0.00	1.28	111	1.88	92	42	16	0	0	0	0
NY	ALBANY	71	45	86	35	58	5	0.30	-0.43	0.28	8.34	127	14.60	131	86	38	0	0	2	0
	BINGHAMTON	68	45	82	35	57	5	0.16	-0.58	0.14	9.88	150	16.19	143	71	40	0	0	3	0
	BUFFALO	65	46	72	39	56	4	0.31	-0.36	0.31	6.78	111	11.18	100	88	44	0	0	1	0
	ROCHESTER	71	49	84	39	60	7	0.47	-0.14	0.36	5.12	95	10.07	105	83	42	0	0	3	0
	SYRACUSE	70	46	84	37	58	5	0.28	-0.44	0.28	6.75	101	11.93	107	81	38	0	0	1	0
NC	ASHEVILLE	75	48	82	37	61	1	0.09	-0.85	0.08	9.02	103	14.45	91	95	54	0	0	2	0
	CHARLOTTE	79	52	84	39	65	1	0.02	-0.78	0.02	9.09	117	15.75	103	95	49	0	0	1	0
	GREENSBORO	78	52	85	44	65	2	0.20	-0.64	0.19	7.85	108	13.35	97	88	45	0	0	2	0
	HATTERAS	71	56	74	49	64	0	0.00	-0.87	0.00	7.70	90	17.39	97	89	59	0	0	0	0
	RALEIGH	80	51	87	42	65	1	0.00	-0.80	0.00	6.45	91	14.68	103	89	56	0	0	0	0
	WILMINGTON	79	55	86	50	67	0	0.27	-0.58	0.26	7.52	101	13.49	90	10	42	0	0	2	0
ND	BISMARCK	77	46	86	37	62	11	0.32	-0.12	0.21	2.89	102	5.02	136	82	42	0	0	3	0
	DICKINSON	75	47	83	41	61	11	0.26	-0.25	0.25	2.15	71	3.37	90	83	26	0	0	2	0
	FARGO	79	47	96	35	63	11	0.23	-0.27	0.23	3.08	93	4.43	100	75	31	1	0	1	0
	GRAND FORKS	77	40	85	32	58	7	0.56	0.17	0.43	1.75	67	3.52	92	83	28	0	1	3	0
	JAMESTOWN	77	45	90	38	61	10	0.40	0.04	0.40	2.74	100	5.15	135	89	35	1	0	1	0
	WILLISTON	75	44	87	34	60	9	0.06	-0.34	0.05	2.31	100	3.15	97	79	34	0	0	2	0
OH	AKRON-CANTON	73	47	83	39	60	5	1.01	0.18	0.71	8.21	114	13.18	114	92	53	0	0	2	1
	CINCINNATI	77	52	84	43	65	6	0.79	-0.16	0.53	8.40	95	18.56	132	86	49	0	0	4	1
	CLEVELAND	71	49	84	40	60	6	1.09	0.33	1.01	6.38	95	11.06	101	91	50	0	0	2	1
	COLUMBUS	77	52	85	43	64	7	1.27	0.43	0.97	8.07	112	14.39	124	87	50	0	0	3	1
	DAYTON	75	53	83	43	64	6	0.74	-0.11	0.74	7.14	94	12.49	105	91	46	0	0	1	1
	MANSFIELD	74	48	84	35	61	6	0.83	-0.13	0.74	7.34	95	12.95	110	98	48	0	0	3	1

Based on 1961-90 normals

***** Not Available**

Weather Data for the Week Ending May 6, 2000

STATES AND STATIONS		TEMPERATURE EF						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																	TEMP. EF		PRECIP	
		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
	TOLEDO	75	48	86	38	62	7	0.99	0.36	0.99	6.38	104	9.16	95	89	48	0	0	1	1
	YOUNGSTOWN	73	46	84	35	59	5	0.76	0.01	0.47	7.20	106	11.33	103	84	46	0	0	3	0
OK	OKLAHOMA CITY	71	55	82	41	63	-2	3.61	2.55	3.45	8.45	132	10.67	118	97	70	0	0	2	1
	TULSA	75	58	79	54	66	0	4.76	3.57	2.83	9.42	115	11.64	99	96	72	0	0	5	2
OR	ASTORIA	58	46	60	43	52	1	2.01	1.24	1.08	11.16	91	27.93	93	94	74	0	0	7	1
	BURNS	66	33	76	28	50	2	0.18	-0.02	0.14	1.89	103	5.41	151	80	44	0	2	4	0
	EUGENE	63	42	72	39	53	-1	1.12	0.57	0.35	9.44	104	24.99	110	93	65	0	0	5	0
	MEDFORD	68	43	79	39	56	1	0.21	-0.04	0.08	5.32	167	13.08	167	84	35	0	0	4	0
	PENDLETON	67	43	79	34	55	0	0.65	0.40	0.29	3.67	152	8.66	171	80	55	0	0	4	0
	PORTLAND	64	48	72	42	56	2	1.13	0.63	0.43	6.16	97	16.33	105	93	64	0	0	5	0
	SALEM	62	44	69	33	53	1	0.90	0.44	0.45	5.17	74	19.15	110	95	66	0	0	6	0
PA	ALLENTOWN	75	49	87	37	62	6	0.25	-0.68	0.24	9.06	119	13.80	101	74	42	0	1	2	0
	ERIE	67	49	80	39	58	5	0.75	0.01	0.71	7.88	115	12.31	108	82	59	0	0	2	1
	MIDDLETOWN	78	49	90	37	64	6	0.12	-0.79	0.08	8.81	121	13.15	101	84	36	1	0	2	0
	PHILADELPHIA	74	50	87	40	62	3	0.22	-0.63	0.13	9.66	124	14.92	108	75	43	0	0	2	0
	PITTSBURGH	75	48	85	39	61	5	0.51	-0.27	0.51	5.96	82	10.19	84	83	35	0	0	1	1
	WILKES-BARRE	72	45	86	35	59	4	0.16	-0.61	0.12	5.91	95	10.39	100	76	33	0	0	3	0
	WILLIAMSPORT	75	46	88	34	61	5	0.25	-0.56	0.12	9.04	127	13.42	108	80	37	0	0	4	0
RI	PROVIDENCE	68	44	83	35	56	3	0.09	-0.80	0.08	10.51	118	17.44	106	72	43	0	0	2	0
SC	BEAUFORT	80	58	84	50	69	-1	0.00	-0.72	0.00	6.58	87	9.51	65	10	50	0	0	0	0
	CHARLESTON	81	56	84	50	69	-1	0.14	-0.57	0.13	5.58	73	11.63	81	98	45	0	0	2	0
	COLUMBIA	83	56	87	46	69	1	0.26	-0.49	0.21	5.67	65	15.73	91	91	42	0	0	3	0
	GREENVILLE	79	54	84	47	67	2	1.63	0.70	1.59	10.68	106	16.27	88	96	46	0	0	2	1
SD	ABERDEEN	78	46	92	32	62	9	0.55	0.06	0.55	3.68	99	4.64	102	86	42	1	1	1	1
	HURON	81	48	92	36	64	11	0.52	-0.06	0.52	2.96	70	3.74	70	84	32	2	0	1	1
	RAPID CITY	76	46	92	36	61	10	0.13	-0.41	0.12	7.41	219	7.94	185	76	30	1	0	2	0
	SIOUX FALLS	79	51	86	34	65	11	0.08	-0.56	0.08	3.18	68	4.90	84	77	36	0	0	1	0
TN	BRISTOL	79	48	85	37	64	4	0.00	-0.85	0.00	7.39	96	12.88	89	96	40	0	0	0	0
	CHATTANOOGA	82	56	86	44	69	5	0.42	-0.60	0.42	13.48	120	20.99	100	93	49	0	0	1	0
	KNOXVILLE	80	54	84	43	67	5	1.19	0.28	0.91	12.25	128	20.81	117	98	49	0	0	3	1
	MEMPHIS	80	62	83	56	71	3	2.34	1.12	0.87	10.75	90	17.49	87	89	59	0	0	6	2
	NASHVILLE	80	56	84	43	68	4	0.54	-0.58	0.38	10.11	99	17.38	99	90	51	0	0	4	0
TX	ABILENE	88	61	106	50	75	5	0.00	-0.61	0.00	1.52	40	2.13	36	84	51	2	0	0	0
	AMARILLO	77	49	97	39	63	1	0.05	-0.36	0.03	4.60	200	4.88	143	93	41	1	0	2	0
	AUSTIN	83	65	88	56	74	1	3.24	2.26	3.05	5.80	110	10.77	118	97	75	0	0	2	1
	BEAUMONT	81	67	84	62	74	1	7.75	6.59	5.31	19.51	252	21.91	138	97	65	0	0	3	3
	BROWNSVILLE	89	73	91	65	81	3	1.87	1.28	1.86	4.76	183	5.90	113	94	58	3	0	2	1
	CORPUS CHRISTI	84	71	87	65	78	2	1.34	0.69	1.34	6.04	188	7.16	104	95	73	0	0	1	1
	DEL RIO	91	68	101	61	80	5	0.76	0.29	0.75	1.94	63	2.92	64	81	53	4	0	2	1
	EL PASO	89	60	96	51	75	7	0.00	-0.04	0.00	0.34	64	0.37	28	31	16	4	0	0	0
	FORT WORTH	78	62	86	56	70	0	2.84	1.75	1.64	5.77	80	10.66	95	88	62	0	0	6	2
	GALVESTON	80	70	82	64	75	2	1.68	0.98	1.65	5.85	111	9.30	86	94	75	0	0	3	1
	HOUSTON	82	64	85	61	73	1	7.77	6.71	5.56	14.64	208	18.21	137	98	74	0	0	3	3
	LUBBOCK	83	53	99	47	68	2	0.46	0.03	0.46	4.91	220	4.96	150	81	41	2	0	1	0
	MIDLAND	90	58	102	48	74	4	0.00	-0.39	0.00	0.95	54	1.56	56	70	33	4	0	0	0
	SAN ANGELO	91	64	104	53	78	6	0.03	-0.59	0.03	1.34	43	1.65	33	78	38	5	0	1	0
	SAN ANTONIO	83	66	90	59	75	2	1.62	0.76	1.15	3.75	79	7.35	89	93	59	1	0	3	1
	VICTORIA	85	67	87	60	76	2	3.41	2.54	2.65	8.53	181	12.95	146	97	69	0	0	3	2
	WACO	80	63	86	56	71	-1	2.46	1.46	2.03	6.88	108	13.47	133	97	73	0	0	3	1
	WICHITA FALLS	78	58	94	50	68	0	0.15	-0.72	0.08	5.39	90	7.32	86	91	65	1	0	2	0
UT	SALT LAKE CITY	76	47	85	37	61	6	0.00	-0.46	0.00	1.60	36	5.57	82	72	28	0	0	0	0
VT	BURLINGTON	66	43	77	32	55	3	0.66	-0.01	0.41	7.01	126	11.58	128	80	37	0	1	4	0
VA	LYNCHBURG	80	47	87	37	63	2	0.00	-0.85	0.00	5.63	77	10.80	82	87	36	0	0	0	0
	NORFOLK	77	54	86	45	66	3	0.00	-0.81	0.00	6.10	82	12.30	84	83	44	0	0	0	0
	RICHMOND	80	50	89	44	65	2	0.00	-0.82	0.00	8.45	116	14.04	103	78	47	0	0	0	0
	ROANOKE	79	51	87	41	65	4	0.00	-0.89	0.00	8.57	114	12.33	94	81	46	0	0	0	0
	WASH/DULLES	78	47	87	35	63	4	0.05	-0.80	0.05	7.76	111	11.45	91	92	48	0	0	1	0
WA	OLYMPIA	61	43	69	39	52	1	1.67	1.13	0.85	9.10	105	23.10	103	95	67	0	0	6	1
	QUILLAYUTE	55	42	61	39	49	0	5.40	3.99	1.15	22.62	112	44.59	95	10	88	0	0	7	6
	SEATTLE-TACOMA	59	45	65	39	52	-1	1.17	0.75	0.61	5.45	88	14.47	93	95	72	0	0	6	1
	SPOKANE	59	41	71	31	50	-1	1.35	1.05	0.67	5.13	175	8.64	135	81	48	0	1	4	2
	YAKIMA	68	41	75	27	54	0	0.22	0.11	0.08	1.35	107	4.22	131	73	41	0	1	4	0
WV	BECKLEY	72	49	81	38	60	3	0.20	-0.68	0.20	7.33	97	11.87	88	79	52	0	0	1	0
	CHARLESTON	80	49	86	40	65	5	0.45	-0.42	0.35	7.80	101	13.46	99	95	42	0	0	2	0
	ELKINS	75	40	82	31	57	3	0.53	-0.37	0.35	7.91	94	13.73	95	98	33	0	2	2	0
	HUNTINGTON	80	51	86	40	66	5	0.34	-0.60	0.13	7.20	91	14.52	106	92	38	0	0	4	0
WI	EAU CLAIRE	81	51	89	37	66	13	0.09	-0.70	0.09	3.03	58	5.78	84	84	29	0	0	1	0
	GREEN BAY	75	46	83	28	60	9	0.13	-0.46	0.13	3.26	66	5.17	73	88	43	0	1	1	0
	LA CROSSE	82	55	89	42	68	13	0.05	-0.64	0.05	2.78	51	5.15	71	80	28	0	0	1	0
	MADISON	76	48	82	34	62	10	0.03	-0.64	0.03	4.38	78	7.18	93	88	46	0	0	1	0
	MILWAUKEE	72	51	84	37	61	11	0.12	-0.55	0.12	4.88	72	7.74	79	84	58	0	0	1	0
WY	CASPER	76	37	88	26	57	8	0.00	-0.48	0.00	1.77	61	2.79	69	78	24	0	1	0	0
	CHEYENNE	71	42	86	30	57	9	0.00	-0.49	0.00	2.06	73	3.00	83	67	27	0	2	0	0
	LANDER	75	44	82	36	60	11	0.00	-0.55	0.00	2.47	67	2.74	58	61	26	0	0	0	0
	SHERIDAN	71	39	80	33	55	6	0.03	-0.47	0.03	2.41	77	4.54	101	79	43	0	0	1	0

Based on 1961-90 normals ***** Not Available**

NOTE: These data are preliminary and subject to change. In the past, precipitation totals from a number of stations have been incomplete.

April Weather Summary

Much-needed rain boosted topsoil moisture in the eastern Corn Belt, but dryness continued to intensify in the western Corn Belt, especially from Minnesota southward into Missouri. Meanwhile, heavy rainfall eased or erased drought from eastern Texas to the interior Southeast and central Appalachians, but long-termmoisture deficits continued to mount across the lower Southeast, especially in southern Georgia and northern Florida. Variable amounts of rain fell on the Plains, maintaining generally favorable topsoil moisture levels in key winter wheat areas. Rainfall was particularly welcomed in Oklahoma and across the central and northern High Plains. In contrast, most of southern and western Texas remained extremely dry. Following beneficial March precipitation, dry weather returned to the Southwest. Farther west, mid-month storminess elevated monthly precipitation totals well above normal in much of California and the Northwest. Frequent, occasionally heavy precipitation soaked the Northeast.

Cooler-than-normal weather prevailed across the eastern half of the Nation, ending a 5-month warm spell. However, very warm weather dominated areas from the High Plains to the West Coast. Monthly temperatures averaged as much as 4 °F below normal in the Southeast, but ranged from 2 to 8 °F above normal in the Southwest. In the transition zone, from the Plains and Midwest into the Northeast, near-normal monthly temperatures were belied by rapid day-to-day fluctuations. The month' s most significant cold snaps reached winter wheat areas of the central Plains on April 4, 8, and 16, and portions of the interior Southeast on April 5 and 9.

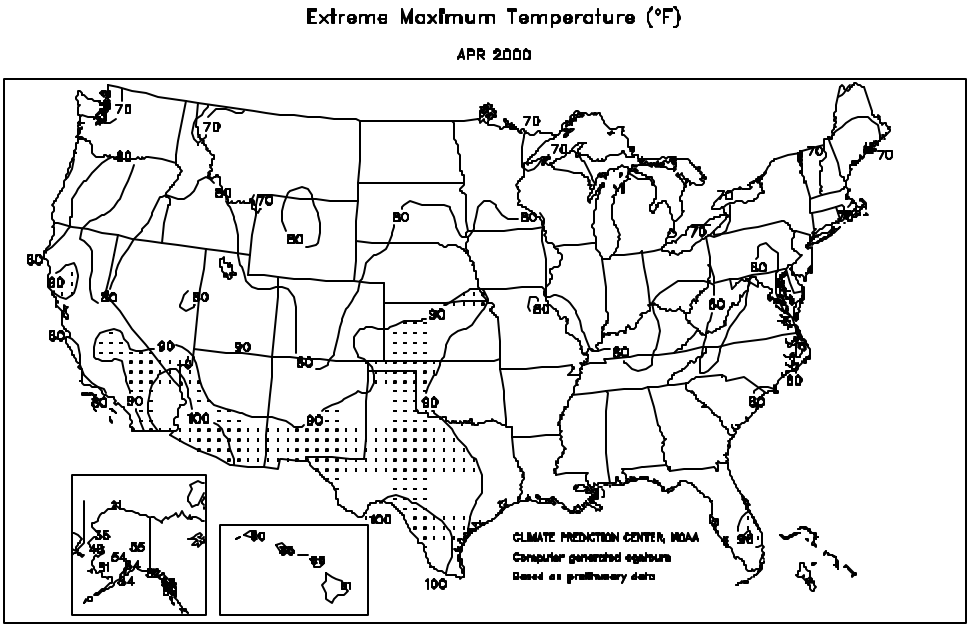
Nationally, well over 100 daily-record highs were set during the month, nearly all from April 1-5 (from the West Coast to the Midwest) and April 26-28 (in the Southwest). In northern California, Ukiah opened the month with consecutive daily-record highs (88 and 92 °F). By April 5, record warmth briefly overspread the Plains and Midwest, where highs included 88°F in Lamoni, IA, 89 °F in Lincoln, NE, and 92 °F in Concordia, KS. Concordia' s high followed a low of 27 °F the previous day. Farther south, episodes of extreme heat periodically affected parts of Texas, where Del Rio posted a daily-record high (101 °F) on April 7. Del Rio tied another daily record on April 23 with a high of 99°F. Elsewhere in Texas on that day, highs soared to 103°F in Cotulla, 100°F in Hondo, and 98 °F in San Antonio. Farther west, Zion National Park, UT collected a trio of daily records (92, 95, and 93°F) from April 26-28.

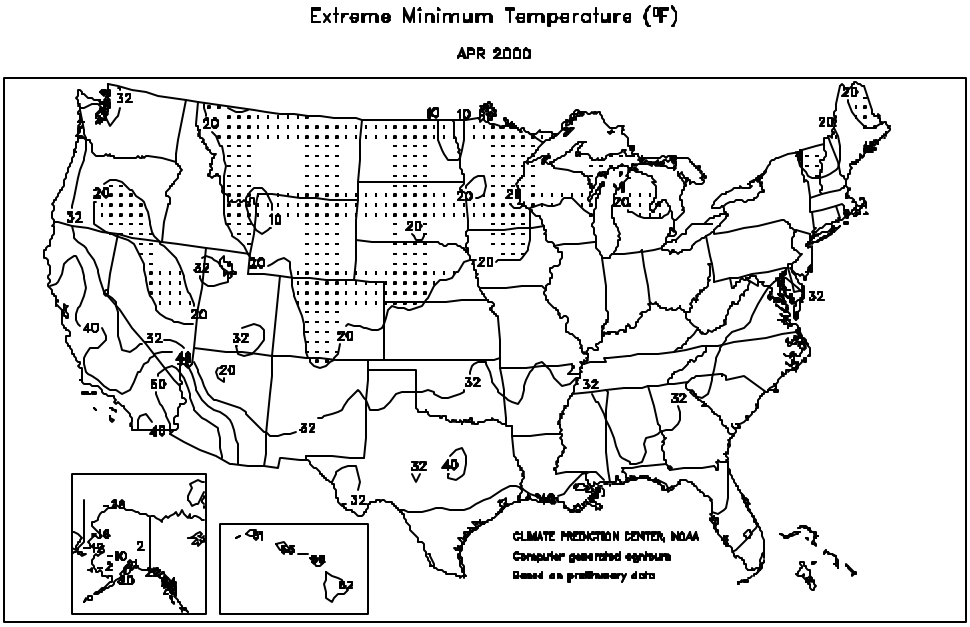
In contrast, more than three dozen daily-record lows were established, many of them in the Southeast on April 9. Macon, GA registered daily-record lows of 32°F on April 5 and 9, during both cold outbreaks in the Southeast. Elsewhere on April 9, lows fell to 27°F in Jackson, TN and Paducah, KY, and 30 °F in Birmingham, AL and Meridian, MS. Garden City, KS noted lows of 23°F on April 4, 8, and 16, although only the last of the three represented a daily-record low. In Goodland, KS, a daily-record high of 86°F on April 14 was followed by a maximum temperature of 29°F the next day. A more prolonged period of cold weather affected the North-Central States around mid-month. On April 11, Fargo, ND marked a daily-record low of 7°F. Four days later, record lows in North Dakota included 6 °F in Grand Forks and 11°F in Devils Lake.

The cool weather pattern in the eastern half of the country ended an overall 5-month warm spell and halted several stations' long-running streaks of above-normal monthly temperatures. In Arkansas, Little Rock' s average temperature of 62.1°F was 0.5 °F below normal, their first cooler-than-normal month since March 1999. Despite the cool conditions, Little Rock' s below-normal monthly rainfall (3.52 inches, or 69 percent of normal) left their 12-month (May 1999 - April 2000) precipitation at 29.24 inches (59 percent), or 20.01 inches below normal. Despite above-normal April rainfall (3.80 inches, or 103 percent of normal) in Indianapolis, IN, the city' s 10-month (July 1999 - April 2000) total stood at 20.70 inches (64 percent). Incidentally, Indianapolis' highest temperature during the month, 75°F on April 20 and 30, was lower than their highest readings in February (76 °F on the 25th) and March (79°F on the 8th).

In the Great Lakes basin, recent drier-than-normal conditions have led to gradually declining lake levels. By month' s end, the level of Lakes Michigan and Huron stood at 577.2 feet above sea level, 1.7 feet below the April 1918-98 average and just 1.2 feet above the March all-time-record low.

Farther west, preliminary data for Iowa indicated that the State' s September-April precipitation was 9.53 inches (58 percent of normal), the lowest since a record-low 9.15 inches fell in 1955-56. Iowa' s lowest precipitation for any 8-month period on record remains 7.17 inches, set from October 1933 - May 1934. Despite the long-term dryness, significant precipitation dampened topsoils in most Corn Belt locations from eastern Iowa eastward. Davenport, IA netted 4.87 inches during the month, including 3.50 inches on April 19-20. Very dry conditions persisted, however, in much of the western Corn Belt. Rochester, MN received 0.94 inch (34 percent of normal) during the month, only the sixth time on record less than 1 inch fell during April. Monthly precipitation totaled 1.40 inches (49 percent of normal) in LaCrosse, WI, their driest April since only 0.60 inch fell in 1966. Farther south, Kansas City, MO noted 0.65 inch (21 percent of normal) during the





month, breaking their April record of 0.80 inch, set in 1948 and 1963. Monthly rainfall totaled 1.06 inches (25 percent of normal) in Springfield, MO, completing their driest January-April period (6.83 inches) since only 4.29 inches fell in 1963.

Farther south, extremely dry conditions also persisted from the central Gulf Coast to Florida and the lower Southeast. With only 1.55 inches (29 percent of normal) during the month, Baton Rouge, LA concluded their driest January-April (8.34 inches, or 40 percent) on record. Tampa, FL collected only 0.43 inch (37 percent of normal) during April, resulting in a third consecutive month with less than one-half inch of rain for the first time since December 1949 - February 1950. In addition, Tampa' s January-April rainfall of 3.09 inches (33 percent of normal) represented their driest start to a year since only 3.08 inches fell during the first 4 months of 1922.

In the Southwest, the watershed area for the Salt and Verde Rivers, which includes Phoenix, AZ, concluded its third-driest October-April on record, with just 3.48 inches of rain (32 percent of the 100-year average). The watershed' s only drier October-April periods were 1903-04, with 2.03 inches, and 1995-96, with 3.36 inches. Elsewhere in Arizona, October-April precipitation totals were as low as 0.35 inch (8 percent of normal) in Safford and 0.37 inch (8 percent) in Douglas. Phoenix netted 2.99 inches (63 percent of normal) during the period, nearly all (2.77 inches) of which fell from March 4-7. Meanwhile in Texas, long-term drought continued to deepen across southern and western areas. Through April, year-to-date precipitation in San Angelo, TX stood at 1.65 inches, or 37 percent of normal. Near San Angelo, Twin Butte Reservoir held just 3 percent of its normal conservation storage during April, while O.C. Fisher Lake held 11 percent. Through early May, year-to-date wildfires consumed about 750,000 acres in the United States. The Southwestern and Southern regions, comprised of 15 States from Arizona to the southern Atlantic Coast (Virginia to Florida), accounted for more than 610,000 burned acres, greater than 80 percent of the Nation' s total.

In contrast, Beaumont, TX received 8.67 inches (247 percent of normal) during the month, nearly two-thirds (5.75 inches) of which fell on April 12. In Mississippi, Jackson netted 7.82 inches (140 percent of normal), including a 24-hour total of 4.88 inches on April 2-3. Elsewhere, monthly rainfall exceeded 8 inches in locations such as Tupelo, MS (8.01 inches), Birmingham, AL (8.19 inches), and Chattanooga, TN (8.54 inches). Heavy precipitation, including occasional snow, also fell in the Northeast. Monthly totals exceeded 6 inches at numerous stations, including Worcester, MA (6.85 inches) and Binghamton, NY (6.47 inches). From April 9-12, a pair of storm systems blanketed northern portions of New York and New England with heavy snow, totaling 31.7 inches in Eden, VT and 25.0 inches in Malone, NY. On April 9-10, snowfall of 13.3 inches in Albany, NY and 14.4 inches in Burlington, VT represented the cities' second-heaviest, single-storm totals on record during April. Burlington' s monthly snowfall, 19.1 inches, was second only to a 21.3-inch sum in April 1983. Farther west, several significant snowfall events affected areas from the northern Plains and upper Midwest to the Great Lakes States during the first half of the month. Monthly snowfall reached 11.0 inches in Huron, SD, 8.4 inches in Glasgow, MT, and 4.9 inches in Flint, MI. An especially severe storm struck the Black Hills on April 19, when Rapid City, SD received 14.0 inches of snow, driven by wind gusts to 59 mph.

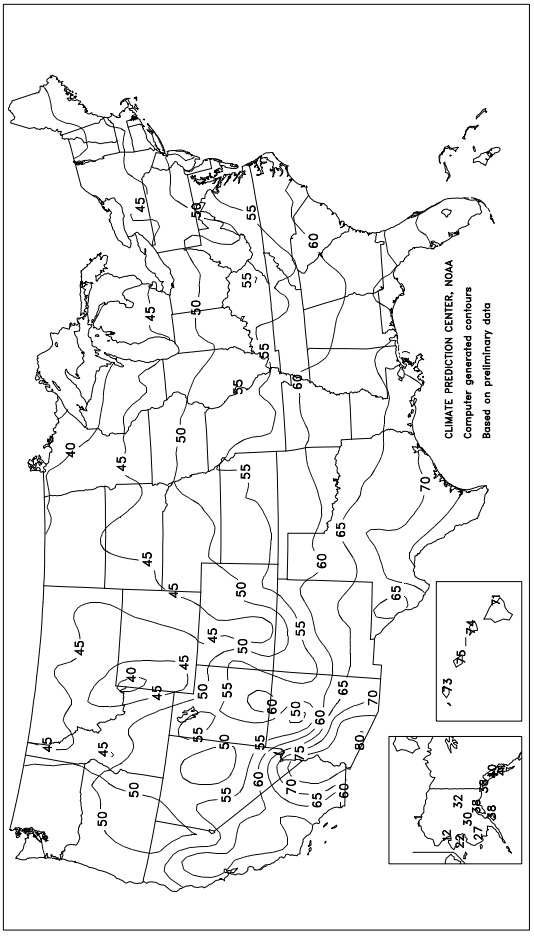
In the West, storminess around mid-month interrupted an otherwise tranquil weather pattern. In California' s San Joaquin Valley, all of Fresno' s monthly rain (1.16 inches) fell from April 13-17. Similarly in Merced, just to the northwest, 2.06 inches fell during the same period. Downtown Sacramento netted 2.05 inches (165 percent of normal) for the month, aided by a 24-hour, storm-total rainfall of 1.63 inches on April 16-17. During the storm, rainfall exceeded 5 inches in a few locations, including Orange County' s Santiago Peak (5.63 inches). In southwestern Oregon, Medford noted their wettest April on record, with 3.59 inches of rain (309 percent of normal). Medford' s previous record, 3.07 inches, was set in 1965. Farther north, Spokane, WA received an April-record 24-hour total of 1.53 inches on April 13-14, en route to a monthly total of 2.16 inches (183 percent of normal). Spokane' s 2-day (April 13-14) total reached 1.75 inches.

Mostly dry weather returned to Hawaii toward month' s end, following scattered, beneficial showers earlier in April. Nevertheless, April rainfall was below normal in most areas, bringing little relief from the long-running dry spell. Honolulu received 0.46 inch (30 percent of normal) during April, leaving their 30-month (November 1997 - April 2000) rainfall at 19.99 inches (33 percent). Extremely dry conditions persisted throughout April in drought-stricken southeastern portions of the Big Island, where monthly totals included 0.03 inch (less than 1 percent of normal) in Kapapala and 0.04 inch (1 percent) in Pahala.

In Alaska, monthly temperatures ranged from near to above normal statewide, averaging as much as 4 °F above normal in western areas. Mostly dry weather prevailed except across southern portions of the State. Nome' s monthly temperature averaged 21.3°F (3.7°F above normal), including a daily-record high (40°F) on April 13, but netted only 0.19 inch of precipitation (28 percent of normal). Only 0.01 inch (3 percent of normal) dampened Fairbanks. In contrast, monthly precipitation reached 6.99 inches (166 percent of normal) in Kodiak, 4.41 inches (224 percent) in Cold Bay, and 4.40 inches (159 percent) in Juneau.

Average Temperature (°F)

APR 2000



Departure of Average Temperature from Normal (°F)

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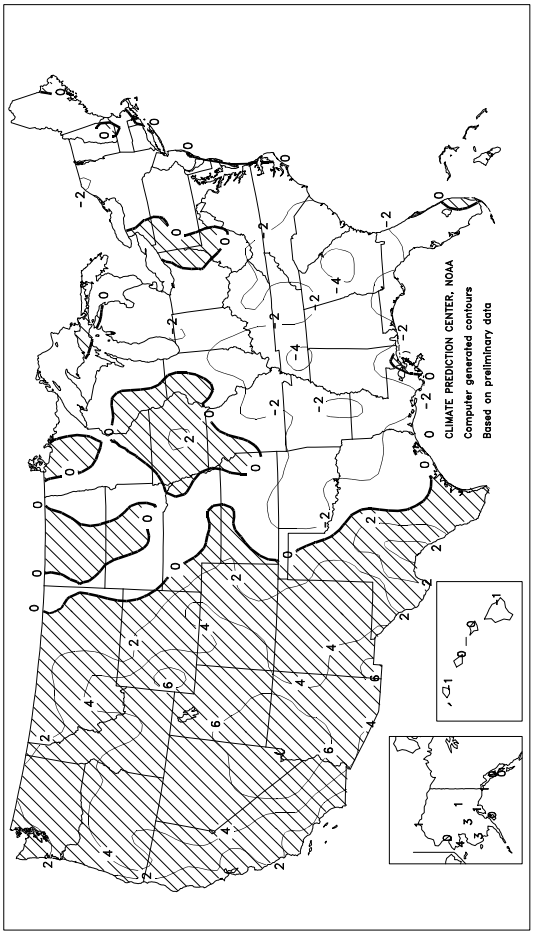

Total Precipitation (Inches)

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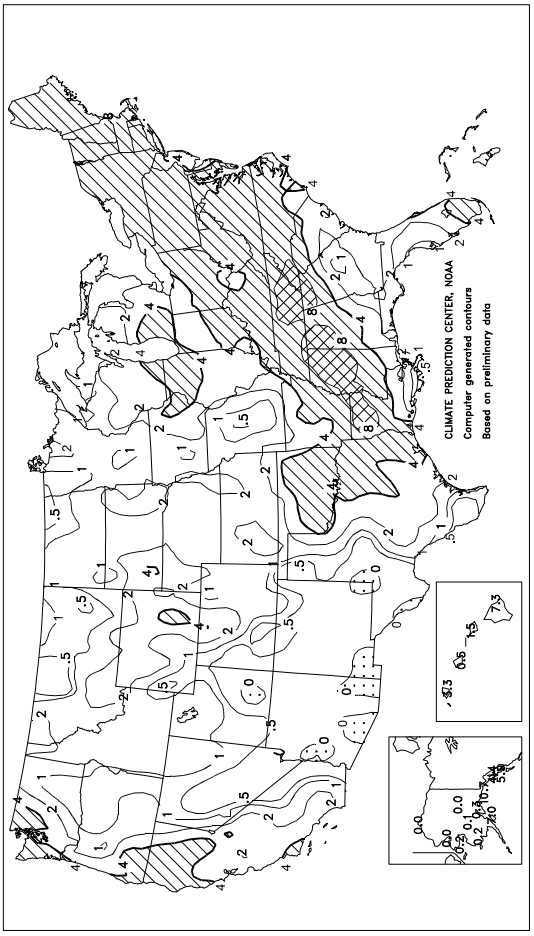

Percent Of Normal Precipitation

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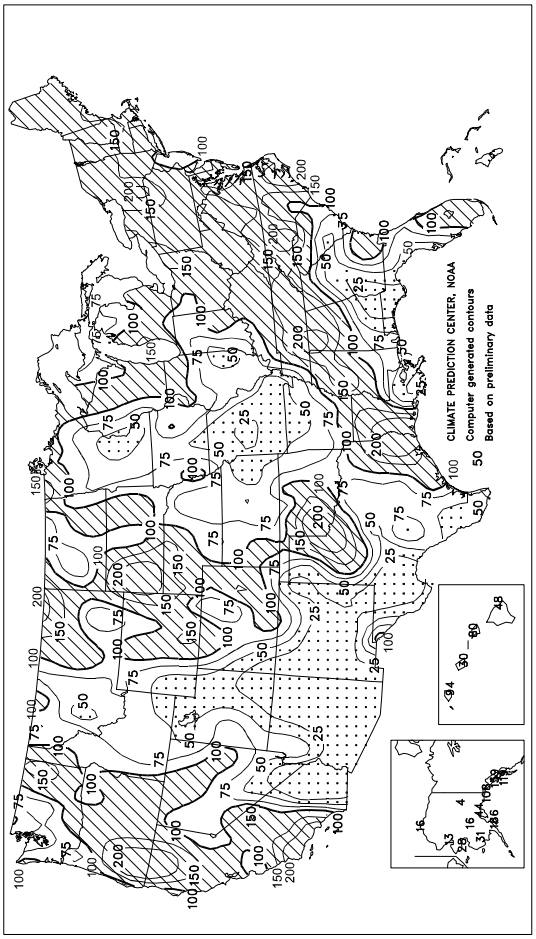


TEMPERATURE AND PRECIPITATION SUMMARY
April 2000

STATES AND STATIONS		TEMP, EF		PRECIP.		STATES AND STATIONS		TEMP, EF		PRECIP.		STATES AND STATIONS		TEMP, EF		PRECIP.	
		AVERAGE	DEPARTURE	TOTAL	DEPARTURE			AVERAGE	DEPARTURE	TOTAL	DEPARTURE			AVERAGE	DEPARTURE	TOTAL	DEPARTURE
AL	BIRMINGHAM	59	-3	8.19	3.23		LEXINGTON	53	-2	4.52	0.64		COLUMBUS	51	0	4.15	0.94
	HUNTSVILLE	58	-3	8.40	3.47		LONDON-CORBIN	54	-2	4.87	0.95		DAYTON	51	0	4.19	0.73
	MOBILE	65	-3	2.43	-2.05		LOUISVILLE	56	0	3.54	-0.69		MANSFIELD	47	-1	4.38	0.74
	MONTGOMERY	61	-4	1.64	-2.85		PADUCAH	55	-3	4.63	-0.38		TOLEDO	48	0	3.55	0.59
AK	ANCHORAGE	38	2	0.29	-0.38	LA	BATON ROUGE	65	-4	1.55	-3.82		YOUNGSTOWN	47	0	4.58	1.52
	BARROW	-1	1	0.03	-0.17		LAKE CHARLES	67	-1	5.49	2.16	OK	OKLAHOMA CITY	59	-1	5.17	2.40
	COLD BAY	34	1	4.41	2.44		NEW ORLEANS	69	0	1.13	-3.37		TULSA	60	-2	2.71	-1.01
	FAIRBANKS	32	1	0.01	-0.31		SHREVEPORT	64	-1	5.67	1.92	OR	ASTORIA	51	3	3.83	-0.77
	JUNEAU	40	0	4.40	1.63	ME	BANGOR	42	0	5.63	2.31		BURNS	48	5	0.80	0.15
	KING SALMON	35	4	0.47	-0.66		CARIBOU	37	-1	4.58	2.13		EUGENE	51	0	5.95	2.84
	KODIAK	38	0	6.99	2.79		PORTLAND	43	0	5.44	1.36		MEDFORD	55	4	3.59	2.43
	NOME	22	4	0.19	-0.49	MD	BALTIMORE	53	0	5.06	1.97		PENDLETON	54	4	0.60	-0.44
AZ	FLAGSTAFF	47	5	0.19	-1.29	MA	BOSTON	47	-1	5.03	1.43		PORTLAND	55	4	1.82	-0.57
	PHOENIX	75	5	0.00	-0.22		WORCESTER	44	0	6.85	2.94		SALEM	52	3	1.30	-1.12
	TUCSON	71	5	0.00	-0.30	MI	ALPENA	40	-1	2.20	-0.05	PA	ALLENTOWN	49	-1	3.77	0.25
AR	FORT SMITH	60	-1	2.42	-1.55		DETROIT	48	1	4.35	1.40		ERIE	46	0	5.09	1.85
	LITTLE ROCK	61	-1	3.52	-1.97		FLINT	45	-1	2.88	-0.06		MIDDLETOWN	52	0	2.63	-0.61
CA	BAKERSFIELD	63	0	0.57	0.00		GRAND RAPIDS	46	0	4.35	0.98		PHILADELPHIA	53	1	3.03	-0.59
	EUREKA	***	***	2.15	-0.73		HOUGHTON LAKE	41	-1	1.43	-0.79		PITTSBURGH	50	0	3.19	0.04
	FRESNO	64	3	1.16	0.19		LANSING	44	-2	3.30	0.49		WILKES-BARRE	48	0	2.90	-0.07
	LOS ANGELES	61	1	1.88	1.16		MUSKEGON	44	-1	5.00	2.10		WILLIAMSPORT	49	0	5.18	1.95
	REDDING	60	2	3.57	1.49		TRAVERSE CITY	41	-1	1.42	-0.86	PR	SAN JUAN	79	0	1.20	-2.29
	SACRAMENTO	61	3	2.05	0.89	MN	DULUTH	38	-1	1.38	-0.87	RI	PROVIDENCE	47	0	5.06	0.95
	SAN DIEGO	62	0	0.54	-0.25		INT'L FALLS	39	0	1.65	0.07	SC	CHARLESTON	63	-2	1.78	-0.89
	SAN FRANCISCO	58	2	2.15	0.78		MINNEAPOLIS	47	1	1.12	-1.30		COLUMBIA	61	-2	1.47	-1.81
	STOCKTON	61	2	1.22	0.14		ROCHESTER	46	1	0.94	-1.79		FLORENCE	61	-2	2.71	-0.05
CO	ALAMOSA	45	4	0.60	0.11		ST. CLOUD	43	-1	0.97	-1.38		GREENVILLE	57	-3	4.70	0.84
	CO SPRINGS	49	3	0.62	-0.57	MS	JACKSON	62	-3	7.82	2.25		MYRTLE BEACH	61	***	2.87	***
	DENVER	50	2	0.68	-1.03		MERIDIAN	61	-3	4.44	-1.02	SD	ABERDEEN	44	-1	2.47	0.52
	GRAND JUNCTION	57	5	0.32	-0.43		TUPELO	60	-2	8.01	2.76		HURON	47	1	2.61	0.52
	PUEBLO	53	1	1.21	0.33	MO	COLUMBIA	54	-1	0.90	-2.93		RAPID CITY	43	-2	5.98	4.09
CT	BRIDGEPORT	47	-1	5.18	1.43		JOPLIN	57	-1	1.09	-2.89		SIOUX FALLS	46	-1	2.27	-0.25
	HARTFORD	47	-2	4.34	0.49		KANSAS CITY	55	0	0.65	-2.47	TN	BRISTOL	53	-2	3.55	0.25
DC	WASHINGTON	55	-1	5.13	2.42		SPRINGFIELD	54	-2	1.06	-3.12		CHATTANOOGA	59	0	8.54	4.23
DE	WILMINGTON	52	0	3.43	0.04		ST JOSEPH	54	0	2.16	-0.84		JACKSON	57	-4	4.86	-0.50
FL	DAYTONA BEACH	68	-1	1.15	-1.08		ST LOUIS	55	-2	1.84	-1.66		KNOXVILLE	56	-2	6.69	2.97
	FT LAUDERDALE	77	3	3.12	-0.17	MT	BILLINGS	47	1	1.63	-0.11		MEMPHIS	61	-2	4.00	-1.46
	FT MYERS	72	-1	1.91	0.85		BUTTE	44	6	0.57	-0.35		NASHVILLE	57	-2	6.23	1.86
	JACKSONVILLE	64	-3	2.60	-0.17		GLASGOW	44	0	1.06	0.37	TX	ABILENE	68	3	0.64	-1.26
	KEY WEST	76	-1	2.22	0.47		GREAT FALLS	46	2	0.36	-1.05		AMARILLO	58	1	0.43	-0.56
	MELBOURNE	70	-1	2.64	1.08		HELENA	47	4	0.54	-0.43		AUSTIN	67	-3	1.64	-0.92
	MIAMI	75	0	3.36	0.51		KALISPELL	44	1	0.80	-0.30		BEAUMONT	68	-1	8.67	5.16
	ORLANDO	70	-1	2.22	0.42		MILES CITY	48	2	0.55	-0.81		BROWNSVILLE	76	1	0.00	-1.56
	PENSACOLA	65	-3	1.87	-1.90		MISSOULA	47	3	0.90	-0.06		COLLEGE STATION	68	0	1.96	-1.42
	ST PETERSBURG	71	-2	0.44	-0.85	NE	GRAND ISLAND	50	-1	1.60	-0.90		CORPUS CHRISTI	73	0	1.02	-0.70
	TALLAHASSEE	65	-1	1.00	-2.74		HASTINGS	50	0	1.26	-1.23		DALLAS/FT WORTH	65	0	1.65	-1.85
	TAMPA	71	0	0.43	-0.72		LINCOLN	51	-1	1.52	-1.24		DEL RIO	75	4	0.90	-1.08
	WEST PALM BEACH	73	0	4.09	1.18		MCCOOK	52	2	1.38	-0.60		EL PASO	69	6	0.28	0.08
GA	ATHENS	59	-3	1.70	-2.29		NORFOLK	50	0	1.15	-1.14		GALVESTON	71	2	2.25	-0.18
	ATLANTA	58	-4	2.63	-1.63		NORTH PLATTE	48	0	1.65	-0.34		HOUSTON	68	0	5.52	2.31
	AUGUSTA	60	-3	1.12	-2.19		OMAHA/EPPLEY	52	0	2.85	0.19		LUBBOCK	62	1	1.67	0.70
	COLUMBUS	62	-3	1.34	-2.96		SCOTTSBLUFF	47	1	2.82	1.24		MIDLAND	67	2	0.19	-0.64
	MACON	60	-4	0.68	-2.78		VALENTINE	46	0	2.67	1.00		SAN ANGELO	70	3	0.57	-1.10
	SAVANNAH	63	-3	2.84	-0.19	NV	ELKO	48	4	0.69	-0.13		SAN ANTONIO	71	2	1.22	-1.28
HI	HILO	71	-2	7.25	-8.01		ELY	47	5	1.10	0.10		VICTORIA	71	0	2.96	0.55
	HONOLULU	75	-1	0.46	-1.08		LAS VEGAS	71	7	0.01	-0.20		WACO	67	0	2.82	-0.37
	KAHULUI	74	0	1.26	-0.58		RENO	54	5	0.34	-0.04		WICHITA FALLS	63	0	2.81	-0.20
	LIHUE	73	-1	3.32	-0.18		WINNEMUCCA	51	5	1.08	0.24	UT	SALT LAKE CITY	55	5	0.76	-1.36
ID	BOISE	55	6	1.01	-0.23	NH	CONCORD	45	1	4.83	1.92	VT	BURLINGTON	42	-2	5.01	2.25
	LEWISTON	55	4	0.99	-0.14	NJ	ATLANTIC CITY	50	0	2.65	-0.91	VA	LYNCHBURG	54	-2	3.12	0.03
	POCATELLO	50	5	0.60	-0.60		NEWARK	51	-1	3.57	-0.27		NORFOLK	57	0	3.70	0.64
IL	CHICAGO/O'HARE	47	-2	5.15	1.51	NM	ALBUQUERQUE	59	4	0.01	-0.51		RICHMOND	56	-1	4.78	1.82
	MOLINE	51	1	4.28	0.38	NY	ALBANY	45	-1	4.24	1.25		ROANOKE	55	-1	5.71	2.46
	PEORIA	52	1	2.53	-1.24		BINGHAMTON	43	-1	6.47	3.34		WASH/DULLES	53	0	4.36	1.25
	ROCKFORD	48	0	3.66	0.01		BUFFALO	44	-1	4.35	1.48	WA	OLYMPIA	50	3	2.40	-0.89
	SPRINGFIELD	52	-1	1.94	-1.74		ROCHESTER	45	-1	2.61	0.00		QUILLAYUTE	48	2	7.67	0.16
IN	EVANSVILLE	54	-2	2.35	-1.67		SYRACUSE	44	-2	4.24	0.91		SEATTLE-TACOMA	51	2	1.48	-0.85
	FORT WAYNE	49	0	2.09	-1.29	NC	ASHEVILLE	53	-2	5.11	1.75		SPOKANE	49	3	2.16	0.98
	INDIANAPOLIS	51	-1	3.80	0.10		CHARLOTTE	57	-2	5.48	2.80		YAKIMA	52	3	0.53	0.03
	SOUTH BEND	47	-2	3.69	-0.13		GREENSBORO	56	-2	4.70	1.86	WV	BECKLEY	50	-1	4.67	1.24
IA	BURLINGTON	52	0	2.66	-0.83		HATTERAS	60	1	4.99	1.46		CHARLESTON	54	-1	4.69	1.38
	CEDAR RAPIDS	49	0	2.53	-0.66		RALEIGH	57	-2	4.69	2.10		ELKINS	49	1	4.13	0.31
	DES MOINES	52	1	1.29	-2.07		WILMINGTON	61	-1	4.64	1.77		HUNTINGTON	54	-1	4.15	0.72
	DUBUQUE	48	0	3.35	-0.37	ND	BISMARCK	44	1	1.51	-0.16	WI	EAU CLAIRE	45	0	2.17	-0.66
	SIOUX CITY	51	1	1.94	-0.40		DICKINSON	43	1	1.18	-0.70		GREEN BAY	42	-2	2.15	-0.25
	WATERLOO	49	1	3.31	0.01		FARGO	42	-1	1.33	-0.49		LA CROSSE	49	1	1.40	-1.48
KS	CONCORDIA	53	0	1.22	-1.09		GRAND FORKS	40	-2	1.06	-0.29		MADISON	45	0	3.18	0.32
	DODGE CITY	54	-1	2.04	-0.01		JAMESTOWN	41	-1	1.92	0.38		MILWAUKEE	44	0	3.64	0.14
	GOODLAND	51	2	1.23	-0.07		MINOT	42	0	1.05	-0.95		WAUSAU	44	0	2.76	0.01
	HILL CITY	52	0	1.56	-0.37		WILLISTON	43	0	1.65	0.37	WY	CASPER	45	2	1.19	-0.37
	TOPEKA	55	0	1.07	-2.01	OH	AKRON-CANTON	49	0	5.18	2.02		CHEYENNE	46	4	0.58	-0.79
	WICHITA	55	-1	1.21	-1.17		CINCINNATI	52	-1	4.27	0.52		LANDER	47	4	1.71	-0.37
KY	JACKSON	55	-2	4.97	1.02		CLEVELAND	47	-1	3.72	0.58		SHERIDAN	45	1	1.59	-0.13

Based on 1961-90 normals. (Note: 24 new stations added for December 1999 table) ***** Not Available**.

National Agricultural Summary

May 1 - 7, 2000

HIGHLIGHTS

Dry weather aided rapid planting across most of the Nation, although some growers in the western Corn Belt and parts of the Great Plains waited for rain to provide adequate moisture. Heavy rain interrupted planting in the lower Mississippi Valley and adjacent areas in the southern Great Plains. Planted crops rapidly emerged due to warm weather. However, seeds took nearly 2 weeks to germinate in many areas due to moisture shortages, especially in the western Corn Belt and southern High Plains. Crop development was stimulated by above-normal temperatures where adequate moisture was available.

Winter Wheat: Fifty-one percent of the crop was at the heading stage or beyond, ahead of last year' s 40-percent progress, and nearly 1 week ahead of the 34-percent average for this date. Development was stimulated by above-normal temperatures in the Corn Belt and most of the Great Plains. Forty percent of the Kansas crop and about one-third of the Illinois and Missouri acreage entered the heading stage during the week, pushing development well ahead of normal in all three States. Development was slightly hindered by below-normal temperatures in Oklahoma, although most of the crop was at or beyond the heading stage. Along the western Gulf Coast, most of the crop was turning color and some fields were harvested. No fields were heading in South Dakota, Montana, Idaho, or Michigan, but a few fields began heading in Nebraska.

Corn: Planting progress, at 78 percent, remained more than 1 week ahead of last year and the 5-year average. The rapid planting pace continued through a second consecutive week in the Corn Belt. Wisconsin growers planted 44 percent of their corn acreage during the week. Planting advanced 30 percentage points or more in several other Corn Belt States. Planting neared completion in Illinois, Iowa, Minnesota, and Missouri, although some growers waited for rain to recharge soil moisture supplies. Dry soils also limited progress in Texas. Last year, 45 percent of the crop was planted, while 44 percent would normally be planted by this date. Thirty percent of the crop was emerged, well ahead of last year' s 9-percent pace. Germination and emergence were aided by above-normal temperatures, although many seeds laid in dry soils for nearly 2 weeks before sprouting. Light, scattered showers relieved excessive dryness and promoted germination in some areas, but moisture shortages remained widespread, especially in the western Corn Belt.

Soybeans: Thirty-four percent of the acreage was planted, compared with 9 percent last year and the 5-year average of 8 percent. Planting accelerated in the Corn Belt, as many growers finished planting corn and focused their efforts on planting soybeans. In Iowa and Minnesota, growers planted nearly half of their soybean crop during the week, far ahead of the normal pace in both States. Planting was about 3 weeks ahead of normal in Missouri and 10 days ahead of average in Indiana. Planting also gained momentum in Ohio, but was just slightly ahead of the 5-year average. Planting was active in the lower Mississippi Valley, even though wet weather interfered with progress in parts of Arkansas, Louisiana, and Mississippi. In North Carolina, planting began, but was slightly behind the average for this date. Planting also began in North Dakota, Tennessee, and Wisconsin.

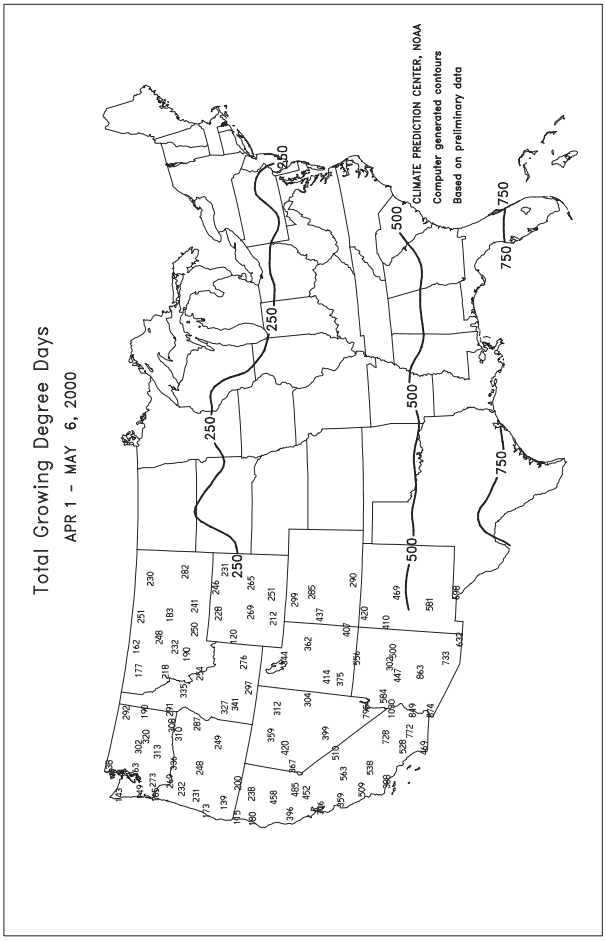
Small grains: Planting and emergence of spring wheat, barley, and oats were well ahead of last year and the 5-year average. Planting was aided by mostly dry weather, while above-normal temperatures and adequate moisture promoted rapid emergence across most of the northern Great Plains and Pacific Northwest. Spring wheat was 79 percent planted and 45 percent emerged, compared with last year' s 55 and 25 percent, respectively. Normally, planting would be 44 percent complete and 18 percent would be emerged. In Minnesota and North Dakota, planting advanced 29 and 28 percentage points, respectively. Seeds rapidly germinated and emerged in South Dakota and Montana, where emergence advanced more than 30 percentage points. The barley crop was 77 percent seeded and 43 percent emerged, compared with last year' s53 and 26 percent, respectively. Normally, 48 percent would be planted and 22 percent emerged by this date. Planting rapidly progressed in Minnesota, North Dakota, and Montana, as mostly dry conditions prevailed. In Idaho and Washington, planting was nearly complete. Oat seeding advanced to 86 percent complete, compared with last year' s 65-percent pace, and the 58-percent average for this date. Planting advanced 30 percentage points in North Dakota and 25 percentage points in Pennsylvania. In Iowa and Nebraska, planting was complete. Fifty-six percent of the crop was emerged, 14 percentage points ahead of a year ago. Oats rapidly emerged in the northern Corn Belt, despite increasing moisture shortages.

Cotton: Planting was 37 percent complete, 6 percentage points ahead of the same date last year and 3 percentage points ahead of the 5-year average. Heavy rain halted planting in eastern and southern Texas, while soil moisture shortages limited progress on the High Plains. Warm, dry weather aided planting in the Southeast and Atlantic Coastal Plains, advancing nearly 40 percentage points in Mississippi and Virginia and 20 percentage points or more in Alabama, Georgia, and North Carolina. Planting also rapidly advanced in the lower Mississippi Valley, despite rain delays in some areas. Planting accelerated in Arkansas and Tennessee, advancing about 20 percentage points, and more than doubled in the Missouri Bootheel, to 78 percent complete, 2 weeks ahead of the average pace.

Rice: Seventy-five percent of the acreage was planted, 6 percentage points ahead of a year ago and 8 percentage points ahead of the normal progress for this date. Dry weather aided progress in California, where planting advanced 40 percentage points. In the Mississippi Delta, planting rapidly progressed in spite of rain delays, but remained well behind the 5-year average in Mississippi. Forty-eight percent of the crop was emerged, ahead of last year' s 39-percent progress and 5 percentage points ahead of the average for this date. Above-normal temperatures aided rapid emergence in Arkansas and Mississippi.

Sorghum: Twenty-seven percent of the acreage was planted, 6 percentage points ahead of last year, and 2 percentage points ahead of the average for this date. Planting rapidly progressed in the lower Mississippi Valley, despite rain delays. Planting accelerated in the central Great Plains and Corn Belt due to warm, dry weather.

Other crops: Ninety-three percent of the sugar beets and 21 percent of the peanuts were planted. Sugar beet planting was complete in Idaho and rapidly approached completion in Minnesota and North Dakota. Peanut planting quickly progressed in Alabama, but remained behind the 5-year average across the Southeast and Atlantic Coastal Plains. Planting was well ahead of normal in Texas.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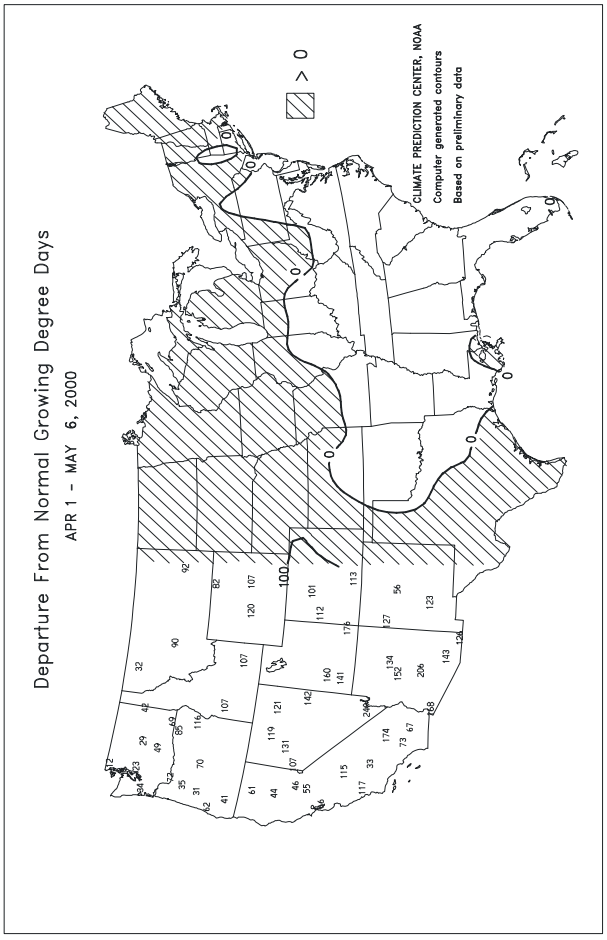
APR 1 - MAY 6, 2000
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data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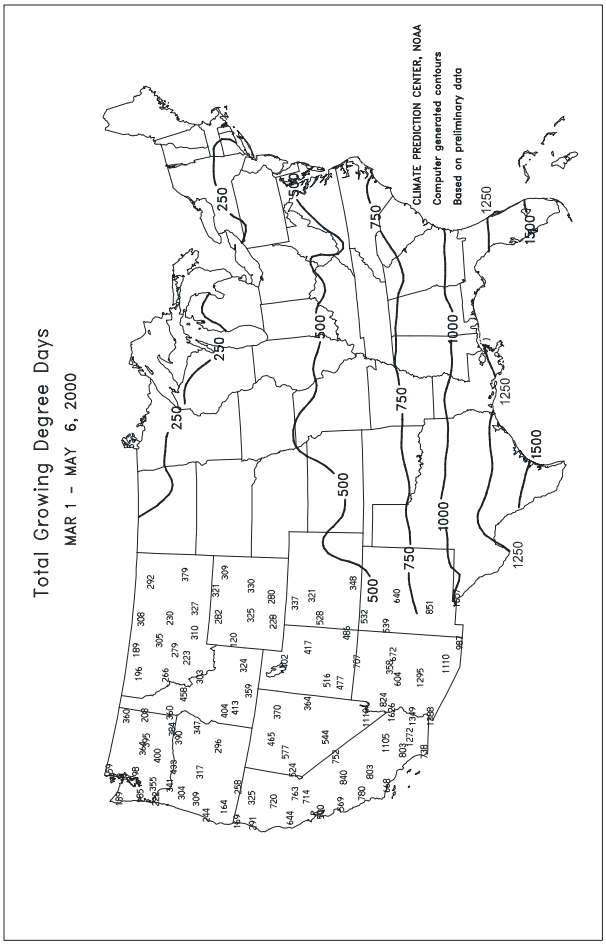
Based on preliminary data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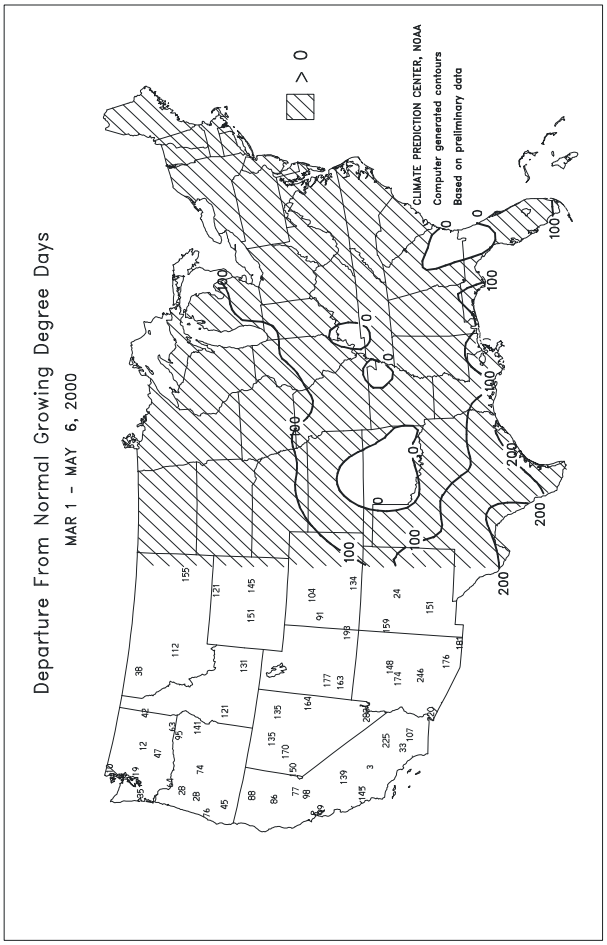
Computer generated contours
Based on preliminary data


Departure From Normal Growing Degree Days
MAR 1 - MAY 6, 2000
> 0
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

Crop Progress and Condition

Week Ending May 7, 2000

Winter Wheat Percent Headed

	May 7 2000	Prev Week	Prev Year	5-Yr Avg
AR	99	96	95	91
CA	98	97	97	98
CO	11	3	3	2
ID	0	0	0	0
IL	48	14	22	15
IN	27	13	17	13
KS	54	14	31	19
MI	0	0	0	0
MO	66	34	29	27
MT	0	0	0	0
NE	1	0	1	0
NC	95	80	92	87
OH	2	0	1	1
OK	93	76	81	74
OR	5	0	0	0
SD	0	0	0	0
TX	77	64	75	67
WA	3	0	0	1
18 Sts	51	33	40	34

These 18 States planted 90% of last year's winter wheat acreage.

Corn Percent Planted

	May 7 2000	Prev Week	Prev Year	5-Yr Avg
CO	46	20	22	49
IL	91	58	44	45
IN	66	35	44	29
IA	95	65	51	49
KS	86	73	41	60
KY	75	57	74	52
MI	35	5	31	25
MN	93	72	68	58
MO	96	91	37	49
NE	79	40	23	41
NC	87	72	82	86
ND	55	20	28	20
OH	44	7	58	34
PA	28	8	34	27
SD	63	24	16	19
TN	81	70	89	83
TX	89	80	79	84
WI	62	18	41	27
18 Sts	78	49	45	44

These 18 States planted 92% of last year's corn acreage.

Soybeans Percent Planted

	May 7 2000	Prev Week	Prev Year	5-Yr Avg
AR	16	9	9	11
IL	36	6	4	7
IN	29	10	16	10
IA	56	9	4	6
KS	26	11	3	5
KY	12	6	8	3
LA	41	26	27	24
MI	10	1	6	4
MN	54	10	13	13
MS	47	24	39	33
MO	41	19	2	3
NE	26	7	1	3
NC	5	0	5	8
ND	12	0	0	3
OH	19	3	33	15
SD	18	*2	1	2
TN	4	0	5	3
WI	22	0	6	4
18 Sts	34	8	9	8

These 19 States planted 93% of last year's soybean acreage.

Cotton Percent Planted

	May 7 2000	Prev Week	Prev Year	5-Yr Avg
AL	60	32	49	54
AZ	76	65	73	87
AR	29	7	28	26
CA	98	93	84	77
GA	37	17	26	40
LA	62	47	59	52
MS	56	19	39	37
MO	78	37	31	18
NC	30	7	33	35
OK	6	3	8	6
SC	31	13	29	40
TN	25	6	26	24
TX	20	18	19	24
VA	45	6	65	56
14 Sts	37	23	31	34

These 14 States planted 99% of last year's cotton acreage.

Corn Percent Emerged

	May 7 2000	Prev Week	Prev Year	5-Yr Avg
CO	11	2	3	5
IL	38	11	7	NA
IN	15	0	7	NA
IA	36	2	1	2
KS	46	26	13	8
KY	51	24	48	41
MI	3	0	2	3
MN	37	0	6	7
MO	66	57	19	NA
NE	24	5	1	2
NC	69	50	69	NA
ND	12	0	1	1
OH	3	0	13	5
PA	1	0	2	NA
SD	8	1	0	NA
TN	65	40	61	NA
TX	70	64	64	NA
WI	5	0	1	NA
18 Sts	30	9	9	NA

These 18 States planted 92% of last year's corn acreage.

Spring Wheat Percent Planted

	May 7 2000	Prev Week	Prev Year	5-Yr Avg
ID	96	88	83	81
MN	90	61	56	37
MT	71	54	68	59
ND	72	44	31	24
SD	96	83	79	53
WA	97	91	96	86
6 Sts	79	57	55	44

These 6 States planted 98% of last year's spring wheat acreage.

Spring Wheat Percent Emerged

	May 7 2000	Prev Week	Prev Year	5-Yr Avg
ID	82	61	54	54
MN	41	17	24	14
MT	37	6	23	17
ND	33	10	12	8
SD	79	47	49	25
WA	81	63	76	68
6 Sts	45	19	25	18

These 6 States planted 98% of last year's spring wheat acreage.

Crop Progress and Condition

Week Ending May 7, 2000

Oats Percent Planted

	May 7 2000	Prev Week	Prev Year	5-Yr Avg
IA	100	99	98	90
MN	87	74	69	68
NE	100	99	97	95
ND	66	36	19	18
OH	92	79	94	82
PA	86	61	82	76
SD	90	75	66	50
WI	98	80	88	70
8 Sts	86	68	65	58

These 8 States planted 52% of last year's oat acreage.

Oats Percent Emerged

	May 7 2000	Prev Week	Prev Year	5-Yr Avg
IA	94	83	85	59
MN	56	38	38	27
NE	94	80	90	59
ND	23	9	6	5
OH	69	53	84	60
PA	57	37	49	NA
SD	63	43	33	22
WI	61	33	50	NA
8 Sts	56	38	42	NA

These 8 States planted 52% of last year's oat acreage.

Barley Percent Planted

	May 7 2000	Prev Week	Prev Year	5-Yr Avg
ID	95	84	66	67
MN	82	58	37	30
MT	76	55	70	58
ND	60	30	18	18
WA	95	87	92	84
5 Sts	77	56	53	48

These 5 States planted 78% of last year's barley acreage.

Barley Percent Emerged

	May 7 2000	Prev Week	Prev Year	5-Yr Avg
ID	76	60	39	38
MN	35	16	15	11
MT	37	8	25	18
ND	19	4	5	5
WA	79	50	72	59
5 Sts	43	21	26	22

These 5 States planted 78% of last year's barley acreage.

Rice Percent Planted

	May 7 2000	Prev Week	Prev Year	5-Yr Avg
AR	71	56	64	68
CA	60	20	41	22
LA	97	95	88	87
MS	63	36	82	84
TX	95	91	92	81
5 Sts	75	58	69	67

These 5 States planted 95% of last year's rice acreage.

Rice Percent Emerged

	May 7 2000	Prev Week	Prev Year	5-Yr Avg
AR	42	19	28	37
CA	15	5	7	4
LA	84	76	79	75
MS	35	9	42	56
TX	88	83	79	65
5 Sts	48	31	39	43

These 5 States planted 95% of last year's rice acreage.

Peanuts Percent Planted

	May 7 2000	Prev Week	Prev Year	5-Yr Avg
AL	34	8	27	35
FL	23	16	28	26
GA	20	6	19	39
NC	15	1	28	17
OK	12	3	8	13
TX	21	4	13	10
VA	17	0	39	31
7 Sts	21	6	20	27

These 7 States planted 98% of last year's peanut acreage.

Sugar Beets Percent Planted

	May 7 2000	Prev Week	Prev Year	5-Yr Avg
ID	100	94	93	97
MI	65	52	NA	NA
MN	98	85	72	52
ND	98	78	65	45
4 Sts	93	79	NA	NA

These 4 States planted 73% of last year's sugar beet acreage.

Sorghum Percent Planted

	May 7 2000	Prev Week	Prev Year	5-Yr Avg
AR	72	62	54	60
CO	8	1	1	2
IL	12	8	0	1
KS	13	9	1	5
LA	58	43	61	57
MO	39	24	4	7
NE	3	1	0	2
NM	0	0	0	1
OK	9	7	3	6
SD	6	0	0	4
TX	48	46	46	57
11 Sts	27	23	19	25

These 11 States planted 98% of last year's sorghum acreage.

Winter Wheat Crop Condition by Percent

	VP	P	F	G	EX
AR	2	5	31	44	18
CA	0	0	10	50	40
CO	1	2	15	62	20
ID	0	1	10	73	16
IL	1	5	20	58	16
IN	1	3	17	53	26
KS	3	9	33	45	10
MI	0	2	12	47	39
MO	1	5	32	51	11
MT	3	11	43	39	4
NE	5	11	38	43	3
NC	1	1	12	73	13
OH	0	1	12	51	36
OK	1	3	18	63	15
OR	0	0	26	55	19
SD	0	3	17	62	18
TX	25	29	34	11	1
WA	0	0	11	72	17
18 Sts	5	9	26	47	13
Prev Wk	5	10	24	47	14
Prev Yr	1	5	21	57	16

VP - Very Poor
P - Poor
F - Fair
G - Good
EX - Excellent

NA - Not Available
*** - Revised**

State Agricultural Summaries

These summaries, issued weekly through the summer growing season, provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service. The crop weather reports are also available on the Internet through the NASS Home Page on the World Wide Web at http://www.usda.gov/nass/ or from JAWF at http://www.usda.gov/oce/waob/jawf.

ALABAMA: Days suitable for fieldwork 6.6. Topsoil 20% very short, 29% short, 50% adequate, 1% surplus. Corn 90% planted, 90% 1999, 92% avg. Corn 75% emerged, 76% 1999. Wheat 95% headed, 86% 1999, 87% avg.; 3% very poor, 5% poor, 24% fair, 64% good, 4% excellent. Pasture feed 4% very poor, 13% poor, 28% fair, 49% good, 6% excellent. Livestock 1% very poor, 3% poor, 19% fair, 67% good, 10% excellent. Additional rainfall is needed, with dry conditions existing across the state. Farmers are planting cotton in dry soil, some cotton may have to be replanted. Corn plantings are finishing up. Young corn looks stressed.

ALASKA: Days suitable for fieldwork 4.8.Topsoil 25% short, 70% adequate, 5% surplus. Subsoil moisture 20% short, 75% adequate, 5% surplus. Mild, dry conditions across the State allowed some producers to fertilize hay fields. Some early vegetables were planted in the Matanuska Valley. Daytime high temperatures ranged mostly from the fifties to the low sixties. Lows were mostly in the twenties. Farm work progress, on schedule. Hay 10% short, 90% adequate. Livestock 10% fair, 90% good.(First report for the year.)

ARIZONA: Area continued to record well above average temperatures with no precipitation during the week of May 7. Weather conditions have minimal impact on crop, vegetable production due to irrigation. Livestock was reported to be in fair condition for the month of April. Stock water was reported as short to adequate while Soil Moisture was reported as short. Insect Damage was reported as none to light.

ARKANSAS: Days suitable for fieldwork: 3.0. Soil moisture 1% very short, 11% short, 53% adequate, 35% surplus. Rice 71% planted, 64% 1999, 68% 5 yr. avg.; 42% emerged, 28% 1999, 37% 5 yr avg. Sorghum 72% planted, 54% 1999, 60% 5 yr. avg.;50% emerged. Cotton 29% planted, 28% 1999, 26% 5 yr avg. Soybean 16% planted, 9% 1999, 11% 5 yr avg. Corn 98% planted,93% 1999,95%5yr avg.; 90% emerged, 65% 1999, 81% 5 year avg. Wheat 99% headed, 95% 1999, 91% 5 yr. avg.; 2% very poor, 5% poor, 31% fair, 44% good, 18% excellent. Alfalfa Hay 1% very poor, 3% poor, 29% fair, 62% good, 5% excellent; Other Hay 2% very poor, 5% poor, 33% fair,50% good, 10% excellent. Pasture, Range 1% very poor, 5% poor, 27% fair, 50% good, 17% excellent. Livestock good condition. Treatment of stripe rust, army worms continued in wheat fields. The main farm activities: Planting rice, soybean, cotton; land preparation for spring planting of forage, harvesting hay, spraying pastures for weed control; applying broadleaf herbicides to pastures; vaccinating cattle. Corn emerged progress is a 2-year average instead of a 5-year average.

CALIFORNIA: Most cotton planting has been completed; a few fields were being re-planted. Some earlier planted cotton was in the four-to-six-leaf stage. Cotton mites were increasing in few areas. Most dryland, irrigated grain plantings have matured, were drying. Some wheat for grain was being irrigated, depending on location. Meanwhile, other fields were starting to dry. Harvest was expected to begin within the next two weeks. Many wheat fields in the milk stage were being cut for silage. Oat hay continued to be cut, baled. Early-planted field corn was growing normally. Corn was being planted in harvested grain fields. Alfalfa hay was thriving in all stages of development. Some alfalfa fields were treated with insecticides to control aphids, weevils. Seed alfalfa fields were treated to control weeds. Most fields of sugar beets were progressing well, but fields in some areas were being damaged by cut worms. Rice planting was very active. Herbicides were applied to control water grasses in early planted rice fields. Some fields were treated for weevil control. Safflower, sunflower planting continued. Vineyard, orchard operators were conducting cultural activities. Harvest of early cherries continued. Weed control, fungicide applications, irrigation activities continued in vineyards, orchards. Growers applied sulfur to grape vines for mildew control. A few early varieties of peaches, nectarines were harvested. Later ripening peaches, nectarines were being thinned. Picking of grapefruit, lemon crops was active in southern area. The harvest of valencia oranges progressed in the desert areas, in the San Joaquin Valley. Picking of navel oranges was winding down, growers were concerned about deteriorating quality. Minneola tangelos were also picked. Strawberry picking was active in the central valley. Tomato fields looked good; some fields were in bloom. In some areas tomato transplants were still being planted. Onion, garlic fields were irrigated. Sweet corn was weeded, thinned, irrigated. Harvesting of squash continued. Growers were staggering the planting of summer vegetables. Melon fields were cultivated, more were being planted. Yuba County melon growers noted some beetle activity. Harvest of broccoli, lettuce was very active in the San Joaquin Valley. The asparagus harvest was declining. Other vegetables harvested included: Artichokes, basil, cauliflower, cilantro, parsley, peas, green onions, radishes, spinach, turnips. Rangeland pastures were drying in most areas of central, northern area. Cattle were in fair to good condition. The first special cattle auctions were being held. Cattle weight gains were mixed; some disappointing gains were reported in the south-central area. Most new crop lambs in central, northern area have been shipped to feedlots, after a disappointing winter pasture season.

COLORADO: Days suitable for fieldwork 6.0. Topsoil 2% very short, 15% short, 82% adequate,1% surplus. Subsoil moisture 3% very short, 21% short, 75% adequate, 1% surplus. Warm, dry for most of the week with some record high temperatures. Spring barley 94% seeded, 89% 1999, 86% avg.; 71% emerged, 57% 1999, 63% avg.; 4% poor, 15% fair, 54% good, 27% excellent. Dry onions 1% very poor, 3% poor, 10% fair, 65% good, 21% excellent. Sugar beets 100% planted, 94% 1999, 97% avg.; 20% up to stand, 30% 1999, 6% avg. Summer potatoes 89% planted, 81% 1999, 82% avg.; 20% emerged, 27% 1999, 10% avg. Fall potatoes 45% planted, 23% 1999, 28% avg. Dry beans 3% planted, 0% 1999, 0% avg. Spring wheat 83% planted, 79% 1999, 69% avg.; 60% emerged, 53% 1999, 44% avg.; 7% poor, 20% fair, 51% good, 22% excellent.

DELAWARE: Days suitable for fieldwork 6.5. Topsoil 8% short, 78% adequate, 14% surplus. Subsoil moisture 3% short, 88% adequate, 9% surplus. Percent of acreage prepared for planting of spring crops 78%. Winter wheat 1% poor, 9% fair, 81% good, 9% excellent; 35% headed, 25% 1999, 20% avg. Barley 3% poor, 11% fair, 78% good, 8% excellent; 85% headed, 72% 1999, 82% avg. Potatoes 88% planted, 99% 1999, 94% avg. Green peas 90% planted, 96% 1999, 95% avg. Snap Beans 43% planted, 29% 1999, 12% avg. Sweet corn 34% planted, 36% 1999, 33% avg. Field Corn 28% planted, 54% 1999, 52% avg. Cucumbers 14% planted, 7% 1999, 8% avg. Tomatoes 25% planted, 38% 1999, 17% avg. Watermelons 10% planted, 12% 1999, 14% avg. Cantaloupes 9% planted, 13% 1999, 14% avg. Peaches 96% bloomed, 100% 1999, 96% avg. Strawberries 86% bloomed, 61% 1999, 66% avg. Apples 92% bloomed, 94% 1999, 86% avg. Pasture feed 16% fair, 79% good, 5% excellent. Hay supplies 8% very short, 38% short, 54% adequate. Activities: Some rotting in early planted potatoes, field corn seed, lots of planting, field prep last week.

FLORIDA: Dry conditions persisted. A few west central, southwestern coastal localities recorded traces over 1.00 in. falling mid-week. Ft. Pierce, Jacksonville, Pensacola reported traces. Elsewhere, no measurable rain fell. Temperatures normal to 3^0. below at major stations. Highs 70s, 80s; lows 50s, 60s, 70s. Some northern localities recorded at least one low in 40s. Moisture in State mostly very short to short. Farmers actively planting cotton, peanuts in fields with adequate moisture. Tobacco, corn in good condition. Some wild fires in central Peninsula area due to lack of rainfall. Farmers making preparations for small grain harvest. Peanuts are 23% planted. Dry soils increasing need for irrigation with some vegetable plants wilting. Major vegetables harvested: Potatoes, tomatoes, peppers, blueberries, cabbage, cucumbers, okra, snap beans, squash, sweet corn, eggplant, watermelon. Most citrus areas dry. There were a few showers on both coasts, irrigation continues, some reservoirs dry or too low to be used. Valencia harvest continues active all areas. Grapefruit, Honey tangerine movement slowing as supplies low. Temple harvest completed. Caretakers cutting cover crops, herbiciding, hedging, topping, resetting new trees active where there is adequate water. Pasture feed 45% poor, 50% fair,5% good. Cattle 10% poor,80% fair, 10% good. Statewide, pasture feed poor to fair due to prolonged drought, cattle in poor to good condition. Panhandle: pasture, cattle, calves very poor. Central: pasture, cattle in poor condition due to prolonged drought; Grass short, very brown; Ranchers feeding, watering cattle. West Central: cattle condition falling, water holes drying up; Pasture very brittle, dry. Southeast: grass dormant, condition poor, due to drought. Southwest: pasture, cattle fair to good condition.

GEORGIA: Days suitable for field work 6.4. Soil moisture 21% very short, 45% short, 33% adequate, 1% surplus. Corn 2% very poor, 9% poor, 38% fair, 48% good, 3% excellent. Cotton 1% very poor, 7% poor, 50% fair, 40% good, 2% excellent. Hay 4% very poor, 14% poor, 41% fair, 38% good, 3% excellent. Sorghum 6% very poor, 8% poor, 40% fair, 44% good, 2% excellent; 34% planted, 42% 1999, 28% avg. Soybeans 6% emerged, 2% 1999, N/A avg. Tobacco 8% poor, 34% fair, 52% good, 6% excellent. Wheat 99% boot, 99% 1999, 100% avg. Onions 3% very poor, 3% poor, 16% fair, 76% good, 2% excellent; 41% harvested, 37% 1999, 44% avg. Watermelons 1% very poor, 10% poor, 43% fair, 35% good, 11% excellent; 94% planted, 95% 1999, 94% avg. Apples 7% poor, 40% fair, 47% good, 6% excellent. Peaches 1% poor, 20% fair, 49% good, 30% excellent; 3% harvested, 2% 1999, 2% avg. Warmer temperatures returned with a little rainfall in the northern part of the State. As a result, soils dried out hurting many crops, causing some planting delays. Farmers need rain. Irrigation water was being

used to help cotton emerge. Dry conditions created poor stands in some cotton fields. Peanut planting was behind from the 5-year average as farmers search for ways to limit Tomato Spotted Wilt Virus infestations. Hay was baled last week. There was concern that rain is needed for a second cutting. Spraying for insects continued in wheat. Apples were thinned. Other activities included: Picking squash as well as vaccinating, treating winter calf crop.

HAWAII: Weather conditions were good to fair for agriculture. Skies ranged from mostly sunny in leeward areas to partly cloudy in windward areas. Rainfall was generally light with some areas receiving no rain. Irrigation was heavy. Crop conditions ranged from mostly fair to good. Warmer temperatures, longer daylight hours favored banana and papaya development. Harvesting of bananas, papayas will be steady. Crop conditions ranged from fair to good. Head cabbage harvesting will be steady. Irrigation was heavy due to generally dry conditions, warmer temperatures. Dry onion harvesting remained very active. Overall crop conditions were fair to good. Harvesting of sweet corn, watermelons anticipated to increase in coming weeks.

IDAHO: Days suitable for field work 5.7. Topsoil 6% very short, 22% short, 66% adequate, 6% surplus. Above normal temperatures ranging between 61 to 86^0 during the day, 28 to 45^0 at night, accelerated planting of spring crops across much of the state. Black grass bugs were reported to be a significant problem on wheat fields in Franklin county. Grasshoppers have been reported in some Power county fields. Hay, roughage 12% very short, 11% short, 72% adequate, 5% surplus. Irrigation 23% supply excellent, 57% good, 19% fair, 1% poor. Onions 100% emerged,98% 1999, 92% avg. Dry peas 86% planted, 63% 1999, 46% avg.; 60% emerged,18% 1999, 18% avg. Oats 57% planted, 52% 1999, 57% avg.; 33% emerged, 27% 1999, 29% avg. Lentils 56% planted, 55% 1999, 32% avg. Lentils 23% emerged, 6% 1999,6% avg. Corn 54% planted, 41% 1999, 42% avg.; 5% emerged, 6% 1999, 6% avg. Dry Beans 0% planted, 1% 1999, 4% avg. Potatoes 63% planted, 35% 1999,41% avg.;6% emerged,2% 1999, 2% avg. Sugarbeets 79% emerged, 44% 1999, 49% avg. Winter wheat 56% jointed; 2% booted. Spring wheat 7% jointed. Spring barley 8% jointed. Activities: Planting small grains, sugarbeets, onions, potatoes, dry peas, lentils, corn, dry beans, moving cattle, sheep to spring pasture, caring for livestock, spraying weeds, irrigating.

ILLINOIS: Days suitable for fieldwork 5.8. Topsoil 9% very short, 33% short, 56% adequate, 2% surplus. Soybeans 3% emerged, 0% 1999, 0% avg. Wheat 1% filled, 1% 1999, 0% avg. Oats 98% planted, 97% 1999, 93% avg.; 1% headed, 0% 1999, 1% avg.; 3% poor, 21% fair, 68% good, 8% excellent. Alfalfa 1st cut 8%, 1% 1999, 0% avg.; 1% very poor, 3% poor, 20% fair, 60% good, 16% excellent. Red clover 1% cut, 0% 1999, 0% avg.; 5% poor, 23% fair,58% good,14% excellent. Farmers were able to plant soybeans at a record pace. The western part of the state leads the way. Corn planting also continues at a record level. Still more rain is needed in some areas to assist emergence of the crops. The warm weather has allowed the wheat crop to develop quickly. Other activities for last week included: Spraying herbicides, applying fertilizer.

INDIANA: Days suitable for fieldwork 4.7. Topsoil 4% very short, 17% short, 69% adequate, 10% surplus. Subsoil 17% very short, 37% short, 42% adequate, 4% surplus. Field activities slowed by rain early, then made excellent progress. Rains helped topsoil moisture, most areas of state. Warm week, temperatures averaged 7 to 10^o above normal. Subsoil moisture shortage remains in most areas of the state. Corn, soybean planting made good progress. Soybean planting on par with record pace established in 1988. Many corn fields emerged during the week. Application of fertilizer, nitrogen, chemicals continued. Winter wheat 100% jointed, 95% 1999, 83% avg. Range, pasture 3% very poor, 8% poor, 31% fair, 47% good, 11% excellent. Alfalfa Weevil active in some fields. Livestock remain in mostly good condition. Calving remains active. Major activities: Tillage of soils, preparing irrigation equipment, ditching, hauling manure, feeding, caring for livestock.

IOWA: Days suitable for field work 7.0. Topsoil very 37% short, 47% short, 16% adequate. Subsoil moisture 41 very short%, 46 short%, 13% adequate. Warm, dry weather throughout the week. Increased concern among farmers. Rains late Sunday p.m., early Monday a.m.. Should see improvement in next weeks report. Corn 95% planted, 51% 1999, 49% avg. Corn 36% emerged, 1999, 2% avg. Soybeans 56% planted, 4% 1999,6% avg. Oats 100% planted, Oats 94% emerged, 85% 1999, 59% avg. Winter wheat 13% headed. Winter wheat 1% very poor, 4% poor , 43% fair, 44% good, 8% excellent. Fertilizer applied (including fall applications) 98% complete. Seedbed preparation (including fall preparation) 95% complete. Range, Pasture feed 8% very poor, 27% poor, 45% fair,18% good, 2% excellent.

KANSAS: Days suitable for fieldwork 4.1.Topsoil 3% very short, 21% short, 72% adequate, 4% surplus. Subsoil moisture 3% very short, 23% short, 72% adequate, 2% surplus. Wheat 3% very poor, 9% poor, 33% fair, 45% good, 10% excellent. Wheat headed 54%, 31% 1999, 19% avg. Range, Pasture 1% very poor, 6% poor, 29% fair, 57% good, 7% excellent. Corn 86% planted, 41% 1999, 60% avg.; 46% emerged, 13% 1999, 8% avg. Sorghum 13% planted, 1% 1999, 5% avg. Soybeans 26% planted, 3% 1999, 5% avg. Alfalfa 1st 8%, 3% 1999, 3% avg.

KENTUCKY: Days suitable for fieldwork 4.1. Topsoil 1% very short,11% short, 73% adequate, 15% surplus. Subsoil moisture 3% very short, 19% short, 71% adequate, 7% surplus. Above normal temperatures of 69^0 combined with below normal rain throughout State. About 5% of burley tobacco has been set in the field. Only 2% of Dark Tobacco has been set. Tobacco transplants were 39% less than 2 inches, 39% were between 2 to 4 inches, 22% were larger than 4 inches. There was an adequate number of plants reported for setting. Corn planting was active, soybean planting was getting underway. Winter wheat 78% headed, 73% 1999, 58% avg;. 1 % very poor,4% poor, 29% fair, 51% good, 15% excellent. Pasture feeds 1% very poor, 7% poor, 30% fair, 49% good, 13%excellent. Hay 9% poor, 30% fair, 47% good, 14% excellent.

LOUISIANA: Days suitable for fieldwork 4.0. Soil moisture 4% very short, 18% short, 42% adequate, 36% surplus. Corn 1% very poor, 2% poor, 24% fair, 69% good, 4% excellent; 2% silked, 1% 1999, 0% avg. Cotton 37% emerged, 34% 1999, 24% avg. Hay 27% 1st cutting, 42% 1999, 21% avg. Rice 8% poor, 31% fair, 57% good, 4% excellent. Rice producers were applying fertilizer, herbicides. Soybeans 27% emerged, 17% 1999, 14% avg. Soybean producers continued to plant. Sorghum 41% emerged, 40% 1999, 43% avg. Spring plowing 91% plowing, 97% 1999, 95% avg. Sugarcane 3% poor, 17% fair, 48% good, 32% excellent. Sugarcane farmers were spraying, cultivating for weeds. Sweetpotatoes 5% planted, 4% 1999, 4% avg. Wheat 2% very poor, 6% poor, 35% fair, 54% good, 3% excellent; 100% headed, 99% 1999, 99% avg.; 86% turning color, 75% 1999, 56% avg.; 7% harvested, 2% 1999, 2% avg. Livestock 1% very poor, 4% poor, 28% fair, 52% good, 15% excellent. Vegetables 1% very poor, 6% poor, 38% fair, 49% good, 6% excellent.

MARYLAND: Days suitable for fieldwork 6.1. Topsoil 6% short, 82% adequate, 12% surplus. Subsoil moisture 1% very short, 9% short, 80% adequate, 10% surplus. Percent of acreage prepared for planting of spring crops 68%. Winter wheat 2% poor, 16% fair, 67% good, 15% excellent; 41% headed, 33% 1999, 30% avg. Barley 3% poor, 12% fair, 67% good, 18% excellent; 88% headed, 80% 1999, 83% avg. Rye 1% poor, 12% fair, 72% good, 15% excellent; 82% headed, 80% 1999, 83% avg. Potatoes 100% planted, 99% 1999, 97% avg. Green peas 94% planted, 100% 1999, 85% avg. Tomatoes 35% planted, 39% 1999, 52% avg. Sweet corn 32% planted, 53% 1999, 44% avg. Field Corn 33% planted, 49% 1999, 47% avg. Cucumbers 20% planted, 19% 1999, 25% avg. Snap beans 11% planted, 26% 1999, 27% avg. Cantaloupes 30% planted, 46% 1999, 47% avg. Soybeans 5% planted, 5% 1999, 4% avg. Watermelons 17% planted, 36% 1999, 35% avg. Apples 90% bloomed, 87% 1999, 81% avg. Peaches 93% bloomed, 98% 1999, 96% avg. Strawberries 87% bloomed, 76% 1999, 71% avg. Pasture feed 2% very poor, 4% poor, 13% fair, 61% good, 20% excellent. Hay supplies 4% very short, 27% short, 67% adequate, 2% surplus. Percent of 1st cutting hay crop harvest; clover, other hays 9% cut, 15% 1999, 10% avg.; alfalfa 10% cut, 11% 1999, 4% avg. Activities: Planting, field prep continue at increased pace due to warm, dry weather.

MICHIGAN: Days suitable for fieldwork 6.0. Topsoil 10% very short, 30% short, 56% adequate, 4% surplus. Subsoil 21% very short, 40% short, 38% adequate, 1% surplus . Asparagus 24% harvested, 11% 1999, 10% avg. Barley 87% planted, 86% 1999, 62% avg. Barley 55% emerged, 59% 1999, 28% avg. Oats 88% planted, 86% 1999, 69% avg. Oats 70% emerged, 61% 1999, 28% avg. Potatoes 27% planted, 42% 1999, 40% avg. Potatoes 3% emerged, 6% 1999, 5% avg. Warm, dry weather followed widespread rain on May 1. Temperatures, growing degree days (GDD) above average. Temperature deviations 9 to 15^0 above normal, GDD 11 to 91 units above normal. Rainfall deficits continued around State, except southern area. Growers across State concerned with dry subsoils. Corn planting proceeded rapidly all areas. Soybean planting began. Winter wheat, alfalfa growing well. Oats, barley good condition. Asparagus harvest continued. Quality reduced due to previous week' s rainfall, low temperatures. Cabbage continues to grow well. Potato planting winding down, carrot planting continues with favorable planting conditions. Sweet corn continued to emerge, early planted corn at fourth leaf stage. Tomato planting begun. Onion planting continues with most of acreage planted. Celery early plantings completed, normal transplanting now full swing. Warm weather continued to push fruit maturity. Apples, tart cherries maturity ranged from petal fall southwest to full bloom northwest. Sweet cherries southwest had 8 mm fruit. Other stone fruits maturity ranged from full bloom to early fruit development. Blueberries late pink bud stage. Strawberries showing white buds. Fall raspberry canes reached 6 inches while summer raspberry canes had flower buds. Concord grape vines had 1-3 inch shoots, white varieties had reached bud burst.

MINNESOTA: Days suitable for fieldwork 6.6. Topsoil 25% very short, 42% short, 32% adequate, 1% surplus. Corn 97% ground prepared, 81% 1999, 71% avg. Soybeans 75% ground prepared, 34% 1999, 30% avg. Green peas 72% planted, 47% 1999, 47% avg. Potatoes 51% planted, 40% 1999,

33% avg. Sweet corn 34% planted, 21% 1999, 18% avg. Dry beans 9% planted, 7% 1999, 5% avg. Canola 56% planted, 0% 1999, NA% avg. Pasture feed 3% very poor, 17% poor, 47% fair, 31% good, 2% exc. Alfalfa 1% very poor, 9% poor, 37% fair, 46% good, 7% exc. Rye 1% very poor, 7% poor, 44% fair, 42% good, 6% excellent. Winter Wheat 1% very poor, 4% poor, 25% fair, 57% good, 13% excellent. Fieldwork continued at a quick pace as warm, dry weather persisted until Sunday night. Corn planting is over three weeks ahead of the 5-year average. Corn has begun to emerge at a record early date with the unseasonably warm weather this spring. Soybean planting is over two weeks ahead of the 5-year average, a few producers are starting to report the emergence of soybeans.

MISSISSIPPI: Days suitable for fieldwork 3.5. Soil moisture, 3% very short, 11% short, 65% adequate and 21% surplus. Corn 98% planted, 97% 1999, 94% avg.; 92% emerged, 89% 1999, 86% avg.; 7% poor, 26% fair, 56% good, 11% excellent. Cotton 56% planted, 39% 1999, 37% avg.;, 29% emerged, 17% 1999, 16% avg. Rice 63% planted, 82% 1999, 84% avg.; 35% emerged, 42% 1999, 56% avg.; 3% poor, 40% fair, 53% good, 4% excellent. Sorghum 74% planted, 73% 1999, 65% avg.; 50% emerged, 46% 1999, 49% avg.; 1% very poor, 2% poor, 22% fair, 70% good, 5% excellent. Soybeans 47% planted, 39% 1999, 33% avg.; 29% emerged, 25% 1999, 21% avg. Wheat 100% heading, 97% 1999, 93% avg.; 3% mature, 4% 1999, 4% avg.; 3% poor, 34% fair, 46% good, 17% excellent. Watermelons 81% planted, 71% 1999, 73% avg.; 1% very poor, 4% poor, 19% fair, 74% good, 2% excellent. Blueberries 3% poor, 28% fair, 62% good, 7% excellent. Cattle, 5% poor, 17% fair, 63% good, 15% excellent. Pasture 9% poor, 20% fair, 57% good, 14% excellent. Last week' s excellent weather conditions resulted in an increase in planted acreage for rice, 27%; sorghum, 21% soybeans, 23% cotton, 37%.

MISSOURI: Days were suitable for fieldwork 6.1. Topsoil 34% very short, 41% short, 24% adequate, 1% surplus. Planting soybeans was the main farming activity throughout the State. The Bootheel, the southwest had the least amount of days with 5.0, 5.3 days respectively. By the end of the week 94% of the ground had been worked at least once for spring crops, excluding no-till, compared with 77% normally. Portions of several counties in the east-central part of the State received 5 to 11 inches of rain over the weekend and flash flooding occurred. The north-central, central districts were the driest with over 90% in very short to short categories. The highest ratings were in the Bootheel with 68% adequate to surplus. Ninety-six percent of the corn was planted, well ahead of the 37% 1999, 49% normally planted at this time. All districts reported over 93% planted. Soybeans were 41% planted, 13% emerged. Soybean planting was about 3 weeks ahead of 1999, normal. Winter wheat condition, virtually unchanged from last week, was rated as 1% very poor, 5% poor, 32% fair, 51% good, 11% excellent. West-central, east-central, southwest, the Bootheel districts reported the best conditions with over 70% in the good to excellent category. Pasture, range feeds declined from last week, were reported at 20% very poor, 37% poor, 36% fair, 7% good. The weekly precipitation averaged 0.72 inch although the northwest, north-central districts averaged 0.05 inches each.

MONTANA: Days suitable for fieldwork 6.2.Topsoil 24% very short, 50% short, 25% adequate, 1% surplus. Subsoil moisture 31% very short, 48% short, 21% adequate, 0% surplus. The weather was cooperative for fieldwork, planting progress was very good for the week. However, topsoil moisture continued to decline, is rated at short or very short for a majority of the state. Oats 53% planted, 56% 1999, 43% avg.; 24% emerged, 22% 1999, 13% avg. Sugar beets 98% planted, 97% 1999, 84% avg. 54% emerged, 81% 1999, 38% avg. Corn 36% planted, 27% 1999, 36% avg.; 6% 1999, 8% avg. Dry beans planted 30%, 26% 1999, 13% avg. Dry beans emerged 5%, 0% 1999, 1% avg. Potatoes 2% planted, 8% 1999, 8% avg. There are some reports of aphids in the winter wheat. Producers are spraying for aphids, weeds. Calving, lambing is making good progress as few problems have occurred and death losses are minimal. Calving completed 95%, 93% 1999, 94% avg. Lambing completed 83%, 73% 1999, 79% avg. Cattle, calves moved to summer ranges 34%, 30% 1999, 28% avg. Sheep, lambs moved to summer ranges 18%, 25% 1999, 22% avg. Pastures are starting to green but without rain there may be less forage. Heavy rains will be needed to fill reservoirs to normal levels.

NEBRASKA: Days suitable for fieldwork 5.8. Topsoil rated mostly short to adequate, subsoil moisture supplies mostly short to very short. Temperatures across the State averaged 5 to 11^0 above normals for the week. Precipitation ranged from .10 inch in the Northeast to .60 inch in the Panhandle. Corn 79% planted, 23% 1999, 41% avg.; 24% emerged, 1% 1999, 2% avg. Soybeans 26% planted, 1% 1999,3% avg. Sorghum 3% planted, 0% 1999, 2% avg. Winter Wheat 5% very poor, 11% poor, 38% fair, 43% good, 3% excellent; 62% jointed, 62% 1999, 45% avg. Wheat streak mosaic, Russian aphids a concern in the southern Panhandle, greenbugs in portions of the Southwest. Oats 94% emerged, 90% 1999, 59% avg.; 1% very poor, 12% poor, 41% good, 46% good. Pasture, range feed 9% very poor, 24% poor, 44% fair, 22% good, 1% excellent. Other producer activities included: Moving cattle to spring pasture, livestock care.

NEVADA: Temperatures continued to average much above normal, especially in the South. Rainfall was widespread across the north with Elko receiving .43 inch, Ely .37 inch, Winnemucca .22 inch. Some additional snow accumulated in the higher mountains. Irrigation water supplies, enhanced by the precipitation, were mostly adequate. Spring grain planting was nearly completed emergence was aided by the warm, moist weather. Fields were being prepared for corn, summer vegetable planting. Potato planting continued in full swing. Onion planting complete. The unseasonably mild weather has raised optimism for fruit crops. Spraying, cultivation for weed control was active. Pasture, range conditions rated mostly good and reseeded range benefitted greatly from the timely rains. Calving, lambing near complete. Branding, movement to Spring range continued. Main farm, ranch activities: Field preparation, grain planting, potato planting, weed control, branding, working cattle, preparing for hay harvest.

NEW ENGLAND: Days suitable for fieldwork: 5.7. Topsoil 3% short, 75% adequate, 22% surplus. Subsoil moisture 3% short, 75% adequate, 22% surplus. Pasture feed 4% very poor, 15% poor, 36% fair, 42% good, 3% excellent. Rhode Island potatoes 30% planted, 75% 1999, 45% avg.; 5% emerged, 5% 1999, 5% avg.; condition excellent. Massachusetts potatoes 55% planted, 60% 1999, 50% avg. Oats 10% planted, 35% 1999, 15% avg. Barley 15% planted, 35% 1999, 15% avg. Sweet corn: 15% planted, 20% 1999, 15% avg.; condition fair to good. First crop hay condition good to fair. Apples: Bud to Early Bloom Stage, condition good to fair. Peaches: Early Bloom Stage, condition good to fair. Pears: Bud to Early Bloom Stage, condition good to fair. Strawberries: Bud Stage, condition good to fair. Cranberries: Bud Stage to Dormant Stage, condition good to fair. Highbush blueberries: Bud to Early Bloom Stage, condition good to fair. Wild Blueberries: Bud Stage, condition fair. Weather warmed up, fields were starting to dry up. Major farm activities: Planting field corn, fixing fences, turning cattle out to pasture, plowing, applying fertilizer, spreading manure, planting sweet corn, setting out cole crops, spraying apples, preparing fields for shade tobacco planting.

NEW JERSEY: Days suitable for field work 6.7. Topsoil 34 % short, 61 % adequate, 5 % surplus. Blueberries were in full bloom in most areas as harvest will begin in four to five weeks. Strawberries were picked in some localities. Clear weather allowed cultivating, planting in most areas that were prevented earlier in the growing season due to cool and wet weather conditions.

NEW MEXICO: Days suitable for field work 6.5. Topsoil 49% very short, 27% short, 24% adequate, 0% surplus. After a cool start unseasonably warm weather gripped for the remainder of the week. A number of locations reported record-breaking high temperatures during the latter part of the week. For the week the States temperature averaged 6^0 above normal. The only precipitation reports were from rain that fell the evening of 4/30. Amounts were very spotty, light. A hail storm did cause light crop damage in Lea County. Spring planting continued to be the main farm activity during the week. The chile, lettuce, onion crops were all reported in mostly good to excellent condition. Irrigated wheat remained in fair to good condition, while the dryland wheat was reported in very poor to fair condition showing the effects of the hot, dry weather. Supplemental feeding of cattle continued during the week due to drought conditions. Both cattle, sheep conditions declined during the week with higher percentages falling in the very poor, poor ranges. Pasture, range feed conditions continued to deteriorate, 20% very poor, 26% poor, 38% fair, 16% good, 0% excellent.

NEW YORK: Days suitable 5.4. Soil moisture 4% short, 85% adequate, 11% surplus. Pasture feed 15% fair, 58% good, 27% excellent. Oat 30% fair, 60% good, 10% excellent. Wheat 13% fair, 87% good. Corn 10% planted, 30% 1999, 14% avg. Oats 39%, planted, 50% 1999, 76% avg. Orange County onion planting near completion. Strawberries in full bloom. Sweet corn planting 20% finished. Apples at 60% full bloom. Pears in full bloom. Some freeze damage to peaches.

NORTH CAROLINA: Days suitable for field 5.2. work compared to 2.8 last week A warm dry week in the state allowed farmers to make major gains in spring planting. The weather helped fields dry. Statewide soil moisture levels returned to mostly adequate after the previous six consecutive weeks of significant widespread moisture. Soil moisture 0% very short, 7% short, 73% adequate, 20% surplus. Corn, cotton, peanut plantings along with tobacco setting were the major activities conducted this week. Corn planting is nearing completion, well over half emerged. Other activities included: Sorghum planting, land preparation, the first cutting of hay. Isolated areas in the Coastal Plain had to re-plant some corn acreage due to April' s cool, wet weather.

NORTH DAKOTA: Days suitable for field work 6. Topsoil 2% very short, 12% short, 80% adequate, 6% surplus. Subsoil moisture was 3% very short, 19% short, 75% adequate, 3% surplus. Warm, dry weather allowed for substantial planting progress this week. Durum wheat 36% planted, 11% 1999, 10% avg.; 10% emerged, 2% 1999, 2% avg. Canola 68% planted, 16% 1999; 20% emerged, 2% 1999. Dry Edible Beans 1% planted, 0% 1999, 0% avg. Flaxseed 43% planted, 10% 1999, 9% avg.; 6% emerged, 1% 1999, 1% avg. Potatoes 57% planted, 20% 1999, 15% avg.; 5% emerged, 1% 1999, 0% avg. Soybeans were 12% planted, 0% 1999, 3% avg. Sunflowers 3% planted,

0% 1999, 1% avg. Calving 95% complete. 49% of the cattle were receiving supplemental feed. Lambing 95% complete, shearing was 96% complete. 47% of the sheep were receiving supplemental feed. Hay, roughage 0% very short, 2% short, 88% adequate, 10% surplus. Grain, concentrate, 0% very short, 3% short, 87% adequate, 10% surplus. Pasture, range 3% very poor, 9% poor, 38% fair, 44% good, 6% excellent.

OHIO: Days suitable for fieldwork 4.5 days. Topsoil 0% very short, 4% short, 85% adequate, 11% surplus. Corn 44% planted, 58% 1999, 34% average. Corn 3% emerged, 13% 1999, 4% avg. Oats 92% planted, 94% 1999, 82% avg. Oats 69% emerged, 84% 1999, 60% avg. Potatoes 47% planted, 73% 1999, 43% avg. Processing tomatoes 5% planted, 12% 1999, 5% avg. Soybeans 19% planted, 33% 1999, 15% avg. Sugarbeets 41% planted. Tobacco beds having plants up 80%, 94% 1999. Winter wheat jointed 96%, 93% 1999, 68% avg. Apples in full bloom 88%. Peaches in full bloom 85%; 95% in 1999. Pasture 1% very poor, 4% poor, 23% fair, 53% good, 19% excellent. Winter wheat 0% very poor, 1% poor, 12% fair, 51% good, 36% excellent. Apples 3% very poor, 3% poor, 18% fair, 59% good, 17% excellent. Peaches 5% very poor, 9% poor, 17% fair, 53% good, 16% excellent. Hay 0% very poor, 5% poor, 21% fair, 57% good, 17% excellent. Activities throughout the state include: Applying anhydrous ammonia, fertilizer, lime; drilling soybeans, planting corn, soybeans, oats; hauling manure, plowing, chiseling, discing, applying pre-emergence herbicides, burning brush, clearing fence rows, equipment maintenance, preparation, installing tile, moving grain, sowing oats, alfalfa seedings, planting sweet corn, setting tomatoes, planting grasses, legumes, marketing grain, top dressing wheat, seeding peppers, buying seed. Alfalfa weevil damage was reported in many parts of central and southern area. One reporter mentioned weevil damage in wheat fields. Flea beetles in corn, bagworms, chick weed, powdery mildew in wheat were also reported. Warm temperatures, rain have caused weed growth in pastures across the state. Livestock were reported in good to excellent condition. Calving, lambing are progressing normally throughout the state.

OKLAHOMA: Days suitable for fieldwork 4.4. Topsoil 1% very short, 8% short, 83% adequate, 8% surplus. Subsoil moisture 2% very short, 19% short, 76% adequate, 3% surplus. Wheat 100% jointing, 99% last week, 100% 1999, 99% avg.; 15% soft dough, 12% last week, 17% 1999, 8% avg. Rye 1% very poor, 2% poor, 14% fair, 67% good, 16% excellent, 100% jointing, 100% last week, 99% 1999, n/a avg.; 98% headed, 94% last week, 95% 1999, n/a avg.; 29% soft dough, 25% last week, 48% 1999, n/a avg.; Oats 2% very poor, 5% poor, 27% fair, 55% good, 11% excellent, 99% jointing, 99% last week, 94% 1999, 82% avg.; 62% headed, 42% last week, 68% 1999, 48% avg.; 11% soft dough, 11% last week, 12% 1999, 9% avg. Corn 100% seedbed prepared, 93% last week, 99% 1999, 100% avg.; 95% planted, 69% last week, 92% 1999, 77% avg.; 45% emerged, 20% last week, 14% 1999, 32% avg. Sorghum 68% seedbed prepared, 53% last week, 56% 1999, 51% avg. Soybeans 79% seedbed prepared, 69% last week, 73% 1999, 72% avg.; 31% planted, 25% last week, 19% 1999, 22% avg.; 15% emerged, 15% last week, 7% 1999, 9% avg.; Peanuts 71% seedbed prepared, 61% last week, 71% 1999, 78% avg. Cotton 88% seedbed prepared, 80% last week, 87% 1999, 77% avg. Alfalfa Hay 2% poor, 22% fair, 62% good, 14% excellent; 57% first cutting, 42% last week, 31% 1999, 30% avg. Other Hay 2% poor, 26% fair, 63% good, 9% excellent; 24% first cutting, 17% last week, 19% 1999, 16% avg. Livestock 1% poor, 16% fair, 70% good, 13% excellent; Cattle marketings heavy. Feeder cattle prices steady to $1.00 per cwt. higher than last week.

OREGON: Days suitable for fieldwork 7. Topsoil 14% short, 78% adequate, 8% surplus. Subsoil 8% short, 79% adequate, 13% surplus. Barley 89% emerged, 30% fair, 41% good, 29% excellent. Spring wheat 92% planted, 94% 1999. Winter wheat 26% fair, 55% good, 19% excellent,5% headed. Range, pasture 19% fair, 72% good, 9% excellent. Activities: In Eastern area grain crops looked good. Spring grain planting winding down. In Malheur County crops one to two weeks ahead of schedule. In Mid-Columbia basin, frost last week took out spring canola. In Umatilla County showers hampered first cutting of hay. Willamette Valley field crops were looking good. Grass seed fields were starting to head. Field corn planting had began. Red, crimson clover starting to bloom. In Rogue River Valley most grain crops planted. Wholesale nurseries busy planting, digging, repotting, moving out balled trees, shrubs. Greenhouses continue to move bedding plants to retail outlets for spring planning. Grass, weed control in Christmas trees had good weather for chemicals to work. Malheur County reported hand weeding started in onion fields, herbicides applied. In north Willamette Valley, salad vegetables growing good, more planted. Sweet corn, green beans continued to be right on schedule. Onions, potatoes planted. Some southwestern counties too cool & wet to start vegetable plantings but others occupied with field preparations. Greenhouses reported still busy with vegetable plant sales. In Northwest region fruit is doing well overall, but there was report of light plum set, light prune crop. Berry growth above average, nearing peak bloom. Walnut orchards in blossom, leafing well in both Northwest region, in Jackson county. Southern coastal areas reported two cranberry frosts. Livestock condition mostly good. In Klamath County, most cattle been turned out on lower elevation ranges as stock animals arrive from California. Range, pasture feed mostly good. In Willamette Valley, growth about normal but would improve with warmer weather. In east, earliest range is beginning to dry.

PENNSYLVANIA: Days suitable for field work 5.6. Soil moisture 7% short, 89% adequate, 4% surplus. Spring 71% plowing, 75% 1999, 71% avg. Corn 28% planted, 1999, 27% avg. Soybeans 7% planted, 5% 1999, 3% avg. Oats 86% planted, 82% 1999, 76% avg.; 57% emerged, 49% 1999, average not available. Potatoes 32% planted, 38% 1999, 31% avg.; 67% heading or headed, 33% 1999, 35% avg. Wheat 5% heading or headed, 11% 1999, 10% avg.; 2% poor, 7% fair, 70% good, 21% excellent. Oat crop 2% poor, 20% fair, 72% good, 6% excellent. Alfalfa, alfalfa mixtures stand 2% very poor, 6% poor, 20% fair, 62% good, 10% excellent. Timothy clover stand 5% very poor, 6% poor, 17% fair, 59% good, 13% excellent. Activities include: Spring plowing; planting oats, potatoes, field corn, sweet corn, alfalfa; ensiling small grains; fixing fences; machinery maintenance; ordering supplies; spreading lime, fertilizers; hauling manure; caring for livestock; spraying fruit trees, alfalfa, weeds.

SOUTH CAROLINA: Days suitable for field work 6.1. Soil moisture 7% very short, 45% short, 47% adequate, 1% surplus. Apples 43% fair, 56% good, 1% excellent. Barley 99% headed, 78% 1999, 69% avg.; 51% turned color, 24% 1999, 25% avg.; 27% ripe, 1% 1999, 3% avg.; 5% fair, 52% good, 43% excellent. Cantalopes 87% planted, 95% 1999, 90% avg.; 4% poor, 31% fair, 55% good, 10% excellent. Corn 100% planted, 99% 1999, 98% avg.; 95% emerged, 88% 1999, 1% poor, 20% fair, 71% good, 8% excellent. Cotton 31% planted, 29% 1999, 40% avg.; 26% fair, 71% good, 3% excellent. Cucumbers 99% planted, 95% 1999, 87% avg.; 3% poor, 13% fair, 61% good, 23% excellent. Grain Hay 59% harvested, 51% 1999, 45% avg. Hay 1% poor, 16% fair, 72% good, 11% excellent. Oats 98% headed, 94% 1999, 94% avg.; 59% turned color, 34% 1999, 35% avg.; 23% ripe, 1% 1999, 6% avg.; 1% poor, 16% fair, 73% good, 10% excellent. Peaches 4% very poor, 4% poor, 6% fair, 58% good, 28% excellent. Peanuts 47% planted, 43% 1999, 44% avg.; 30% fair, 55% good, 15% excellent. Rye 98% headed, 92% 1999, 76% avg.; 50% turned color, 29% 1999, 33% avg.; 7% ripe, 1% 1999, 4% avg.; 2% poor, 22% fair, 72% good, 4% excellent. Snap beans 91% planted, 77% 1999, 77% avg.; 5% fair, 90% good, 5% good. Sorghum 65% planted, 49% 1999, 31% avg.; 100% good. Soybeans 11% planted, 12% 1999, 9% avg.; 3% poor, 20% fair, 73% good, 4% excellent. Sweetpotatoes 40% planted, 19% 1999, 20% avg.; 50% fair, 50% excellent. Tobacco 98% transplanted, 98% 1999, 94% avg.; 8% fair, 89% good, 3% excellent. Tomatoes 97% planted, 100% 1999, 96% avg.; 2% fair, 45% good, 53% excellent. Watermelons 96% planted, 96% 1999, 93% avg.; 3% poor, 27% fair, 64% good, 6% excellent. Winter grazings 3% very poor, 14% poor, 31% fair, 46% good, 6% excellent. Winter wheat 99% headed, 96% 1999, 95% avg.; 34% turning color, 23% 1999, 24% avg.; 8% ripe, 1% 1999, 4% avg.; 1% very poor, 2% poor, 16% fair, 71% good, 10% excellent.

SOUTH DAKOTA: Days suitable for field work 5.7. Topsoil 5% very short, 25% short,64% adequate, 6% surplus. Subsoil moisture 6% very short, 31% short, 57% adequate, 6% surplus. Feed supplies 4% short, 83% adequate, 13% surplus. Stock water supplies 2% very short, 11% short, 78% adequate, 9% surplus. Winter rye 6% poor, 15% fair, 53% good, 26% excellent. Winter Rye boot 6%, 16% 1999, 9% avg. Winter wheat boot 9%, 50% 1999, 17% avg. Sorghum emerged 0%, NA% 1999, NA% avg. Range, pasture 1% very poor, 4% poor, 31%fair, 52% good, 12% excellent. Cattle 5% fair, 76% good, 19% excellent. Calving 88% complete. Cattle move to pasture 38% complete. Sheep 6% fair, 74% good, 20% excellent. Lambing 89% complete. Hot windy days speeded the drying out of fields until a band of showers moved through Saturday, Sunday. Farmers jumped at the opportunity to plant crops racing through small grains, corn, starting on soybeans ahead of the schedule.

TENNESSEE: Days suitable for fieldwork 4. Topsoil 4% short, 75% adequate, 21% surplus. Subsoil moisture 12% short, 78% adequate, 10% surplus. Tobacco 6% transplanted, 7% 1999, 8% avg. Wheat 94% headed, 89% 1999, 82% avg.; 2% poor, 18% fair, 57% good, 23% excellent. Pastures 1% very poor, 4% poor, 20% fair, 60% good, 15% excellent. Alfalfa 15% first cutting complete, 15% 1999, 11% avg.; 2% poor, 22% fair, 59% good, 17% excellent. Other hay 11% first cutting complete, 4% 1999; 4% poor, 24% fair, 56% good, 16% excellent. Cattle 2% poor, 21% fair, 62% good, 15% excellent. Drier conditions, warmer temperatures during the first part of last week allowed farmers to make good progress with planting activities. The wheat crop was rated in mostly good-to-excellent condition, but is in need of sunshine, drier conditions. Producers continue to find disease in some areas, many are taking corrective measures if possible. Tobacco transplanting started on a very limited scale last week. Most areas are ready to begin transplanting as soon as weather permits. Many areas are reporting shorter than normal stands of grass due to the cool April weather. Many hay fields are mature, growers are waiting for dry weather before cutting their crop. Nurserymen are busy lining out, digging, hauling trees, shrubs. Strawberry harvest has begun in many areas of the State. Temperatures averaged 4 to 6^0above normal for the week.

TEXAS: Fieldwork continued, but was interrupted, slowed in many areas as rain showers crossed much of the state. Accumulations ranged from trace amounts to around five inches, run-off problems were experienced at times in some locations. In a few areas crop damage was considerable as large hail, high winds accompanied some of the rain showers. Elsewhere, windy conditions continued to deplete available soil moisture especially in areas where rain fall has been limited. Hauling water to remaining livestock, shade

trees around homes continued in some locations. Haying operations continued to expand in some areas, in other areas it was too wet to bale. In the Rio Grande Valley, Winter Garden areas, vegetables continued to make progress but rains were needed. Field Crops: Small Grains: In areas where grain thrashing will be possible producers were getting ready, a few early fields were cut. Some remaining dryland small grains continued to be in generally poor condition, were being baled for hay or grazed out. Rust continued to be a problem in some areas. Statewide wheat 40% normal compared with 71%1999 Harvested Published 1%, 1999 2%, Average 1%. Corn: Planting remained active but was winding down on the Plains, was mostly completed in other areas. Cultivation continued where possible in most planted areas, early corn continued to tassel. In a few areas high winds, hail caused severe damage. Statewide corn 85%normal 73% 1999. Silked Published 10%, 1999 6%, Average 1%. Cotton: Cotton planting continued in northern areas, however some other areas were still too dry to plant. Squaring continued in early cotton in southern areas. Some replanting remained necessary as damage from hail was extensive in a few locations. Squaring Published 2%, 1999 2%, Average 1%. Rice: Early planted fields continued to be flooded. Little to no damage was sustained from the storms that crossed the rice areas. State wide rice condition was rated at 88% normal 89% 1999. Sorghum: Planting continued to move northward as weather, moisture conditions allowed, however sorghum planting will be delayed or canceled in some areas if moisture levels are not adequate. A few fields have headed in southern areas, cultivation continued where necessary. Statewide sorghum 77% normal, 82% 1999. Headed Published 6%, 1999 2%, Average 2%. Peanuts: Land preparation continued in the growing areas, planting became active in the Plains, continued in Central State, was mostly completed in South area Soybeans: Land preparation remained active where possible. Planting continued along the upper Coast, South Central, began on the Plains. Planting was delayed in some areas where conditions were too wet, in other areas because it was too dry. Emergence of earlier planting' s continued to be favorable. Commercial Vegetables, Fruit and Pecans: Rio Grande Valley, melon harvest remained slow but harvest continued for greens, carrots, beans, peas, potatoes. Onion harvest continued to wind down, lack of moisture was posing stress to some crops as the hot, dry weather continued. San Antonio-Winter Garden, harvest of cabbage, carrots continued, green beans, peas, onions made good progress. Heavy rains, hail caused damage to some melons, but was minor in other crops. East area, planting continued, but progressed slowly for peas, cucumbers, peppers, egg plants, as wet conditions prevailed. Sweet potato planting was mostly on hold until drying occurred. Insect pressure continued to increase in response to the wet conditions, harvest continued where possible for broccoli, onions, cauliflower. High Plains, carrot planting continued, land preparation remained active but slowed at times as high winds continued. Peaches: The first sprays continued in parts of the Plains and fruit setting continued in central and southern areas. Harvest continued with early varieties in a few locations and was mostly completed in some locations. Storm damage was severe in some orchards in various locations across the state. Pecans: nutlet development continued in most areas. Zinc applications continued to be applied by producers in southern, central areas, spraying for pecan nut casebearers began in a few locations. Some producers were applying grafts in their orchards. Range, Livestock: High winds and warm temperatures slowed recovery on the Plains however recovery had not started in a few locations. The Trans-Pecos regions remained mostly void of favorable moisture. In areas where green-up has been slow supplemental feeding was still necessary. Planting of new grass continued in other locations where soil moisture was adequate. Supplemental feeding declined in the wetter areas as haying operations continued expanded. In some areas it was too wet to cut or bale hay.

UTAH: Days suitable for field work 7. Topsoil 4% very short, 40% short, 54% adequate, 2% surplus. Subsoil moisture 2% very short, 30% short, 67% adequate, 1% surplus. Sheep 1% very poor, 3% poor, 25% fair, 67% good, 4% excellent. Pasture, range feed 1% very short, 9% poor, 38% fair, 50% good, 2% excellent. Average alfalfa height 11 inches, 8 inches 1999, 8 inches avg. Corn 54% planted, 11% 1999, 29% avg. Spring wheat 87% emerged, 79% 1999, 77% avg. Barley 85% emerged, 79% 1999, 73% avg. Oats 83% planted, 69% 1999, 65% avg.; emerged 49%, 43% 1999, 39% avg. Potatoes 77% planted, 36% 1999, 31% avg. Ewes lambed on range 82%, 84% 1999, 80% avg. Sheep sheared on range 93%, 92% 1999, 88% avg. Major farm, ranch activities included: Finishing planting of small grains, corn for silage. Grasshoppers currently hatching, baiting continued.

VIRGINIA: Days suitable for fieldwork 6.1. Topsoils 1% very short, 9% short, 79% adequate, 11% surplus. Subsoil moisture 1% very short, 18% short, 70% adequate, 11% surplus. Pastures 3% poor, 18% fair, 65% good, 14% excellent. Livestock 2% poor, 12% fair, 68% good, 18% excellent. Other Hay 2% poor, 18% fair, 60% good, 20% excellent. Alfalfa Hay 1% very poor, 1% poor, 9% fair, 61% good, 28% excellent. Corn for Grain 47% planted, 60% 1999, 52% 5-yr avg. Soybeans 5% planted, 3% 1999, 3% 5-yr avg. Winter Wheat 1% very poor,6% poor, 20% fair, 57% good, 16% excellent. Barley 1% very poor, 4% poor, 16% fair, 58% good, 21% excellent. Tobacco greenhouse 4% fair, 45% good, 51% excellent. Tobacco plantbeds 10% poor, 18% fair, 55% good, 17% excellent. Flue-cured tobacco 14% transplanted, 23% 1999, 15% 5-yr avg. Burley tobacco 2% transplanted, 4% 1999, 1% 5-yr avg. Peanuts 17% planted, 39% 1999, 31% 5-yr avg. Cotton 45% planted, 65% 1999, 56% 5-yr avg. Apples 6% fair, 55% good, 39% excellent. Peaches 2% poor, 23% fair, 67% good, 8% excellent. Temperatures for the week averaged about 5^0 above normal across the Commonwealth. Some isolated areas of the state received small amounts of rainfall, however, average precipitation levels are still below normal. Hot dry weather allowed farmers to continue planting crops, begin their 1st hay cutting. Peanut, cotton producers took advantage of the warm, dry weather as both crops made substantial planting progress this week. Flue tobacco transplanting was in full swing after weather delays the previous week. Small grains are in good condition as the warmer, dryer weather is clearing up mildew problems. Cereal leaf beetles reported as less of a problem this year. Other activities for the week included: Planting vegetables, picking strawberries, spraying crops.

WASHINGTON: Days suitable for fieldwork 4.63. Topsoil 20% short, 76% adequate, 4% surplus. Subsoil moisture 26% short,73% adequate, 1% surplus. Winter wheat, dryland 12% fair, 69%good,19% excellent; irrigated 100% good. Headed 3%, 0% 1999, 1% Avg. Winter wheat condition continued to be favorable across eastern state, in some areas winter wheat was starting to head out. Spring wheat, dryland 79% fair,21% good; irrigated 100% good. Planted 97%, 96% 1999, 86% avg.; emerged 81%, 76% 1999, 68% avg. Barley, dryland 47% fair, 53% good; irrigated 100% good. Planted 95%, 92% 1999, 84% avg.; emerged 79%, 72% 1999, 59% avg. Planting of spring cereal crops were winding down last week, but warmer weather, more precipitation would be beneficial. Potatoes 8% fair, 90% good, 2% excellent. Planted 100%, 92% 1999, 88% avg.; 52% emerged, 32% 1999, 42% avg. Hay, roughage 95% adequate, 5% surplus. Range, Pasture 15% poor, 33% fair, 47% good, 5% excellent. Planting of spring crops were winding down. The 1st cutting of alfalfa hay was started. Asparagus was also being harvested with excellent quality being reported. Blueberries were in fullbloom, strawberries were setting fruit. Blueberry growers continued to report blossom injury due to a freeze week before last. Fruit trees were being thinned, irrigated. Midge traps were being set in Douglas Fir fields by Christmas tree growers. Also, growers were reporting hatching of Cooley spruce gall adelgids in Christmas trees. Tulip growers were preventing disease problems by removing spent flowers. The wet weather in western state were causing a decline in bedding plant sales.

WEST VIRGINIA: Days suitable for fieldwork 6.0. Topsoil 5% very short, 22% short, 72% adequate, 1% surplus. A good week for field activities. Planting of corn, oats, soybeans are ahead of the average, but behind 1999 progress. Topsoil moisture conditions is nearing 1999 levels. Intended Acreage Prepared for Spring Planting 76%, 89% 1999, 77% 5-yr avg. Wheat 10% fair, 70% good, 20% excellent; Wheat headed 17%, 25% 1999, 20% 5-yr avg. Hay 1% very poor, 14% poor, 37% fair, 43% good, 5% excellent. Corn 42% planted, 60% 1999, 32% 5-yr avg. Soybeans 15% planted, 22% 1999, 6% 5-yr avg. Oats 84% Planted, 89% 1999, 75% 5-yr avg; Oats 43% emerged, 52% 1999, 44% 5-yr avg. Tobacco beds seeded 100%, 99% 1999, 100% 5-yr avg. Tobacco beds emerged 97%, 89% 1999, 93% 5-yr avg. Apple 16% poor, 65% fair, 19% good. Peach 16% poor, 64% fair, 20% good. Cattle 1% very poor, 4% poor, 18% fair, 71% good, 6% excellent; 90% calved. Sheep 13% fair, 81% good, 6% excellent; 97% lambed. Feed grain supplies 5% very short, 11% short, 68% adequate, 16% surplus. Hay, roughage supplies 20% very short, 31% short, 49% adequate.

WISCONSIN: Days suitable for fieldwork 6.8. Soil moisture: 13% very short, 52% short, 35% adequate, 0% surplus. Farmers in all areas of the state were busy planting crops during the past week. Farmers worked into darkness throughout the week planting, tilling, spraying, fertilizing fields. Temperatures rose well into the 80s during the past week for many locations, aiding in germination of early-planted crops. Warmer temperatures returned after the previous week' s showers, which helped increase soil temperatures. There was very little rainfall reported last week, which caused soil moisture to slip from mostly adequate to short, very short. Spring tillage: 88% 2000, 70% 1999, 56% 5-year average. Alfalfa, pastures grew quickly due to the increase in temperatures. Many potato growers had finished planting by the end of last week, but growers in extreme northern state had just started. Other vegetable growers were also busy planting snapbeans, peas, sweet corn. Orchards had begun early spraying of apple trees last week

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WYOMING: Days suitable for fieldwork 5.8. Topsoil 2% very short, 36% short, 62% adequate. Subsoil moisture 54% short, 46% adequate. Barley 87% planted, 81% 1999, 84% avg.;64% emerged, 61% 1999, 58% avg.; 1% jointed, 2% 1999, 2% avg. Oats 69% planted, 58% 1999 60% avg,; 36% emerged, 24% 1999, 20% avg. Spring wheat 60% planted,56% 1999, 59% avg,; 21% emerged, 36% 1999, 27% avg. Winter wheat jointed 13%, 14% 1999, 7% avg. Sugarbeets 49% emerged,38% 1999, 25% avg. Corn 44% planted, 27% 1999, 34% avg. Spring calves born 95%, 93% 1999, 95% avg. Farm flock ewes lambed 96%, 95% 1999, 98% avg. Farm flock sheep 96% shorn, 91% 1999, 96% avg. Range flock ewes lambed 57%, 43% 1999, 41% avg. Range flock sheep shorn 84%, 71% 1999, 78% avg. Calf, lamb losses light to normal. Range, pasture feed 1% very poor, 1% poor, 32% fair, 63% good, 3% excellent. Stock water supplies 3% very short, 30% short, 67% adequate.

International Weather and Crop Summary

April 30 - May 6, 2000

HIGHLIGHTS

FSU-WESTERN: Unseasonably cold weather slowed planting activities and crop development, with sub-freezing temperatures observed as far south as Ukraine and southern growing areas in Russia.

EUROPE: Showers in southwestern Europe continued to boost moisture supplies, but hampered fieldwork.

NORTHWESTERN AFRICA: Unseasonably warm, dry weather continued to hasten maturity in winter grains and favored early-harvest activities.

AUSTRALIA: Showers hampered cotton harvesting and caused some concern for crop quality.

SOUTH AFRICA: Cool, showery weather slowed fieldwork but increased moisture for wheat planting.

SOUTHEAST ASIA: Monsoon showers boosted moisture supplies across Indochina, but the western Philippines are waiting for the southwest monsoon to start.

EASTERN ASIA: Across the North China Plain, hot, dry weather stressed reproductive rainfed winter wheat and reduced topsoil moisture for summer crop planting.

SOUTH AMERICA: Showers slowed summer crop harvesting across central Argentina, southern Paraguay, and extreme southern Brazil.

CANADA: Spring grain and oilseed planting has begun.

April 2000

MONTHLY DATA FROM SELECTED FOREIGN CITIES CLIMATE PREDICTION CENTER-NCEP-NWS-NOAA

****** DATA NOT AVAILABLE***

COUNTRY	*CITY*	*TEMPERATURE (C)*						*PRECIPITATION (MM)*	
		AVG MAX	*AVG MIN*	*HI MAX*	*LO MIN*	*AVG*	*DPART F/NRM*	*TOTAL*	*DPART F/NRM*
NORWAY	OSLO	9	1	24	-10	5	1.9	93	45
SWEDEN	STOCKHOLM	11	2	23	-3	7	2.3	0	-31
FINLAN	HELSINKI	11	2	22	-4	7	3.7	46	9
UKINGD	ABERDEEN	9	3	17	-2	6	-0.2	133	80
	MANCHESTER	12	5	18	-1	8	0.3	66	16
	NOTTINGHAM	12	4	17	-2	8	-0.5	124	79
	SOUTHAMPTON	12	6	18	1	9	-0.7	167	112
IRELAN	DUBLIN	10	3	14	-4	7	-1.4	90	39
ICELAN	REYKJAVIK	5	-1	12	-8	2	-1.2	16	-41
DENMAR	COPENHAGEN	13	4	23	-2	9	2.0	41	3
LUXEMB	LUXEMBOURG	14	6	24	1	10	2.2	49	-10
SWITZE	ZURICH	15	6	26	-1	11	2.8	49	-43
	GENEVA	16	7	26	0	11	2.4	81	16
FRANCE	PARIS/LEBOURG	15	7	21	1	11	1.4	76	32
	STRASBOURG	17	7	28	-1	12	2.7	53	7
	BOURGES	15	6	22	2	10	0.8	87	37
	BORDEAUX	17	9	25	2	13	1.6	156	88
	TOULOUSE	17	8	25	0	12	1.4	85	23
	MARSEILLE	19	10	24	3	15	1.6	105	61
SPAIN	VALLADOLID	14	5	20	-1	10	-0.4	88	46
	MADRID	15	6	21	-1	11	-1.6	60	17
	SEVILLE	21	11	26	7	16	-0.9	121	62
PORTUG	LISBON	16	11	21	7	14	-1.6	153	102
GERMAN	HAMBURG	15	6	25	-4	10	3.1	57	6
	BERLIN	17	7	29	-1	12	3.3	32	-9
	DUSSELDORF	16	7	26	-3	11	1.7	44	-7
	LEIPZIG	16	6	27	-2	11	3.3	9	-31
	DRESDEN	17	7	27	-1	12	3.6	24	-22
	STUTTGART	16	5	27	-2	10	1.7	25	-30
	NURNBERG	16	5	26	-2	10	2.2	18	-30
	AUGSBURG	15	4	26	-4	10	1.0	36	-13
AUSTRI	VIENNA	19	8	26	-3	14	3.7	20	-23
	INNSBRUCK	17	5	26	-3	11	2.4	40	-21
CZECHR	PRAGUE	17	5	27	-1	11	3.3	8	-30
POLAND	WARSAW	18	6	28	-3	12	4.5	15	-18
	LODZ	18	7	28	-3	12	5.2	12	-38
	KATOWICE	17	6	26	-1	12	4.2	34	-21
	PRZEMYSL	17	7	26	-2	12	3.9	80	32
HUNGAR	BUDAPEST	20	9	27	-1	15	3.5	79	41
YUGOSL	BELGRADE	21	11	28	1	16	4.1	41	-18
ROMANI	BUCHAREST	21	8	28	-2	14	3.2	50	5
BULGAR	SOFIA	19	8	25	-1	13	3.0	45	-11
ITALY	MILAN	19	10	28	3	15	2.4	102	14
	VERONA	19	9	27	3	14	1.9	55	-11
	VENICE	19	10	26	5	14	2.2	34	-36
	GENOA	16	11	23	8	14	-0.9	142	57
	ROME	18	9	24	-30	13	-0.1	71	20
	NAPLES	20	12	24	7	16	2.6	77	0
GREECE	THESSALONIKA	22	11	26	5	16	2.1	28	-8
	LARISSA	22	9	29	2	16	1.5	13	-17
	ATHENS	21	14	26	8	17	1.2	12	-4
TURKEY	ISTANBUL	19	11	25	5	15	4.4	79	41
	ANKARA	18	5	25	-5	11	-0.2	69	43
CYPRUS	LARNACA	23	13	28	7	18	1.3	41	21
ESTONI	TALLINN	13	4	27	-3	8	4.7	23	-11
RUSSIA	ST.PETERSBURG	12	4	25	-2	8	4.3	24	-8
LITHUA	KAUNAS	17	6	28	-1	12	5.5	25	-15
BELARU	MINSK	16	6	26	-2	11	4.8	83	40
RUSSIA	KAZAN	12	4	25	-4	8	3.5	26	-9
	MOSCOW	16	6	25	-2	11	5.2	26	-16
	YEKATERINBURG	12	3	25	-4	8	3.3	36	8
	OMSK	13	2	25	-4	8	4.1	20	-1
	KRASNOYARSK	9	0	21	-10	4	***	35	**
	NOVOSIBIRSK	10	-1	24	-8	5	5.4	31	18
	BARNAUL	12	1	25	-9	7	3.9	28	3
	KHABAROVSK	10	0	25	-6	5	0.9	26	-17
	VLADIVOSTOK	9	1	19	-2	5	0.5	74	9
UKRAIN	KIEV	17	9	26	1	13	4.3	28	-19
	LVOV	17	7	25	-2	12	4.2	62	14
	KIROVOGRAD	18	8	26	1	13	4.4	42	11

Based on Preliminary Reports

April 2000

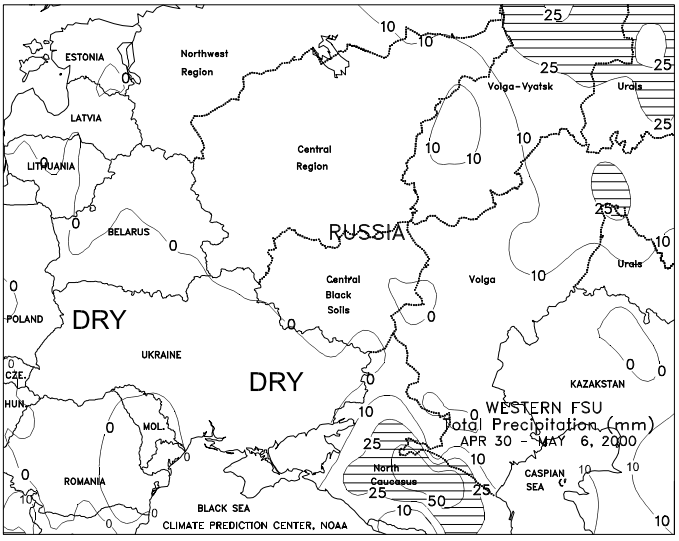
COUNTRY	CITY	TEMPERATURE (C) AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	PRECIPITATION (MM) TOTAL	DPART F/NRM
	ODESSA	14	9	25	3	11	2.3	21	-12
	YALTA	17	10	26	4	13	3.0	4	-28
RUSSIA	VORONEZH	18	8	24	0	13	***	27	**
	SARATOV	15	7	25	-1	11	4.6	28	1
	VOLGOGRAD	18	8	25	0	13	3.9	64	40
UKRAIN	ZDANOV	16	9	25	3	13	4.8	30	-11
RUSSIA	ASTRAKHAN	21	9	31	-2	15	3.9	25	8
	KRASNODAR	21	9	28	1	15	3.4	22	-31
KAZAKS	ATBASAR	14	1	26	-9	7	6.5	16	0
RUSSIA	ORENBURG	17	5	28	-7	11	4.0	21	-2
KAZAKS	KARAGANDA	17	4	25	-4	11	5.5	23	2
GEORGI	TBILISI	23	11	28	5	17	3.6	22	-32
UZBEKI	TASHKENT	25	12	35	6	19	3.3	34	-25
TURKME	ASHKHABAD	29	16	37	8	22	5.3	0	-42
SYRIA	DAMASCUS	26	10	32	2	18	2.3	3	-10
ISRAEL	JERUSALEM	23	11	32	7	17	1.4	1	-33
INDIA	AMRITSAR	37	17	42	9	27	1.9	0	-25
	NEW DELHI	38	23	43	17	30	1.7	1	-14
	AHMEDABAD	42	24	44	19	33	1.4	0	-2
	INDORE	41	23	43	20	32	2.3	0	-3
	CALCUTTA	35	25	38	21	30	-0.5	74	40
	VERAVAL	31	24	38	22	28	0.6	0	0
	BOMBAY	33	25	37	21	29	0.4	0	0
	POONA	39	21	41	16	30	0.8	0	-12
	BEGAMPET	40	25	43	21	32	1.3	0	-20
	KAKINADA	36	27	38	23	31	0.7	45	23
	MADRAS	36	27	41	25	31	0.6	1	-11
	MANGALORE	34	25	36	23	30	0.4	13	-27
HONGKO	KINGS PEAK	***	23	-55	22	***	***	***	***
N KORE	NAMPO	15	7	22	1	11	0.3	46	7
S KORE	SEOUL	17	8	24	2	12	1.7	31	-37
JAPAN	SAPPORO	10	3	15	-1	6	-0.1	131	68
	NAGOYA	19	9	23	5	14	0.3	154	2
	TOKYO	19	11	24	6	15	0.7	155	32
	YOKOHAMA	18	11	23	7	14	0.8	122	-21
	KYOTO	19	9	24	4	14	0.2	93	-71
	OSAKA	19	11	24	6	15	0.3	79	-58
THAILA	PHITSANULOK	36	25	40	17	30	-0.9	62	10
	BANGKOK	34	27	37	23	30	-0.3	184	115
MALAYS	KUALA LUMPUR	33	25	34	23	29	1.8	330	58
VIETNA	HANOI	29	23	35	20	26	2.1	152	70
CHINA	HARBIN	12	2	24	-5	7	1.2	27	3
	HAMI	22	6	28	1	14	0.6	9	7
	LANCHOW	20	7	29	-1	13	1.7	6	-13
	BEIJING	20	9	31	3	14	0.5	21	-6
	TIENTSIN	21	9	31	3	15	1.1	16	-9
	LHASA	16	3	20	-2	10	1.4	9	3
	KUNMING	24	13	28	9	19	2.5	16	-10
	CHENGCHOW	23	11	32	4	17	1.8	9	-39
	YEHCHANG	23	14	28	10	19	1.5	11	-84
	HANKOW	23	15	28	8	19	3.2	23	-109
	NEIJIANG	22	15	28	11	18	-0.7	78	19
	CHIHKIANG	20	14	29	9	17	0.8	159	-5
	NANJING	22	12	28	6	17	2.4	41	-44
	HANGZHOU	22	13	29	7	18	2.5	90	-38
	NANCHANG	21	15	27	10	18	1.0	162	-61
	TAIPEI	24	19	32	16	22	0.9	355	187
	CANTON	26	20	32	14	23	1.3	400	218
	NANNING	27	20	35	17	23	1.3	67	-38
CANARY	LAS PALMAS	22	16	28	15	19	0.7	2	-4
MOROCC	CASABLANCA	20	13	25	9	16	0.5	43	5
	MARRAKECH	23	11	30	8	17	0.4	31	-3
ALGERI	ALGER	22	11	30	2	17	1.8	17	-64
	BATNA	22	8	33	0	15	3.3	8	-20
TUNISI	TUNIS	23	13	30	8	18	2.6	46	7
NIGER	NIAMEY	43	27	45	18	35	1.3	9	3
MALI	TIMBUKTU	40	**	45	21	**	***	0	-2
	BAMAKO	39	27	42	21	33	1.0	21	2
MAURIT	NOUAKCHOTT	34	21	43	11	28	3.1	0	0
SENEGA	DAKAR	25	20	31	16	23	1.2	0	0
CHAGOS	DIEGO GARCIA	**	28	31	26	**	***	101	-81
LIBYA	TRIPOLI	27	13	38	2	20	1.1	2	-15
	BENGHAZI	24	15	38	11	20	0.5	7	1
EGYPT	CAIRO	30	17	42	13	23	1.5	0	-2
	ASWAN	37	21	44	18	29	2.1	0	0

COUNTRY	CITY	TEMPERATURE (C) AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	PRECIPITATION (MM) TOTAL	DPART F/NRM
KENYA	NAIROBI	27	15	30	13	21	0.8	70	-87
TANZAN	DAR ES SALAAM	31	22	33	21	27	0.2	283	11
GABON	LIBREVILLE	**	**	30	21	**	***	**	**
TOGO	LOME	33	26	38	23	30	1.6	27	-73
BURKIN	OUAGADOUGOU	40	29	42	25	35	1.9	17	-6
COTE D	ABIDJAN	32	25	37	21	29	0.9	203	58
MOZAMB	MAPUTO	28	19	33	16	23	-0.1	53	-2
MALAWI	CHILEKA	26	19	30	17	22	0.3	17	-25
ZIMBAB	HARARE	25	14	28	11	20	1.5	92	48
S AFRI	PRETORIA	23	12	27	10	18	0.0	70	16
	KROONSTAD	22	10	26	6	16	***	28	**
	JOHANNESBURG	19	9	23	4	14	-1.2	34	-18
	BETHAL	21	8	25	2	14	-0.9	104	66
	DURBAN	25	17	29	12	21	-0.6	109	36
	CAPE TOWN	24	12	34	4	18	1.1	10	-28
CANADA	TORONTO	11	2	24	-5	7	0.7	79	15
	MONTREAL	10	1	22	-5	5	-0.4	130	55
	WINNIPEG	12	-4	25	-14	4	0.3	95	58
	REGINA	12	-4	24	-11	4	0.0	28	7
	SASKATOON	11	-2	24	-12	4	0.4	64	45
	LETHBRIDGE	13	-1	22	-12	6	0.3	37	1
	CALGARY	11	-3	21	-15	4	-0.1	15	-10
	EDMONTON	11	-1	24	-13	5	-0.2	22	0
	VANCOUVER	14	6	17	2	10	0.9	43	-33
MEXICO	GUADALAJARA	31	14	35	7	23	0.8	0	-8
MEXICO	MEXICO CITY	**	27	9	**	**	3.0	-10	**
MEXICO	ACAPULCO	30	21	32	19	25	-1.7	0	-5
BERMUD	ST. GEORGES	23	18	24	16	20	1.2	163	83
BAHAMA	NASSAU	28	21	33	16	24	0.9	74	22
CUBA	HAVANA/MARTI	30	19	35	12	24	-0.7	24	-49
JAMAIC	KINGSTON	31	24	34	22	28	0.9	4	-32
P RICO	SAN JUAN	30	23	32	21	26	0.0	31	-58
GUADEL	RAIZET	30	23	31	21	27	1.1	41	-31
MARTIN	LAMENTIN	29	24	31	20	26	1.1	60	-60
BARBAD	BRIDGETOWN	30	24	30	22	27	0.3	37	-20
TRINID	PORT OF SPAIN	32	24	33	21	28	0.9	93	57
COLOMB	BOGOTA	19	9	22	4	14	0.2	30	-72
F GUIA	CAYENNE	29	24	30	22	26	0.0	863	460
BRAZIL	FORTALEZA/PINT	30	25	32	23	27	0.7	432	109
	RECIFE	30	23	31	19	26	0.3	436	110
	BELO HORIZONTE	27	18	30	14	22	0.5	50	-13
	CAMPO GRANDE	32	20	35	13	26	2.2	62	-39
	FRANCA	27	17	30	11	22	4.3	10	-70
	RESENDE	27	18	31	13	23	1.1	43	-44
	LONDRINA	29	17	33	10	23	1.2	13	-100
	SANTA MARIA	26	16	35	9	21	2.5	79	-56
	PORTO ALEGRE	27	17	35	11	22	2.0	83	-21
PERU	LIMA	24	18	28	16	21	-0.3	0	0
BOLIVI	LA PAZ	17	2	31	-2	9	0.7	39	9
CHILE	SANTIAGO	22	7	31	3	15	0.4	17	7
ARGENT	FORMOSA	28	19	35	12	24	1.5	129	-28
	POSADAS	28	18	35	12	23	2.1	96	-57
	CERES	25	15	34	6	20	0.9	198	118
	CORDOBA	23	14	33	8	18	1.1	124	71
	RIO CUARTO	21	13	29	8	17	0.8	126	78
	ROSARIO	23	14	34	8	19	1.5	239	127
	BUENOS AIRES	22	13	28	6	17	1.1	133	50
	SANTA ROSA	22	10	32	3	16	0.9	53	3
	TRES ARROYOS	22	9	30	2	15	1.0	18	-69
SAMOA	PAGO PAGO	32	25	34	21	29	1.4	124	-183
TAHITI	PAPEETE	31	24	33	22	27	0.6	20	-122
NZEALA	AUCKLAND	19	14	23	8	17	***	98	**
	WELLINGTON	17	13	22	9	15	***	84	**
AUSTRA	DARWIN	31	24	32	23	28	-0.9	417	336
	GOONDIWINDI	27	15	32	9	21	1.1	12	-17
	BRISBANE	25	17	28	13	21	-0.5	43	-61
	PERTH	26	14	31	5	20	0.7	39	-8
	CEDUNA	23	12	30	5	17	-0.2	5	-16
	ADELAIDE	22	13	28	6	17	0.5	78	40
	MELBOURNE	21	11	26	5	16	0.3	12	-37
	WAGGA	22	11	29	3	17	0.7	90	40
	CANBERRA	19	7	24	-1	13	-0.3	36	-17
INDONE	BANDUNG	29	21	40	18	25	1.8	196	-29
PHILIP	MANILA	33	28	36	25	30	1.3	38	13

Based on Preliminary Reports

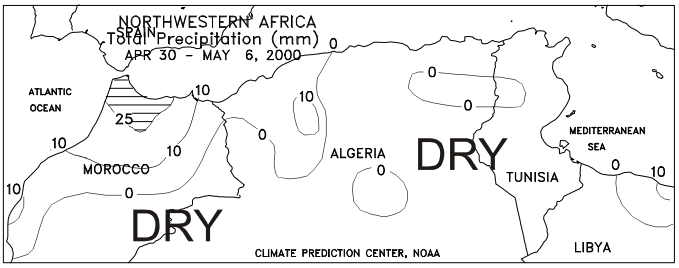
EUROPE

Following several weeks of wet weather in northwestern Europe, dry weather in England promoted spring barley and summer crop planting. Despite scattered showers (3-17 mm, with isolated higher amounts), corn and sunflower planting likely resumed in France and the Benelux countries, as unseasonably warm weather helped evaporate excess topsoil moisture. Given the recent wet weather, soil moisture remained ample for jointing winter grains in England, the Benelux countries, and northern France, and heading winter grains in southern France. Farther south, widespread showers (10-52 mm, locally 100 mm or more) benefited reproductive to filling winter grains and emerging summer crops in Spain, Portugal, and Italy. However, frequent rain has hampered summer crop planting during the past few weeks, especially in northwestern Italy, western Spain, and Portugal. In Germany, Austria, and the Balkans, scattered showers (8-45 mm) benefited jointing to reproductive winter grains and oilseeds. In contrast, dry weather continued from Scandinavia and Poland southeastward through Romania and Bulgaria, helping fieldwork. Moisture supplies are mostly adequate across this region, however, additional rainfall would be welcomed in southern Romania and Bulgaria to boost subsoil moisture. Temperatures averaged about 2 to 6 degrees C above normal from France and the Benelux countries eastward. Elsewhere, seasonably warm weather covered England, the Iberian peninsula, the southern Balkans, and Romania, while temperatures averaged 1 to 2 degrees C below normal in Bulgaria and Greece.



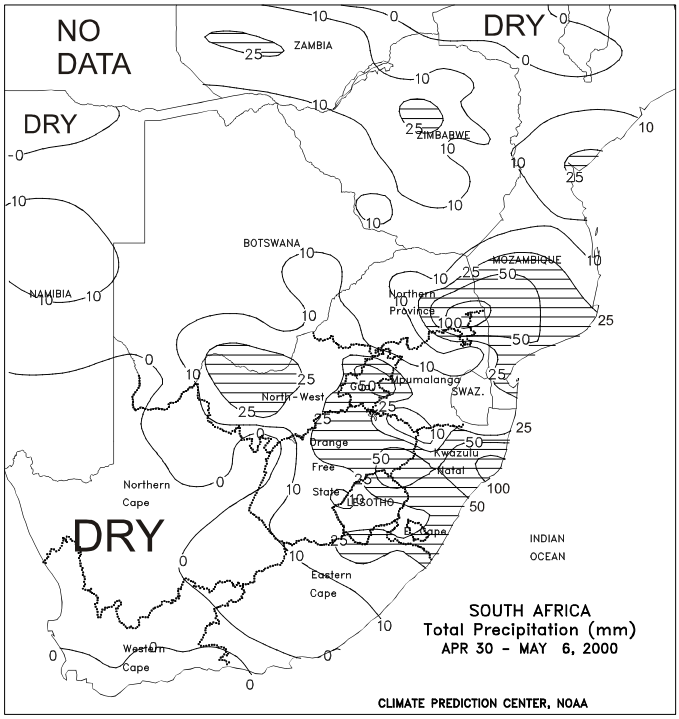
FSU-WESTERN

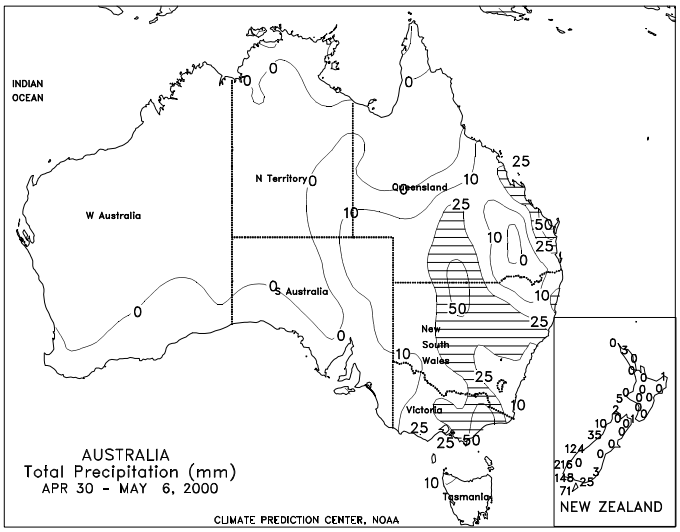
A strong cold front pushed southward across the region, ushering in much cooler and drier weather. Weekly temperatures averaged 1 to 3 degrees C below normal in Ukraine, the Baltics, and Belarus and 2 to 6 degrees C below normal in Russia. This past week' s colder weather pattern slowed fieldwork and crop development throughout most of the region. In Ukraine and southern Russia, lowest temperatures were observed from May 3-4. Minimum temperatures on these nights generally ranged from -1 to -2 degrees C, with spotty locations reporting temperatures from -3 to -4 degrees C. In northern Russia, minimum temperatures as low as -5 degrees C were confined to extreme northern locations. Overall, temperatures did not fall low enough or last for a sufficient amount of time to threaten winter grains in the jointing stage. However, newly emerging corn and sugar beets in Ukraine and Russia may have been slightly damaged. Mostly dry weather prevailed over most of the region, with significant precipitation (10-63 mm) confined to the central and southern North Caucasus region in Russia. Reports from Russia as of May 3 indicated that spring grains and pulses, excluding corn, were about 24 percent planted. Sugar beets and sunflowers were about 54 and 23 percent planted, respectively.

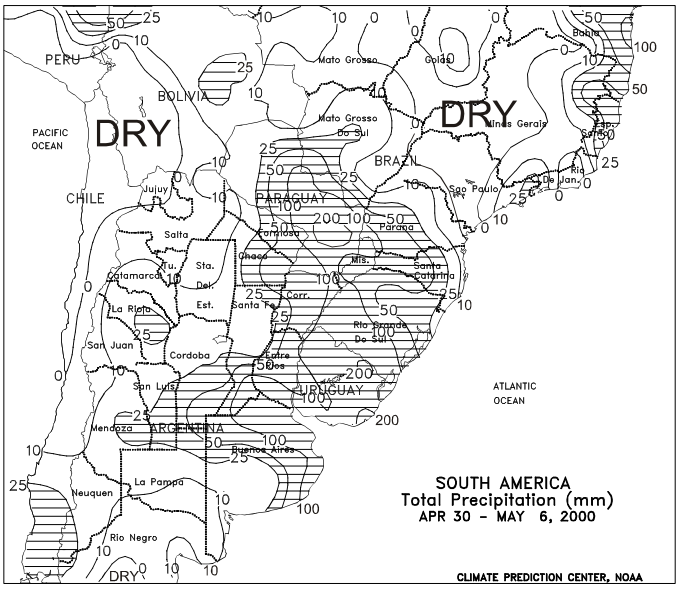


NORTHWESTERN AFRICA

Crop progress for winter grains ranged from filling to mature over the region. Harvest activities were likely underway in southern growing areas. Unseasonably warm, dry weather prevailed over southern Morocco and western Algeria, favoring winter grain maturation and early harvesting. Continued unseasonably warm, dry weather in eastern Algeria and Tunisia further hastened maturity in winter grains. Weekly temperatures averaged near normal in Morocco and 2 to 4 degrees C above normal in Algeria and Tunisia. Maximum temperatures as high as 38 degrees C were observed in key winter grain-producing areas in Tunisia.







SOUTH AFRICA

Widespread, moderate to heavy rain (25-50 mm or more) covered a broad section of the corn belt. While slowing early corn and sunflower harvesting, the moisture was highly beneficial for wheat planting. The rain extended eastward through sugarcane areas of KwaZulu-Natal, possibly resulting in localized flooding. Mostly dry weather covered crop areas of Western and Eastern Cape Provinces. *(This is the last weekly summary of the season. Coverage will resume in October as corn planting begins.)*

AUSTRALIA

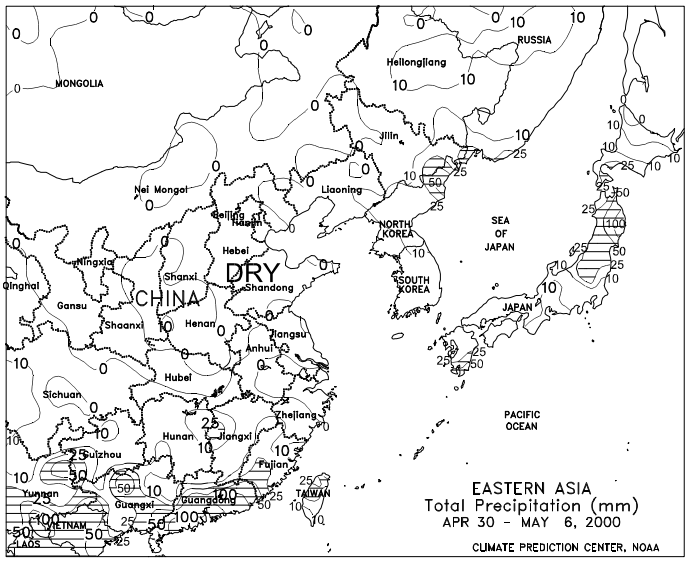
Widespread, locally heavy rain (10-50 mm or more) swept across the east. In New South Wales, the rain hampered cotton harvesting and threatened fiber quality. However, the moisture was overall favorable for wheat and barley germination from Queensland to Victoria. Winter grain planting is likely well underway in Queensland' snorthern growing areas. Drier weather continued over grain areas in Western Australia and South Australia' s Eyre Peninsula, but light showers (10 mm or less) fell east of Adelaide. Planting in the southern growing areas can last well into July. In New Zealand, mild, dry weather covered the main crop and grazing lands.

SOUTH AMERICA

Across most of central Argentina, moderate to heavy showers (30-125 mm or more) continued to hamper summer crop harvesting. Drier weather (less than 25 mm) only prevailed across southwestern Buenos Aires and La Pampa. Moderate showers (25-70 mm) also slowed cotton harvesting across northern Argentina. By week' s end, freezing temperatures across La Pampa and southwestern Buenos Aires aided summer crop maturation. According to reports as of April 28, national Argentine sunflower, sorghum, rice, and cotton were 98, 34, 53, and 20 percent harvested, respectively. Nationally, corn was 52 percent harvested, compared with 45 percent harvested last year. In the provinces, corn was 93 percent harvested in Entre Rios, 83 percent in Santa Fe, 66 percent in Buenos Aires, and 42 percent in Cordoba. Nationwide, soybeans were 37 percent harvested, compared with 28 percent harvested last year. In the north, cotton was 50 percent harvested in Formosa, 30 percent in Chaco, and 11 percent in Santa Fe. In southern Paraguay, heavy showers (90-190 mm) slowed cotton and soybean harvesting and likely caused some flooding. In southern Brazil, moderate showers (30-80 mm) slowed soybean harvesting from Rio Grande do Sul northward to southwestern Parana. The rainfall, however, boosted soil moisture for winter wheat planting. Elsewhere in southern Brazil, mostly dry weather aided late-summer crop harvesting. Temperatures averaged 1 to 3 degrees C below normal across Argentina and 1 to 4 degrees C above normal across southern Brazil. According to reports as of May 5, Brazilian soybeans were 93 percent harvested, compared with the 5-year average of 96 percent. In Parana, soybeans were 97 percent harvested, compared with the 5-year average of 99 percent. In Rio Grande do Sul, soybean harvesting increased by 19 percentage points to 82 percent complete, compared with the 5-year average of 92 percent complete.

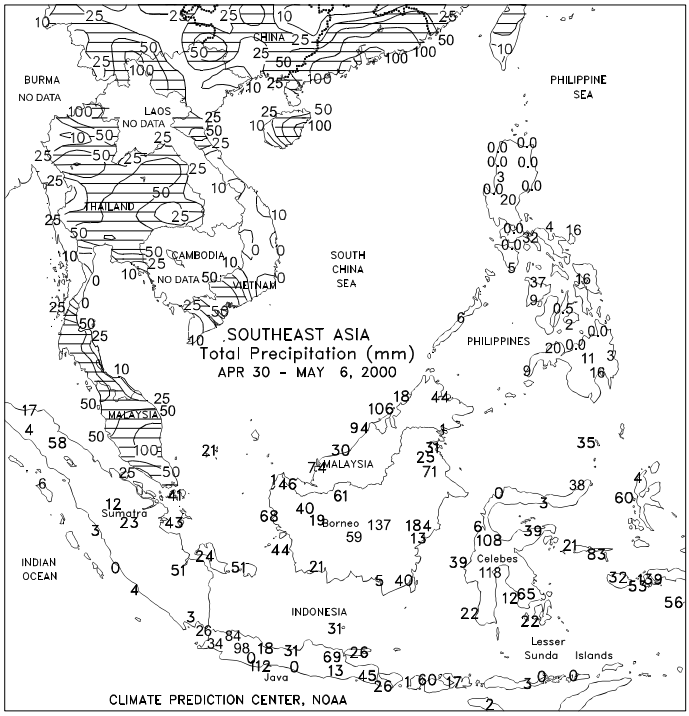
EASTERN ASIA

Across the North China Plain (Yellow River Basin), hot, dry weather stressed reproductive rainfed winter wheat and reduced topsoil moisture for summer crop planting. A majority of the winter wheat is irrigated. Temperatures averaged 2 to 4 degrees C above normal across the North China Plain, with highs ranging from 32 to 36 degrees C. In southern Manchuria, mostly dry weather aided fieldwork, while light to moderate rain (5-25 mm) increased topsoil moisture across the north. Mostly dry weather prevailed across the Yangtze Valley, favoring summer crop planting and winter crop maturation, but more rain is needed to maintain moisture supplies. Moderate to heavy showers (30-170 mm) fell across the southern coastal provinces, maintaining moisture supplies for early rice, but likely causing flooding in Guangdong. Temperatures averaged 1 to 4 degrees C above normal across southern China and Manchuria.



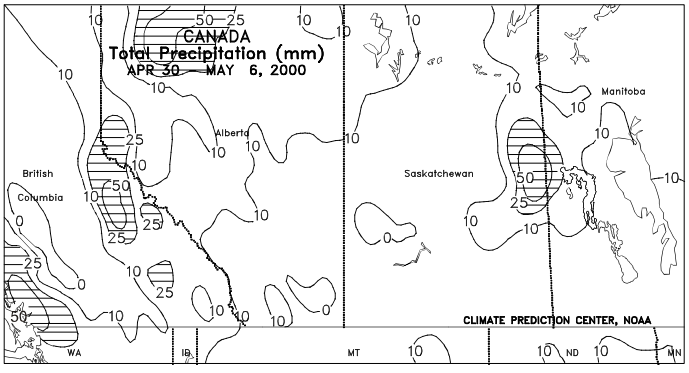
SOUTHEAST ASIA

In Thailand, widespread showers (15-70 mm) continued to boost moisture supplies for main-season rice and corn planting. Light to moderate showers (5-30 mm) increased moisture supplies for winter-spring rice in northern Vietnam, and heavier showers (20-80 mm) fell across southern Vietnam. In the Philippines, only light showers (less than 20 mm) prevailed across the western part of the country, where the southwest monsoon is slightly delayed. The drier weather favored second-crop grain harvesting. In Java, Indonesia, scattered showers (10-70 mm) allowed main-season rice harvesting to progress without major delays. Showers (40-100 mm) maintained moisture supplies for oil palm across peninsular Malaysia.



CANADA

Mostly dry, warmer-than-normal weather covered the Prairies, supporting field preparations for spring grain and oilseed planting and warming topsoils for germination. Highs ranged from the middle to upper 20's degrees C, but sub-freezing lows were still common in most growing areas. Planting is reportedly underway in some of the more southerly locations that have sufficient moisture reserves. Due to winter rainfall deficits in northern sections of Alberta, including the Peace River Valley, rain is needed before planting can begin. Farther east, warm, mostly dry weather also dominated crop areas of Ontario and Quebec, spurring development of vegetative winter grains. Rain is needed in sections of southern Ontario to prevent delays in corn and soybean planting.



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Pasture and Range Crop Condition by Percent
Week Ending May 7, 2000

	VP	P	F	G	EX		VP	P	F	G	EX
AL	4	13	28	49	6	NH	0	9	32	59	0
AZ	2	21	41	36	0	NJ	0	0	10	80	10
AR	1	5	27	50	17	NM	20	26	38	16	0
CA	0	10	50	30	10	NY	0	0	15	58	27
CO	1	4	32	61	2	NC	0	3	19	67	11
CT	0	0	40	44	16	ND	3	9	38	44	6
DE	0	0	16	79	5	OH	1	4	23	53	19
FL	0	45	50	5	0	OK	0	3	23	62	12
GA	6	20	39	32	3	OR	0	0	19	72	9
ID	2	3	24	57	14	PA	2	4	32	55	7
IL	1	6	29	57	7	RI	0	0	67	33	0
IN	3	8	31	47	11	SC	1	6	27	57	9
IA	8	27	45	18	2	SD	1	4	31	52	12
KS	1	6	29	57	7	TN	1	4	20	60	15
KY	1	7	30	49	13	TX	16	21	30	27	6
LA	3	10	32	46	9	UT	1	9	38	50	2
ME	17	21	34	28	0	VT	0	19	44	37	0
MD	2	4	13	61	20	VA	0	3	18	65	14
MA	0	13	11	76	0	WA	0	15	33	47	5
MI	1	10	30	49	10	WV	0	12	34	45	9
MN	3	17	47	31	2	WI	6	14	37	36	7
MS	0	9	20	57	14	WY	1	1	32	63	3
MO	20	37	36	7	0	48 Sts	6	14	33	40	7
MT	10	27	33	27	3						
NE	9	24	44	22	1	Prev					
NV	1	3	15	80	1	Prev Yr	2	8	28	51	11

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