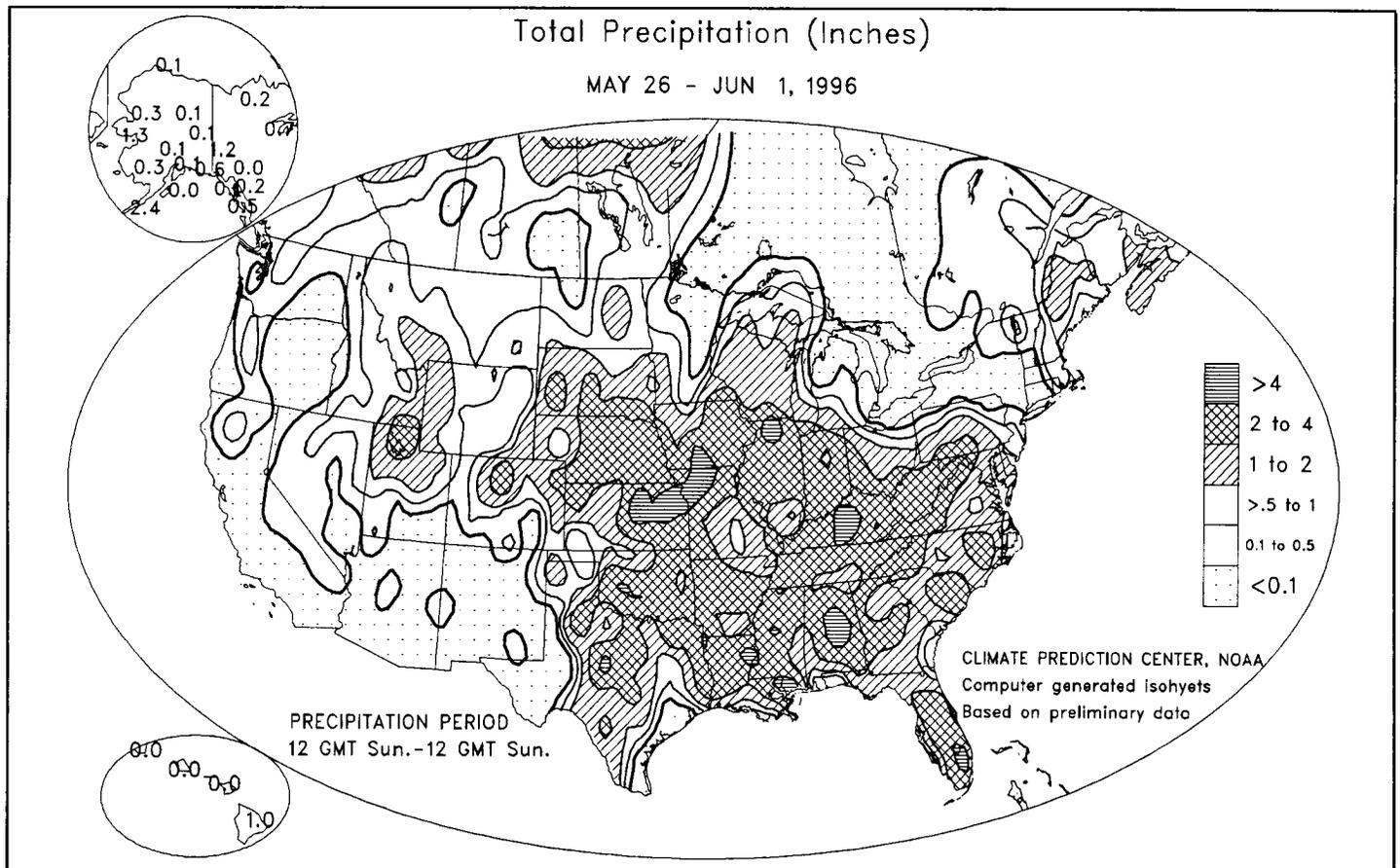


WEEKLY WEATHER AND CROP BULLETIN

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

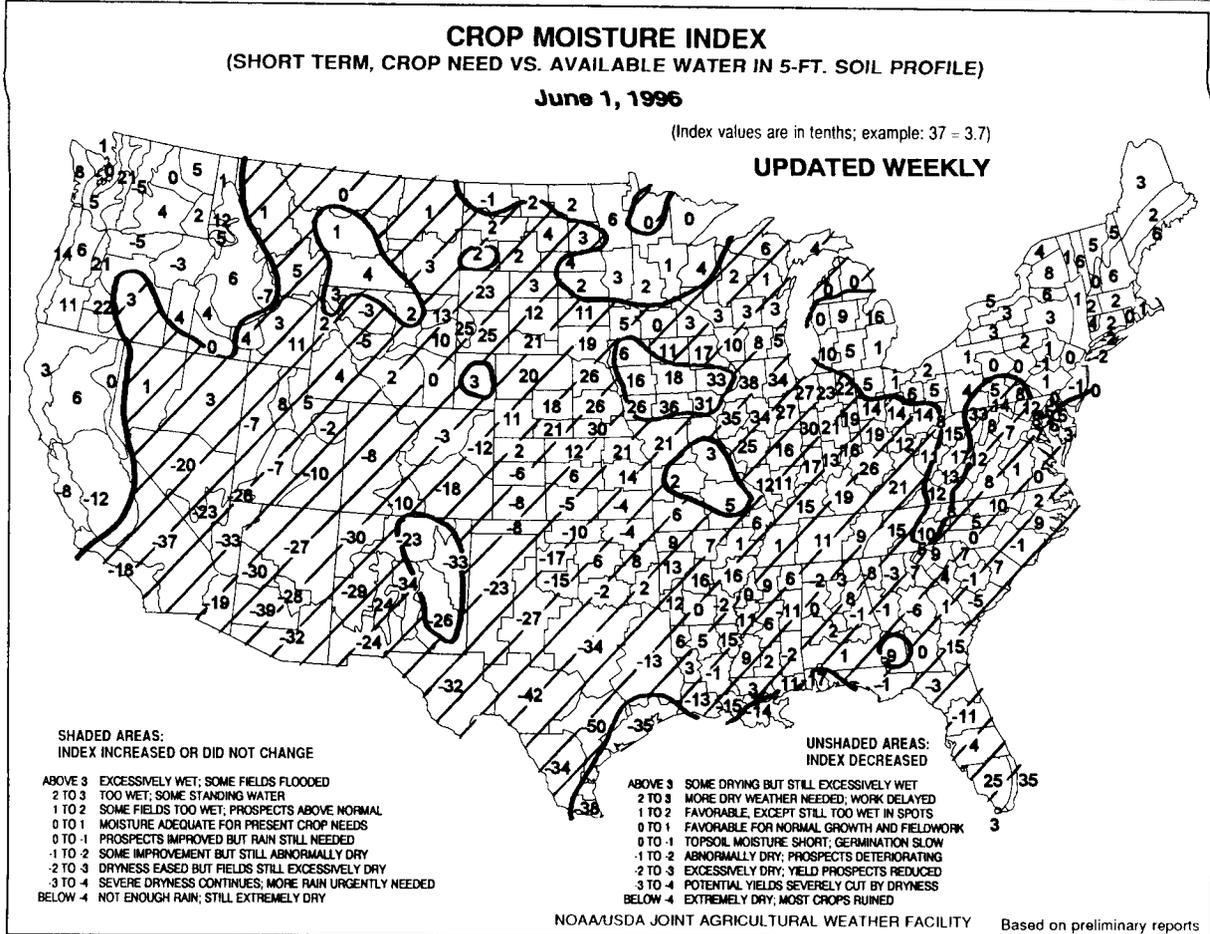
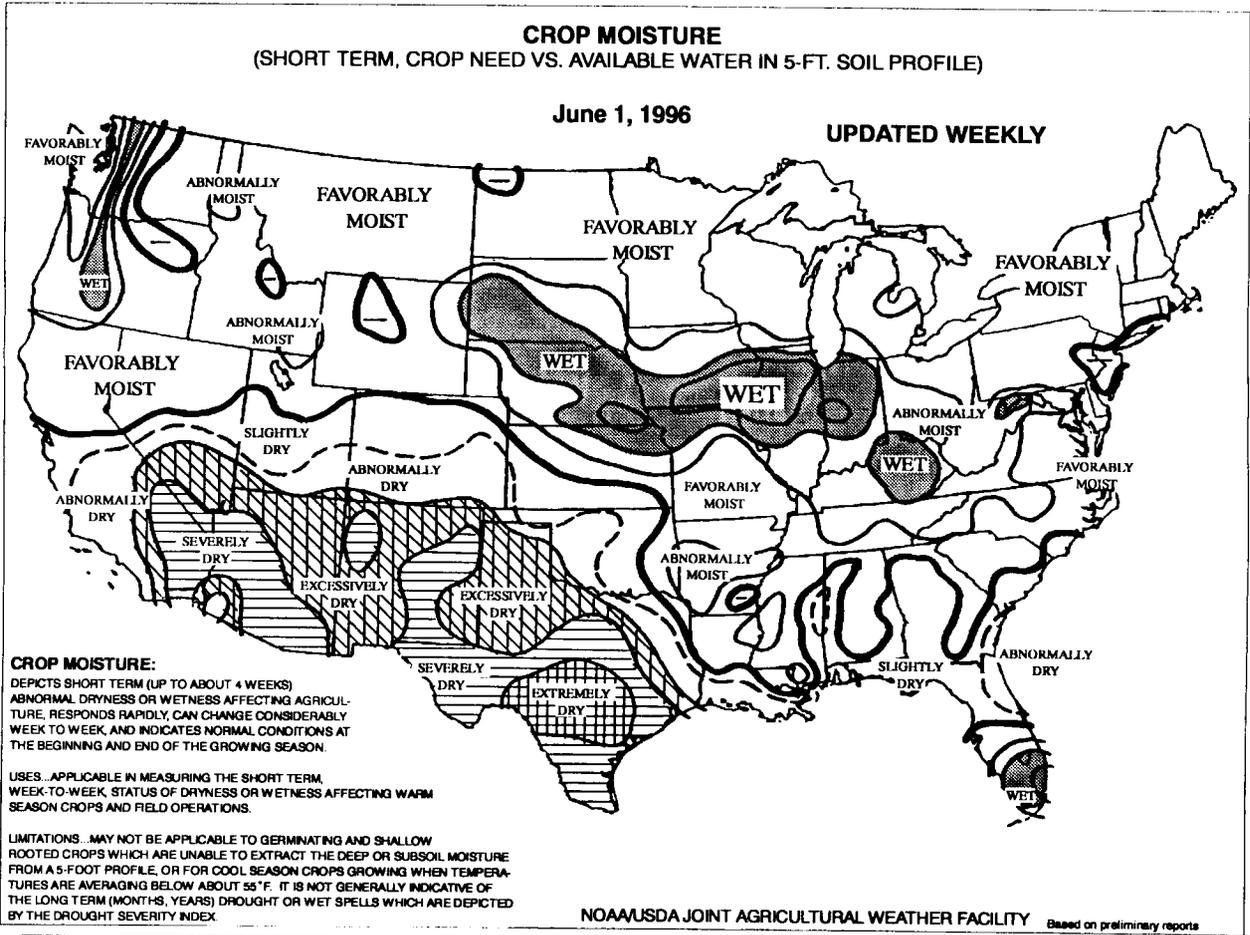
May 26 - June 1, 1996

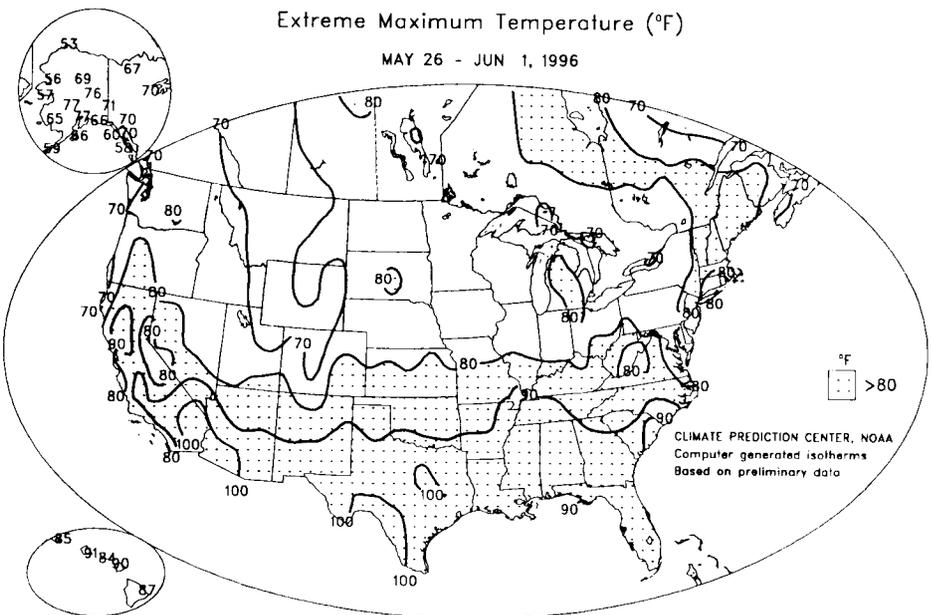
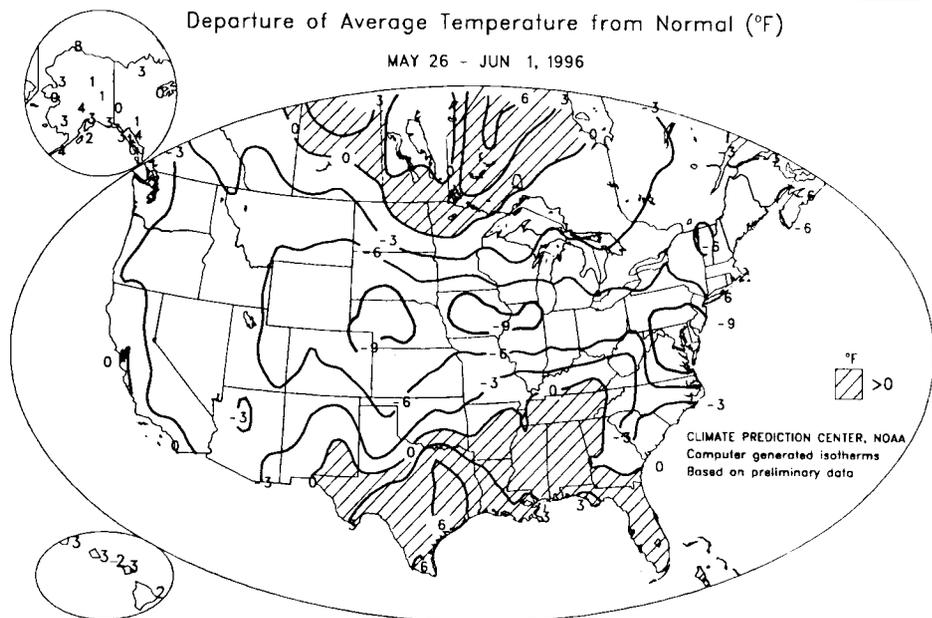
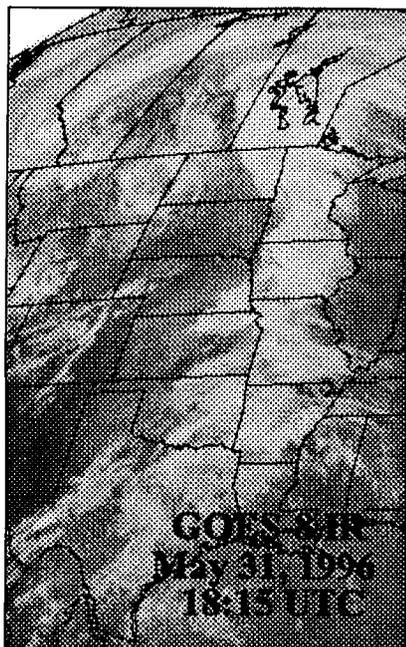
Storm systems dumped 2 to 7 inches of rain on much of the Corn Belt, flooding low-lying areas anew and limiting planting opportunities. In addition, Corn Belt temperatures averaged 5 to 10°F below normal, hampering crop emergence and development. Elsewhere, heavy rains ended a 4-week dry spell in the Southeast and further eased long-term drought in the central Plains. Parts of northern Texas received more rain in May's final days than during the preceding 8 months. According to preliminary counts, thunderstorms during the last 8 days of May produced about 180 tornadoes, nearly 60 percent of the month's total. In contrast, several warm, dry days across the Northern States promoted planting and crop development.

(Continued on page 3)

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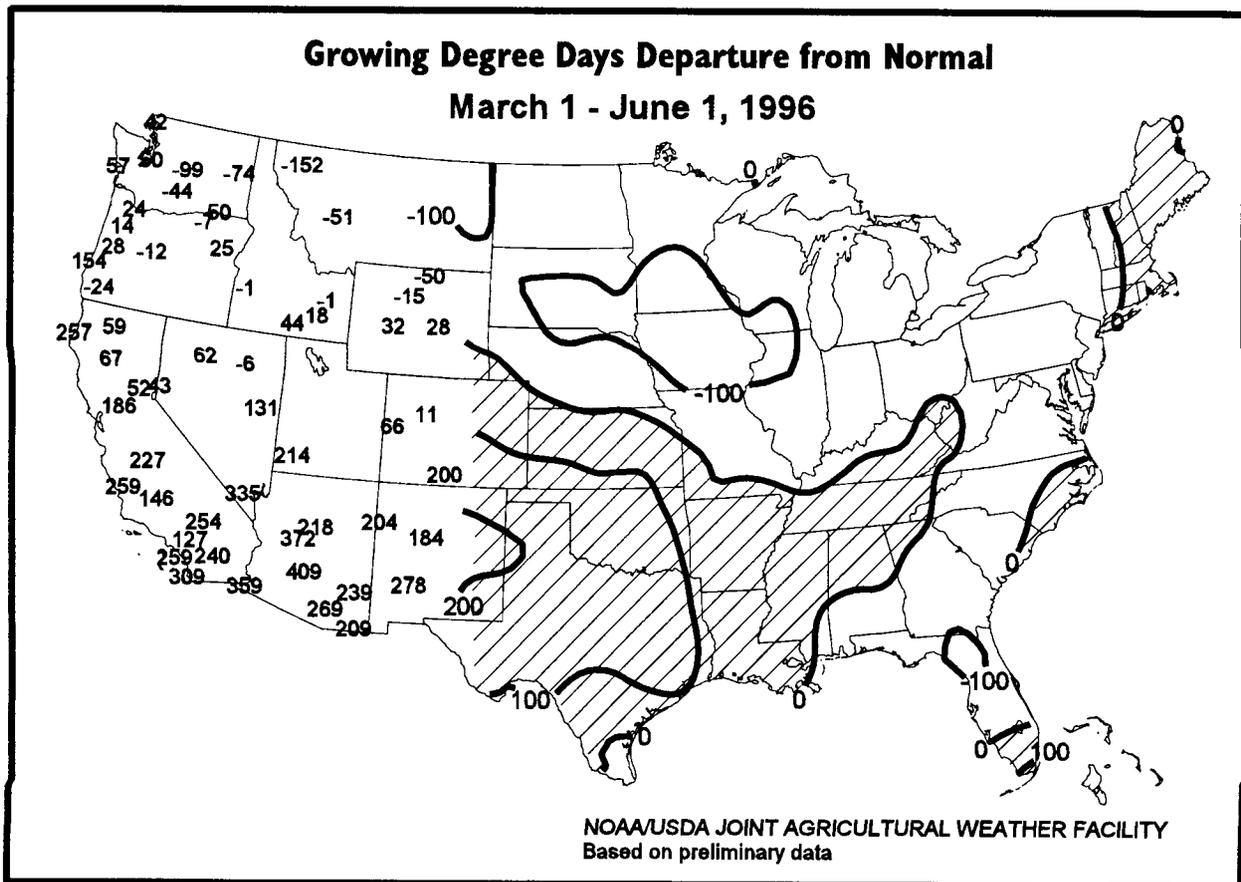
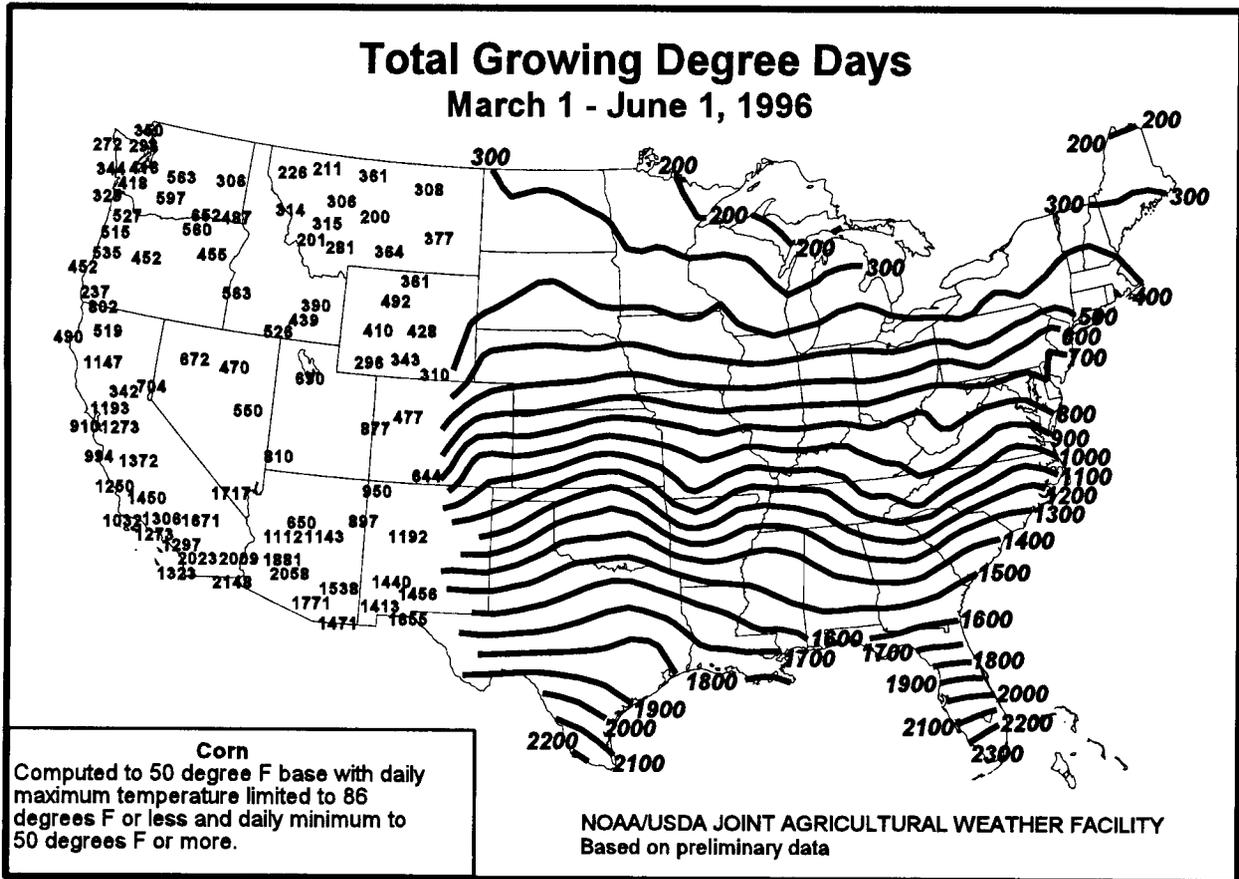
(Continued from front cover)

During the first half of the week, a winter-like storm tracked northeastward through the southern and central Plains before turning eastward across the Corn Belt and Middle Atlantic region. Rainfall intensity reached May-record proportions in Benkelman, NE, where 2.80 inches fell in 24 hours on May 25-26. Daily-record rainfalls were logged in several locations, including Kansas City, MO (3.35 inches on May 26), Little Rock, AR (2.74 inches on May 27), and Rockford, IL (4.77 inches on May 28). Near the storm's center on Sunday, wind gusts reached 53 mph in Dodge City, KS and 49 mph in Amarillo, TX. Farther north, highs on Sunday climbed only to 42°F in Cheyenne, WY (where 0.1 inch of snow fell) and 52°F in Norfolk, NE.

The storm helped to boost monthly rainfall to May-record levels in many Midwestern cities, including Rockford, IL (11.75 inches), Des Moines, IA (11.08 inches), and South Bend, IN (8.09 inches). Flooding returned to most tributaries and main-stem rivers across the Midwest, but in most cases did not reach the magnitude of early- to mid-May crests. Nevertheless, the Rock River crested at 6.79 feet above flood stage near Joslin, IL, 0.44 feet above the previous record flood on March 26, 1993. Farther east, May rainfall totaled 15.75 inches in Elkins, WV, the wettest month during their 97-year period of record. In Portland, OR, a daily-record 0.57 inches of rain fell on May 29, boosting their monthly total to a May-record 4.88 inches.

Across the South, meanwhile, heat eased slightly toward month's end, but not enough to prevent May average-temperature records from being set in Texas locations such as Amarillo (72.5°F, 7.2 degrees above normal); Dallas (79.7°F, 7.1 degrees above normal); and Waco (80.6°F, 6.3 degrees above normal). In Lufkin, TX, highs of 99°F on Tuesday and Wednesday topped their former May record, last set in 1958, by 1 degree. Despite late-month rains totaling 1.67 inches in Amarillo, the 242-day precipitation of 2.89 inches (35 percent of normal) remained their lowest on record, ahead of the September 1954-May 1955 value of 3.11 inches. Rainfall during the first 5 months of 1996 was the lowest on record in Shreveport, LA (9.88 inches; 49 percent of normal) and Brownsville, TX (0.79 inches; 10 percent of normal), eclipsing marks set in 1918 and 1901, respectively.

After midweek, a high-pressure system delivered dry, cool weather to the Nation's northeastern quadrant and suppressed rains southward. On May 30-31, frost dotted the Great Lakes States. In Jackson, MI, a low of 32°F on May 30 occurred within 1 day of their latest freeze on record. Across the Southeast, much of the month's rain fell on May 26-29, as totals topped 4 inches in several locations, including Montgomery, AL and Louisville, KY. On Tuesday, a single supercell thunderstorm over the lower Ohio Valley spawned four tornadoes, the strongest of which traveled 30 miles across north-central Kentucky, damaging more than 600 homes. After a few tranquil days, rain returned to the central third of the Nation toward week's end (see satellite photo above). Although additional unwelcomed rain overspread the Corn Belt, beneficial showers returned to the South-Central States. On June 1, 2.20 inches pelted Rockford, IL, while 3.54 inches dampened Shreveport, LA.



National Weather Data for Selected Cities

Weather Data for the Week Ending June 1, 1996

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
	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 Jan 1	PCT. NORMAL SINCE Jan 1	TOTAL IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP., °F		PRECIP.		
																90 AND ABOVE	82 AND BELOW	01 INCH OR MORE	06 INCH OR MORE	
AL BIRMINGHAM	82	66	93	58	74	1	3.46	2.49	2.39	0.00	0	31.12	120	96	63	2	0	2	2	
MOBILE	88	69	92	63	78	1	4.07	-1.20	0.03	0.03	18	27.23	100	91	53	3	0	2	0	
MONTGOMERY	84	66	91	63	75	1	4.06	3.07	4.05	0.00	0	31.09	123	93	57	2	0	2	1	
AK ANCHORAGE	64	43	77	41	54	3	0.08	-0.12	0.07	0.00	0	3.22	86	88	43	0	0	2	0	
BARROW	41	30	53	25	36	8	0.06	0.03	0.03	0.00	0	0.68	92	87	82	0	5	3	0	
FAIRBANKS	69	43	78	33	56	1	0.06	-0.15	0.06	0.00	0	2.46	107	87	27	0	0	1	0	
JUNEAU	63	45	70	41	54	4	-	-	-	-	-	-	90	50	0	0	0	-	-	
KODIAK	56	42	66	35	49	2	0.00	-1.26	0.00	0.00	0	17.78	65	88	80	0	0	0	0	
NOME	45	38	57	37	42	0	1.33	1.16	0.57	0.01	50	5.72	173	93	71	0	0	5	2	
AZ PHOENIX	93	67	101	60	80	-3	0.00	-0.02	0.00	0.00	0	1.81	70	32	9	6	0	0	0	
PRESCOTT	78	45	90	34	62	0	0.00	-0.06	0.00	0.00	0	2.19	35	53	20	1	0	0	0	
TUCSON	92	59	97	55	75	-3	0.00	-0.02	0.00	0.00	0	1.13	41	31	8	6	0	0	0	
YUMA	95	66	101	59	80	-3	0.00	0.00	0.00	0.00	0	0.61	63	49	9	6	0	0	0	
AR FORT SMITH	81	63	88	60	72	-1	3.05	1.98	2.17	2.17	1550	20.53	114	91	58	0	0	3	2	
LITTLE ROCK	-	-	-	-	-	-	3.66	2.52	2.74	0.90	600	18.94	85	-	-	-	-	-	-	
CA BAKERSFIELD	86	66	92	49	70	-4	0.00	-0.03	0.00	0.00	0	4.20	113	58	20	2	0	0	0	
EUREKA	59	47	65	43	53	-1	0.00	-0.22	0.00	0.00	0	29.39	144	87	69	0	0	0	0	
FRESNO	84	56	93	51	70	-3	0.00	-0.03	0.00	0.00	0	8.06	117	77	13	1	0	0	0	
LOS ANGELES	70	57	77	56	63	-1	0.00	0.00	0.00	0.00	0	8.72	113	90	46	0	0	0	0	
REDDING	86	57	96	51	71	0	0.24	0.02	0.24	0.00	0	27.36	150	74	23	1	0	1	0	
SACRAMENTO	81	53	93	50	67	-1	0.00	-0.03	0.00	0.00	0	15.79	148	87	36	1	0	0	0	
SAN DIEGO	69	61	75	57	65	0	0.00	-0.03	0.00	0.00	0	3.89	64	75	44	0	0	0	0	
SAN FRANCISCO	67	50	82	49	59	-1	0.00	-0.01	0.00	0.00	0	18.44	152	88	57	0	0	0	0	
CO DENVER	84	44	75	39	54	-8	0.93	0.42	0.72	0.03	43	3.35	51	96	52	0	0	4	1	
GRAND JUNCTION	74	48	79	41	61	-7	0.00	-0.21	0.00	0.00	0	4.13	98	80	24	0	0	0	0	
PUEBLO	74	47	89	38	61	-5	0.29	0.02	0.20	0.00	0	3.73	104	87	38	0	0	2	0	
CT BRIDGEPORT	67	51	78	48	59	-4	0.01	-0.84	0.01	0.00	0	22.92	128	78	43	0	0	1	0	
HARTFORD	72	47	83	42	60	-5	0.08	-0.84	0.08	0.00	0	20.34	110	76	31	0	0	1	0	
DC WASHINGTON	67	52	80	46	59	-12	1.04	0.20	0.36	0.00	0	18.74	123	91	61	0	0	4	0	
FL PANAMA CITY	86	73	87	68	80	4	0.78	-0.32	0.76	0.00	0	19.97	84	90	62	0	0	1	1	
DAYTONA BEACH	87	71	91	69	79	2	2.14	1.07	0.78	0.01	6	23.40	168	92	56	3	0	4	2	
JACKSONVILLE	86	66	92	59	78	-1	0.80	-0.41	0.58	0.01	6	12.58	74	83	57	3	0	2	1	
KEY WEST	87	77	89	74	82	0	0.22	-0.81	0.13	0.13	78	8.57	77	87	67	0	0	2	0	
MIAMI	90	74	93	71	82	2	1.87	-0.02	1.30	0.05	17	16.34	101	89	57	4	0	5	1	
ORLANDO	91	71	94	68	81	2	3.72	2.49	1.38	0.00	0	22.40	157	93	54	5	0	5	3	
TALLAHASSEE	89	68	93	66	78	2	1.42	0.13	1.10	0.00	0	20.24	80	90	52	3	0	2	1	
TAMPA	89	74	90	70	81	2	0.59	-0.39	0.42	0.00	0	15.64	124	86	59	2	0	2	0	
WEST PALM BEACH	87	73	91	71	80	1	2.07	0.27	0.74	0.00	0	13.11	71	92	63	1	0	5	3	
GA ATLANTA	84	65	93	58	75	2	0.89	0.00	0.74	0.00	0	23.80	99	84	47	2	0	4	1	
AUGUSTA	84	58	92	48	71	-3	0.89	-0.23	0.37	0.00	0	13.70	67	92	48	3	0	2	0	
MACON	85	63	93	55	74	-1	2.17	1.35	1.36	0.00	0	18.31	86	98	57	2	0	2	2	
SAVANNAH	85	66	93	62	76	-1	1.25	0.15	1.25	0.00	0	13.26	73	89	52	2	0	1	1	
HI HILO	86	68	87	66	77	2	1.00	-0.87	0.33	0.00	0	52.38	88	88	62	0	0	5	0	
HONOLULU	89	74	91	71	82	4	0.00	-0.19	0.00	0.00	0	7.67	72	76	47	2	0	0	0	
KAHULUI	89	71	90	67	80	3	0.00	-0.09	0.00	0.00	0	12.80	103	76	53	1	0	0	0	
LIHUE	84	75	85	71	80	3	0.00	-0.57	0.00	0.00	0	15.80	78	83	66	0	0	0	0	
ID BOISE	71	45	78	42	58	-3	0.00	-0.22	0.00	0.00	0	7.28	118	80	27	0	0	0	0	
LEWISTON	68	46	77	39	58	-5	0.00	-0.31	0.00	0.00	0	10.43	180	82	34	0	0	0	0	
POCATELLO	63	40	71	34	52	-6	1.12	0.83	0.69	0.00	0	7.08	121	91	43	0	0	3	1	
IL CHICAGO	63	44	74	36	54	-10	2.69	1.90	1.45	0.56	467	13.57	106	94	50	0	0	4	2	
MOLINE	65	50	78	39	58	-9	2.98	2.02	2.35	0.43	307	15.24	107	93	59	0	0	4	1	
PEORIA	67	50	78	42	58	-8	2.84	1.98	1.68	0.75	577	15.18	112	89	55	0	0	4	2	
QUINCY	67	52	74	43	60	-8	1.67	0.68	1.36	0.24	185	9.37	64	92	64	0	0	3	1	
ROCKFORD	65	45	74	36	55	-9	7.30	6.38	4.75	2.20	1571	19.28	154	92	55	0	0	4	2	
SPRINGFIELD	70	54	76	45	62	-6	1.38	0.58	0.67	0.80	545	17.97	128	96	61	0	0	3	2	
IN EVANSVILLE	76	58	86	47	67	-4	1.69	0.73	0.75	0.75	577	30.44	149	91	59	0	0	5	2	
FORT WAYNE	67	48	79	42	58	-8	2.50	1.70	1.05	0.30	250	16.34	119	88	48	0	0	5	2	
INDIANAPOLIS	68	53	74	46	61	-7	2.02	1.17	1.00	0.23	208	23.47	142	90	62	0	0	4	1	
SOUTH BEND	67	47	78	38	57	-7	1.78	0.98	0.84	0.43	331	17.08	117	88	45	0	0	4	1	
IA DES MOINES	62	51	70	47	56	-9	3.61	2.60	1.03	1.03	687	15.80	130	94	66	0	0	5	4	
SIoux CITY	65	50	76	46	58	-8	2.54	1.66	1.08	0.04	31	9.31	98	94	62	0	0	5	3	
WATERLOO	64	49	72	46	57	-8	2.07	1.10	0.98	0.85	607	10.94	92	93	61	0	0	4	2	
KS CONCORDIA	67	53	78	47	60	-8	4.57	3.50	2.67	0.28	173	10.53	101	97	64	0	0	3	2	
DODGE CITY	74	51	86	44	63	-6	1.31	0.59	1.21	0.03	30	6.21	78	92	54	0	0	3	1	
GOODLAND	64	47	76	40	56	-8	1.94	1.10	1.41	0.20	182	6.57	95	92	63	0	0	3	1	
TOPEKA	71	58	81	49	64	-5	5.80	4.61	3.21	1.11	584	12.65	102	98	60	0	0	3	3	
WICHITA	75	54	83	50	65	-5	2.27	1.07	1.47	0.00	0	7.87	64	91	54	0	0	2	2	
KY BOWLING GREEN	79	61	89	51	70	0	2.13	1.06	1.09	0.00	0	25.2								

Weather Data for the Week Ending June 1, 1996

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS						
	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 Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL, IN., SINCE Jun 1	PCT. NORMAL SINCE Jun 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	92 AND BELOW	TEMP. °F		PRECIP.	
																		01 INCH OR MORE	05 INCH OR MORE		
ME CARIBOU	86	40	82	37	52	-4	0.88	-0.02	0.26	0.00	0	16.57	125	85	34	0	0	3	0		
ME PORTLAND	85	41	78	35	53	-5	0.41	-0.39	0.29	0.00	0	21.22	116	91	47	0	0	2	0		
MD BALTIMORE	84	46	77	38	56	-13	1.40	0.54	0.56	0.00	0	22.30	134	93	61	0	0	4	1		
MD SALISBURY	86	48	77	43	57	-11	1.39	0.56	0.82	0.00	0	21.61	118	96	57	0	0	4	1		
MA BOSTON	87	51	77	46	59	-4	0.63	-0.09	0.63	0.00	0	20.16	112	75	40	0	0	1	1		
MA CHATHAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MI ALPENA	89	36	76	33	53	-4	0.00	-0.67	0.00	0.00	0	7.33	72	88	30	0	0	0	0		
MI DETROIT	89	47	78	40	58	-5	0.02	-0.71	0.02	0.00	0	11.38	94	80	37	0	0	1	0		
MI FLINT	89	42	80	33	55	-6	0.00	-0.65	0.00	0.00	0	10.07	95	89	30	0	0	0	0		
MI GRAND RAPIDS	89	44	80	34	58	-6	0.23	-0.53	0.21	0.21	175	10.36	82	80	35	0	0	2	0		
MI HOUGHTON LAKE	70	38	79	31	54	-5	0.00	-0.65	0.00	0.00	0	8.54	88	72	25	0	1	0	0		
MI LANSING	89	41	80	31	56	-7	0.03	-0.68	0.03	0.00	0	9.57	88	90	36	0	1	1	0		
MI MARQUETTE	88	38	80	30	53	-2	0.34	-0.42	0.34	0.34	309	18.79	149	80	24	0	2	1	0		
MI MUSKEGON	88	43	81	35	58	-5	0.37	-0.19	0.28	0.28	360	10.35	88	74	33	0	0	2	0		
MI SAULT ST. MARIE	89	35	76	31	52	-3	0.00	-0.68	0.00	0.00	0	12.68	108	81	25	0	1	0	0		
MN ALEXANDRIA	70	48	76	44	59	-2	0.85	0.04	0.85	0.00	0	7.09	85	75	32	0	0	1	1		
MN DULUTH	64	42	70	32	53	-2	0.00	-0.80	0.00	0.00	0	6.26	68	78	33	0	1	0	0		
MN INT'L FALLS	74	44	77	37	59	2	0.02	-0.71	0.02	0.00	0	7.33	107	72	25	0	0	1	0		
MN MINNEAPOLIS	69	50	76	46	59	-4	0.06	-0.81	0.06	0.06	46	6.69	68	67	34	0	0	1	0		
MN ROCHESTER	86	47	73	43	56	-5	1.41	0.60	0.98	0.98	817	9.49	98	78	47	0	0	2	1		
MS GREENWOOD	87	68	93	80	78	2	-	-	-	-	-	-	-	91	55	2	0	-	-		
MS JACKSON	88	68	93	57	78	3	0.96	-0.06	0.83	0.83	638	27.02	99	92	51	3	0	3	1		
MS MERIDIAN	87	66	94	57	76	1	3.12	2.25	3.04	0.03	25	25.08	92	99	59	2	0	3	1		
MO CAPE GIRARDEAU	79	63	92	56	71	0	2.16	1.11	1.47	0.69	493	19.74	93	91	53	1	0	2	2		
MO COLUMBIA	73	56	80	50	65	-2	2.28	1.23	2.09	0.13	93	18.48	122	93	64	0	0	3	1		
MO KANSAS CITY	69	56	78	52	63	-6	6.68	5.50	3.34	0.89	524	16.79	120	97	65	0	0	3	3		
MO SAINT LOUIS	75	60	83	53	68	-3	1.68	0.78	1.33	0.35	269	19.49	128	85	55	0	0	2	1		
MO SPRINGFIELD	72	57	85	48	64	-4	1.73	0.52	0.79	0.43	226	15.40	92	95	61	0	0	3	2		
MT BILLINGS	82	45	71	42	54	-6	0.40	-0.18	0.37	0.00	0	7.27	101	86	46	0	0	2	0		
MT GLASGOW	66	47	69	43	58	-3	0.28	-0.22	0.11	0.11	157	2.70	75	86	39	0	0	3	0		
MT GREAT FALLS	82	41	66	37	52	-5	0.74	0.13	0.27	0.00	0	4.78	71	92	47	0	0	4	0		
MT HAVRE	66	45	71	39	56	-4	0.36	-0.05	0.20	0.00	0	4.07	95	90	43	0	0	4	0		
MT HELENA	64	41	69	35	53	-4	0.82	0.17	0.30	0.00	0	4.64	99	90	41	0	0	4	0		
MT KALISPELL	61	42	71	37	51	-3	0.95	0.44	0.79	0.00	0	13.26	197	92	52	0	0	3	1		
MT MILES CITY	64	47	76	44	58	-6	0.80	0.19	0.41	0.00	0	8.83	159	89	48	0	0	3	0		
MT MISSOULA	66	40	75	31	53	-3	0.93	0.48	0.74	0.00	0	8.25	140	93	38	0	1	3	1		
NE GRAND ISLAND	64	51	77	45	57	-9	3.79	2.85	2.58	0.02	14	11.87	120	94	65	0	0	4	2		
NE LINCOLN	66	52	78	45	59	-8	2.74	1.80	2.23	0.06	38	15.44	160	98	66	0	0	5	1		
NE NORFOLK	64	50	74	45	57	-9	2.24	1.26	1.23	0.00	0	7.39	79	95	57	0	0	3	2		
NE NORTH PLATTE	63	45	76	38	54	-9	2.32	1.50	1.59	0.00	0	5.78	75	94	66	0	0	3	1		
NE OMAHA	66	51	78	46	59	-8	2.08	1.05	1.01	0.08	57	14.63	136	95	59	0	0	4	1		
NE SCOTTSBLUFF	61	44	74	38	52	-9	2.19	1.53	1.08	0.00	0	7.24	110	95	80	0	0	4	1		
NE VALENTINE	63	45	79	42	54	-10	2.38	1.53	1.13	0.00	0	7.02	87	98	60	0	0	3	2		
NV ELY	64	37	74	31	50	-4	0.82	0.57	0.65	0.00	0	4.37	96	87	26	0	1	3	1		
NV LAS VEGAS	87	62	96	55	75	-4	0.10	0.05	0.10	0.00	0	0.51	28	43	8	2	0	1	0		
NV RENO	73	39	82	35	56	-5	0.07	-0.09	0.07	0.00	0	6.35	162	87	27	0	0	1	0		
NV WINNEMUCCA	72	38	81	35	55	-4	0.65	0.45	0.65	0.00	0	5.48	141	91	24	0	0	1	1		
NH CONCORD	70	38	82	32	54	-6	1.00	0.28	0.71	0.00	0	19.97	142	94	33	0	1	2	1		
NJ ATLANTIC CITY	84	47	78	41	58	-9	0.49	-0.18	0.21	0.00	0	19.05	111	92	54	0	0	3	0		
NM ALBUQUERQUE	82	53	86	42	68	-2	0.02	-0.09	0.02	0.00	0	0.41	17	29	8	0	0	1	0		
NM CLOVIS	82	56	92	46	69	0	0.00	-0.56	0.00	0.00	0	1.00	23	79	32	1	0	0	0		
NM ROSWELL	92	61	99	54	77	3	0.00	-0.31	0.00	0.00	0	0.54	20	47	8	6	0	0	0		
NY ALBANY	70	45	79	39	57	-5	0.05	-0.78	0.05	0.00	0	16.69	117	86	33	0	0	1	0		
NY BINGHAMTON	63	42	75	36	53	-7	0.08	-0.71	0.04	0.00	0	16.33	114	90	46	0	0	2	0		
NY BUFFALO	67	46	79	42	58	-5	0.00	-0.77	0.00	0.00	0	16.72	120	79	31	0	0	0	0		
NY NEW YORK	68	54	81	50	61	-5	0.21	-0.62	0.11	0.00	0	17.35	100	78	46	0	0	2	0		
NY ROCHESTER	67	44	79	37	56	-6	0.00	-0.65	0.00	0.00	0	15.27	127	86	32	0	0	0	0		
NY SYRACUSE	68	43	77	39	56	-6	0.00	-0.79	0.00	0.00	0	14.31	101	80	32	0	0	0	0		
NC ASHEVILLE	75	56	83	42	66	-1	1.04	-0.14	0.70	0.00	0	17.83	77	92	58	0	0	2	1		
NC CHARLOTTE	79	59	87	51	69	-3	1.40	0.54	1.01	0.00	0	17.87	96	88	52	0	0	4	1		
NC GREENSBORO	74	53	86	46	64	-6	1.90	0.98	1.77	0.00	0	19.01	110	94	51	0	0	4	1		
NC HATTERAS	73	60	80	52	67	-4	0.44	-0.50	-	0.00	0	-	-	89	61	0	0	-	-		
NC NEW BERN	82	61	91	51	72	-1	0.51	-0.63	0.49	0.00	0	15.43	75	93	48	1	0	2	0		
NC RALEIGH	78	55	88	44	65	-5	1.20	0.28	0.68	0.00	0	17.19	97	95	60	0	0	4	1		
NC WILMINGTON	81	61																			

Weather Data for the Week Ending June 1, 1996

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS						
	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 JUN 1	PCT. NORMAL SINCE JUN 1	TOTAL IN, SINCE JUN 1	PCT. NORMAL SINCE JUN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	92 AND BELOW	TEMP. °F		PRECIP.	
																		.01 INCH OR MORE	.05 INCH OR MORE		
OK TOLEDO	67	47	81	40	57	-8	0.25	-0.49	0.25	0.00	0	13.00	106	80	46	0	0	1	0		
OK YOUNGSTOWN	64	43	78	36	53	-9	0.12	-0.73	0.08	0.00	0	16.79	119	89	48	0	0	0	0		
OK OKLAHOMA CITY	80	59	84	54	70	-2	2.36	1.13	0.00	0.82	541	7.09	52	87	54	0	0	0	0		
OR TULSA	80	59	89	53	70	-3	3.16	1.90	1.94	1.94	1141	8.20	49	88	52	0	0	2	2		
OR ASTORIA	60	48	70	41	54	-1	0.13	-0.49	0.06	0.00	0	42.41	131	90	84	0	0	0	3		
OR BURNS	67	36	74	31	52	-2	0.00	-0.22	0.00	0.00	0	7.18	161	80	24	0	2	0	0		
OR MEDFORD	74	45	87	38	60	-2	0.00	-0.19	0.00	0.00	0	14.11	163	87	29	0	0	0	0		
OR PENDLETON	71	47	79	41	59	-3	0.02	-0.17	0.02	0.00	0	8.29	140	80	28	0	0	1	0		
OR PORTLAND	66	50	79	48	58	-2	0.87	0.44	0.60	0.00	0	30.57	178	88	48	0	0	2	1		
PA SALEM	66	46	80	39	56	-2	0.08	-0.31	0.08	0.00	0	32.22	169	90	50	0	0	1	0		
PA ALLENTOWN	66	45	79	37	56	-9	0.24	-0.69	0.24	0.00	0	20.19	116	83	43	0	0	1	0		
PA ERIE	64	45	76	36	55	-7	0.06	-0.81	0.03	0.00	0	16.30	113	81	43	0	0	2	0		
PA HARRISBURG	66	50	80	44	58	-8	1.43	0.46	0.00	0.00	0	19.35	116	86	46	0	0	0	0		
PA PHILADELPHIA	66	51	77	46	59	-7	0.39	-0.59	0.30	0.00	0	17.48	94	88	46	0	0	4	0		
PA PITTSBURGH	69	47	82	40	58	-6	0.60	-0.24	0.44	0.00	0	18.14	118	86	46	0	0	2	0		
PA SCRANTON	66	43	78	37	55	-8	0.22	-0.67	0.16	0.00	0	19.83	143	85	37	0	0	2	0		
RI PROVIDENCE	67	48	81	43	58	-4	0.34	-0.47	0.34	0.00	0	18.04	92	83	41	0	0	1	0		
RI CHARLESTON	63	64	89	56	74	-2	1.10	-0.09	0.90	0.00	0	10.76	59	91	56	0	0	3	1		
RI COLUMBIA	84	62	91	49	73	-2	2.27	1.32	1.56	0.00	0	15.73	76	91	46	2	0	3	2		
RI FLORENCE	83	62	89	52	72	-2	1.97	1.07	1.33	0.00	0	10.76	62	96	50	0	0	2	2		
SD GREENVILLE	78	59	85	50	69	-3	0.77	-0.30	0.66	0.00	0	26.07	111	93	58	0	0	2	1		
SD ABERDEEN	68	47	78	40	58	-4	0.55	-0.17	0.34	0.00	0	7.72	107	86	43	0	0	3	0		
SD HURON	67	49	80	42	58	-4	1.42	0.69	0.97	0.00	0	6.93	86	91	56	0	0	4	1		
SD RAPID CITY	60	44	72	40	52	-8	4.32	3.63	1.75	0.00	0	11.96	178	97	65	0	0	3	3		
SD SIOUX FALLS	66	48	76	44	57	-7	2.16	1.41	0.87	0.00	0	7.81	91	94	51	0	0	4	2		
TN CHATTANOOGA	83	62	90	57	73	2	0.39	-0.51	0.24	0.00	0	24.88	101	91	50	2	0	2	0		
TN KNOXVILLE	80	60	86	54	70	1	1.93	1.00	0.93	0.00	0	24.42	114	91	56	0	0	3	2		
TN MEMPHIS	84	65	91	60	74	-1	4.10	3.12	1.72	1.06	815	24.15	100	94	56	1	0	4	3		
TX NASHVILLE	82	63	90	54	73	1	1.31	0.31	0.89	0.00	0	19.72	91	85	56	1	0	2	1		
TX ABILENE	89	66	94	60	78	2	1.41	0.69	1.41	0.00	0	6.49	75	79	43	3	0	1	1		
TX AMARILLO	80	53	87	44	66	-3	1.37	0.62	0.88	0.00	0	2.23	39	89	33	0	0	2	1		
TX AUSTIN	93	74	97	67	83	5	1.78	0.69	1.01	0.00	0	4.94	37	96	51	6	0	3	2		
TX BEAUMONT	88	75	91	70	82	4	0.16	-1.21	0.16	0.00	0	7.22	34	97	72	2	0	1	0		
TX BROWNSVILLE	93	79	94	78	86	4	0.00	-0.72	0.00	0.00	0	0.79	10	90	58	7	0	0	0		
TX CORPUS CHRISTI	90	79	91	77	84	4	0.00	-0.83	0.00	0.00	0	2.86	29	90	81	6	0	0	0		
TX DEL RIO	96	73	101	70	86	6	1.34	0.60	1.15	0.00	0	2.41	26	81	38	7	0	2	1		
TX EL PASO	91	62	96	56	76	0	0.00	-0.06	0.00	0.00	0	0.78	48	22	7	4	0	0	0		
TX FORT WORTH	92	72	99	63	82	7	0.87	-0.22	0.67	0.67	479	7.48	46	81	44	4	0	3	1		
TX GALVESTON	86	80	89	78	84	6	0.00	-0.94	0.00	0.00	0	1.76	13	86	84	0	0	0	0		
TX HOUSTON	94	76	99	69	85	8	0.00	-1.38	0.00	0.00	0	4.90	26	86	56	7	0	0	0		
TX LUBBOCK	81	58	90	51	69	-4	1.73	1.11	0.94	0.00	0	2.86	53	81	36	1	0	2	2		
TX MIDLAND	92	66	98	58	79	2	0.10	-0.37	0.10	0.00	0	1.53	33	70	20	5	0	1	0		
TX SAN ANGELO	96	67	99	61	81	4	0.67	-0.02	0.66	0.00	0	5.07	88	82	33	6	0	2	1		
TX SAN ANTONIO	94	74	98	67	84	6	0.32	-0.69	0.30	0.30	200	2.70	22	89	45	7	0	2	0		
TX VICTORIA	94	77	96	73	86	7	0.04	-1.06	0.04	0.04	25	1.53	10	90	49	7	0	1	0		
TX WACO	94	73	99	69	84	6	0.80	-0.19	0.51	0.00	0	5.83	41	86	43	6	0	2	1		
TX WICHITA FALLS	89	64	96	58	76	2	0.00	-1.03	0.00	0.00	0	2.31	17	83	36	4	0	0	0		
UT CEDAR CITY	73	45	80	41	59	-2	0.15	0.02	0.15	0.00	0	4.90	100	62	19	0	0	1	0		
UT SALT LAKE CITY	68	48	75	44	58	-5	0.56	0.24	0.22	0.00	0	10.87	131	88	42	0	0	5	0		
VT BURLINGTON	69	39	80	34	54	-7	1.12	0.37	0.67	0.00	0	18.10	154	91	31	0	0	3	1		
VA NORFOLK	67	54	74	49	60	-10	0.81	-0.06	0.67	0.00	0	20.58	114	93	63	0	0	4	1		
VA RICHMOND	67	52	76	48	59	-11	0.51	-0.35	0.37	0.00	0	14.59	86	93	57	0	0	4	0		
VA ROANOKE	70	51	79	44	61	-7	1.32	0.47	0.93	0.00	0	19.27	116	92	54	0	0	4	1		
WA QUILLAYUTE	81	46	85	36	53	0	0.39	-0.59	0.39	0.39	300	48.00	93	90	62	0	0	1	0		
WA SEATTLE-TACOMA	85	48	74	44	57	-1	0.01	-0.36	0.01	0.00	0	25.15	148	86	44	0	0	1	0		
WA SPOKANE	64	41	73	37	53	-5	0.00	-0.33	0.00	0.00	0	10.48	137	89	42	0	0	0	0		
WA YAKIMA	73	43	82	35	58	-3	0.10	-0.02	0.07	0.00	0	5.15	141	78	26	0	0	2	0		
WV BECKLEY	73	53	79	42	63	0	1.24	0.35	0.55	0.00	0	22.65	134	92	54	0	0	5	1		
WV CHARLESTON	75	54	81	42	64	-3	2.43	1.57	1.01	0.00	0	24.17	142	99	60	0	0	4	2		
WV HUNTINGTON	75	55	81	45	66	-1	1.24	0.37	0.88	0.00	0	24.45	139	99	61	0	0	4	1		
WV PARKERSBURG	69	50	81	41	60	-7	1.30	0.45	0.50	0.00	0	21.50	123	97	53	0	0	4	1		
WI GREEN BAY	69	44	77	39	57	-3	0.83	0.11	0.83	0.83	756	9.79	101	80	30	0	0	1	1		
WI LACROSSE	71	49	77	44	60	-4	1.22	0.41	0.00	0.00	800	9.90	98	80	34	0	0	0	0		
WI MADISON	66	43	73	31	56	-8	1.04	0.26	0.86	0.86	717	10.61	96	83	43	0	1	3	1		
WI MILWAUKEE	60	43	69	38	51	-8	0.94	0.28	0.92	0.92	920	9.42	77	78	48	0	0	2	1		
WI WAUSAU	71	46	75	39	58	-2	0.97	0.08	0.97	0.97	746	9.47	91	89	28	0	0	1	1		
WY CASPER	80	38	71	34	49	-8	0.52	0.08	0.24	0.00	0	4.00	68	96	49	0	0	5	0		
WY CHEYENNE	57	39	71	34	48	-8	0.58	0.04	0.52	0.00	0	5.83	102	96	55	0	0	3	1		
WY LANDER	61	40	70	37	50	-7	0.15	-0.31	0.11	0.00	0	5.85	87	87	40	0	0	3	0		
WY SHERIDAN	61	40	70	35	51	-6	0.75	0.17	0.55	0.00	0	7.08	106	88	52	0	0	3	1		
PR SAN JUAN	88	77	90	76	82	1	-	-	-	-	-	-	-	85	63	1	0	-	-		

Based on 1961-90 normals

National Agricultural Summary

May 27 - June 2, 1996

HIGHLIGHTS

Another cool, wet week over the Midwest slowed fieldwork and prevented producers from completing corn planting. Severe storms brought substantial rains that caused flooding along tributaries and river bottoms. Where possible, farmers made significant progress, but row crop planting remained behind normal. Rain, atop saturated fields in Illinois, Indiana, and Iowa, left fewer than 2 days available for fieldwork and forced some producers to decide between planting shorter season corn varieties or switching to soybeans. The continued wet weather caused crusting, soil erosion, and

ponding in low-lying areas, making weed eradication difficult. Producers reported substantial replanting of corn will be necessary across most of the Corn Belt, if time permits. Rains across the southern Great Plains brought drought relief to dryland crops, but the storm system also included hail that damaged some fields. Rainfall over the Southeastern States brought an end to May dryness and improved crop conditions. Drought conditions persisted in the Southwest restricting dryland planting progress and causing irrigation water to be rationed.

The Nation's **winter wheat** crop was in mostly fair to good condition, with 77 percent (%) of the acreage heading. Wheat headed in Ohio at 22% complete was 46 percentage points behind normal. Wheat headed in Washington at 28% complete was up 8 points from the previous week, but 28 points behind the 5-year average. Wheat producers in Arkansas were preparing combines for harvest. Rain and scattered hail damage was reported in Colorado, with some wheat fields reported as completely destroyed. Harvest activity in Texas was slightly ahead of normal with some better than expected yields reported. Growers in Washington State sprayed for leaf rust.

Spring wheat seeding was 85% complete, up 17 points from last week and 11 points below the average. Spring wheat producers in Idaho reported that some fields could not be planted in time due to wet field conditions. Spring wheat planting was 75% complete in Minnesota, 23 points behind the average. Spring wheat planting was 1 week behind normal in North Dakota. Fifty-nine percent of the spring wheat crop was emerged, 26 points behind normal. Producers in the Pacific Northwest sprayed for aphids.

Corn planting was 86% complete for the 17 major producing States, up 8 points from the previous week and 5 points behind the average. Wet, cool weather over most of the Midwest slowed corn development. Corn producers in Illinois were concerned about replanting corn that was already replanted once due to poor germination. Corn planting in Indiana at 58% complete was 19 days behind normal, with more replanting expected. Corn planting advanced over 29 points from last week in Michigan and Ohio to 72 and 65% complete, respectively. Clear weather allowed Ohio corn producers to make good progress, but corn planting was still 31 points behind the average. Poor corn emergence in Iowa has compelled producers to decide between replanting to corn or switching to soybeans. In Wisconsin, corn emergence was slow and plants were yellowed from the continued cool, wet weather.

Cotton planting was 81% complete, up 4 points from last week and 4 points behind the average for the Nation. Cotton planting in Oklahoma at 59% complete was up 29 points from last week and 7 points behind normal. In Arkansas, cotton fields were treated for thrips. Continued dry conditions in the Southwestern States caused heat stress in some cotton fields. In the Texas High Plains, some cotton fields suffered heavy damage from hail and high winds and will require replanting. Cotton condition was mostly good to fair for the 14 major producing States.

Sorghum planting was 55% complete for the 12 major producing States, up 6 points from last week. Sorghum planting in Nebraska at 43% complete was 20 points behind the average. In Illinois, sorghum planting at 19% complete was 28 points behind normal. Sorghum planting in Kansas at 48% complete made limited progress from last week due to the wet field conditions.

Rice seeding was 98% complete, up 5 points from last week and 6 points ahead of the average for the 5 major producing States. In Arkansas, rice producers continued to flood fields, with some levee damage reported as a result of the heavy rains. Emerged rice fields in California were fertilized and sprayed for weeds and insects. Texas rice producers reported insect activity was on the rise along the Upper Coast. Rice emerged was 91% complete, 11 points ahead of the average.

Soybean planting was 45% complete, 18 points behind normal. Scattered rain and wet fields slowed soybean planting in the Midwest. Soybean planting was slowed by cool, wet weather that limited fieldwork and delayed corn planting, causing some producers to postpone soybean planting until they completed corn planting. Soybean planting lagged more than 30 points in Illinois, Indiana, Michigan, and Ohio. Indiana soybean producers increased plantings by 9 points from last week to 25% complete, 20 days behind the average. Soybean planting in Ohio at 24% complete was 60 points behind normal.

Crop Progress and Condition

Week Ending June 2, 1996

Winter Wheat Percent Headed

	Jun 2 1996	Prev Week	Prev Year	5-Yr Avg
AR	100	100	100	100
CA	99	99	99	99
CO	80	30	59	72
GA	100	100	100	100
ID	6	1	8	13
IL	81	59	94	93
IN	60	50	86	84
KS	98	90	96	99
MI	1	0	6	20
MO	90	75	92	93
MT	2	0	2	5
NE	35	15	34	71
NC	100	99	99	99
OH	22	19	69	68
OK	100	100	100	100
OR	59	42	63	69
SD	2	0	1	32
TX	99	97	97	97
WA	28	20	55	56
ALL	77	68	78	83

These 19 States produced 92% of the 1995 winter wheat crop.

Soybeans Percent Planted

	Jun 2 1996	Prev Week	Prev Year	5-Yr Avg
AL	60	46	56	50
AR	58	44	43	38
GA	46	33	44	42
IL	31	27	14	68
IN	25	16	37	76
IA	58	57	55	68
KS	52	43	4	41
KY	19	14	23	36
LA	87	73	67	56
MI	37	16	67	76
MN	66	35	74	74
MS	93	84	75	49
MO	31	26	10	43
NE	52	43	28	73
NC	40	37	44	51
OH	24	14	52	84
SC	32	22	32	36
SD	41	29	26	64
TN	35	27	31	31
ALL	45	35	39	63

These 19 States produced 94% of the 1995 soybean crop.

Corn Percent Planted

	Jun 2 1996	Prev Week	Prev Year	5-Yr Avg
CO	99	97	72	90
GA	100	99	100	100
IL	84	77	58	89
IN	58	45	67	92
IA	96	95	84	90
KS	100	99	82	94
KY	86	78	84	92
MI	72	43	90	94
MN	93	79	93	92
MO	91	90	36	80
NE	97	95	82	95
NC	100	99	100	100
OH	65	39	83	96
PA	74	59	85	85
SD	79	67	52	82
TX	99	98	100	100
WI	84	65	90	90
ALL	86	78	78	91

These 17 States produced 91% of the 1995 corn crop.

Rice Percent Planted

	Jun 2 1996	Prev Week	Prev Year	5-Yr Avg
AR	98	96	97	92
CA	90	70	77	89
LA	100	99	99	95
MS	100	100	100	84
TX	100	99	97	98
ALL	98	93	95	92

These 5 States produced 96% of the 1995 rice crop.

Spring Wheat Percent Planted

	Jun 2 1996	Prev Week	Prev Year	5-Yr Avg
ID	98	94	98	99
MN	75	45	94	98
MT	95	88	96	98
ND	81	60	73	94
SD	95	87	94	99
ALL	85	68	84	96

These 5 States produced 96% of the 1995 spring wheat crop.

Cotton Percent Planted

	Jun 2 1996	Prev Week	Prev Year	5-Yr Avg
AL	97	93	99	93
AZ	99	99	100	100
AR	99	98	99	95
CA	100	99	99	100
GA	94	86	94	92
LA	100	100	99	95
MS	100	99	99	92
MO	99	95	94	95
NM	90	87	92	96
NC	99	97	98	97
OK	59	30	62	66
SC	99	95	92	97
TN	99	95	99	89
TX	56	50	66	70
ALL	81	77	85	85

These 14 States produced 99% of the 1995 cotton crop.

Rice Percent Emerged

	Jun 2 1996	Prev Week	Prev Year	5-Yr Avg
AR	95	83	93	82
CA	60	30	41	58
LA	100	93	98	92
MS	100	99	98	76
TX	91	88	86	89
ALL	91	79	86	80

These 5 States produced 96% of the 1995 rice crop.

Spring Wheat Percent Emerged

	Jun 2 1996	Prev Week	Prev Year	5-Yr Avg
ID	91	85	98	93
MN	47	30	63	89
MT	77	59	77	85
ND	47	27	38	82
SD	87	74	79	95
ALL	59	41	56	85

These 5 States produced 96% of the 1995 spring wheat crop.

Crop Progress and Condition

Week Ending June 2, 1996

Oats Percent Planted

	Jun 2 1996	Prev Week	Prev Year	5-Yr Avg
IA	100	100	99	99
MI	97	85	99	100
MN	97	92	96	98
NE	100	100	100	100
ND	79	56	67	93
OH	95	79	100	100
PA	95	89	97	99
SD	95	89	93	98
WI	98	77	100	100
ALL	94	84	92	98

These 9 States produced 56% of the 1995 oat crop.

Oats Percent Emerged

	Jun 2 1996	Prev Week	Prev Year	5-Yr Avg
IA	100	96	96	96
MI	75	50	92	91
MN	90	78	82	93
NE	100	100	NA	NA
ND	42	21	33	80
OH	78	64	99	99
PA	82	69	NA	NA
SD	83	66	78	93
WI	84	57	NA	NA
ALL	81	66	74	91

These 9 States produced 56% of the 1995 oat crop.

Peanuts Percent Planted

	Jun 2 1996	Prev Week	Prev Year	5-Yr Avg
AL	97	93	100	94
FL	93	90	NA	NA
GA	98	93	99	97
NC	95	90	98	97
OK	71	58	48	54
SC	98	95	87	93
TX	57	45	38	30
VA	98	86	100	99
ALL	88	81	84	81

These 8 States produced 99% of the 1995 peanut crop.

Barley Percent Planted

	Jun 2 1996	Prev Week	Prev Year	5-Yr Avg
ID	95	89	98	98
MN	71	34	89	97
MT	93	91	90	96
ND	86	66	71	94
SD	95	87	92	98
WA	95	92	100	100
ALL	88	74	84	96

These 6 States produced 82% of the 1995 barley crop.

Barley Percent Emerged

	Jun 2 1996	Prev Week	Prev Year	5-Yr Avg
ID	86	78	82	88
MN	45	22	61	87
MT	73	57	67	81
ND	50	24	37	83
SD	82	61	72	92
WA	85	76	98	98
ALL	63	43	58	85

These 6 States produced 82% of the 1995 barley crop.

Sorghum Percent Planted

	Jun 2 1996	Prev Week	Prev Year	5-Yr Avg
AR	98	94	92	89
CO	48	40	6	26
IL	19	5	4	47
KS	48	40	4	35
LA	99	97	90	85
MS	96	94	96	80
MO	55	49	28	54
NE	43	38	14	63
NM	25	10	39	34
OK	45	40	17	41
SD	18	8	11	40
TX	75	71	82	81
ALL	55	49	34	55

These 12 States produced 98% of the 1995 sorghum crop.

Winter Wheat Crop Condition by Percent

	VP	P	F	G	EX
AR	1	4	21	55	19
CA	0	0	5	60	35
CO	12	17	31	33	7
GA	0	3	26	60	11
ID	1	3	22	47	27
IL	15	34	34	17	0
IN	7	22	41	26	4
KS	26	34	27	13	0
MI	8	24	36	25	7
MO	16	29	35	18	2
MT	2	12	30	47	9
NE	5	15	52	27	1
NC	0	2	28	67	3
OH	9	20	37	30	4
OK	25	24	35	16	0
OR	0	0	5	38	57
SD	9	19	33	34	5
TX	26	32	33	9	0
WA	0	0	5	65	30
ALL	17	23	29	25	6
Prev Wk	21	24	26	23	6
Prev Yr	6	12	31	41	10

Cotton Crop Condition by Percent

	VP	P	F	G	EX
AL	0	4	63	31	2
AZ	1	2	5	35	57
AR	0	2	21	67	10
CA	0	0	5	90	5
GA	0	3	26	65	6
LA	0	2	37	59	2
MS	0	2	14	57	27
MO	0	0	36	59	5
NM	2	5	24	40	29
NC	0	1	20	70	9
OK	0	8	35	55	2
SC	0	5	35	57	3
TN	0	1	24	63	12
TX	8	19	44	28	1
ALL	3	9	32	49	7
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	0	5	37	52	6

Crop Progress and Condition

Week Ending June 2, 1996

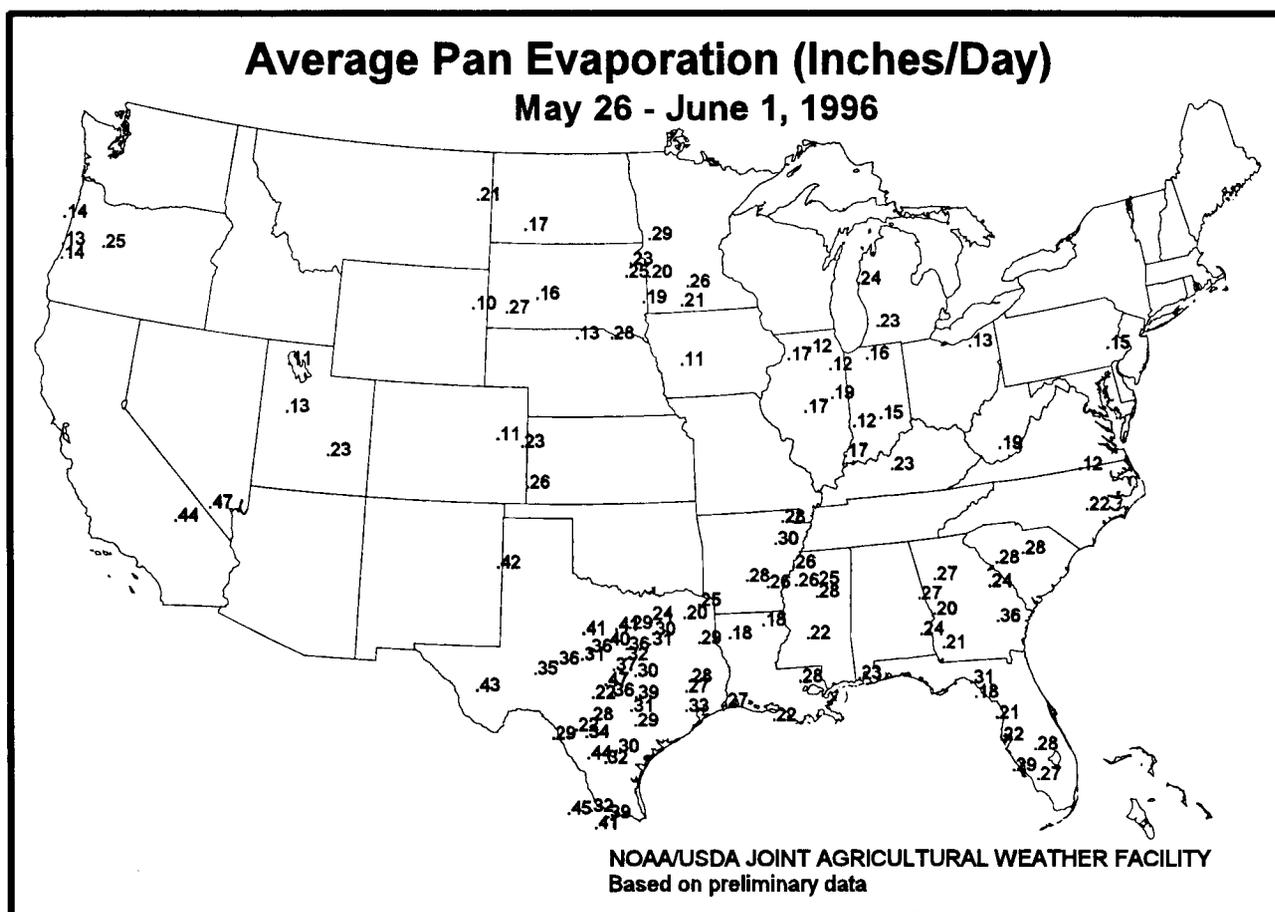
Corn Crop Condition by Percent					
	VP	P	F	G	EX
CO	2	2	22	61	13
GA	0	8	39	51	2
IL	1	12	45	38	4
IN	6	16	44	32	2
IA	1	8	35	51	5
KS	1	2	28	63	6
KY	1	4	41	41	13
MI	3	10	40	41	6
MN	0	10	40	40	10
MO	1	14	44	37	4
NE	0	4	29	59	8
NC	0	2	16	75	7
OH	1	10	44	37	8
PA	0	5	33	54	8
SD	0	0	40	50	10
TX	14	26	34	26	0
WI	3	8	35	49	5
ALL	2	9	38	45	6
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	NA	NA	NA	NA	NA

Oats Crop Condition by Percent					
	VP	P	F	G	EX
IA	0	3	27	64	6
MI	2	6	44	40	8
MN	0	3	27	60	10
NE	0	3	37	49	11
ND	0	1	13	80	6
OH	3	9	47	32	9
PA	0	6	30	58	6
SD	1	2	24	69	4
WI	0	3	27	57	13
ALL	0	3	26	63	8
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	NA	NA	NA	NA	NA

Rice Crop Condition by Percent					
	VP	P	F	G	EX
AR	0	3	16	61	20
CA	0	0	30	65	5
LA	0	4	47	44	5
MS	1	11	25	42	21
TX	0	3	40	50	7
ALL	0	3	28	55	14
Prev Wk	0	3	26	59	12
Prev Yr	0	5	20	59	16

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

*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/."

ALABAMA: Days suitable for fieldwork 4.2. Topsoil moisture, 20% short, 80% adequate. Corn 17% silked, 12% 1995, 14% avg. Corn 10% very poor, 8% poor, 44% fair, 42% good, 5% excellent. Wheat 27% harvested, 29% 1995, 18% avg. Wheat 1% very poor, 6% poor, 47% fair, 42% good, 4% excellent. Pasture 2% very poor, 11% poor, 57% fair, 30% good. Livestock 7% poor, 54% fair, 35% good, 4% excellent. Rain over the weekend should improve conditions in many areas.

ALASKA: Days suitable for fieldwork 7.0. Topsoil moisture supplies were 80% short, 20% adequate. Subsoil moisture supplies were 40% short, 60% adequate. Crop growth was 40% slow, 45% moderate, 15% rapid. Potato planting was 85% complete statewide, emergence had not begun. Barley, oat emergence avg 95%. Condition of range, pasture was 45% poor, 40% fair, 15% good. Freeze damage to grass fields was 35% none, 55% light, 15% moderate.

ARIZONA: Western cotton setting bolls. Cotton squaring 48%, 25% 1995, 28% avg. Small grains 95% mature. Condition 37% good, 63% excellent. Karnal bunt testing completed on 69.86% of fields through 31st; 4.86% testing positive. Alfalfa harvest 36% moderate, 46% active, 18% not being harvested. Condition 2% fair, 41% good, 57% excellent. Quality leveling off, summer weeds increasing. Central, Western melon season in full swing. Harvested were watermelon, cantaloupe, honeydew, specialty melons. Also shipped from western areas were potatoes. Potatoes, dry onions, carrots, cabbage, sweet corn, green onions, mixed greens, broccoli, parsley, squash were also harvested from central fields. Produce harvested in eastern areas included head lettuce, dry onions, cabbage, tomatoes. Grapefruit, Valencia orange harvest continued in central, western citrus groves. Table grape harvest progressed in western vineyards; will begin this week in central vineyards. Drought conditions across Arizona have forced cattlemen to ship some herds to out of state pastures. Increased supplemental feeding was needed statewide due to lack of forage. Low to mid-elevation mesquites continued to provide some new feed. Range, pasture conditions were virtually unchanged from a month ago. Very poor to poor pasture were reported in all areas, elevations of State. Typical summer monsoonal rains are needed to relieve drought conditions. Cattle, calves were rated in poor to fair condition. Stock water, soil moisture supplies remained short in all areas of the state. Insect damage was negligible.

ARKANSAS: Days suitable for fieldwork 5. Soil moisture 27% short, 64% adequate, 9% surplus. The main farm activities: Planting cotton, rice, sorghum, soybeans, cultivating, fertilizing cotton, flushing rice fields, preparing combines, harvesting wheat, harvesting hay. Cotton, rice, sorghum planting nearing completion. Soybean planting continued. Soybean planting was delayed due to surplus soil moisture in Perry county. Planting was also delayed in White county due to short soil moisture. St. Francis, Crittenden Counties reported cotton was treated for thrip. A few pin-head applications were made in cotton in Lincoln County. Cotton cultivation, fertilization were reported by several Counties. Many Counties reported flooding of rice fields. Washed out rice levee were repaired in Prairie County. Prairie County also reported corn, sorghum, soybean fields were being drained. Rice, sorghum, corn fertilization was also reported by numerous counties. Corn irrigation took place in Mississippi County. Thrip in tomatoes caused problems in Drew county.

CALIFORNIA: Field activities were in full swing as drier conditions prevailed in most areas. Harvesting of wheat, barley, oats for grain picked up speed in the San Joaquin Valley and began to wind down in

the desert Counties. Cotton planting was complete. Emerged cotton fields were cultivated, irrigated, weeded, treated for aphids, mites, worms, whitefly. Rice planting was nearing completion. Emerging rice fields were fertilized, sprayed for weeds, weevils, shrimp. Sugarbeet harvest continued in the San Joaquin, Imperial valleys. Because of earlier frost, hail damage, some Siskiyou County new crop sugarbeets were replanted. Corn, dry beans were planted, following the harvest of small grain, winter forage crops. Safflower, seed alfalfa were treated for lygus. Small grains, winter forage, sudangrass, alfalfa were cut for hay or greenchopped. Mowing, discing, fertilizing, irrigating, thinning, spraying continued in orchards, vineyards. The San Joaquin Valley cherry harvest was virtually complete. The amount of the crop lost to earlier rains was still undetermined. Grapes were treated for mildew, nematodes, and leafhoppers. Nectarines, peaches, plums, apricots were picked in Fresno, Tulare Counties. Stinkbug damage was reported in some peach orchards in Merced County. Strawberries were harvested in the San Joaquin Valley and central coast. Apples were thinned. Apples, pears were sprayed for codling moth. Pomegranates were blooming in Fresno, Tulare counties. Walnuts were irrigated, fertilized, sprayed for blight, codling moth. Olive bloom was nearly complete in the southern San Joaquin Valley. Valencia orange picking gained momentum. Lemon harvesting continued in the San Joaquin Valley, south coast areas. Broccoli was harvested along the coast, in the San Joaquin Valley. Harvesting of cauliflower continued in Monterey County. Squash was harvested in Tulare County, treated for aphids in Sutter County. Lettuce continued to be harvested along the coast. Sweet corn was treated for worms and harvesting began in the San Joaquin Valley. Harvesting of carrots continued in Kern County. Sweet potatoes were planted in Fresno, Merced Counties. Harvesting of melons proceeded in Imperial County. Melons were thinned, treated in the San Joaquin Valley. Potatoes were harvested in Kern County with very little blight damage observed. Tomatoes were irrigated in central, northern California. Imperial Valley fresh, processing tomatoes were harvested. Rangeland dry at lower elevations. Upper elevation rangeland remained green, continued maturing. Calves showed good weight gains on ample feed. Cattle were being moved to feedlots and summer pastures. Supplemental feeding was light.

COLORADO: Days suitable for fieldwork 3.8. Topsoil moisture 5% very short, 7% short, 75% adequate, 13% surplus. Subsoil moisture 9% very short, 18% short, 68% adequate, 5% surplus. Spring barley 100% emerged, 88% 1995, 91% avg; 1% very poor, 7% poor, 26% fair, 51% good, 15% excellent. Oats 98% emerged, 75% 1995, 80% avg; 1% very poor, 10% poor, 29% fair, 50% good, 10% excellent. Dry onions 1% very poor, 4% poor, 11% fair, 67% good, 17% excellent. Spring wheat 100% emerged, 83% 1995, 77% avg; 1% very poor, 8% poor, 27% fair, 48% good, 16% excellent. Sorghum 3% emerged, 0% 1995, 5% avg. Sugarbeets 17% thinned, 1% 1995, 12% avg; 1% very poor, 5% poor, 20% fair, 60% good, 14% excellent. Corn 91% emerged, 43% 1995, 68% avg. Summer potatoes 97% emerged, 37% 1995, 74% avg; 1% very poor, 1% poor, 17% fair, 57% good, 24% excellent. Fall potatoes 100% planted, 95% 1995, 91% avg; 33% emerged, 4% 1995, 4% avg. Dry beans 35% planted, 6% 1995, 12% avg; 5% emerged, 0% 1995, 1% avg. Alfalfa hay 14% 1st cutting, 2% 1995, 9% avg. Numerous severe thunderstorms occurred over the northeastern part of the state on the 30th and 31st which brought heavy rains and spotty hail. There were reports of winter wheat fields being completely destroyed and moderate to severe damage to other crops.

DELAWARE: Days suitable for fieldwork 3.2. Topsoil moisture 79% adequate, 21% surplus. Subsoil moisture 77% adequate, 23% surplus. Winter wheat 1% poor, 30% fair, 48% good, 21% excellent; 98% headed, 100% 1995, 98% avg. Barley 32% fair, 53% good, 15% excellent; 65% turned, 78% 1995, 70% avg. Corn 88% planted, 97%

1995, 98% avg. Sorghum 9% planted, 30% 1995, 46% avg. Soybeans 22% planted, 32% 1995, 36% avg. Sweet Corn 68% planted, 85% 1995, 85% avg. Cantaloupe 53% planted, 60% 1995, 82% avg. Tomatoes 83% planted, 69% 1995, 77% avg. Lima beans 9% planted, 8% 1995, 16% avg. Watermelons 58% planted, 66% 1995, 85% avg. Green peas 7% harvested, 8% 1995, 15% avg. Apples 8% fair, 86% good, 6% excellent. Peaches 15% fair, 80% good, 5% excellent. Strawberries 30% harvested, 47% 1995, 42% avg. Alfalfa Hay 45% first cutting, 68% 1995, 72% avg. Other hay 54% first cutting, 74% 1995, 70% avg. Hay supplies 13% very short, 30% short, 54% adequate, 3% surplus. Activities: Planting field crops, vegetables, cutting hay.

FLORIDA: Topsoil moisture mostly adequate throughout State. Some subsoil moisture still short. Peanuts 93% planted. Cotton, soybean planting continues. Wheat harvest continues. Hay cutting active. Corn looking better. Sugarcane, irrigated tobacco good. Almost daily showers fell over many localities with Palmetto-Ruskin totals ranging from a trace to about 4.00 in., some Dade County areas receiving about 3.00 in. Up to 2.50 in. of rain accumulated in some southeastern coastal localities. Gadsden County received soaking showers on 28th, 29th with about 2.00 in. accumulating Union County got nearly 1.50 in. over 29th, 30th. Subsoil moisture supplies remain short in some northern areas with growers continuing to irrigate crops. Most temperatures ranged from lows in the 70s to highs in the upper 80s and low 90s. Tomato harvest getting underway around Quincy. Virtually all crop harvesting is finished in Dade County, completed except for watermelons around Immokalee. Growers are not harvesting some squash acreage due to the low market. Vegetable volume leaders: Watermelons, potatoes, tomatoes, sweet corn, peppers, cucumbers, cantaloups, squash, celery, cherry tomatoes, eggplant. Summer rain started, abundant new growth, normal shedding of little green fruit complete. Valencia harvest slow, supplies limited, grapefruit harvest almost over, caretakers cutting cover crops, spraying, hedging, topping, burning dead trees. Pasture feed poor 5%, fair 35%, good 50%, excellent 10%. Grass growing north, central following 1.00 to 4.00 in. rain. Condition of cattle herds fair 50%, good 45%, excellent 5%.

GEORGIA: Days suitable for fieldwork 4.6. Soil moisture 3% very short, 13% short, 76% adequate, 8% surplus. Corn 9% silked, 41% 1995, 29% avg. Cotton 14% squaring, 19% 1995, 11% avg. Hay 8% poor, 39% fair, 51% good, 2% excellent. Peanuts 3% poor, 25% fair, 67% good, 5% excellent; 18% blooming, 27% 1995, 18% avg. Sorghum 4% poor, 28% fair, 66% good, 2% excellent. Soybeans 1% poor, 17% fair, 81% good, 1% excellent. Tobacco 5% poor, 20% fair, 66% good, 9% excellent. Wheat 18% harvested for grain, 67% 1995, 40% avg. Onions 22% poor, 69% fair, 9% good, 98% harvested, 100% 1995, 99% avg. Watermelons 7% poor, 36% fair, 49% good, 8% excellent. Apples 2% very poor, 1% poor, 5% fair, 92% good. Peaches 91% very poor, 2% poor, 4% fair, 3% good, 11% harvested, 32% 1995, 28% avg. Pecans 1% poor, 38% fair, 55% good, 6% excellent. Beneficial rain much of State 25th, 26th, very early in week. Rains lighter parts of south central and little to no rain eastern areas of southeast. Row crops, pastures, hay much improved most of State. Development most row crops, small grain harvest well behind normal. Local insect problems. Activities: Harvesting hay, cultivating row crops, working tobacco, spraying for insect, weed control, planting row crops, harvesting, marketing vegetables.

HAWAII: Crops made favorable progress with mild summertime weather. Irrigation aided crop growth. Papaya production seasonally higher but remains light overall. Banana output steady. Watermelon harvesting active. Head cabbage production steady, good quality. Harvesting also active for tomatoes, cucumbers, Chinese cabbage, dry onions.

IDAHO: Days suitable for fieldwork 3.9. Some spring wheat, barley acreage in North Idaho will not be planted due to wet fields. Topsoil moisture 61% adequate, 39% surplus. Potatoes planted 95%, 93% 1995, 93% avg. Potatoes emerged 32%, 28% 1995, 41% avg. Winter Wheat jointed 92%. Winter wheat booted 46%. Winter wheat headed 6%, 8% 1995, 13% avg. Spring wheat jointed 31%. Spring wheat

booted 6%. Spring wheat 2% poor, 12% fair, 70% good, 16% excellent. Barley jointed 28%. Barley booted 10%. Barley 1% poor, 14% fair, 63% good, 22% excellent. Alfalfa Hay harvested (1st cutting) 11%, 15% 1995, 20% avg. Oats planted 88%, 90% 1995, 94% avg. Oats emerged 78%, 77% 1995, 83% avg. Dry Beans planted 27%, 36% 1995, 46% avg. Dry Beans emerged 9%, 10% 1995, 13% avg. Dry Peas planted 73%, 88% 1995, 96% avg. Dry Peas emerged 49%, 84% 1995, 88% avg. Sugarbeets emerged 99%, 94% 1995, 98% avg. Sugarbeets thinned 26%, 34% 1995, 47% avg. Field corn planted 92%, 91% 1995, 91% avg. Field corn emerged 71%, 60% 1995, 64% avg. Lentils planted 86%, 88% 1995, 96% avg. Lentils emerged 38%, 69% 1995, 84% avg. Hay, roughage supply 4% very short, 17% short, 77% adequate, 2% surplus. Pasture feed, range 1% poor, 6% fair, 56% good, 37% excellent. Irrigation water supply 1% fair, 33% good, 66% excellent. Activities: Completing grain, potato planting, harvesting alfalfa hay, thinning sugarbeets, planting dry beans.

ILLINOIS: Days suitable for fieldwork 1.2. Topsoil moisture 34% adequate, 66% surplus. Rains early in the week and over the weekend prevented farmers from completing corn planting. Some planting progress occurred in the southern part of the State. There was some concern about replanted corn needing to be replanted again. The areas of the State where it did not rain were still sitting idle waiting to dry out. Low lying areas were flooded again. Rain also hampered alfalfa cutting. Corn height 4 inches, 1 in. 1995, 6 in. avg. Winter wheat 25% filled, 63% 1995, 54% avg. Oats 15% headed, 19% 1995, 23% avg. Oats 1% filled, 2% 1995, 7% avg. Oats 3% poor, 46% fair, 45% good, 6% excellent. Alfalfa 11% first cutting, 10% 1995, 47% avg. Alfalfa 3% poor, 28% fair, 59% good, 10% excellent. Red clover 14% cut, 9% 1995, 37% avg. Red clover 1% very poor, 6% poor, 38% fair, 52% good, 3% excellent.

INDIANA: Days suitable for fieldwork 1.1. Topsoil moisture 27% adequate, 73% surplus. Subsoil moisture 40% adequate, 60% surplus. Another wet week. Corn planting 19 days behind avg, soybean planting 20 days behind avg. Ponds in many fields. More replanting will be necessary. Soil crusting, compaction, erosion are major problems. Weeds evident, many wheat fields. Transplanting tobacco 16% complete. First cutting of alfalfa hay 16% complete. Pastures growing rapidly. Feedlots muddy. Activities: Tilling, spraying, spreading fertilizer, discing, hauling manure, hay equipment maintenance, tiling, ditching, purchasing shorter season seed corn, mowing fence rows. Care of livestock.

IOWA: Days suitable for fieldwork 1.3. Topsoil moisture short 1%, adequate 43%, surplus 56%. Subsoil moisture short 1%, adequate 65%, surplus 34%. Once again, wet weather has slowed planting progress across Iowa, putting some producers in the position of deciding whether to go to a shorter season variety of corn or switch to soybeans. The weather is making it difficult for producers to manage weeds. Some corn, soybeans have been drowned out and will have to be replanted. Corn emerged 86%, 58% 1995, 74% avg; cultivated 1st time 0%, 1% 1995, 8% avg. Soybeans emerged 21%, 15% 1995, 43% avg. Alfalfa hay 1st harvest 1%, 4% 1995, 12% avg. Winter wheat 2% very poor, 15% poor, 40% fair, 43% good. Hay 2% very poor, 9% poor, 31% fair, 52% good, 6% excellent. Livestock in mostly good across the State. Although daytime temperatures have improved, pneumonia, colds still being reported due to wet weather, cool at night. Feedlots extremely muddy, as well as pastures, especially in the southeastern area of the State.

KANSAS: Days suitable for fieldwork 2.6. Topsoil moisture 2% very short, 17% short, 72% adequate, 9% surplus. Subsoil moisture 7% very short, 29% short, 62% adequate, 2% surplus. Significant rains fell over most of the State. Severe storms occurred in some areas with 4 to 5 inches of rain not uncommon. Hail, wind accompanied some storms. Wheat progress is still slightly behind normal. Condition of the crop improved slightly from the previous week. Corn planting is complete. Sorghum, soybean planting made only limited progress as wet fields hampered efforts in most areas. Planting progress of each are still well ahead of the avg. Pasture condition continues to make

gradual improvement. Feed grain, hay shortages continue to be reported across the State. Feed grain supplies are 45% short, hay 42% short. Recent rains have alleviated stock water shortages in all but a few areas. Alfalfa cut the first time 43% complete, 19% 1995, 60% avg. Activities: Planting fall crops, harvest alfalfa.

KENTUCKY: Rain, hail along with cool weather slowed fieldwork. Dry weather needed to complete tobacco setting, corn planting. Days suitable 2.3. Topsoil moisture 44% adequate, 56% surplus. Subsoil moisture 1% short, 55% adequate, 44% surplus. Burley tobacco set 37%, 45% 1995, 51% avg., dark tobacco 68% set. Set tobacco 2% poor, 24% fair, 60% good, 14% excellent. Emerged corn 1% very poor, 4% poor, 41% fair, 41% good, 13% excellent. Winter wheat 1% very poor, 7% poor, 30% fair, 53% good, 9% excellent. Pastures 1% very poor, 4% poor, 21% fair, 63% good, 11% excellent. Hay crops 1% very poor, 5% poor, 34% fair, 50% good, 10% excellent.

LOUISIANA: Days suitable for fieldwork 5.4. Soil moisture 14% very short, 29% short, 52% adequate, 5% surplus. Corn 3% poor, 21% fair, 73% good, 3% excellent; 19% silked, 47% 1995, 32% avg.; 12% 1995, 4% avg. Corn benefitted from rain, but some areas continued to show signs of drought stress. Cotton 100% emerged, 98% 1995, 92% avg.; 6% squaring, 12% 1995, 6% avg. Cotton improved with showers. Hay first cutting 70%, 47% 1995, 48% avg. Hay yields remained below normal with some producers reporting yields running about one third of normal. Peaches 15% harvested, 3% 1995, 9% avg. Rice 1% 1995, 1% avg. Water weevils remained a problem in rice fields. Sorghum 10% poor, 44% fair, 46% good; 98% emerged, 84% 1995, 79% avg. Soybeans 5% poor, 42% fair, 50% good, 3% excellent; 78% emerged, 57% 1995, 47% avg. Soybean planting resumed with increased soil moisture supplies. Sugarcane 2% very poor, 11% poor, 36% fair, 43% good, 8% excellent. Sugarcane farmers continued to work fallow fields. Sweet Potatoes 29% planted, 38% 1995, 35% avg. Sweet potato planting resumed after the rains. Wheat 2% very poor, 10% poor, 40% fair, 43% good, 5% excellent; 57% harvested, 75% 1995, 53% avg. Livestock 10% poor, 33% fair, 55% good, 2% excellent. Cattlemen were busy controlling fly populations, treating their herds for internal parasites. Vegetables 6% poor, 35% fair, 54% good, 5% excellent. Vegetable producers were harvesting cabbage, hot peppers. Pasture feed 2% very poor, 18% poor, 45% fair, 33% good, 2% excellent. Pasture growth continued to be sluggish.

MARYLAND: Days suitable for fieldwork 4.2. Topsoil moisture 72% adequate, 28% surplus. Subsoil moisture 1% short, 76% adequate, 23% surplus. Winter Wheat 10% very poor, 10% poor, 24% fair, 35% good, 21% excellent; 96% headed, 100% 1995, 97% avg.; 6% turned, 30% 1995, 26% avg. Barley 12% very poor, 9% poor, 18% fair, 46% good, 15% excellent; 57% turned, 68% 1995, 68% avg. Rye 4% very poor, 7% poor, 20% fair, 54% good, 15% excellent; 29% turned, 17% 1995, 28% avg. Corn 85% planted, 92% 1995, 94% avg. Soybeans 13% planted, 40% 1995, 43% avg. Tobacco 32% transplanted, 59% 1995, 52% avg. Sorghum 15% planted, 34% 1995, 44% avg. Sweet corn 76% planted, 75% 1995, 80% avg. Tomatoes 88% planted, 81% 1995, 86% avg. Cantaloupe 84% planted, 85% 1995, 85% avg. Watermelons 85% planted, 82% 1995, 84% avg. Alfalfa hay 54% first cutting, 56% 1995, 69% avg. Other hay 29% first cutting, 37% 1995, 47% avg. Hay supplies 6% very short, 14% short, 76% adequate, 4% surplus. Apples 1% poor, 17% fair, 71% good, 11% excellent. Peaches 1% poor, 28% fair, 62% good, 9% excellent. Strawberries 29% harvested, 31% 1995, 36% avg. Activities: Planting field crops, vegetables, cutting hay

MICHIGAN: Rainfall was minimal during the week, but the weekend brought some thunderstorms, showers. Frost occurred 29th, 30th in some areas, but, crop damage was not determined. Days suitable for fieldwork was 6.0. Soils dried enough to start planting vigorously again, but, there were still many wet spots to be worked around. Many farmers welcomed the chance to get out into the fields to catch up. Topsoil moisture was reported as 1% very short, 6% short, 81% adequate, 12% surplus. Subsoil moisture was reported as 4% short, 80% adequate, 16% surplus. Barley planted 90%, 99.5% 1995, 99% avg. Sugarbeets

planted 92% 1996, 100% 1995, 100% avg. Potato planted 80%, 90% 1995, 89% avg.; emerged 35%, 46% 1995, 42% avg. Pasture 4% very poor, 10% poor, 31% fair, 37% good, 18% excellent. Winter wheat improved somewhat. Major activities: Corn, small grains, soybeans, sugarbeet, potato planting, spraying fruit trees.

MINNESOTA: Days suitable for fieldwork 4.9. Topsoil moisture 7% short, 70% adequate, 23% surplus. Corn 97% ground prepared, 97% 1995, 96% 5 yr. avg.; 93% planted, 93% 1995, 92% 5 yr. avg.; 68% emerged, 67% 1995, 74% 5 yr. avg. Soybeans 78% ground prepared, 86% 1995, 86% 5 yr. avg.; 66% planted, 74% 1995, 74% 5 yr. avg.; 35% emerged, 32% 1995, 46% 5 yr. avg. Spring wheat 75% planted, 94% 1995, 98% 5 yr. avg.; 47% emerged, 63% 1995, 89% 5 yr. avg. Oats 97% planted, 96% 1995, 98% 5 yr. avg.; 90% emerged, 82% 1995, 93% 5 yr. avg. Barley 71% planted, 89% 1995, 97% 5 yr. avg.; 45% emerged, 61% 1995, 87% 5 yr. avg. Sugarbeets 94% planted, 99% 1995, 99% 5 yr. avg. Green Peas 93% planted, 84% 1995, 88% 5 yr. avg. Potatoes 67% planted complete, 69% 1995, 89% 5 yr. avg. Flax 30% planted, 49% 1995, 81% 5 yr. avg. Dry Edible Beans 37% planted, 53% 1995, 79% 5 yr. avg. Sweet Corn 70% planted, 59% 1995, 69% 5 yr. avg. Sunflowers 44% planted, 65% 1995, 86% 5 yr. avg. Pasture 2% very poor, 12% poor, 46% fair, 36% good, 4% excellent. Oats 3% poor, 27% fair, 60% good, 10% excellent. Barley 9% poor, 34% fair, 51% good, 6% excellent. Corn 10% poor, 40% fair, 40% good, 10% excellent.

MISSISSIPPI: Days suitable for fieldwork 3.8. Soil moisture 5% very short, 15% short, 67% adequate, 13% surplus. Corn 100% emerged, 100% 1995, 89% avg., 5% silked, 11% 1995, 6% avg, 7% poor, 27% fair, 54% good, 12% excellent. Soybeans 93% planted, 75% 1995, 49% avg., 84% emerged, 65% 1995, 40% avg., 4% poor, 22% fair, 53% good, 21% excellent. Wheat 73% mature, 83% 1995, 75% avg., 9% harvested, 18% 1995, 12% avg., 1% very poor, 23% fair, 54% good, 17% excellent. Hay (cool season) 86% harvested, 82% 1995. Hay (warm season) 13% harvested 16% 1995, 4% very poor, 17% poor, 33% fair, 42% good, 4% excellent. Peaches 8% harvested, 3% 1995, 12% avg, 77% very poor, 9% poor, 10% fair, 4% good. Peanuts 97% planted, 99% 1995, 77% avg., 1% poor, 16% fair, 75% 1995, 92% avg, 1% very poor, 4% poor, 22% fair, 68% good, 5% excellent. Blueberries 26% very poor, 43% poor, 23% fair, 8% good. Cattle 2% very poor, 13% poor, 26% fair, 52% good, 7% excellent. Pasture 9% very poor, 15% poor, 35% fair, 35% good, 6% excellent. The main farming activities planting sorghum, soybeans, harvesting wheat, hay. Rainfall in most areas of the state has improved the prospects for crops, hay, grazing crops. More rain will be needed soon to prevent additional stress to crops, pasturers.

MISSOURI: Days suitable for fieldwork 2.2. Topsoil moisture supply, 4% short, 56% adequate, 40% surplus. Wet, cool weather coupled with already saturated field conditions largely limited planting progress across most of State during the past week. Percent of corn planted ranges from around 75% east-central and northeast to 95% or more in the other major corn districts. Significant replanting has been necessary this year, particularly in the northeastern district, northern parts of the central and east-central districts due to poor germination of early plantings, flooding in low lying areas. Sorghum planting ranges from 80% complete in the Bootheel to 25% or less in the northern districts. Single-crop soybean planting ranges from around 50% complete in the west-central and southeast districts to 25% or less in the east-central and northern districts of the State. Wheat mostly poor to fair. All wheat has reached the heading stage in the southern third of the State, while heading is about 80% complete in the northern third. Alfalfa first cutting 34%, 12% 1995, 43% avg. Other hay cut 14%, 6% 1995, 21% avg. Pasture, range 1% very poor, 10% poor, 46% fair, 39% good, 4% excellent.

MONTANA: Days suitable for fieldwork 3.3. Topsoil moisture 6% short, 72% adequate, 22% surplus. Subsoil moisture 3% short, 85% adequate, 12% surplus. Spring wheat 1% poor, 8% fair, 75% good, 16% excellent. Barley 1% poor, 15% fair, 69% good, 15% excellent. Oats 1% poor, 13% fair, 66% good, 20% excellent. Oats 86% planted, 89%

1995, 95% avg. Oats 64% emerged, 66% 1995, 77% avg. Corn 92% planted, 89% 1995, 93% avg. Corn 62% emerged, 69% 1995. Sugarbeet 12% fair, 76% good, 12% excellent. Sugarbeets 100% planted, 100% 1995, 100% avg. Sugarbeets 99% emerged, 94% 1995. Dry beans 90% planted, 87% 1995, 89% avg. Dry beans 36% emerged, 44% 1995. Potatoes 63% planted, 76% 1995, 80% avg. Potatoes 11% 1995. Cattle, calves moved to summer ranges 84%. Sheep, lambs moved to summer ranges 83%.

NEBRASKA: Days suitable for fieldwork 0.6. Topsoil moisture 2% short, 61% adequate, 37% surplus. Subsoil moisture 13% short, 74% adequate, 13% surplus. Continued wet weather conditions across the State the past week caused additional delays in fieldwork. Though soil moisture continued to improve, warmer temperatures, more sunshine are needed for proper crop growth and development. Rainfall received last week caused soil erosion, and standing water in some fields. Some replanting of row crops will be necessary. Wheat 96% jointed, 100% 1995, 100% avg., 35% headed, 34% 1995, 71% avg. Corn 4% poor, 29% fair, 59% good, 8% excellent; 85% emerged, 40% 1995, 78% avg.; reports from most parts of the State indicated that the crop was pale to yellow in color due to the lack of sunshine. Alfalfa 2% very poor, 10% poor, 36% fair, 47% good, 5% excellent; 3% 1st cutting, 8% 1995, 44% avg. Wild hay 1% very poor, 5% poor, 30% fair, 52% good, 12% excellent. Pasture, range 1% very poor, 7% poor, 36% fair, 51% good, 5% excellent; moisture continued to aid pasture growth. Additional sunshine is needed to achieve adequate growth for grazing. Activities: Grain marketing, livestock care.

NEVADA: Rains helped forestall seasonal decline of some range, pasture. Fieldwork was slowed by early week rains, cool temperatures kept crop development behind normal. Spring grain planting approached completion northeast. Emergence of spring seeded grains beyond 50% complete northwest. Grain harvest beginning extreme South. Wheat, barley good to excellent. Potato planting virtually complete. Alfalfa growth further slowed by cool temperatures; progress remains behind normal north. 2nd cutting underway South. Alfalfa 1st cutting beginning northwest. Alfalfa generally good. Aphid populations increased in alfalfa, small grain areas. Branding, vaccinating, movement to summer ranges underway. Main farm, ranch activities: Irrigating, fertilizing, spraying for weeds, insects, alfalfa harvest, calving, lambing.

NEW ENGLAND: Days suitable for fieldwork 6.1. Topsoil moisture 3% short, 83% adequate, 14% surplus. Subsoil moisture 76% adequate, 24% surplus. Pasture condition 17% fair, 56% good, 27% excellent. Maine potatoes 85% planted, 85% 1995, 85% avg., 5% emerged, 5% 1995, 10% avg., good. Massachusetts potatoes 99% planted, 99% 1995, 95% avg., 35% emerged, 95% 1995, 75% avg., good. Rhode Island potatoes 90% planted, 100% 1995, 90% avg., 75% emerged, 85% 1995, 60% avg., good. Maine oats 90% planted, 95% 1995, 90% avg, 60% emerged, 65% 1995, good/excellent. Maine barley 96% planted, 95% 1995, 70% emerged, 65% 1995, good to excellent. Field corn 70% planted, 80% 1995, 80% avg., 25% emerged, 45% 1995, 40% avg., good to fair. Sweet corn 65% planted, 75% 1995, 75% avg., 40% emerged, 45% 1995, 45% avg., good to fair. Shade tobacco 95% planted, 80% 1995, good. Outdoor tobacco 10% planted, 30% 1995, fair. First hay 5% harvested, 10% 1995, 15% avg., crop good to fair. Apples in petal fall, set and size avg., good. Peaches petal fall, size, set avg., good. Pears petal fall, set above avg to avg., good. Cranberries at bud stage to early bloom, good. Wild blueberries full bloom, excellent. Farmers planting a variety of crops as quickly as possible to make up for lost days due to inclement weather. Major farm activities: Potato, small grain planting wrapping up, cutting haylage, dry hay. Transplanting shade tobacco almost complete while outdoor tobacco planting continues, planting, cultivating tomatoes, peppers, vine crops, harvesting asparagus, rhubarb, lettuce, radishes, green onions. Spraying for weeds, mowing grass in orchards.

NEW JERSEY: Days suitable for fieldwork 6. Topsoil moisture reported as mostly adequate. Planting and other activities about 7 days behind. Harvest of strawberries continues. Some damage reported to strawberries in parts of northern part of State. Peach drop reported in some areas while other areas report thinning. Blueberries continue to

size well. Vegetable farmers were busy planting tomatoes, potatoes and snap beans. Harvest of leeks, green onions, peas, squash, cucumbers reported. Planting of corn, soybeans continues. Wheat, barley heading. Cutting baling of hay active. Pasture remain good.

NEW MEXICO: Days suitable for fieldwork 6.7. Soil Moisture 84% very short, 12% short, 4% adequate. Crop conditions declined slightly this week as hot, dry weather continues across most of the State. Corn 10% poor, 60% fair, 28% good, and 2% excellent. Cotton 2% very poor, 5% poor, 6% fair, 31% good, and 48% excellent; cotton planting 90% complete, 92% 1995, 96% avg. Spotty rain showers on the east side of the State allowed some dryland sorghum to be planted, but the total sorghum crop is still behind normal with 25% planted, 39% 1995, 34% avg. Sorghum 81% very poor, 9% poor, 9% fair, and 1% good. Alfalfa 1% very poor, 9% poor, 40% fair, 25% good and 25% excellent; first cutting 77% complete and southern areas have started on the second cutting with 20% complete. Chile at 1% poor, 18% fair, 63% good and 18% excellent. Onion harvest is 6% complete, 6% fair, 55% good, 39% excellent. Pecan 5% fair, 50% good, 45% excellent; nut set rated 1% light, 98% avg., 1% heavy. Dry wheat continue to decline at 99% very poor, 1% poor. Irrigated wheat, 2% very poor, 28% poor, 50% fair, 15% good, 5% excellent. Total wheat headed at 98%, 100% 1995, 97% avg. Cattle continues to fall at 10% very poor, 32% poor, 40% fair, 18% good. A few showers have been received but only in isolated areas and not enough to relieve severe drought conditions. Crops are beginning to show signs of heat stress, irrigation water is already being rationed in some areas. Ranchers are still providing supplemental feed, hauling water for livestock. Heavy culling of livestock herds continues as dirt tanks dry up and feed prices increase.

NEW YORK: Days suitable: 6.5. Soil moisture 75% adequate, 25% surplus. Dry weather pushed fieldwork ahead at a rapid pace. Corn planting reached 52% complete, still behind last years 85%, avg. of 80%. Oats 87% planted, 94% 1995, 94% avg. Oats, wheat fair to good. Pastures improved 13% fair, 70% good, 17% excellent. Some frost damage to apples evident in lower orchards of Hudson Valley. Few insects due to coolness. Grapes in western areas good, little disease pressure. Vegetable planting picked up momentum. Onion replanting ended.

NORTH CAROLINA: Days suitable for fieldwork 3.7. Soil moisture 4% short, 69% adequate, 27% surplus. Flue-cured tobacco 99% transplanted, 99% 1995, 99% avg. Irish potatoes 1% poor, 7% fair, 89% good, 3% excellent; peaches 69% very poor, 9% poor, 8% fair, 14% good; truck crops 3% poor, 22% fair, 73% good, 2% excellent; tobacco in fields 3% poor, 16% fair, 71% good, 10% excellent; peanuts 2% fair, 97% good, 1% excellent; soybeans 9% fair, 83% good, 8% excellent. Activities: Planting sorghum, cotton, peanuts; transplanting flue-cured tobacco, burley tobacco, sweet potatoes; side-dressing tobacco; spraying for cereal leaf beetles, cutworms, other pests; planting vegetables; harvesting small grains; cutting, baling hay; cultivating crops; pasture maintenance; tending livestock; preparing combines for small grain harvest; recovering from storm damage; repairing equipment, general farm maintenance.

NORTH DAKOTA: Days suitable for fieldwork 5. Soil moisture supplies well above avg. Topsoil moisture 4% short, 80% adequate, 16% surplus. Subsoil moisture 4% short, 81% adequate, 15% surplus. Good planting progress continued early last week. Small grain planting progress ahead of last year, still over a week behind avg. Emergence ahead of last year, behind avg. Durum 80% planted, 37% emerged, beyond; 62%, 28% 1995; 91%, 75% avg. Planting progress of all late season crops behind avg. Flaxseed 44% planted, 10% emerged, beyond; 28%, 8% 1995; 77%, 48% avg.; corn 77% planted, 37% emerged, beyond; 72%, 33% 1995; 91%, 67% avg.; dry edible beans 46% planted, 3% emerged, beyond; 56%, 18% 1995; 82%, 45% avg.; soybeans 42% planted, 9% emerged, beyond; 56%, 23% 1995; 89%, 57% avg.; sunflower 34% planted, 1% emerged, beyond; 36%, 5% 1995; 71%, 31% avg.; sugarbeets 92% planted, 68% emerged, beyond; 98%, 80% 1995; 100%, 95% avg.; potatoes 86% planted, 6% emerged, beyond; 90%, 15% 1995; 96%, 28% avg. Pasture feed 3% poor, 22% fair, 66% good, 9% excellent.

OHIO: Days suitable for fieldwork 3.0. Topsoil moisture 42% adequate, 58% surplus. Many locations had an entire week to work in the fields; some for the first time this season. The strawberry harvest had started in Meigs County. Tomatoes in southern part of State showed signs of bacteria speck. Potato beetles have been observed. Blue mold reported on tobacco in Brown County. Planting of corn, soybeans made another leap forward. Good progress was also made making hay, hauling manure, applying herbicide. Winter wheat 9% very poor, 20% poor, 37% fair, 30% good, 4% excellent. Oats 3% very poor, 9% poor, 47% fair, 32% good, 9% excellent. Corn 1% very poor, 10% poor, 44% fair, 37% good, 8% excellent. Pasture 2% very poor, 9% poor, 35% fair, 43% good, 11% excellent. Hay 4%, 14% poor, 36% fair, 37% good, 9% excellent.

OKLAHOMA: Days suitable for fieldwork 5.2. Topsoil moisture 11% very short, 33% short, 56% adequate. Subsoil moisture 17% very short, 57% short, 26% adequate. Wheat 82% softdough, 65% 1995, 76% avg; Oats 93% heading, 81% 1995, 87% avg; 77% softdough, 35% 1995, 53% avg, 12% harvested, 1% 1995, 2% avg; Corn 99% up-to-stand, 89% 1995, 95% avg, 1% tasseling, 1% 1995, 3% avg; Sorghum 82% seedbed prepared, 76% 1995, 85% avg; 25% up-to-stand, 7% 1995, 21% avg; Soybeans 95% seedbed prepared, 80% 1995, 83% avg; 69% planted, 32% 1995, 43% avg; 37% up-to-stand, 23% 1995, 24% avg; Peanuts 99% seedbed prepared, 92% 1995, 94% avg, 71% planted, 48% 1995, 54% avg; 39% up-to-stand, 29% 1995, 31% avg; Cotton 94% seedbed prepared, 94% 1995, 94% avg, 32% up-to-stand, 23% 1995, 35% avg; Alfalfa condition 1% very poor, 13% poor, 48% fair, 37% good, 1% excellent; Alfalfa hay 89% 1st cutting, 79% 1995, 82% avg; 6% 2nd cutting, 8% 1995, 5% avg; Other hay 30% 1st cutting, 54% 1995, 53% avg; Livestock 7% poor, 34% fair, 58% good, 1% excellent. Feeder steers, heifers were steady to \$1/cwt higher.

OREGON: Days suitable for fieldwork 6.0. Topsoil moisture 4% short, 93% adequate, 3% surplus. Subsoil moisture 8% short, 91% adequate, 1% surplus. Barley 94% planted, 92% 1995, 97% avg. Activities: Grass seed mostly headed out, western, central sections. First hay cuttings underway, Willamette Valley, Malheur County. Crimson clover full bloom. Spraying Russian wheat aphid, Columbia Basin spring wheat. Irrigating alfalfa fields, northeastern section. Willamette Valley nurseries & greenhouses inventories above avg., movement improvement. Shipping balled, burlapped plants. Potatoes emerging, Malheur County. Willamette Valley vegetable planting continued, bush beans, onions, early sweet corn emergence underway. Strawberries full bloom-fruit ripening, Marion variety blackberries, boysenberries blooming, blueberries setting fruit, hazelnuts setting nuts, Willamette Valley. Pears good, first cover sprays applied, some thinning done, Rogue River Valley. Cranberry bloom continued, good pollination, southern coast. Livestock good to excellent. Western pastures started dry out pasture feed growth underway.

PENNSYLVANIA: Days suitable for fieldwork 3.6. Soil moisture 1% short, 82% adequate, 17% surplus. Avg. corn height 3 in., 3 in. 1995, 2 in. avg. Tobacco transplanted 28% complete, 21% 1995, 14% avg. Soybeans planted 41% complete, 56% 1995, 59% avg. Soybean 1% very poor, 5% poor, 39% fair, 54% good, 1% excellent. Potatoes planted 79% complete, 82% 1995, 86% avg. Barley 89% heading or headed, 84% 1995, 80% avg; 10% turning yellow, 13% 1995, 7% avg. Some wheat plowed down, replaced with other crops. Wheat 81% heading or headed, 74% 1995, 64% avg. Wheat 6% poor, 35% fair, 49% good, 10% excellent. Alfalfa 1st cutting 30% complete, 30% 1995, 39% avg. Timothy clover first cutting 15% complete, 10% 1995, 13% avg. Quality of hay made 1% very poor, 14% poor, 33% fair, 48% good, 4% excellent. Peach 3% very poor, 14% poor, 50% fair, 20% good, 13% excellent. Apple 4% very poor, 8% poor, 38% fair, 30% good, 20% excellent. Activities: Plowing, planting of oats, corn, soybeans, making hay, haylage, fixing fences, machinery maintenance, storing, hauling manure, caring for livestock.

SOUTH CAROLINA: Soil moisture 2% very short, 12% short, 73% adequate, 13% surplus. Days suitable for fieldwork 4.80. Farm activities:

Barley 100% headed; 91% turning color, 89% 1995, 86% 5 yr avg; 45% ripe, 50% 1995, 48% 5 yr avg; 13% harvested, 20% 1995, 19% 5 yr avg; 1% poor, 32% fair, 67% good. Corn 1% very poor, 5% poor, 28% fair, 56% good, 10% excellent. Oats 98% turning color, 96% 1995, 93% 5 yr avg; 82% ripe, 77% 1995, 68% 5 yr avg; 24% harvested, 40% 1995, 26% 5 yr avg; 4% poor, 25% fair, 68% good, 3% excellent. Rye 96% turning color, 92% 1995, 89% 5 yr avg; 84% ripe, 76% 1995, 62% 5 yr avg; 20% harvested, 29% 1995, 20% 5 yr avg; 3% very poor, 7% poor, 37% fair, 51% good, 2% excellent. Sorghum 36% planted, 42% 1995, 44% 5 yr avg; 7% fair, 66% good, 27% excellent. Tobacco 5% poor, 44% fair, 43% good, 8% excellent. Wheat 99% turning color, 99% 1995, 94% 5 yr avg; 80% ripe, 82% 1995, 67% 5 yr avg; 7% harvested, 27% 1995, 18% 5 yr avg.; 1% very poor, 4% poor, 21% fair, 69% good, 5% excellent. Peach 25% very poor, 50% poor, 25% fair, Apple 39% very poor, 15% poor, 16% fair, 30% good. Watermelons 99% planted, 94% 1995; 94% 5 yr avg; 2% poor, 28% fair, 65% good, 5% excellent. Cantaloups 100% planted, 91% 1995; 92% 5 yr avg; 3% poor, 29% fair, 63% good, 5% excellent. Tomatoes 9% fair, 90% good, 1% excellent.

SOUTH DAKOTA: Days suitable for fieldwork 1.9. Topsoil moisture, 42% adequate, 58% surplus. Subsoil moisture 46% adequate, 54% surplus. All areas of the State received some precipitation during the week. Rainfall generally ranged from 1.5 to 3.0 inches. Winter rye 1% very poor, 2% poor, 43% fair, 50% good, 4% excellent. Barley 4% poor, 29% fair, 62% good, 5% excellent. Spring wheat 1% very poor, 5% poor, 29% fair, 53% good, 12% excellent. Weed spraying very limited with the rainy, windy weather. Weeds are a big problem in the winter wheat. Flax 38% planted, 52% 1995, 71% avg. Sunflowers 17% planted, 12% 1995, 41% avg. Winter rye 23% boot, 60% 1995, 70% avg. Livestock 1% poor, 17% fair, 63% good, 19% excellent. Cattle moved to pasture 87%. Calving, lambing is basically completed. Feed supplies 1% very short, 4% short, 86% adequate, 9% surplus. Stock water supplies 62% adequate, 38% surplus.

TENNESSEE: The Mississippi River had claimed about 6,000 acres of cropland, mainly wheat, corn. The waters started receding two weeks ago and are on the rise again. Unplanted soybean grounds were flooded and will delay planting in the Delta. Days suitable for fieldwork 4.0. Topsoil moisture 1% short, 82% adequate, 17% surplus. Subsoil moisture 2% short, 80% adequate, 18% surplus. Corn 1% poor, 15% fair, 52% good, 32% excellent; 99% planted, 100% 1995, 93% avg. Tobacco 2% poor, 21% fair, 72% good, 5% excellent; 63% transplanted, 68% 1995, 71% avg. Wheat 1% very poor, 7% poor, 29% fair, 50% good, 13% excellent; 78% turning color, 91% 1995, 78% avg; 4% ripe, 20% 1995, 16% avg. Sorghum 78% planted, 86% 1995, 71% avg. Alfalfa hay 1% very poor, 3% poor, 31% fair, 56% good, 9% excellent; 83% first cutting, 86% 1995, 84% avg. Other hay 1% very poor, 10% poor, 39% fair, 46% good, 4% excellent. Pasture 6% poor, 34% fair, 53% good, 7% excellent. Cattle 7% poor, 34% fair, 54% good, 5% excellent.

TEXAS: Unstable air masses across state during week allowed rainfall develop many areas. The Plains, Edward's Plateau areas received first significant rainfall in several months. Along with rainfall, however, hail fell causing damage some fields. Cooler temperatures accompanied rain. Planting operations these areas slowed by wet conditions; however, activity will rapidly increase as fields dry. The moisture benefitted dryland planting conditions. Rainfall across South-Central areas too late for many grain fields but hay fields, cotton benefitted. South, Coastal areas missed rainfall during week, therefore remained dry, hot. Many grain fields these areas been plowed, hayed. Livestock should enjoy increased growth in pastures where significant rain fell.

CROPS: Small Grains: Harvest winding down many fields North, South-Central areas. Harvest slowed by wet conditions in Low Plains. Some yields turning out better than expected. 12% harvested, 9% 1995, 10% avg. Corn leaves were stripped off some plants by hail in portions of the High Plains. The moisture should help alleviate irrigation needs. Fields continued to silk in North, South-Central Texas. Rainfall at this point may have come too late for much benefit. Some fields have been baled, grazed but producers are concerned about nitrate poisoning. Fields were doughing in an expected. The rainfall in High Plains should help fields left for harvest. 26% silked, 32% 1995, 32%

avg. 8% dough, 5% 1995, 5% avg. Grain sorghum planting slowed in High Plains; however, activity should increase with moisture as fields dry out. Fields begun to head portions North Central. Rainfall could still benefit some later planted fields. Leaf curl still occurring. Insects increasing fields along Upper Coast. Fields turning color in Valley. Statewide 54% normal compared 78% last year. 28% headed, 30% 1995, 28% avg. 7% turning color, 10% 1995, 6% avg. Cotton some planted fields in High Plains sustained moderate, heavy damage from hail, high winds during week. Replanting necessary many fields if time permits, otherwise alternative crops will be planted. Cooler temperatures slowed growth many fields. Plants squaring North Central where fields holding on despite dry conditions. The week's rainfall should help alleviate stress in area. Fields setting bolls in Valley. 11% squaring, 16% 1995, 12% avg. 3% setting bolls, 2% 1995, 3% avg. Rice insect levels risen many fields along Upper Coast. Rainfall would help alleviate flushing activity. Peanuts wind burn occurred some fields in Low Plains, North Central. Stands currently good, recent rainfall should help. Fields South-Central areas need moisture, missed most activity during week. Irrigation remained active where available. Soybeans fields along Upper Coast need rain badly, continue to flower, early varieties setting pods. Rainfall across North should help. Other crops sunflowers 40% planted, 40% 1995, 50 avg. Oats harvested 40%, 29% 1995, 22% avg.

Commercial Vegetables, Fruit and Pecans: Rio Grande Valley, harvest carrots, cabbage, cucumbers, melons continued virtually uninterrupted. San Antonio- Winter Garden, watermelon harvest getting underway during week. Potato harvest continued. Onion harvest winding down. East, sweet potato planting continued. High Plains, melons setting fruit. Many fields could use additional moisture. Hail caused damage some onion fields. Isolated fields peppers also sustained damage. Trans-Pecos, cantaloups continued make good progress. Onion harvest begin soon. Pecans heavy populations case bearers reported many areas with spraying operations underway. Peaches producers in Hill Country still hoping for light crop on later varieties.

Range and Livestock: The week's rainfall increased greening on ranges, pastures many areas. Many producers will now get cutting of hay. Some cutting activity occurred East. Livestock herds continued decrease as producers liquidating many areas. Flies becoming a problem. Dry conditions slowed growth spring born kids, lambs.

UTAH: Days suitable for fieldwork 4.8. Topsoil moisture 8% very short, 19% short, 66% adequate, 7% surplus. Subsoil moisture 6% very short, 32% short, 55% adequate, 7% surplus. Winter Wheat headed 40%, 22% 1995, 35% avg. Oats planted 90%, 84% 1995, 95% avg. Oats emerged 73%, 66% 1995, 87% avg. Corn planted 91%, 77% 1995, 90% avg. Corn emerged 78%, 34% 1995, 66% avg. Potatoes planted 59%, 63% 1995. Dry edible beans planted 6%, 13% 1995. Alfalfa hay first cutting 11%, 14% 1995, 25% avg. Other hay cut 2%, 2% 1995. Range, pasture 2% very poor, 10% poor, 24% fair, 52% good, 12% excellent. Sheep moved to summer range 68%, 42% 1995, 54% avg. Cattle moved to summer range 66%, 50% 1995, 63% avg. Major farm, ranch activities: Irrigating, weed control, spraying barley, alfalfa, chopping first crop alfalfa, docking of lambs.

VIRGINIA: Days suitable for fieldwork 2.6. Topsoil 72% adequate, 28% surplus. Subsoil moisture 3% short, 75% adequate, 22% surplus. Corn 90% planted, 93% 1995, 94% avg; 7% fair, 73% good, 20% excellent. Soybeans 33% planted, 29% 1995, 33% avg. Winter wheat 3% poor, 21% fair, 63% good, 13% excellent. Barley 18% fair, 65% good, 17% excellent. Cotton 100% planted, 100% 1995, 100% avg. Peanuts 98% planted, 100% 1995, 99% avg; 9% fair, 66% good, 25% excellent. Alfalfa 7% fair, 69% good, 24% excellent. Other hay 2% poor, 14% fair, 65% good, 19% excellent. Summer potatoes 5% fair, 80% good, 15% excellent. Fire cured tobacco transplanted 75%, 77% 1995, 85% avg; 2% poor, 10% fair, 80% good, 8% excellent. Flue cured tobacco transplanted 93%, 99% 1995, 97% avg; 14% fair, 53% good, 33% excellent. Burley tobacco transplanted 60%, 60% 1995, 50% avg. Sun cured tobacco transplanted 85%, 62% 1995, 85% avg. Pasture feed 13% fair, 66% good, 21% excellent. Apples 3% very poor, 4% poor, 7% fair, 76% good, 10% excellent. Peaches 50% fair, 50% good. Activities: Corn, cotton, peanut planting were at or nearing completion, soybean planting advanced. Growers cultivated fields as some nut

sedge or nut grass was found in cotton, peanut fields in southeastern Virginia. Hay growers continued cutting, baling hay, weather permitting. Tobacco transplanting progressed

WASHINGTON: Days suitable for fieldwork 5.6. Topsoil moisture 4% short, 83% adequate, 13% surplus; subsoil moisture 17% short, 78% adequate, 5% surplus. Field activities, crop progress picked-up as weather improved. Physiologic leaf spot symptoms were apparent on much of the winter wheat crop, but expected impact on yields is not considered major at this time. Many growers were spraying for leaf rust on winter wheat. Aphids appeared on spring wheat, dry peas. Winter wheat, dryland 6% fair, 63% good, 31% excellent, irrigated, 80% good, 20% excellent. Barley, dryland 36% fair, 60% good, 4% excellent, irrigated, 100% good. Hay, other roughage supplies, 3% very short, 11% short, 85% adequate, 1% surplus. Range, pasture feed, 29% fair, 57% good, 14% excellent. Pasture were growing well, but still soggy in some areas. Dairymen busy making green chop. More cattle were moving onto pastures as conditions allowed. Potatoes 100% planted, 99% 1995, 100% avg.; 95% emerged, 90% 1995, 89% avg. Spring wheat 14% headed, 12% 1995, 25% avg. Corn 97% planted, 85% 1995, 92% avg. Dry beans 58% planted, 48% 1995, 61% avg. Cover sprays were being applied on fruits. Vegetable seedings were in full swing, nearing completion in some areas as conditions improved, soils dried. Strawberries were in full bloom, cranberry weed control efforts continued. Asparagus cutting continued.

WEST VIRGINIA: Days suitable for fieldwork 2.8. Topsoil moisture 51% adequate, 49% surplus. Wheat 5% poor, 43% fair, 52% good; 68% headed, 61% 1995. Hay 1% very poor, 6% poor, 48% fair, 42% good, 3% excellent; first cutting 7%, 10% 1995, 29% avg. Intended acreage prepared for Spring planting 78%, 97% 1995. Corn Planted 63%, 83% 1995, 86% avg. Oats 10% fair, 87% good, 3% excellent; 90% planted, 87% 1995, 92% avg; 81% emerged, 81% 1995, 87% avg. Soybeans Planted 9%, 43% 1995. Tobacco transplanted 9%, 47% 1995, 65% avg. Cattle 1% poor, 21% fair, 74% good, 4% excellent. Sheep 35% fair, 64% good, 1% excellent. Apples 94% fair, 6% good. Peaches 100% fair. Activities: Preparing soil, planting where conditions allow, cutting hay, chopping haylage, transplanting tobacco, working livestock.

WISCONSIN: Days suitable for fieldwork 4.9. Soil moisture: 15% short, 71% adequate, 14% surplus. Reporters from the Central District commented on the need for rainfall in some areas. Many reporters statewide commented on the corn emerging very slowly, having a yellow color from lack of sun, warm weather. Active farmers were running their tractors day, night planting corn, beans. Some early planted corn in the North Eastern District was rotted, being replanted. Many farmers are hoping for a long growing season to yield a good grain harvest. As of the 2nd, corn avg., 2.0 inches in height. Soybean planting became more active with 56% of the crop in the ground, compared to 68% last year and the 5-yr. avg., of 75%. Alfalfa first crop was reported 1% started. Most of the severe alfalfa winterkill damage was noted in the north eastern, south western Districts. Alfalfa winter freeze damage 28% none, 42% light, 22% moderate, 8% severe. Oat 3% poor, 27% fair, 57% good, 13% excellent. Winter wheat 7% very poor, 26% poor, 37% fair, 25% good, 5% excellent. Pasture feed 3% poor, 22% fair, 58% good, 17% excellent. Peas, barley were emerging. Fruit trees were in full bloom.

WYOMING: Days suitable for fieldwork 3.5. Topsoil moisture 96% adequate or surplus. Subsoil moisture 98% adequate or surplus. Crops mostly good. Barley 90% emerged, 84% 1995, 89% avg, 32% jointed, 48% 1995, 35% avg., 3% boot, 10% 1995, 6% avg. Oats 74% emerged, 62% 1995, 81% avg., 15% jointed, 24% 1995, 19% avg. Spring wheat 75% emerged, 47% 1995, 83% avg., 18% jointed, 15% 1995, 30% avg. Sugarbeets 94% emerged, 93% 1995, 92% avg. Corn 73% emerged, 59% 1995, 68% avg. Dry beans 60% planted, 39% 1995, 50% avg., 6% emerged, 22% 1995, 15% avg. Winter wheat 84% jointed, 80% 1995, 82% avg., 43% boot, 56% 1995, 51% avg., 49% fair, 51% good. Livestock good to excellent. 53% cattle, 39% sheep moved to summer pastures. Ewes lambed 83%, 83% 1995, 87% avg. Range, pasture 8% fair, 64% good, 28% excellent.

May 1996

MONTHLY DATA FROM SELECTED FOREIGN CITIES
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA

** = DATA NOT AVAILABLE

International Weather and Crop Summary

May 26 - June 1, 1996

HIGHLIGHTS

FSU-WESTERN: Showers favored winter grain development in Russia, while a drying trend lowered soil moisture for crops in southern Ukraine.

FSU-NEULANDS: Dry weather allowed spring grain planting to progress swiftly in Kazakhstan and Russia, but unusually cold weather slowed crop emergence.

EUROPE: Timely rain covered winter grains in or nearing the heading stage in the north.

AUSTRALIA: Beneficial planting rains covered Western Australia's winter grain belt.

CANADA: Late-week showers disrupted Prairie fieldwork, following 7 days of ideal planting weather.

SOUTH ASIA: The advancing monsoon brought beneficial rain to southern and eastern India and Bangladesh.

SOUTHEAST ASIA: Heavy showers in northern Vietnam caused some flooding and slowed rice fieldwork.

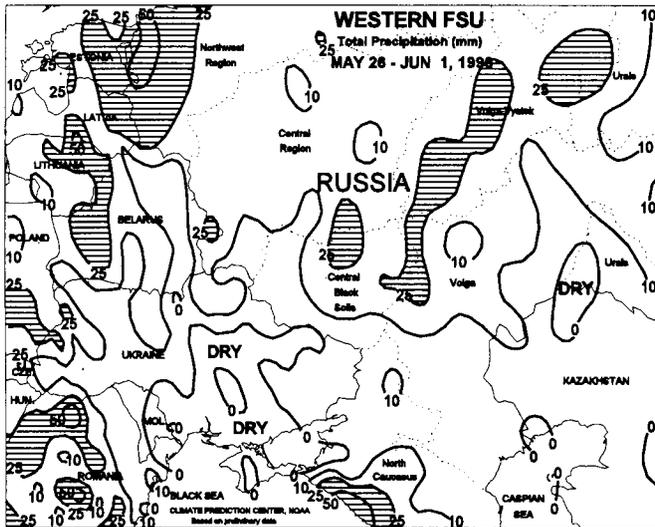
EASTERN ASIA: Light rain aided germinating summer crops across the North China Plain. Widespread seasonal showers covered central and southern China, boosting irrigation supplies for rice.

SOUTH AMERICA: Weekend rain boosted topsoil moisture for germinating winter wheat in southern Brazil.

MEXICO: Scattered rain aided germinating corn in the main corn belt, but more is needed. Rain also brought some relief to portions of the north.

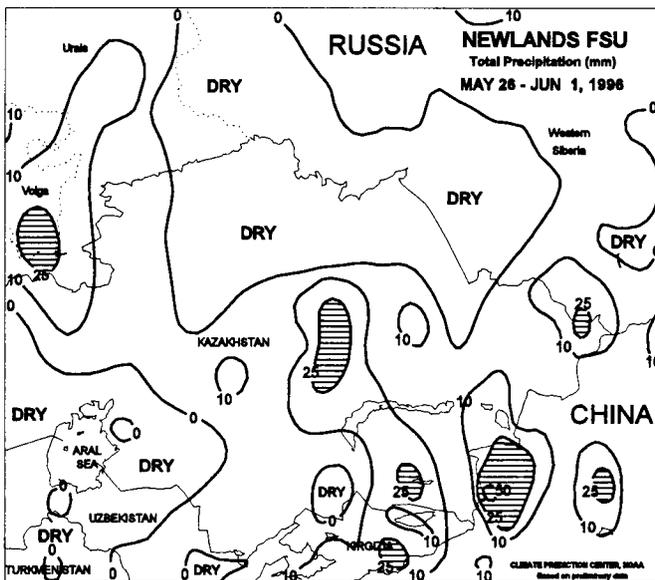
COUNTRY	CITY	TEMPERATURE					PRECIPITATION		
		(C)					(MM)		
		AVG	AVG	HI	LO	AVG	DPART	TOTAL	DPART
		MAX	MIN	MAX	MIN	AVG	F/NRM		F/NRM
NORWAY	OSLO	11	3	23	-2	7	-2.1	100	39
SWEDEN	STOCKHOLM	13	4	24	-2	9	-1.9	43	13
FINLAND	HELSINKI	14	4	25	-2	9	-0.7	78	43
U KING	GLASGOW	13	4	18	-3	9	-2.6	41	-30
	EDINBURGH	13	5	18	-2	9	-1.4	66	15
	BIRMINGHAM	14	4	24	-3	9	-1.9	40	-16
	LONDON	14	6	24	-2	10	-1.6	36	-19
IRELAND	DUBLIN	13	4	21	-2	9	-2.0	68	13
ICELAND	REYKJAVIK	10	5	16	-1	7	1.1	61	17
DENMRK	COPENHAGEN	12	6	22	0	9	-2.9	91	49
LUXEMB	LUXEMBOURG	15	7	26	2	11	-1.0	69	-7
SWITZL	ZURICH	17	9	28	5	13	0.5	135	29
	GENEVA	19	9	29	3	14	1.3	75	1
FRANCE	PARIS/ORLY	17	8	30	3	12	***	33	**
	STRASBOURG	17	9	30	3	13	-0.5	106	29
	BOURGES	18	8	29	3	13	-0.2	69	-11
	BORDEAUX	20	10	34	4	15	1.0	75	-2
	TOULOUSE	20	11	28	4	15	0.9	60	-14
	MARSEILLE	23	13	28	9	18	0.9	10	-32
SPAIN	VALLADOLID	20	8	32	2	14	0.0	65	18
	MADRID	22	9	33	3	15	-1.1	88	48
	SEVILLE	26	14	38	8	20	0.2	81	42
PORTUG	LISBON	22	13	33	9	17	-0.2	152	109
GERMANY	HAMBURG	15	7	27	0	11	-1.3	66	9
	BERLIN	16	9	30	3	12	-1.6	99	43
	DUSSELDORF	16	8	27	-1	12	-2.1	56	-4
	LEIPZIG	15	8	29	3	12	-1.2	49	-2
	DRESDEN	15	8	28	3	12	-1.4	85	22
	STUTTGART	16	8	29	3	12	-0.5	127	48
	NURNBERG	17	8	29	-1	12	-1.0	69	4
AUSTRI	VIENNA	20	11	27	4	15	0.3	129	67
	INNSBRUCK	20	8	30	2	14	0.7	129	37
CZECH	PRAGUE	17	8	27	2	12	-0.5	98	19
POLAND	WARSAW	21	10	27	1	15	1.9	68	11
	LODZ	19	10	27	3	15	1.6	82	31
	KATOWICE	19	10	28	3	15	1.7	117	49
	PRZEMYSL	21	11	30	5	16	2.8	134	58
HUNGAR	BUDAPEST	23	13	30	7	18	1.8	101	47
F YUGO	BELGRADE	25	15	35	7	20	2.4	108	35
ROMANI	BUCHAREST	26	12	33	8	19	2.5	51	-20
BULGAR	SOFIA	23	12	31	6	17	2.4	59	-16
ITALY	MILAN	24	13	31	8	19	2.1	47	-49
	VERONA	23	12	29	7	18	0.6	64	-21
	VENICE	22	14	27	8	18	1.1	67	1
	GENOA	21	15	29	12	18	0.3	46	-62
	ROME	22	11	27	7	16	-1.0	79	45
	NAPLES	24	15	29	11	19	1.4	48	-4
GREECE	THESSALONIKA	26	15	32	11	20	0.9	31	-15
	LARISSA	27	13	34	9	20	0.6	8	-29
	ATHENS	26	17	30	13	22	1.3	2	-21
TURKEY	ISTANBUL	24	15	29	12	20	3.8	24	-6
	ANKARA	23	8	27	3	15	-1.4	51	9
CYPRUS	LARNACA	28	17	33	13	22	1.7	1	-10
ESTONI	TALLINN	13	4	22	0	9	-1.1	67	34
FSU	ST. PETERSBURG	15	6	25	2	10	-0.5	93	56
LITHUA	KALINAS	18	9	28	3	14	1.2	73	18
FSU	MINSK	20	11	29	3	15	2.2	89	28
	KAZAN	**	**	30	-1	**	***	14	-21
	MOSCOW	21	10	29	1	16	2.6	75	21
	YEKATERINBURG	18	7	30	-1	13	1.6	47	3
	OMSK	18	6	30	-2	12	0.2	16	-16
	KUSTANAY	23	8	33	-9	15	1.5	14	-12
	NOVOSIBIRSK	17	5	30	-5	11	1.3	15	-18
	BARNAUL	19	5	31	-1	12	0.2	91	53
	KHABAROVSK	20	8	28	1	14	2.1	15	-44
	VLADIVOSTOK	12	5	23	2	9	-0.8	99	30
	KIEV	24	13	33	7	19	3.7	25	-26
	LVOV	22	11	30	4	17	3.4	87	12
	KIROVOGRAD	25	13	34	7	19	3.6	17	-31
	ODESSA	22	14	31	9	18	2.8	17	-21

Based on Preliminary Reports



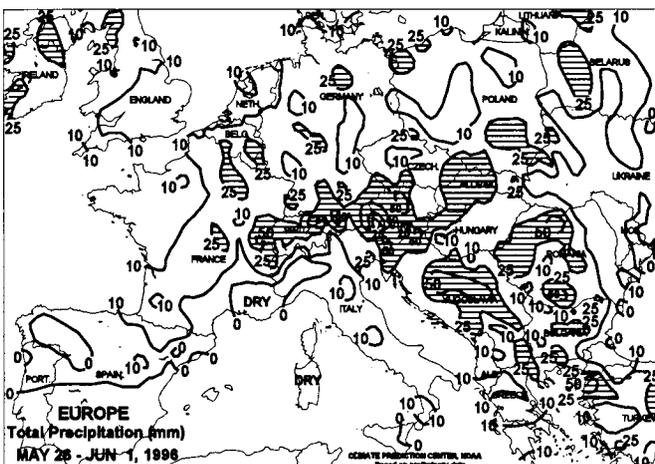
FSU-WESTERN

In Russia, light to moderate showers (4-25 mm, with local amounts in excess of 25 mm) were timely for winter grains in or nearing the heading stage in the north (Central Region, Volga Vyatsk Region, northern Black Soils Region, and the middle and upper Volga Valley). The rain also favored winter grains in the filling stage and emerging summer crops (corn, sunflowers, and sugar beets) in the south (North Caucasus, lower Volga Valley, and southern Black Soils Region). Weekly temperatures averaged near normal over most of Russia. In Ukraine, reports indicated that planting of spring and summer crops was virtually completed. Light showers (4-21 mm) and seasonable temperatures benefited crop development in western and northern Ukraine. However, crop areas in southern Ukraine have experienced a drying trend since March and soil moisture was limited. Farther north, unseasonably cool, wet weather prevailed over crop areas in western Belarus and the Baltics, where rainfall ranged from 10 to 50 mm.



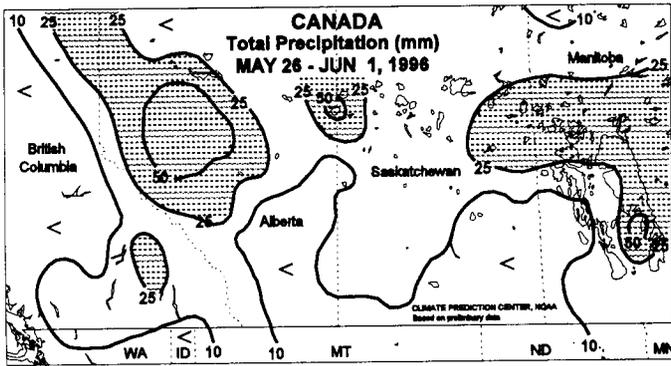
FSU-NEW LANDS

In Russia, unseasonably cold, dry weather prevailed over most areas during the week. The dry weather allowed spring grain planting to advance at a swift pace. However, unseasonably cold weather (weekly temperatures averaging 2-6 degrees C below normal) was accompanied by subfreezing temperatures on some nights, slowing crop emergence. Farther south, grain areas in Kazakhstan experienced similar weather conditions to those in Russia. Although spring grain planting in Russia remained well behind that of last year, reports indicated that spring grain planting in Kazakhstan was progressing on schedule and was expected to reach completion by early June.



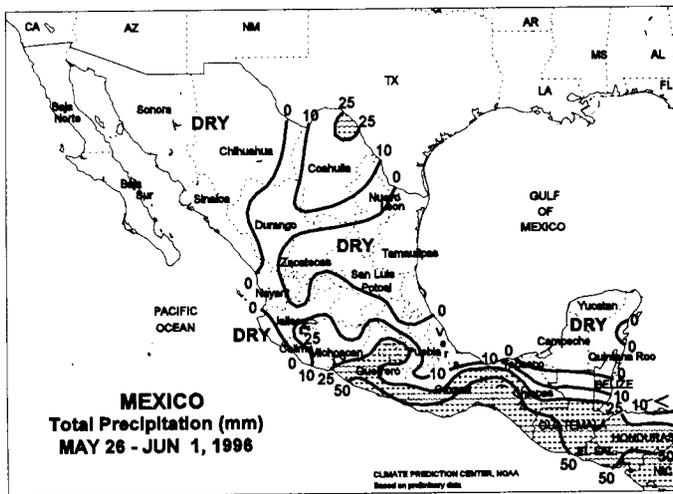
EUROPE

Light to moderate showers (5-20 mm, with local amounts in excess of 25 mm) continued to fall from England and northern France, eastward through Germany into Poland, improving soil moisture. The rain in these areas was also timely for winter grains that were in or nearing the reproductive phase of development. Farther south, light, scattered showers (6-19 mm) were accompanied by seasonable temperatures over southern France and northern Italy, favoring winter grains in the filling stage and summer crop development. In Spain, hot, dry weather prevailed over most of the country, favoring winter grain maturation and promoting summer crop development. Reservoir levels in Spain, reportedly at record highs in some areas, are at sufficient levels to provide water throughout the typically dry summer months when irrigation is needed. In southeastern Europe, rainy weather (10-53 mm) over Hungary, Romania, eastern former Yugoslavia, and Bulgaria benefited winter grains in the filling stage and emerging summer crops.



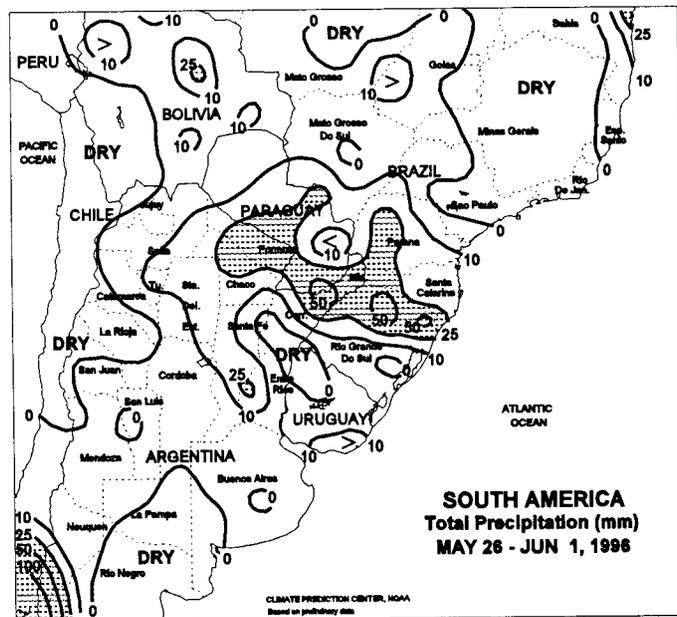
CANADA

Late-week showers throughout major Prairie crop areas slowed or halted fieldwork, following about 7 days of ideal planting weather. Heaviest rain (10-25 mm or more) occurred in central and northeastern Saskatchewan and much of Manitoba, where this season's planting is farthest behind schedule. Lighter rain (10 mm or less) in southern Saskatchewan and western Manitoba allowed planting to progress. Fieldwork in Alberta was likely nearing completion due to rapid progress over the past few weeks. Planting conditions through next week will be critical for the eastern Prairies in meeting their initial planting intentions. Weather will be especially critical in northern Saskatchewan and in Manitoba along the Red River into the Interlakes, where soil conditions are the poorest for fieldwork. Farther east, cool, dry weather covered Ontario and Quebec. Patchy frost in Ontario's interior wheat area likely caused some burn back.



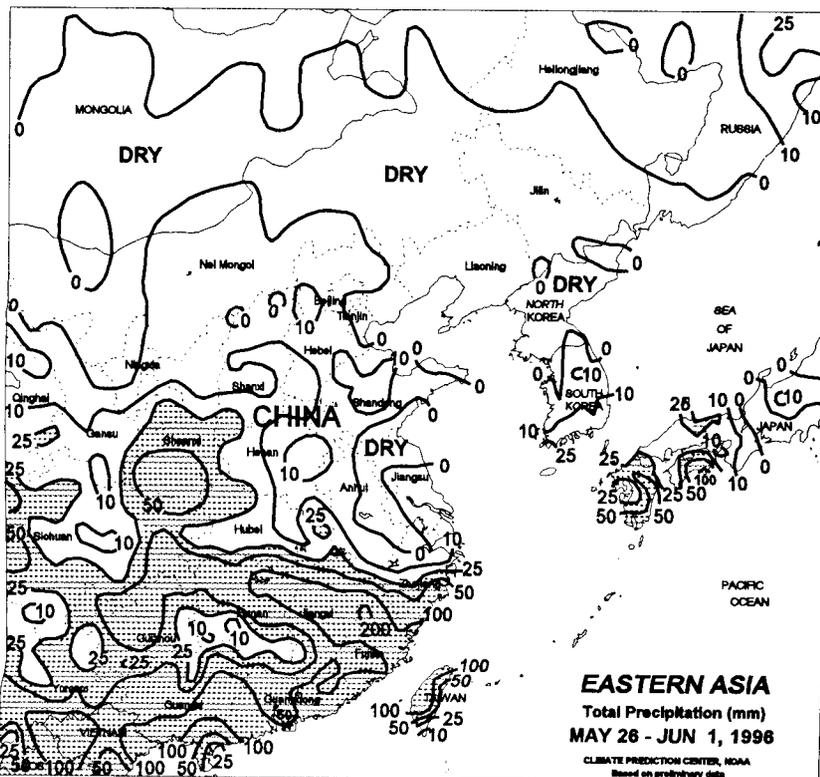
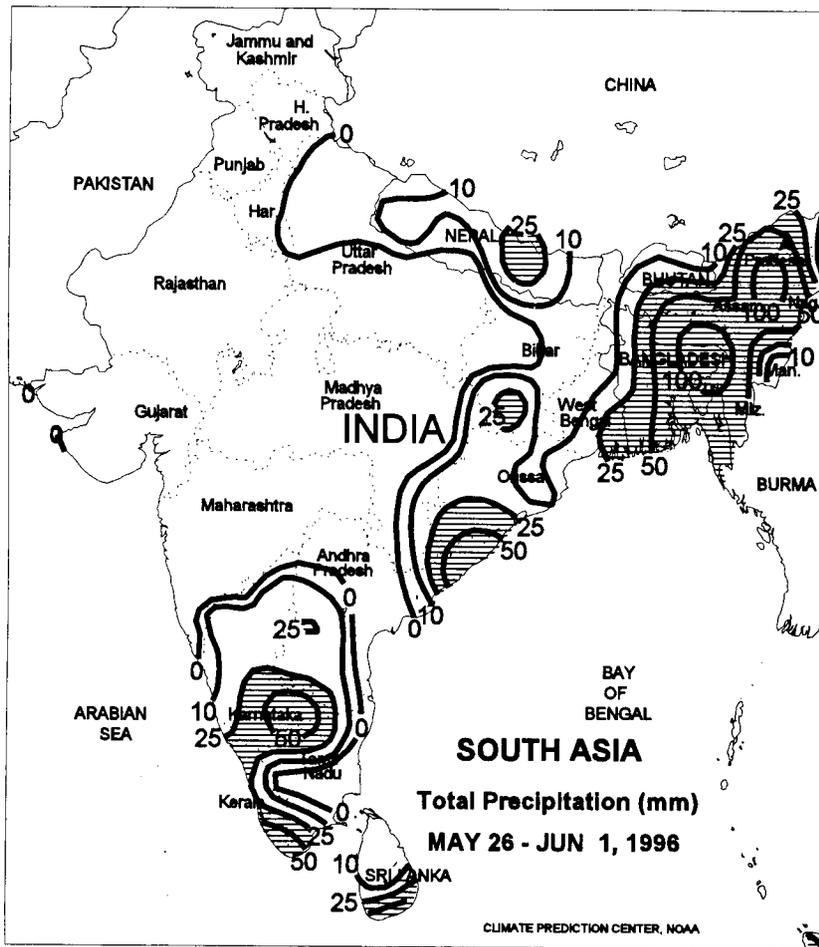
MEXICO

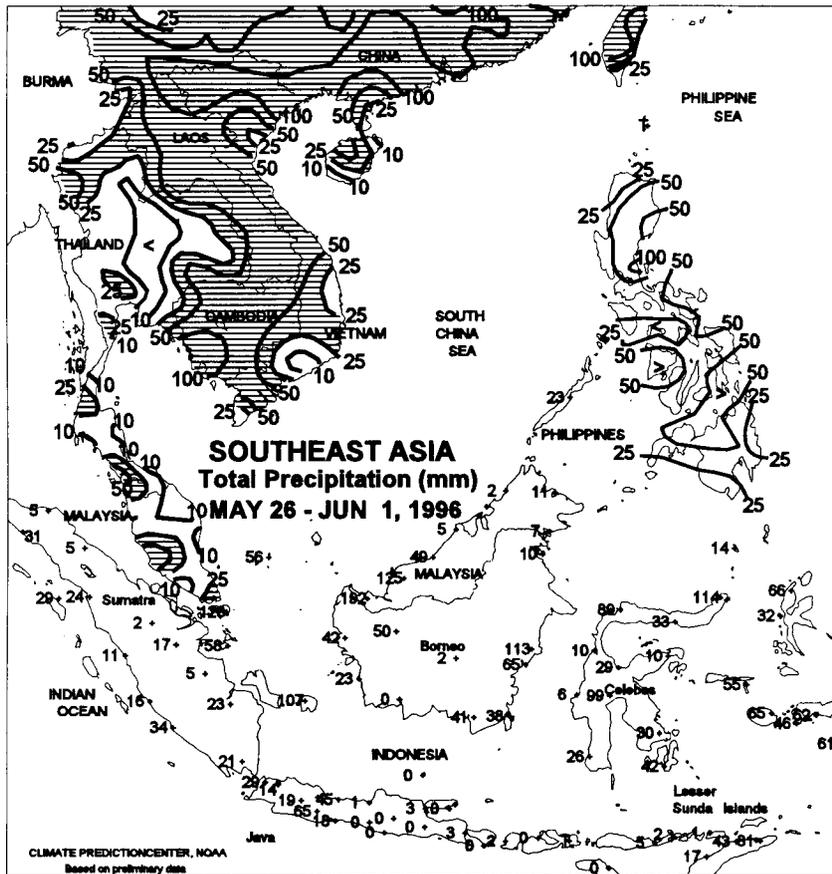
Portions of Southern Plateau corn belt (southern Jalisco, Michoacan, Mexico, and Puebla) received showers (5-20 mm), increasing topsoil moisture for germinating corn. While these rains are beneficial for germinating corn and may signal the start to the rainy season, they are still too erratic and scattered to declare that the season has begun. Widespread moderate showers (25-60 mm) were confined to the extreme southern corn growing areas of Guerrero, Oaxaca, and Chiapas. Rain (5-35 mm) fell across north-central Mexico (Durango and Coahuila), bringing some relief to the drought-plagued region. However, northwestern and northeastern Mexico remained dry. Temperatures across northeastern and central Mexico averaged 2 to 4 degrees C above normal, increasing water demands on already low moisture supplies.



SOUTH AMERICA

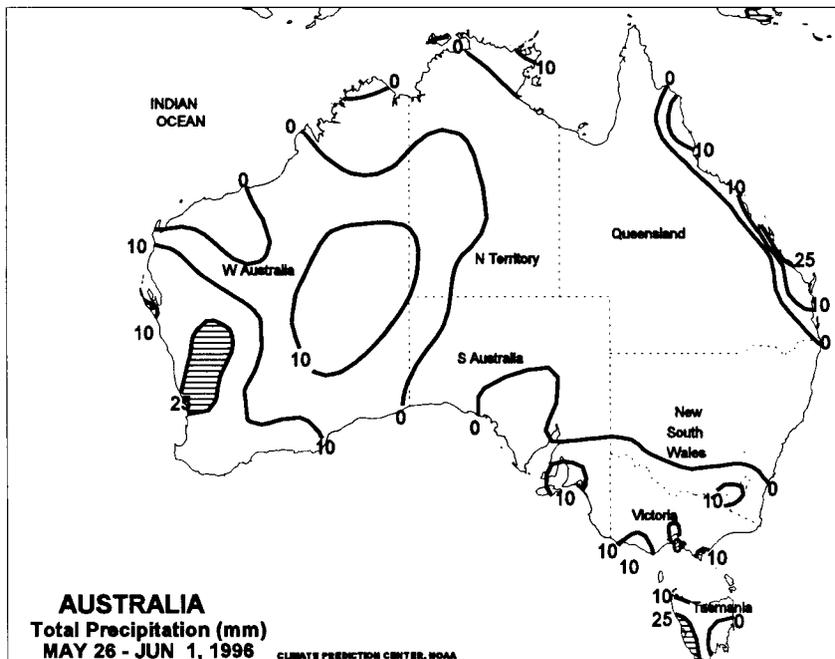
Late-week rain (10-40 mm) boosted topsoil moisture for germinating winter wheat in southeastern Brazil (eastern Parana and eastern Rio Grande do Sul). The rain ended a drying trend of several weeks. Minimum temperatures dropped to 1 to 2 degrees C across eastern Rio Grande do Sul, producing some local frost and burning back wheat. However, frost damage at this time of year is reversible. In central Argentina, mostly dry weather aided summer crop harvesting and winter wheat planting. Moderate showers (20-35 mm) slowed cotton harvesting in the north.





SOUTHEAST ASIA

Heavy showers (50-150 mm) fell across northern Vietnam, causing some flooding, but boosting irrigation supplies. The rain slowed winter-spring rice harvesting and summer-autumn transplanting. The remainder of Vietnam received moderate showers (15-60 mm). Drier weather (less than 25 mm) prevailed across most of Thailand, aiding main-season rice transplanting. Seasonable showers (25-70 mm) covered the Philippines, favoring main-season crops. Light to moderate rain (5-30 mm) caused little rice harvest delay in Java.



AUSTRALIA

Beneficial rain (10-30mm) swept through Western Australia's winter grain areas, increasing topsoil moisture for germination. Farther east, light, scattered showers (10 mm or less) had begun by week's end across the southeastern grain belt (South Australia, Victoria, and southern New South Wales). This rain will spur planting in major winter wheat and barley areas. However, additional rain will be needed in upcoming weeks for uniform germination and proper establishment, especially in the southeast. Elsewhere, sorghum and cotton harvesting was winding down in east-central Australia (Queensland and northern New South Wales) under favorably dry conditions. This region's winter grain planting has made good progress in recent weeks, following the unseasonable rains of late April and early May. Scattered, mostly light rain (25 mm or less) fell along Queensland's coast. The rain boosted moisture reserves prior to sugarcane harvesting and planting, which typically begin in July. In New Zealand, rainfall was light (10 mm or less) in most primary pasture areas.

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Pasture and Range Crop Condition by Percent Week Ending June 2, 1996											
	VP	P	F	G	EX		VP	P	F	G	EX
AL	2	11	57	30	0	NH	0	2	16	81	1
AZ	50	28	14	8	0	NJ	0	0	10	60	30
AR	0	19	42	33	6	NM	45	40	13	2	0
CA	0	0	5	65	30	NY	0	0	13	70	17
CO	7	14	36	41	2	NC	0	4	22	68	6
CT	0	0	29	71	0	ND	0	3	22	66	9
DE	0	0	19	73	8	OH	2	9	35	43	11
FL	0	5	35	50	10	OK	3	21	57	18	1
GA	1	10	37	50	2	OR	0	0	4	67	29
ID	0	1	6	56	37	PA	0	6	23	61	10
IL	1	4	28	55	12	RI	0	2	4	82	12
IN	1	10	23	53	13	SC	2	4	23	59	12
IA	1	6	26	58	9	SD	1	5	15	58	21
KS	6	21	35	35	3	TN	0	6	34	53	7
KY	1	4	21	63	11	TX	27	32	35	6	0
LA	2	18	45	33	2	UT	2	10	24	52	12
ME	0	0	30	37	33	VT	0	0	13	45	42
MD	0	3	19	58	20	VA	0	0	13	66	21
MA	0	0	2	96	2	WA	0	0	29	57	14
MI	4	10	31	37	18	WV	0	3	36	54	7
MN	2	12	46	36	4	WI	0	3	22	58	17
MS	9	15	35	35	6	WY	0	0	8	64	28
MO	1	10	46	39	4	ALL	6	11	29	44	10
MT	0	2	22	57	19						
NE	1	7	36	51	5	Prev Wk	7	14	30	40	9
NV	0	4	18	45	33	Prev Yr	1	5	23	54	17

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