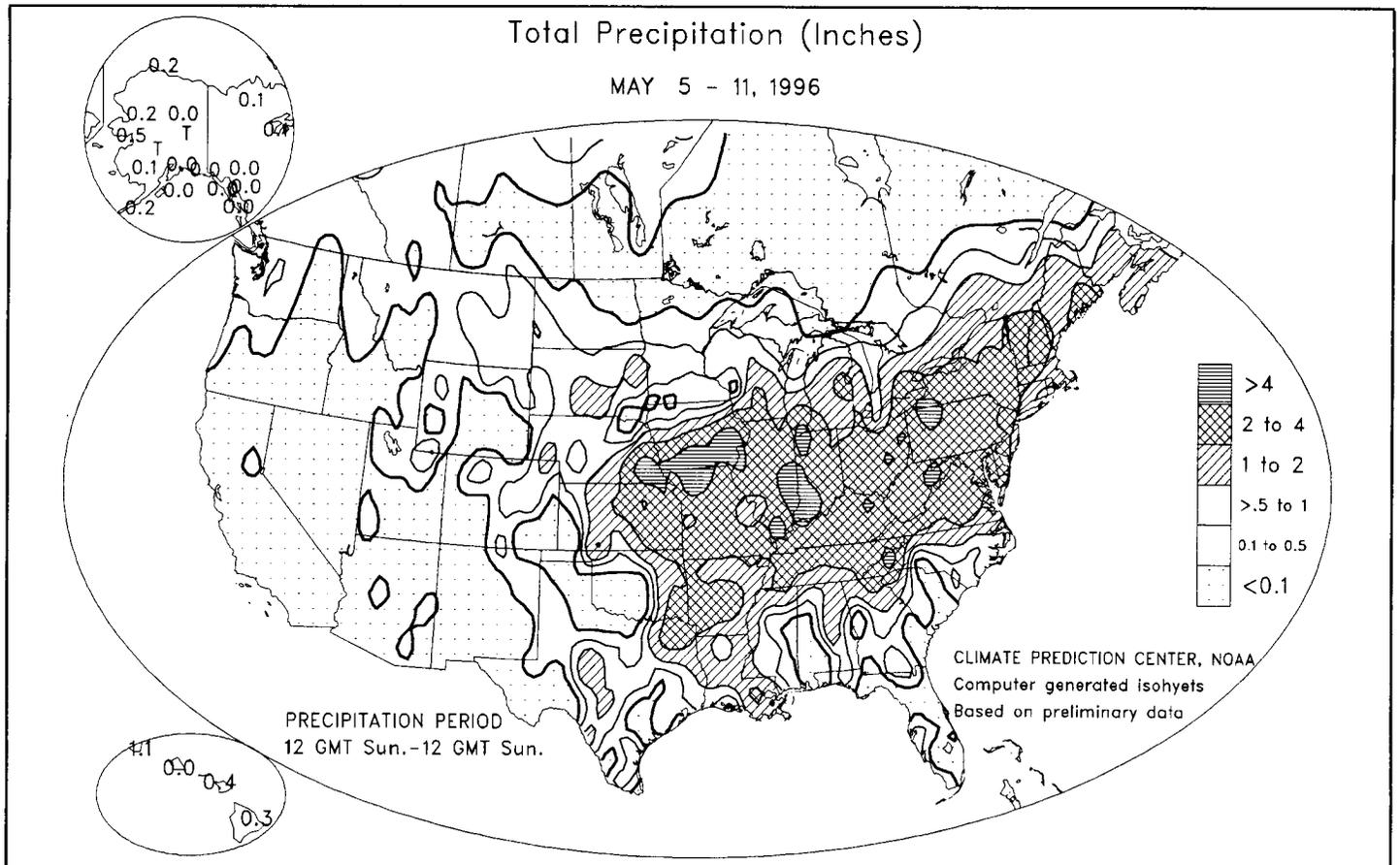


WEEKLY WEATHER AND CROP BULLETIN

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

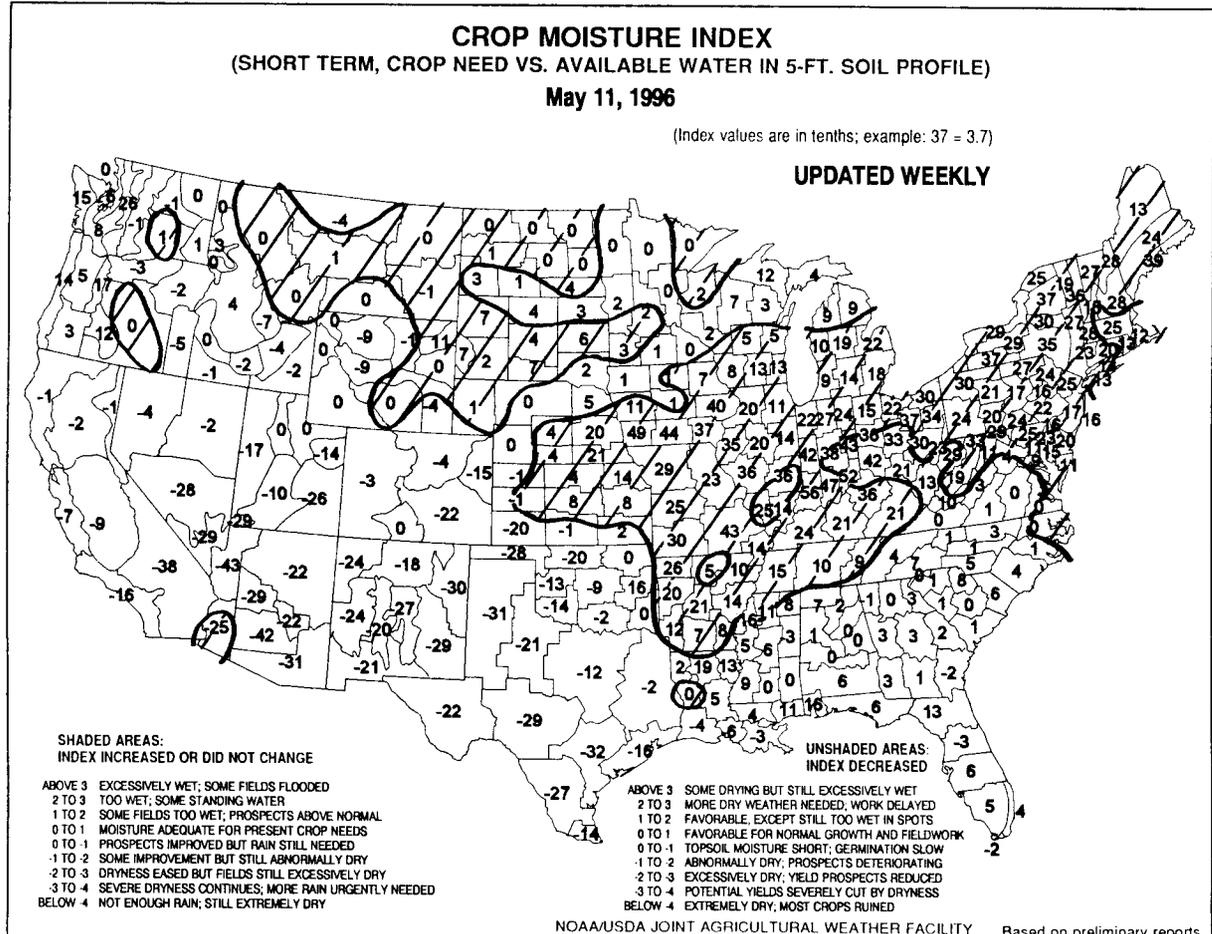
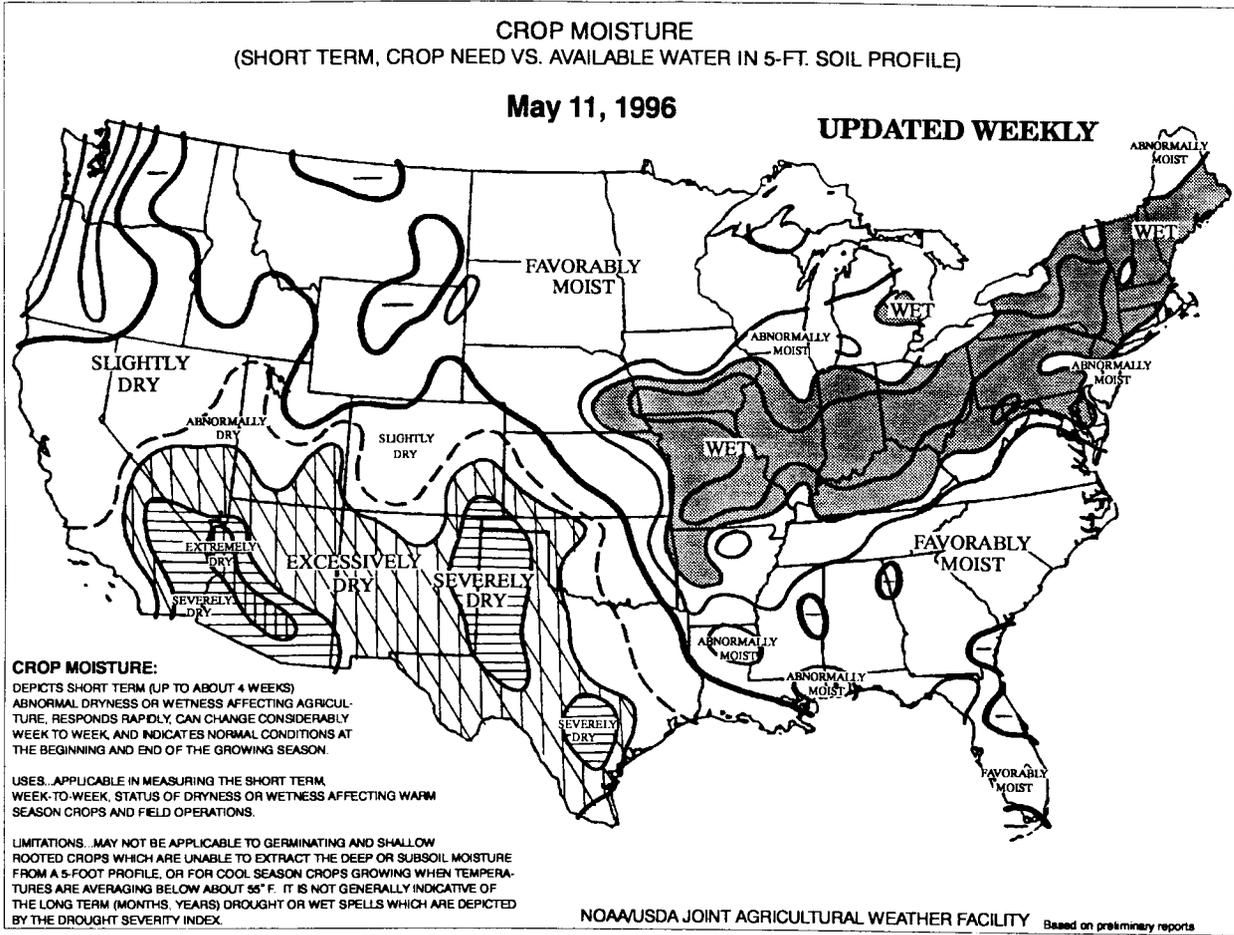
May 5 - 11, 1996

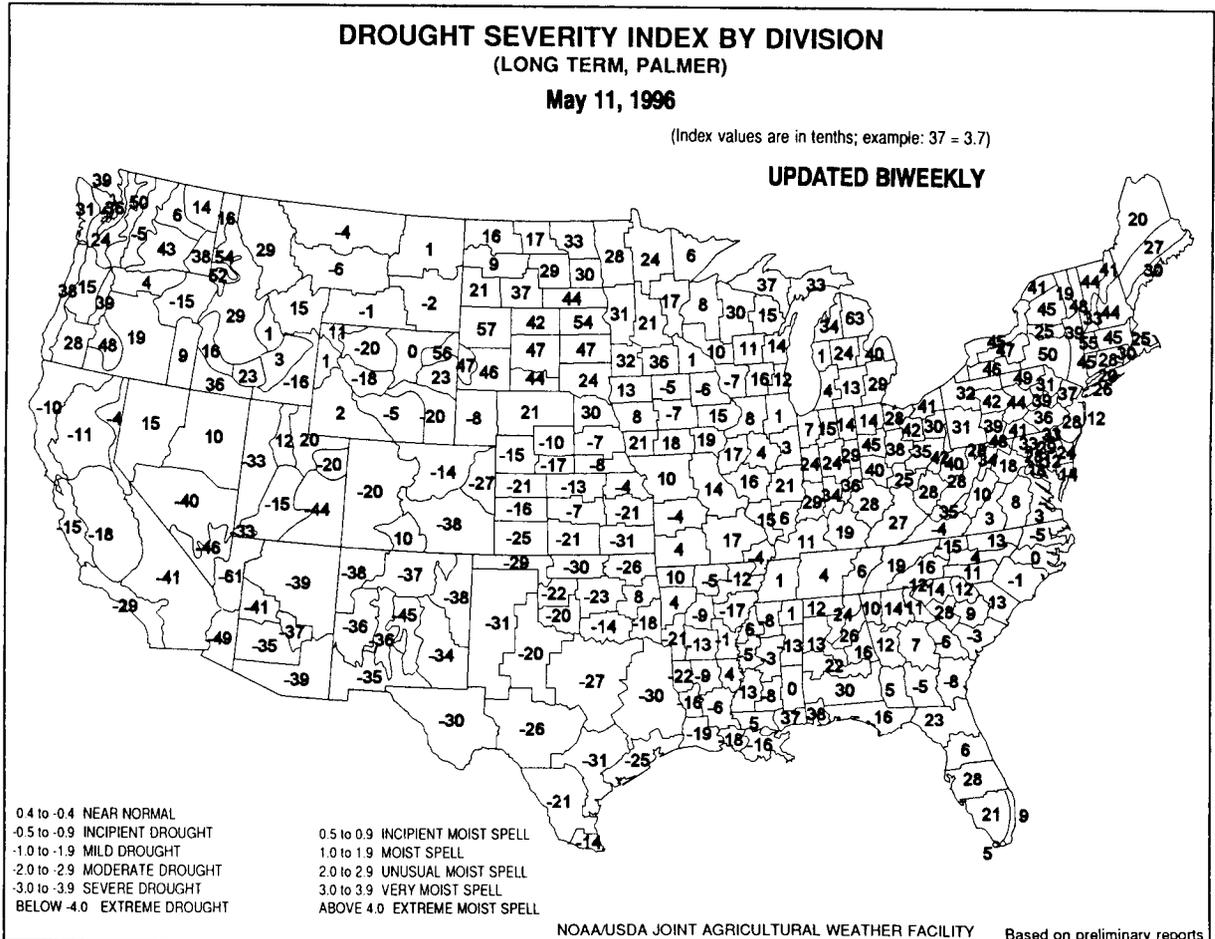
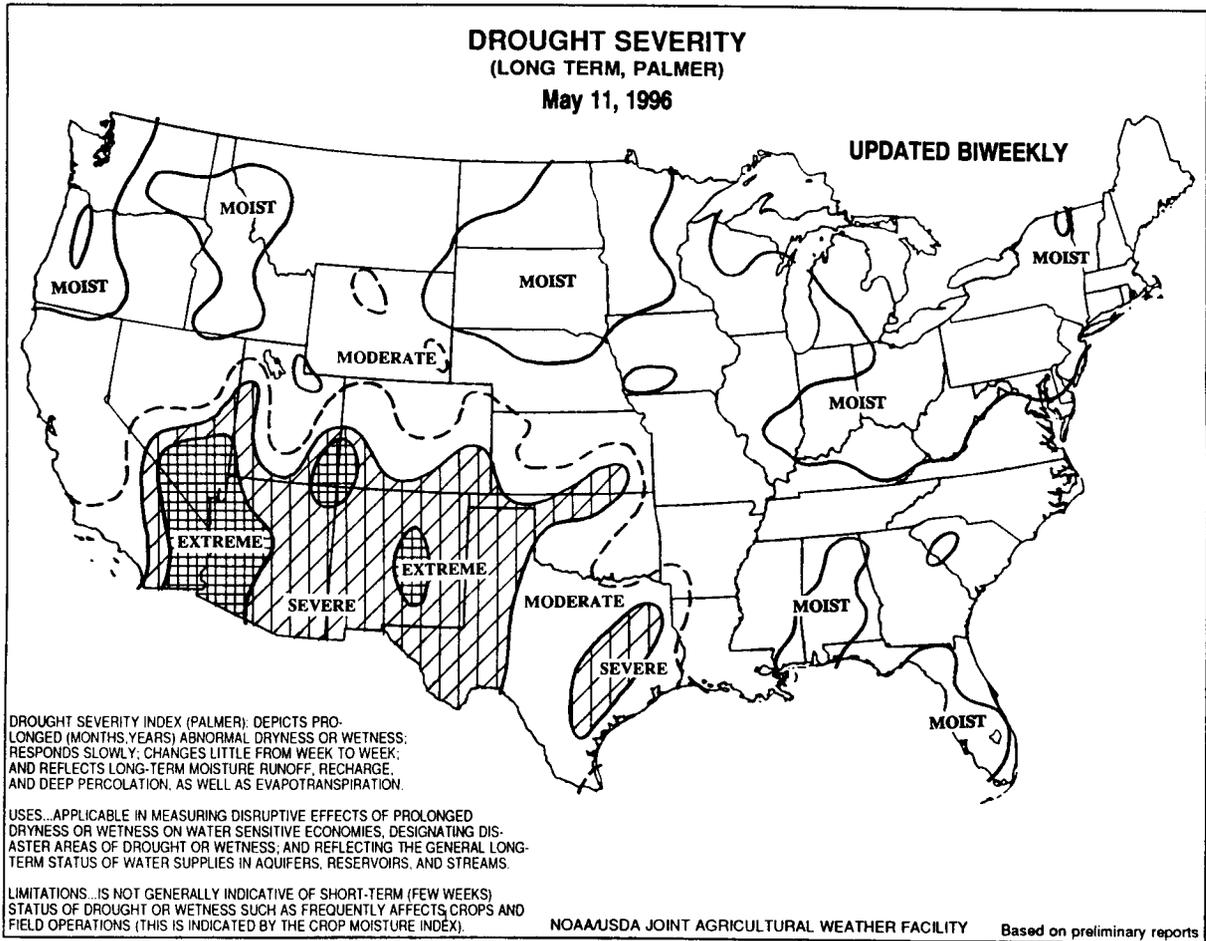
Continuing a 3-week trend, an unusually strong polar jet stream bisected the Nation, focusing heavy rainfall and flooding in the **Ohio and middle Mississippi Valleys**. Weekly rainfall totaled 2 to 6 inches from the **east-central Plains** to the **Northeast**, including the **Corn Belt** (except northwestern areas). Cool weather persisted in the **northern half of the Nation**, hampering crop development, while heat and drought intensified across the **southern Plains** and the **Southwest**. Weekly temperatures ranged from 12°F below normal in the **northern Plains** to as much as 10°F above normal in the **southern High Plains**. Warm and drier conditions prevailed in the Southeast.

(Continued on page 5)

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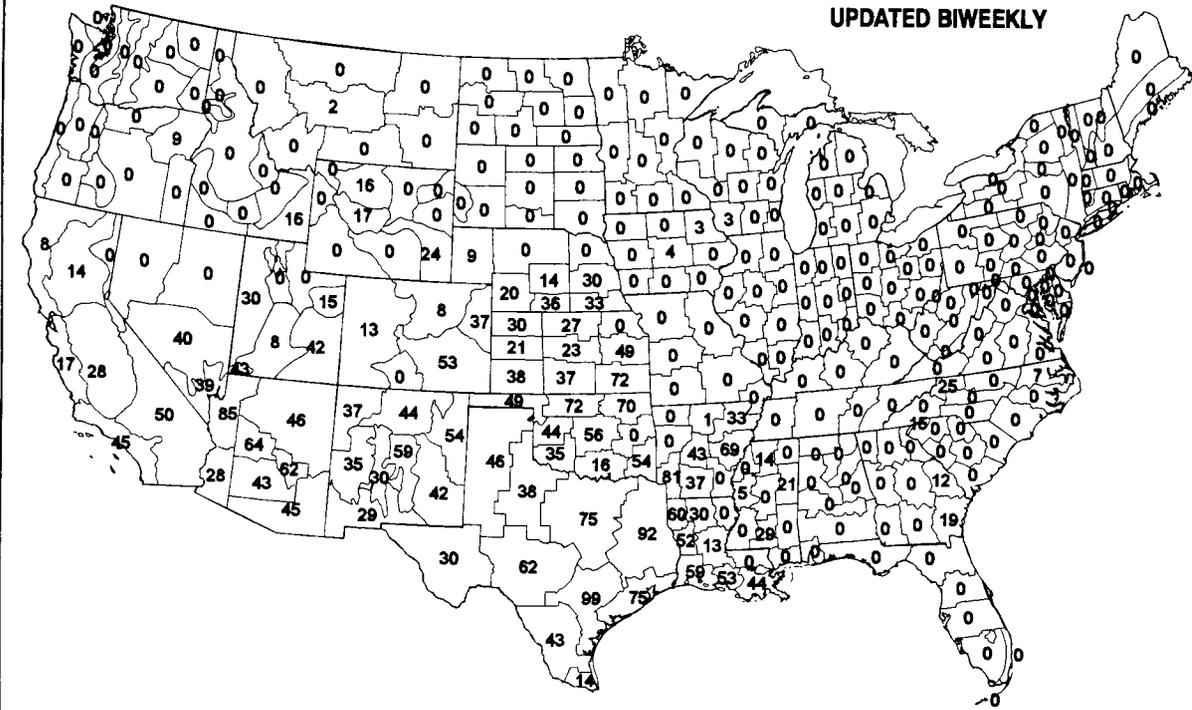




ADDITIONAL PRECIPITATION NEEDED TO BRING INDEX NEAR ZERO
 (LONG TERM, PALMER)
 May 11, 1996

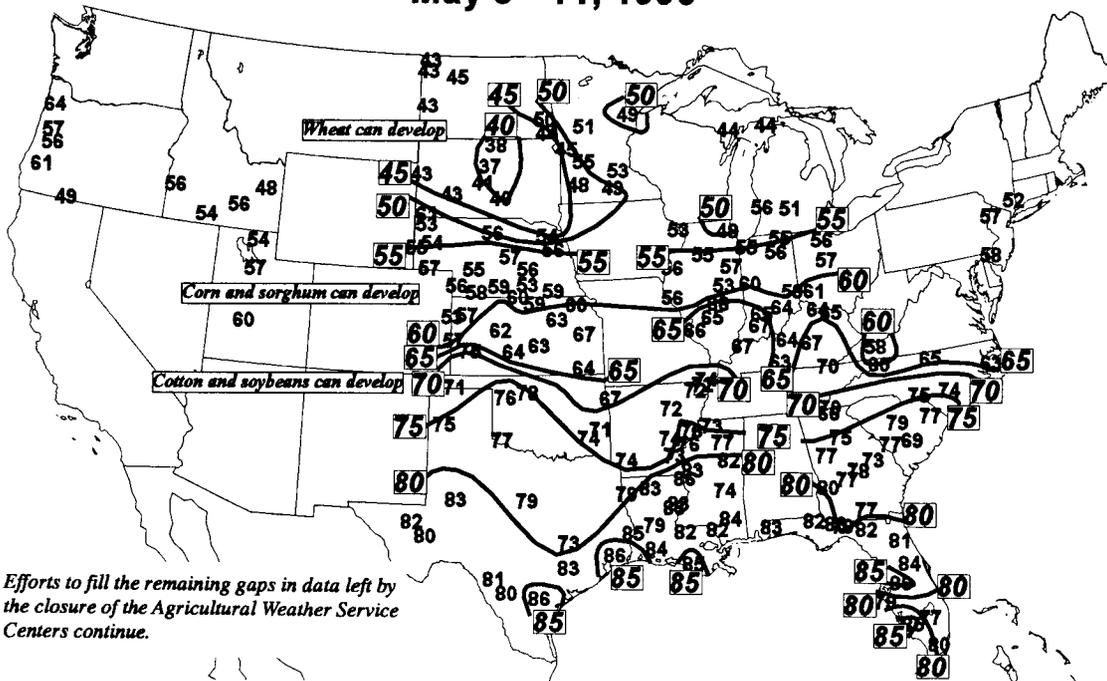
(Index values are in tenths; example: 37 = 3.7)

UPDATED BIWEEKLY



NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY Based on preliminary reports

Average Soil Temperature (°F 4-Inch Bare)
 May 5 - 11, 1996



Efforts to fill the remaining gaps in data left by the closure of the Agricultural Weather Service Centers continue.

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary data

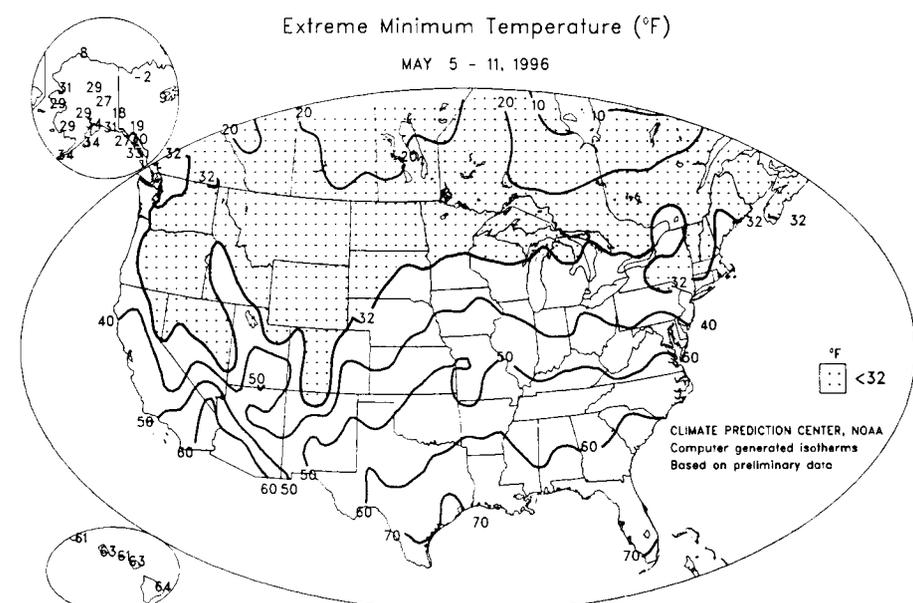
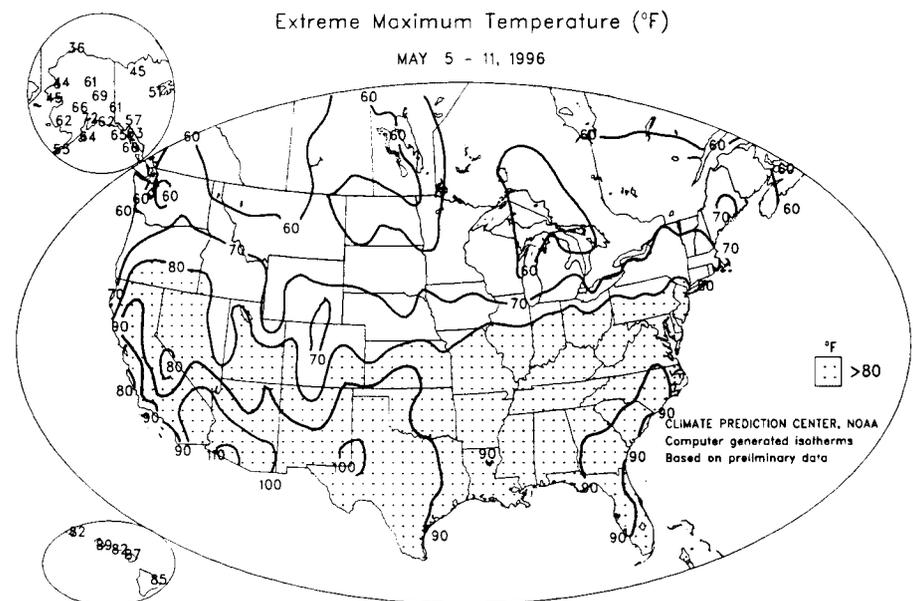
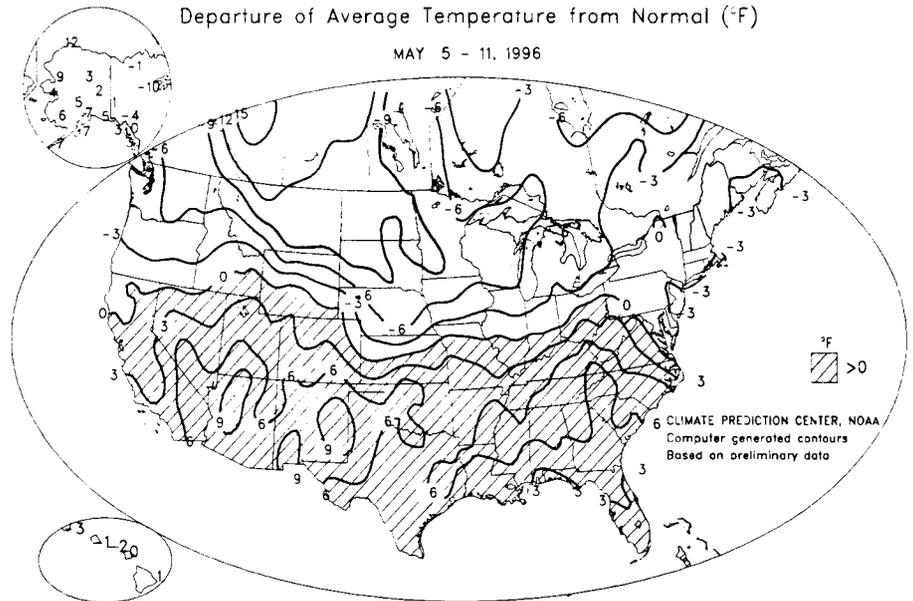
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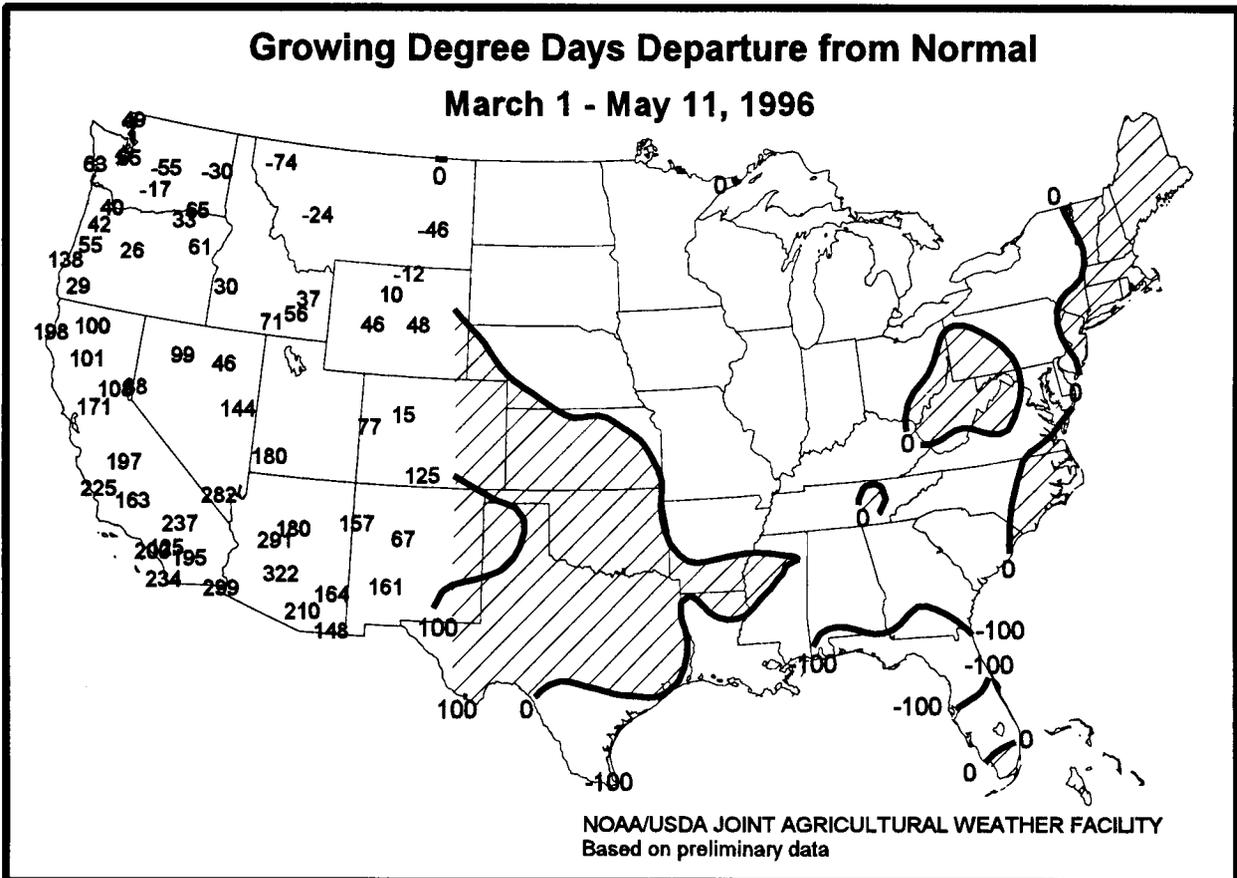
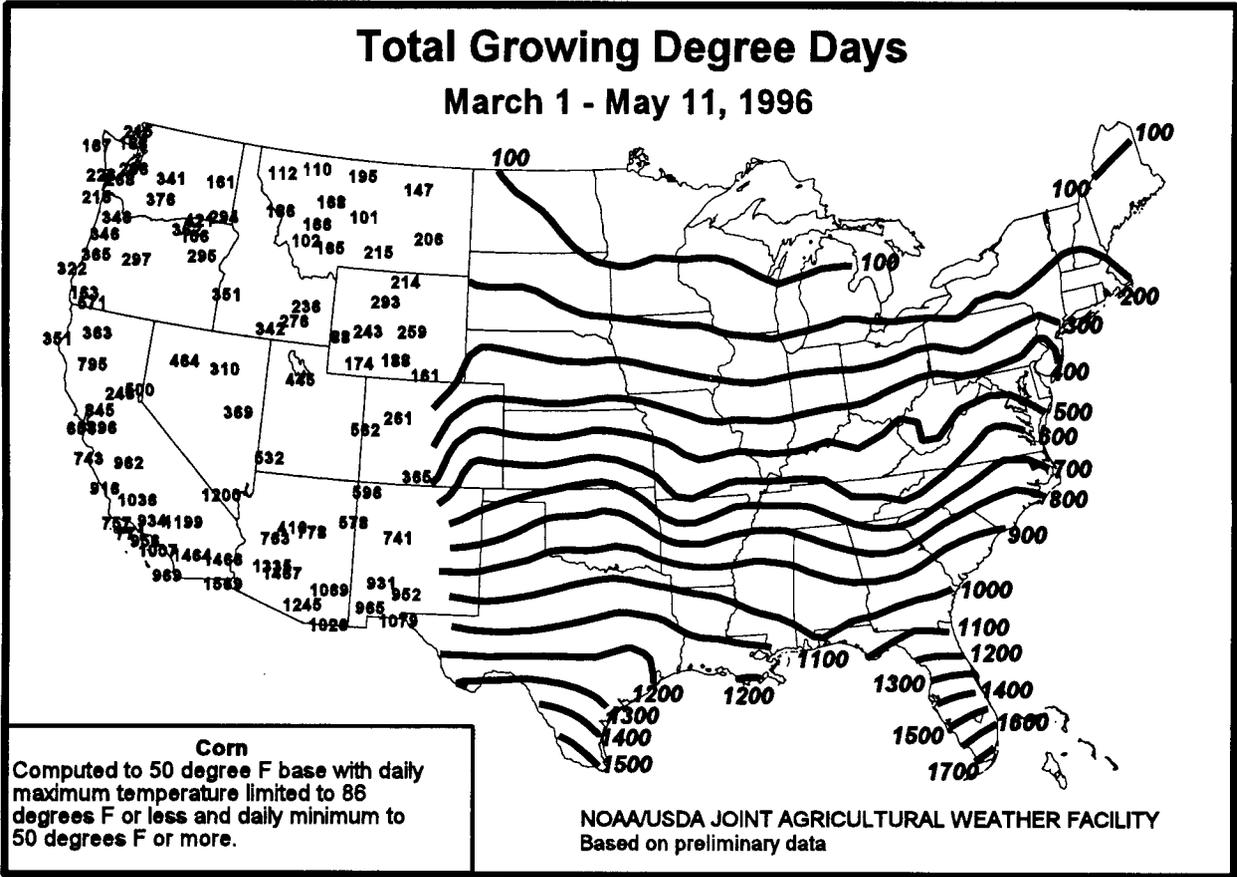
On Sunday, **Lexington, KY** received 3.02 inches, a daily record and only 0.01 inches shy of their single-day May record (May 1, 1983). A day later, 2.16 inches deluged **Little Rock, AR**, their greatest 1-day amount since May 13, 1994. Heavy rain shifted briefly northward on Thursday, resulting in a May-record 24-hour total of 3.65 inches in **Des Moines, IA**. Elsewhere in **Iowa**, **Nichols (Muscatine County)** collected a weekly total of 8.85 inches, while **Williamsburg (Iowa County)** measured 7.29 inches. Farther east, weekly rainfall topped 2 inches in locations such as **Columbus, OH**, **Washington, DC**, and **Albany, NY**. Totals exceeded an inch across the eastern two-thirds of **Kansas**—25 percent (%) of **Wichita's** year-to-date total and 31% of **Concordia's**—further easing long-term drought, but arriving too late to significantly improve winter wheat conditions.

Cold air cloaked the **northern Plains** and **Northwest**, setting about two dozen daily records. On Sunday, daily-record lows in **Montana** dipped to 18°F in **Butte** and 22°F in **Missoula**. A day later, **Great Falls** registered 26°F. In parts of **Montana**, snow accompanied the chill, leaving Thursday-morning depths at 3 inches in **Miles City** and **Browning**. On May 7-10, four consecutive daily records were notched in **Yakima, WA**, including 26°F on Wednesday. In **Oregon**, among **Pendleton's** three records in a row was a low of 31°F on Thursday. Sub-freezing temperatures dotted **Oregon's Willamette Valley** at midweek, where **Salem** recorded 31°F. On Tuesday, frost was observed in the **interior Northeast**, where **Scranton, PA** and **Windsor Locks, CT** tallied daily-record lows of 31°F.

On the **Texas plains**, both **Amarillo (98°F on May 8-9)** and **Lubbock (98°F on Tuesday; 97°F on Thursday)** logged a pair of daily-record highs. Scattered thunderstorms prowled the region after midweek, but provided little drought relief. On Thursday, the storms produced localized high winds, including gusts to 61 mph (and 0.20 inches of rain) in **Lubbock** and 64 mph in **Midland**. Thursday's storms also peppered the **Plains** with damaging hail, including reports in **Kansas** of 4½-inch diameter stones near **Dodge City** and **Concordia**. Earlier in the week, thunderstorm winds reached 91 mph at **Ft. Leonard Wood, MO** (on Sunday) and 70 mph in **Little Rock, AR** (on Monday). As a cold front swept through the **East** on May 11, thunderstorm winds were clocked to 64 mph in **Raleigh-Durham, NC** and 60 mph in **Richmond, VA**. During the week, more than 50 tornadoes were spotted, mostly from the **Midwest** to **Texas**.

At week's end, heat intensified across the **Southwest**, where a dozen daily records were broken. In **Arizona**, **Lake Havasu City's** high soared to 113°F on Saturday. As of May 13, year-to-date wildfires in drought areas of the **Plains** and **Southwest** have charred more than 1.25 million acres (nearly 2000 square miles). Above-normal temperatures also continued in **Alaska**, where highs rose to 36°F (tying daily records on May 9-10) in **Barrow** and 72°F (on Saturday) in **Anchorage**. In **Duluth, MN**, however, the mercury struggled above 60°F on May 9, their first such occurrence of the year and second-latest on record (May 11, 1950).





National Weather Data for Selected Cities

Weather Data for the Week Ending May 11, 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 Mar 1	PCT. NORMAL SINCE Mar 1	TOTAL IN, SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP, °F		PRECIP.	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.05 INCH OR MORE
AL BIRMINGHAM	86	64	88	59	75	7	1.28	0.14	--	14.58	112	27.27	119	99	51	0	0	--	--
AL MOBILE	85	65	86	61	75	2	0.19	-1.09	0.19	21.10	166	31.74	137	96	53	0	0	1	0
AL MONTGOMERY	86	63	87	60	75	6	0.63	-0.25	0.63	14.92	125	26.14	117	94	49	0	0	1	1
AK ANCHORAGE	63	40	72	34	52	7	0.00	-0.15	0.00	0.51	31	3.02	94	91	28	0	0	0	0
AK BARROW	31	23	36	8	27	12	0.17	0.14	0.07	0.35	83	0.48	71	96	87	0	6	4	0
AK FAIRBANKS	62	33	69	27	48	2	0.01	-0.10	0.01	0.67	76	2.40	134	91	25	0	3	1	0
AK JUNEAU	57	33	63	30	45	0	--	--	--	--	--	--	--	90	23	0	3	--	--
AK KODIAK	58	41	64	34	49	7	0.00	-1.23	0.00	11.24	105	16.17	69	87	42	0	0	0	0
AZ NOME	39	33	45	29	36	4	0.52	0.38	0.19	1.46	101	4.38	153	96	71	0	2	4	0
AZ PHOENIX	89	68	107	66	84	7	0.00	-0.03	0.00	0.55	48	1.81	72	27	8	7	0	0	0
AZ PRESCOTT	85	50	95	46	68	12	0.00	-0.14	0.00	1.15	41	2.19	37	38	14	1	0	0	0
AZ TUCSON	98	61	106	58	80	8	0.00	-0.06	0.00	0.32	30	1.13	43	28	6	7	0	0	0
AZ YUMA	100	68	107	66	84	7	0.00	-0.01	0.00	0.43	108	0.61	63	40	9	7	0	0	0
AR FORT SMITH	82	63	86	56	73	6	1.83	0.62	1.54	11.37	115	15.78	109	91	58	0	0	2	1
AR LITTLE ROCK	--	--	--	--	--	--	3.33	2.15	--	10.89	89	15.01	80	--	--	--	--	--	--
CA BAKERSFIELD	86	51	90	49	69	0	0.00	-0.06	0.00	0.63	37	4.18	115	65	19	1	0	0	0
CA EUREKA	58	44	63	39	51	-1	0.00	-0.39	0.00	8.35	96	27.19	138	91	65	0	0	0	0
CA FRESNO	86	54	92	51	70	3	0.00	-0.09	0.00	2.67	91	7.64	113	55	9	1	0	0	0
CA LOS ANGELES	76	59	84	58	68	6	0.00	-0.06	0.00	2.87	106	8.99	117	90	43	0	0	0	0
CA REDDING	82	47	98	43	64	0	0.00	-0.32	0.00	4.38	84	23.08	132	83	18	1	0	0	0
CA SACRAMENTO	83	49	95	47	66	2	0.00	-0.09	0.00	4.23	111	13.63	130	83	21	1	0	0	0
CA SAN DIEGO	74	82	83	61	68	5	0.00	-0.08	0.00	1.46	56	3.67	64	84	45	0	0	0	0
CA SAN FRANCISCO	68	49	84	47	58	1	0.00	-0.07	0.00	4.26	95	17.20	142	90	43	0	0	0	0
CO DENVER	75	42	80	36	58	3	0.28	-0.27	0.28	1.39	36	1.69	34	96	30	0	0	1	0
CO GRAND JUNCTION	83	48	87	40	65	4	0.02	-0.23	0.02	1.48	61	3.20	91	76	13	0	0	1	0
CO PUEBLO	80	48	89	41	64	5	0.05	-0.23	0.05	1.66	79	1.98	72	86	28	0	0	1	0
CT BRIDGEPORT	82	45	76	36	54	-3	0.88	-0.03	0.47	13.45	150	21.88	143	97	63	0	0	5	0
CT HARTFORD	68	44	82	31	56	-2	1.49	0.55	0.86	11.14	124	21.02	134	92	42	0	1	4	1
DC WASHINGTON	70	54	87	49	62	-2	2.08	1.27	0.76	9.76	137	16.77	132	96	66	0	0	5	1
FL PANAMA CITY	82	67	84	64	74	3	0.00	-0.74	0.00	11.55	111	17.75	85	100	66	0	0	0	0
FL DAYTONA BEACH	84	66	86	64	75	2	0.00	-0.65	0.00	14.37	236	21.26	178	97	52	0	0	0	0
FL JACKSONVILLE	88	65	91	62	77	3	0.04	-0.66	0.04	9.74	136	11.94	83	94	47	2	0	1	0
FL KEY WEST	84	78	86	73	80	0	0.31	-0.36	0.31	4.87	111	6.09	73	78	65	0	0	1	0
FL MIAMI	86	75	87	72	80	3	0.10	-1.09	0.05	5.31	75	8.44	75	76	50	0	0	3	0
FL ORLANDO	91	69	93	66	80	4	0.00	-0.62	0.00	10.37	178	17.28	153	91	46	5	0	0	0
FL TALLAHASSEE	90	63	92	59	78	4	0.00	-0.97	0.00	12.21	107	18.71	85	93	42	4	0	0	0
FL TAMPA	87	71	89	69	79	3	0.00	-0.56	0.00	8.88	180	15.09	149	86	47	0	0	0	0
FL WEST PALM BEACH	86	74	86	71	79	2	0.00	-1.35	0.00	6.57	82	8.59	64	81	53	0	0	0	0
GA ATLANTA	87	66	91	62	77	9	0.19	-0.80	0.19	9.55	83	21.58	101	83	42	1	0	1	0
GA AUGUSTA	88	61	90	59	75	6	0.00	-0.82	0.00	6.69	73	11.93	68	96	44	1	0	0	0
GA MACON	89	62	91	59	75	5	0.13	-0.67	0.09	8.98	95	14.74	78	95	42	2	0	2	0
GA SAVANNAH	89	64	92	62	77	5	0.00	-0.84	0.00	8.56	106	11.93	79	96	46	2	0	0	0
HI HILO	82	68	85	64	75	1	0.25	-2.29	0.18	23.24	70	49.35	92	91	68	0	0	3	0
HI HONOLULU	85	66	89	63	78	-1	0.00	-0.28	0.00	3.05	73	7.54	75	83	47	0	0	0	0
HI KAHULUI	83	67	87	63	75	0	0.39	0.17	0.39	7.29	150	12.80	107	84	61	0	0	1	0
HI LIHUE	79	65	82	61	72	-3	1.07	0.30	1.02	6.04	68	15.37	84	87	61	0	0	2	1
ID BOISE	68	39	80	35	54	-2	0.00	-0.25	0.00	3.29	112	5.22	85	79	22	0	0	0	0
ID LEWISTON	61	39	68	33	50	-6	0.04	-0.25	0.04	4.48	168	7.74	159	78	34	0	0	1	0
ID POCATELLO	67	34	77	26	51	-1	0.00	-0.30	0.00	2.32	79	4.15	84	79	19	0	1	0	0
IL CHICAGO	60	42	70	38	51	-5	2.65	1.91	2.27	6.38	84	5.58	82	92	59	0	0	3	1
IL MOLINE	64	48	77	39	56	-3	3.28	2.32	2.37	6.92	82	10.33	91	94	69	0	0	6	1
IL PEORIA	66	50	81	44	58	-2	2.85	2.02	0.93	7.80	97	10.04	91	95	68	0	0	5	3
IL QUINCY	67	53	83	46	60	-1	0.89	-0.17	0.52	4.65	54	7.41	64	94	68	0	0	4	1
IL ROCKFORD	60	44	70	39	52	-4	2.50	1.70	1.48	6.17	83	8.08	81	98	71	0	0	5	2
IL SPRINGFIELD	68	54	85	47	61	0	4.82	3.99	3.54	12.93	157	15.45	133	98	75	0	0	5	2
IN EVANSVILLE	78	59	84	48	67	2	5.58	4.51	2.84	23.25	215	28.21	162	95	67	0	0	6	2
IN FORT WAYNE	63	47	82	36	55	-3	1.21	0.44	0.41	6.62	88	10.39	91	96	67	0	0	6	0
IN INDIANAPOLIS	67	53	82	40	60	-1	2.23	1.32	0.89	14.26	160	19.28	140	98	73	0	0	4	2
IN SOUTH BEND	63	46	78	37	55	-2	2.96	2.14	2.54	7.85	97	11.59	94	84	64	0	0	4	1
IA DES MOINES	63	49	75	41	56	-3	4.99	4.08	3.18	8.83	122	10.24	110	93	63	0	0	3	2
IA SIOUX CITY	62	44	74	39	53	-6	0.85	0.06	0.86	3.47	62	4.53	66	93	60	0	0	2	1
IA WATERLOO	61	46	71	41	54	-4	1.58	0.69	1.41	4.80	65	6.81	78	95	69	0	0	3	1
KS CONCORDIA	67	49	85	41	58	-2	1.88	0.78	0.87	4.78	80	5.33	73	83	62	0	0	5	2
KS DODGE CITY	74	51	91	40	63	1	0.57	-0.09	0.48	2.58	55	3.05	53	83	55	1	0	3	0
KS GOODLAND	64	44	74	36	54	-3	0.26	-0.48	0.07	1.77	49	2.03	46	89	71	0	0	5	0
KS TOPEKA	71	56	82	50	64	1	1.43	0.51	0.78	5.43	77	8.38	70	91	60	0	0	4	1
KS WICHITA	78	57	89	50	67	3	1.16	0.26	0.63	4.44	66	4.60	52	91	66	0	0	4	1
KY BOWLING GREEN	78	60	85	52	69	5	1.86	0.53	0.83	13.55	121	22.51	117	97	84	0	0	3	2
KY LEXINGTON	74	58	82	48	66	4	3.78	2.76	3.02	14.37	145	20.78	129	92	67	0	0	4	1
KY LOUISVILLE	77	60	86	50	69	5	2.45	1.38	1.18	14.09	133	20.24	120	91	62	0	0	6	2
LA BATON ROUGE	86	68	90	64	77	3	2.16	1.01	1.11	14.24	118	22.94	101	100	59	1	0	3	2
LA LAKE CHARLES	85	69	87	65	77	4	0.75	-0.50	0.75	3.54	41	7.66	46	99	66	0	0	1	1
LA NEW ORLEANS	86	71	88	69	79	5	0.27	-0.71	0.26	7.10	65	13.38	60	94	49	0	0	2	0
LA SHREVEPORT	85	68	88	66	77	6	0.84	-0.45	0.84	7.02	70	9.78	53	93	59	0	0	1	1

Based on 1961-90 normals

Weather Data for the Week Ending May 11, 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 Mar 1	PCT. NORMAL SINCE Mar 1	TOTAL IN, SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F PRECIP.			
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	0.5 INCH OR MORE
ME CARIBOU	57	36	66	26	46	-2	0.36	-0.34	0.30	5.96	100	12.70	122	76	38	0	3	3	0
PORTLAND	57	42	67	34	50	-1	1.42	0.59	0.80	11.21	123	19.16	119	83	51	0	0	2	2
MD BALTIMORE	69	51	88	48	80	-1	2.57	1.75	0.96	10.56	136	19.73	140	99	69	0	0	5	2
SALISBURY	68	51	86	47	80	-1	1.96	1.15	0.81	11.11	129	19.33	122	97	66	0	0	5	1
MA BOSTON	80	45	71	39	53	-3	0.89	0.15	0.37	8.03	96	18.65	118	91	59	0	0	5	0
CHATHAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MI ALPENA	52	32	58	28	42	-8	0.32	-0.27	0.31	3.66	69	6.61	80	86	47	0	4	2	0
DETROIT	81	45	78	39	53	-3	2.08	1.45	1.64	6.88	106	10.50	104	94	82	0	0	4	1
FLINT	61	42	73	36	52	-3	1.12	0.54	0.59	6.45	107	9.78	111	92	46	0	0	4	1
GRAND RAPIDS	61	44	67	37	53	-3	1.22	0.53	1.00	4.66	66	6.83	83	84	80	0	0	3	1
HOUGHTON LAKE	56	37	60	32	46	-6	0.84	0.29	0.51	4.96	97	8.19	104	91	48	0	2	4	1
LANSING	82	43	70	38	53	-2	1.07	0.44	0.76	5.75	93	7.33	83	83	58	0	0	4	1
MARQUETTE	49	30	58	24	40	-8	0.48	-0.17	0.26	9.09	141	17.24	165	91	51	0	4	3	0
MUSKEGON	59	44	61	36	51	-2	1.57	0.96	1.27	5.28	82	8.31	81	88	56	0	0	3	1
SAULT ST. MARIE	53	33	60	28	43	-6	0.11	-0.47	0.11	5.94	106	12.21	124	81	41	0	4	1	0
MN ALEXANDRIA	54	36	80	31	46	-9	-	-	-	-	-	-	-	90	55	0	1	-	0
DULUTH	52	33	61	26	42	-6	0.30	-0.34	0.25	2.43	47	4.88	67	91	44	0	4	2	0
INT'L FALLS	55	33	62	24	44	-6	0.07	-0.42	0.03	2.04	60	5.28	107	83	35	0	4	3	0
MINNEAPOLIS	55	42	64	37	49	-7	0.69	-0.03	0.30	3.39	82	5.49	74	83	51	0	0	4	0
ROCHESTER	54	41	65	36	47	-7	0.36	-0.39	0.15	4.76	83	6.97	96	93	61	0	0	4	0
MS GREENWOOD	87	68	89	59	78	7	-	-	-	-	-	-	-	92	51	0	0	-	0
JACKSON	86	67	87	64	76	6	0.54	-0.77	0.54	15.15	112	26.01	108	94	52	0	0	1	1
MERIDIAN	86	63	86	58	74	4	0.03	-1.03	0.03	12.63	91	21.94	89	96	54	0	0	1	0
MO CAPE GIRARDEAU	76	61	85	53	69	3	3.49	2.28	1.42	12.90	113	17.44	98	97	68	0	0	5	3
COLUMBIA	70	57	86	48	63	3	2.51	1.42	0.97	12.58	148	15.39	129	96	72	0	0	6	3
KANSAS CITY	70	55	80	50	62	0	3.27	2.17	1.18	7.19	97	8.52	86	96	69	0	0	6	3
SAINT LOUIS	73	59	89	52	66	2	0.87	-0.22	0.39	12.52	147	16.31	130	91	61	0	0	5	0
SPRINGFIELD	74	59	82	45	66	4	2.75	1.71	1.21	9.52	101	12.65	96	96	69	0	0	4	3
MT BILLINGS	53	32	65	27	42	-10	0.22	-0.35	0.16	2.72	71	4.13	76	93	52	0	4	3	0
GLASGOW	53	32	62	27	42	-11	0.04	-0.32	-	0.91	54	1.52	88	88	42	0	5	-	-
GREAT FALLS	50	28	59	26	39	-12	0.02	-0.52	0.02	2.21	66	2.80	57	94	44	0	7	1	0
HAVRE	52	31	62	28	41	-11	0.07	-0.28	0.07	2.00	92	2.94	96	90	39	0	6	1	0
HELENA	56	28	63	20	41	-9	0.20	-0.17	0.17	2.01	87	2.57	76	87	34	0	6	2	0
KALISPELL	54	31	57	26	42	-8	0.01	-0.38	0.01	4.99	186	9.62	178	88	34	0	5	1	0
MILES CITY	53	35	63	27	44	-11	0.66	0.19	0.42	3.50	128	5.00	133	98	53	0	3	4	0
MISSOULA	58	31	61	22	44	-6	0.18	-0.19	0.09	3.44	137	6.33	138	83	28	0	4	2	0
NE GRAND ISLAND	61	44	70	39	52	-7	1.73	0.91	1.35	5.43	96	6.50	93	93	69	0	0	4	1
LINCOLN	63	45	74	39	54	-5	3.66	2.91	2.68	8.08	130	9.16	122	96	65	0	0	4	2
NORFOLK	61	44	71	39	52	-6	0.16	-0.81	0.15	2.71	50	3.87	56	94	61	0	0	1	0
NORTH PLATTE	62	43	73	37	53	-3	0.25	-0.49	0.20	1.45	33	1.95	37	93	82	0	0	2	0
OMAHA	64	48	74	42	56	-4	3.21	2.21	-	-	-	10.30	133	92	83	0	0	-	-
SCOTTSBLUFF	67	41	77	33	54	0	0.28	-0.31	0.17	2.22	61	3.04	66	95	46	0	0	3	0
VALENTINE	58	40	69	33	49	-8	0.20	-0.54	0.11	2.17	47	2.85	50	96	64	0	0	2	0
NV ELY	72	32	82	27	52	4	0.04	-0.24	0.04	1.49	63	2.95	78	77	14	0	3	1	0
LAS VEGAS	94	65	99	63	79	8	0.00	-0.06	0.00	0.12	16	0.96	23	27	6	6	0	0	0
RENO	74	38	86	30	55	0	0.00	-0.15	0.00	1.77	136	4.87	142	84	19	0	2	0	0
WINNEMUCCA	74	38	86	24	55	2	0.00	-0.19	0.00	1.48	77	4.23	128	73	15	0	2	0	0
NH CONCORD	63	40	71	27	51	-2	1.79	1.08	0.78	10.20	151	17.64	148	91	47	0	2	4	2
NJ ATLANTIC CITY	64	48	86	38	56	-2	1.86	1.07	0.68	12.25	145	17.66	117	97	65	0	0	6	1
NM ALBUQUERQUE	87	54	88	51	71	9	0.00	-0.11	0.00	0.04	3	0.39	18	27	5	0	0	0	0
CLOVIS	88	57	96	52	73	9	0.08	-0.28	0.08	0.13	7	0.49	17	85	14	4	0	1	0
ROSWELL	96	61	99	52	78	10	-	-	-	-	-	-	-	59	11	5	0	-	
NY ALBANY	63	42	69	30	53	-3	2.17	1.42	1.17	11.21	158	15.17	128	91	50	0	1	4	1
BINGHAMTON	59	40	75	28	49	-4	2.49	1.75	0.87	10.84	152	14.94	125	98	65	0	1	4	2
BUFFALO	62	42	75	35	52	-2	2.42	1.73	1.02	10.62	160	15.29	130	95	56	0	0	5	2
NEW YORK	66	49	83	42	58	-2	0.66	-0.22	0.34	10.17	116	16.39	111	93	50	0	0	6	0
ROCHESTER	62	42	78	32	52	-3	1.73	1.12	0.75	8.92	152	13.73	136	97	54	0	1	5	2
SYRACUSE	64	43	80	33	54	-1	1.88	1.16	0.61	8.14	112	12.53	106	87	49	0	0	5	2
NC ASHEVILLE	78	55	83	52	66	5	0.81	-0.28	0.71	6.16	55	16.08	81	93	50	0	0	3	1
CHARLOTTE	82	61	87	56	71	6	0.41	-0.43	0.41	9.54	114	16.15	101	92	52	0	0	1	0
GREENSBORO	80	58	85	53	69	5	0.86	-0.02	0.24	9.57	121	15.80	109	94	56	0	0	4	0
HATTERAS	74	62	80	58	68	3	0.40	-0.49	-	9.25	101	-	-	97	78	0	0	-	
NEW BERN	86	64	92	58	74	7	0.23	-0.75	0.23	8.30	96	14.28	83	96	50	3	0	1	0
RALEIGH	81	59	88	53	70	5	0.47	-0.38	0.28	7.83	102	14.62	98	93	60	0	0	3	0
WILMINGTON	86	65	91	59	75	8	0.42	-0.43	0.28	7.59	87	11.74	65	95	51	1	0	2	0
ND BISMARCK	51	37	61	27	44	-9	0.17	-0.29	0.10	2.14	67	3.76	91	87	51	0	2	2	0
FARGO	53	36	58	26	45	-9	0.40	-0.13	0.19	1.16	31	3.91	80	86	51	0	2	4	0
GRAND FORKS	53	34	60	23	43	-9	0.09	-0.33	0.09	1.46	49	3.06	73	86	47	0	3	1	0
WILLISTON	51	31	57	24															

Weather Data for the Week Ending May 11, 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 Mar 1	PCT. NORMAL SINCE Mar 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP, °F		PRECIP.	
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	0.05 INCH OR MORE
TOLEDO	82	46	81	40	54	-2	1.56	0.93	0.80	8.04	121	10.87	107	95	82	0	0	4	1
OK																			
YOUNGSTOWN	86	47	82	36	56	1	2.64	1.77	1.79	11.30	152	16.02	137	98	80	0	0	5	2
OKLAHOMA CITY	81	63	86	53	72	6	0.01	-1.13	0.01	4.18	57	4.28	42	90	61	0	0	1	0
TULSA	80	64	86	54	72	5	0.83	-0.42	0.45	4.31	47	4.94	39	85	80	0	0	2	0
OR																			
ASTORIA	58	40	60	36	48	-3	0.42	-0.30	0.19	15.87	125	39.48	129	92	50	0	0	3	0
BURNS	65	29	78	23	47	-2	0.00	-0.22	0.00	2.72	137	5.48	146	76	18	0	6	0	0
MEDFORD	73	38	89	34	55	-1	0.00	-0.25	0.00	2.83	84	11.22	140	85	20	0	0	0	0
PENDLETON	64	38	73	31	51	-5	0.00	-0.24	0.00	2.72	104	6.19	117	84	29	0	1	0	0
PORTLAND	61	44	65	38	53	-3	0.21	-0.27	0.13	8.52	128	24.98	156	88	42	0	0	2	0
SALEM	62	37	66	31	49	-4	0.03	-0.41	0.03	9.12	126	30.38	171	92	42	0	1	1	0
PA																			
ALLENTOWN	65	44	82	33	55	-3	1.38	0.43	0.71	11.20	136	19.62	134	96	57	0	0	5	1
ERIE	60	45	80	38	52	-2	2.37	1.63	0.81	10.83	148	16.15	134	98	66	0	0	5	3
HARRISBURG	67	52	84	44	59	0	1.94	0.99	..	10.00	125	17.43	127	94	58	0	0
PHILADELPHIA	66	48	83	40	57	-2	2.26	1.28	0.88	11.44	129	16.48	108	100	67	0	0	6	3
PITTSBURGH	69	51	86	39	60	3	1.17	0.37	0.50	10.42	133	16.67	130	95	58	0	0	5	1
SCRANTON	64	42	77	31	53	-4	2.57	1.77	1.22	10.41	154	18.20	164	98	58	0	1	7	2
RI																			
PROVIDENCE	66	43	79	36	54	-1	0.99	0.12	0.27	9.70	102	16.84	98	92	56	0	0	5	0
SC																			
CHARLESTON	86	66	90	63	78	5	0.00	-0.78	0.00	6.72	83	9.13	61	94	52	2	0	0	0
COLUMBIA	88	66	92	63	77	8	0.22	-0.56	0.22	9.17	99	13.27	74	90	49	3	0	1	0
FLORENCE	86	65	91	60	75	6	0.14	-0.61	0.14	4.50	56	8.79	59	97	47	2	0	1	0
GREENVILLE	82	60	86	56	71	5	0.28	-0.68	0.22	11.06	103	20.35	106	96	57	0	0	2	0
SD																			
ABERDEEN	53	37	61	31	45	-10	0.43	-0.16	0.19	2.35	60	4.43	86	92	66	0	1	4	0
HURON	56	36	67	33	47	-8	1.13	0.52	0.63	2.03	43	3.38	58	92	64	0	0	4	1
RAPID CITY	53	36	67	26	44	-9	0.49	-0.08	0.39	3.39	88	4.27	90	95	67	0	3	3	0
SIoux FALLS	58	40	70	36	49	-7	0.24	-0.42	0.19	1.94	37	3.10	48	93	54	0	0	2	0
TN																			
CHATTANOOGA	82	60	87	55	71	6	0.64	-0.38	0.63	13.40	113	23.02	106	93	53	0	0	2	1
KNOXVILLE	79	62	84	55	70	7	1.49	0.56	0.90	10.70	106	20.89	112	91	57	0	0	3	2
MEMPHIS	82	66	86	55	74	5	3.22	2.03	1.73	11.88	93	20.10	96	95	58	0	0	3	2
NASHVILLE	81	63	87	53	72	6	1.71	0.58	0.98	10.54	96	16.94	91	91	54	0	0	4	2
TX																			
ABILENE	86	63	94	56	75	4	0.51	-0.14	0.51	4.33	101	5.08	78	85	47	1	0	1	1
AMARILLO	86	57	98	47	72	8	0.00	-0.48	0.00	0.24	9	0.56	14	86	27	4	0	0	0
AUSTIN	86	70	88	68	78	4	0.02	-1.03	0.02	2.50	41	3.16	31	98	58	0	0	1	0
BEAUMONT	83	72	86	67	78	4	0.88	-0.35	0.88	3.39	38	7.06	42	98	70	0	0	1	1
BROWNSVILLE	89	76	93	75	83	3	0.08	-0.55	0.08	0.58	19	0.79	14	89	58	2	0	1	0
CORPUS CHRISTI	87	74	90	69	81	4	1.12	0.42	1.10	2.74	72	2.83	38	92	58	1	0	2	1
DEL RIO	92	69	94	67	81	6	0.02	-0.70	0.02	0.67	15	1.07	15	83	39	7	0	1	0
EL PASO	96	61	97	53	78	8	0.00	-0.06	0.00	0.47	80	0.78	56	29	9	7	0	0	0
FORT WORTH	86	68	92	60	77	7	0.83	-0.39	0.83	5.33	61	6.60	51	85	56	2	0	1	1
GALVESTON	82	75	84	73	78	4	0.00	-0.75	0.00	2.52	43	3.29	29	92	74	0	0	0	0
HOUSTON	88	74	90	72	81	8	0.56	-0.56	0.54	3.08	37	5.25	33	90	55	1	0	2	1
LUBBOCK	91	62	98	56	76	9	0.20	-0.28	0.20	0.39	15	0.66	18	78	22	4	0	1	0
MIDLAND	93	65	99	61	79	8	0.00	-0.50	0.00	1.34	66	1.42	46	80	25	6	0	0	0
SAN ANGELO	90	66	96	59	78	5	1.16	0.49	1.16	3.85	105	4.15	75	84	42	5	0	1	1
SAN ANTONIO	89	70	93	64	80	6	0.48	-0.44	0.35	1.69	31	2.38	26	91	47	2	0	2	0
VICTORIA	88	73	91	68	81	6	0.18	-0.80	0.17	3.00	46	3.33	26	91	50	2	0	2	0
WACO	85	68	89	59	76	4	0.38	-0.66	0.38	4.03	56	5.03	46	91	59	0	0	1	0
WICHITA FALLS	88	64	94	56	76	7	0.00	-0.94	0.00	2.15	31	2.25	22	82	46	5	0	0	0
UT																			
CEDAR CITY	80	44	88	34	62	8	0.00	-0.22	0.00	2.28	82	3.91	89	44	14	0	0	0	0
SALT LAKE CITY	75	48	82	38	62	5	0.02	-0.42	0.02	4.94	104	9.57	133	70	24	0	0	1	0
VT																			
BURLINGTON	61	42	70	32	52	-2	1.78	1.09	1.05	8.26	136	12.79	133	82	43	0	1	2	2
VA																			
NORFOLK	71	55	87	50	63	-1	1.76	0.92	1.00	10.11	125	18.61	121	97	75	0	0	5	2
RICHMOND	73	55	86	49	64	0	1.15	0.30	0.53	6.74	85	12.14	84	95	31	0	0	5	1
ROANOKE	78	56	86	50	67	5	1.59	0.68	1.10	7.10	87	16.11	116	96	50	0	0	5	1
WA																			
QUILLAYUTE	54	39	60	34	47	-3	0.42	-0.91	0.20	19.43	93	45.25	94	92	46	0	0	5	0
SEATTLE-TACOMA	57	43	60	39	50	-4	0.10	-0.30	0.08	7.57	118	23.24	146	85	42	0	0	2	0
SPOKANE	57	33	60	27	45	-7	0.14	-0.17	0.14	3.85	122	8.85	133	84	34	0	3	1	0
YAKIMA	64	32	68	26	48	-7	0.06	-0.06	0.06	0.90	67	4.02	122	82	28	0	6	1	0
WV																			
BECKLEY	73	54	82	43	64	6	1.64	0.75	0.54	8.68	118	18.06	127	90	57	0	0	5	2
CHARLESTON	78	57	86	47	67	5	1.36	0.47	0.46	10.92	131	18.79	131	98	61	0	0	4	0
HUNTINGTON	76	58	87	49	67	7	1.29	0.33	0.40	11.61	134	19.37	130	96	66	0	0	5	0
PARKERSBURG	71	54	84	42	62	2	2.26	1.43	0.63	11.18	129	19.37	131	100	63	0	0	6	2
WI																			
GREEN BAY	53	39	63	34	46	-7	0.69	0.08	0.25	5.91	109	8.45	110	90	55	0	0	3	0
LACROSSE	58	44	69	39	51	-8	0.22	-0.49	..	4.47	75	7.91	102	88	55	0	0
MADISON	55	42	59	36	48	-7	1.28	0.58	0.77	4.77	73	7.83	89	93	59	0	0	3	1
MILWAUKEE	50	40	58	36	45	-7	1.29	0.64	0.86	5.07	70	7.06	68	88	64	0	0	3	1
WY																			
WAUSAU	54	38	65	32	48	-8	1.11	0.33	0.46	5.15	86	7.78	99	89	47	0	1	4	0
CASPER	63	36	71	28	49	-1	0.04	-0.46	0.04	1.98	60	3.17	91	93	44	0	1	1	0
CHEYENNE	62	37	71	29	50	0	0.14	-0.38	0.11	3.15	97	3.74	93	94	48	0	2	2	0
LANDER	66	36	76	28	51	0	0.00	-0.56	0.00	2.41									

National Agricultural Summary

May 6 - 12, 1996

HIGHLIGHTS

Widespread thunderstorms over the middle Mississippi and Ohio Valleys delayed planting. The heavy rain flooded low-lying fields near streams, creeks, and rivers, and caused some severe soil erosion and terrace damage. The persistent chilly, wet weather slowed crop emergence and development. Low soil temperatures and continued damp conditions in the Midwest left some fields with rotting seeds, requiring many fields to be replanted. Cool, wet

fields in the Northern States and Great Lakes region needed warm, sunny weather to allow field activity and planting to proceed. Warm weather across the Southeast allowed germination and fieldwork to advance rapidly. Continued dry, hot weather across the Southwest raised ranchers' concerns as pasture conditions declined. Grazing availability remained limited and water shortages continued in New Mexico.

The Nation's **winter wheat** crop was in mostly fair to poor condition, with 40 percent (%) of the acreage heading. The thunderstorms' beneficial moisture slightly improved winter wheat condition over the Central States. The cool weather in the northern half of the Nation slowed wheat progress. Reports of wheat fields plowed under and replanted to other crops continued.

Spring wheat seeding was 32% complete, up 10 points from last week but 35 percentage points below the average. The cool, wet weather prevented many small grain producers from entering their fields. Spring wheat planting in Minnesota, at 14% complete, was 55 points behind the 5-year average. Spring wheat seeding was over 2 weeks behind schedule in North Dakota. Six percent of the crop was emerged, 28 percentage points behind normal.

Corn planting, which was past the halfway mark at 53% complete for the 17 major producing States, was up 12 points from the previous week and 2 points ahead of the 5-year average. Corn planting lagged over 25 points behind normal in Indiana, Kentucky, and Ohio due to the substantial rainfall. The corn-planting progress was up only 2 points from the previous week in Indiana and Ohio. Corn producers in Iowa planted near a third of their acreage during the week despite low soil temperatures.

Cotton planting was 54% complete, up 21 points from last week and 4 points ahead of the average for the Nation. Warm weather in the Southeastern States spurred cotton planting. During the week, cotton producers made up for delays early in the season and planted over a third of their acreage in Arkansas, Louisiana, Mississippi, and Tennessee. Hot weather in the Southwest aided cotton growth. Cotton fields in California were irrigated and sprayed for insects. Planting continued in the Texas High Plains, while poor growing conditions were reported along the Texas Coastal Bend.

Sorghum planting was 27% complete for the 12 major producing States, up 4 points from last week. Insect problems required some sorghum fields in Arkansas to be treated or replanted. Dryland sorghum planting in New Mexico was delayed due to the extremely dry soil conditions.

Rice seeding was 76% complete, up 15 points from last week and 12 points ahead of the average for the five major producing States. Rice fields were treated for broadleaf weeds and water grass in California. Louisiana rice producers were applying pesticides and monitoring their fields for water weevils. Emerged rice fields were flushed in Texas, where rice condition was mostly good.

April Crop Summary

Fieldwork

The month began with continued dry conditions in the southern Great Plains wheat region. Rain and snow fell across central Texas, but missed the Texas High Plains, where below-freezing temperatures lowered wheat condition. Cool weather and dry soil conditions left wheat progress in Kansas behind normal. Wheat broke dormancy across the middle Mississippi and Ohio Valleys and revealed previous freeze damage. Cool, wet weather over the Ohio and Tennessee Valleys limited field activity. In the Great Lakes region and the Northern States, planting of spring grains was delayed as producers waited for snowmelt and higher soil temperatures. In early April, farmers in the Southeast were unable to enter wet fields, leaving crop development and planting progress behind schedule. In the Corn Belt, winter wheat condition declined as a result of temperature fluctuations. The month began with corn and cotton planting progress 1 percentage point behind normal due to cool, wet spring weather and low soil temperatures.

The middle of April brought continued drought conditions in the Texas High Plains and warm, windy weather in the Southwest and central Great Plains, depleting soil moisture supplies. Beneficial rains fell over parts of Kansas, but more rain was needed. Snowmelt in the Red River Valley triggered flooding in the northern Plains and pushed fieldwork and small grain seeding behind schedule. Heavy rains and thunderstorms over the Delta States slowed spring planting. Wheat heading started in mid-April behind schedule due to cool weather. On April 15, a freeze extended into the Texas High Plains and further stressed the drought-stricken wheat. The storm system brought scattered rain to parts of Kansas but did little to revive wheat fields that were damaged by blowing sands and low temperatures. In the central Great Plains, wheat was beginning to grow, but the wheat stands were thin. By mid-April, wheat in the Ohio Valley was beginning to joint. Across the Midwest, low soil temperatures delayed corn planting and caused some producers to wait for warmer weather before seeding. Wet fields and below-normal temperatures slowed cotton planting in the Southeastern States.

Later in the month, rain showers brought pre-planting moisture to the Corn Belt. The effects of winterkill in the middle Mississippi and Ohio Valleys were observed as warmer weather stimulated growth. Some wheat fields in the Central States with severe winterkill and wind damage were abandoned. Freezing temperatures at mid-month threatened wheat that was jointing in the central Great Plains. Cool weather left wheat headed behind normal in the Southeastern States. Corn planting progress in the Midwest made significant headway, despite some producers who were waiting for higher soil temperatures.

By the end of April, rain fell over the central Great Plains and extended to the eastern Corn Belt, but missed the critically dry wheat region in the southern Great Plains. High winds caused soil erosion and blew out borderline wheat fields in the central Great Plains. Reports of poor wheat fields being tilled continued as producers contemplated replanting to higher-priced row crops. The continued lack of soil moisture in the southern Great Plains stressed small grain fields. Windy weather in the Dakotas helped dry saturated fields, but planting was delayed for many small grains. Across the Southwest, small grains rapidly turned color due to high temperatures. Rain over the Corn Belt brought pre-planting moisture for row crops but left fields saturated. Winter wheat finished the month with 13 percent of the acreage heading, 7 percentage points behind the 5-year average. Warm weather at month's end caused wheat to green and develop. Wheat fields in the Corn Belt with severe winterkill were tilled and replanted to corn. Corn planting progress surged at the end of April over most of the Corn Belt despite some wet fields and low soil temperatures. Cotton planting was behind normal in the Delta and Southeastern States, where some producers chose to plant other row crops first. Excessive rain and low soil temperatures slowed cotton planting in the Delta. Cotton producers in the Texas High Plains prepared fields and applied pre-planting herbicides.

Crop Production Highlights

The following information was released by USDA's Agricultural Statistics Board on May 10, 1996. Forecasts refer to May 1.

Winter wheat production is forecast at 1.36 billion bushels, down 12 percent from 1995 to the lowest level since 1978. The U.S. yield is forecast at 35.9 bushels per acre, down 1.8 bushels from last year and the lowest in 5 years. The grain area totals 37.9 million acres, down 7 percent from last season. Acres for grain are at the lowest level since 1972.

Much of the central and southern Great Plains Hard Red Winter Wheat areas have been stressed by dry conditions since seeding. Apparent abandonment in States affected is about 11 million acres. Remaining stands are thin. Total Hard Red production is down 19 percent from last year. Soft Red Winter production is down 11 percent largely due to acreage reductions caused by winterkill. White Winter production is up 10 percent due to expected high yields in the Pacific Northwest.

The 1995 winter wheat harvest of 1.55 billion bushels accounted for 71 percent of the total U.S. wheat production.

Crop Progress and Condition

Week Ending May 12, 1996

Winter Wheat Percent Headed				
	May 12 1996	Prev Week	Prev Year	5-Yr Avg
AR	90	66	98	92
CA	98	97	98	97
CO	2	0	0	5
GA	98	92	99	99
ID	0	0	0	0
IL	2	0	44	25
IN	13	0	35	16
KS	32	9	35	45
MI	0	0	0	0
MO	23	3	43	37
MT	0	0	0	0
NE	0	0	0	2
NC	91	68	93	89
OH	2	0	0	0
OK	91	57	92	87
OR	0	0	0	6
SD	0	0	0	0
TX	82	*68	76	73
WA	0	0	0	4
ALL	40	25	43	43

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

Soybeans Percent Planted				
	May 12 1996	Prev Week	Prev Year	5-Yr Avg
AL	22	9	18	13
AR	20	10	6	8
GA	11	3	14	11
IL	4	3	2	17
IN	3	2	10	18
IA	12	4	1	16
KS	9	8	1	6
KY	1	0	7	7
LA	41	11	23	13
MI	1	0	3	9
MN	4	2	6	15
MS	60	29	33	19
MO	6	4	0	7
NE	7	2	0	9
NC	11	5	10	14
OH	0	0	11	22
SC	8	4	7	7
SD	2	0	0	6
TN	4	1	5	5
ALL	9	4	5	14

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

Corn Percent Planted				
	May 12 1996	Prev Week	Prev Year	5-Yr Avg
CO	86	77	13	56
GA	97	96	99	98
IL	52	49	30	56
IN	10	8	35	51
IA	83	54	24	50
KS	88	85	32	70
KY	35	30	73	64
MI	14	1	23	29
MN	43	32	45	47
MO	78	77	27	48
NE	76	60	16	52
NC	95	90	95	92
OH	6	4	39	56
PA	17	12	41	33
SD	29	19	2	30
TX	94	*90	94	93
WI	24	5	30	33
ALL	53	41	32	51

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

Rice Percent Planted				
	May 12 1996	Prev Week	Prev Year	5-Yr Avg
AR	80	61	76	64
CA	30	10	17	30
LA	90	83	89	81
MS	93	79	93	66
TX	88	*83	81	85
ALL	78	61	71	64

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

Spring Wheat Percent Planted				
	May 12 1996	Prev Week	Prev Year	5-Yr Avg
ID	86	74	85	85
MN	14	12	24	69
MT	59	39	64	77
ND	16	8	11	59
SD	65	60	18	78
ALL	32	22	29	67

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

Cotton Percent Planted				
	May 12 1996	Prev Week	Prev Year	5-Yr Avg
AL	70	49	71	68
AZ	93	91	95	91
AR	62	25	25	42
CA	95	90	81	93
GA	63	39	70	58
LA	87	27	79	65
MS	85	37	60	55
MO	26	12	17	38
NM	77	67	64	77
NC	60	34	63	59
OK	12	1	9	13
SC	76	48	60	64
TN	53	14	41	43
TX	28	*20	32	34
ALL	54	33	49	50

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

Rice Percent Emerged				
	May 12 1996	Prev Week	Prev Year	5-Yr Avg
AR	56	31	58	45
CA	5	0	4	4
LA	75	68	79	73
MS	78	61	80	52
TX	77	73	66	65
ALL	56	41	57	47

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

Spring Wheat Percent Emerged				
	May 12 1996	Prev Week	Prev Year	5-Yr Avg
ID	65	51	66	67
MN	4	1	8	38
MT	7	2	20	33
ND	1	0	3	27
SD	15	5	7	61
ALL	6	3	10	34

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

Crop Progress and Condition

Week Ending May 12, 1996

Oats Percent Planted				
	May 12 1996	Prev Week	Prev Year	5-Yr Avg
IA	100	96	81	86
MI	36	22	77	68
MN	73	58	61	77
NE	100	99	94	97
ND	7	5	7	56
OH	57	51	31	63
PA	64	59	84	81
SD	63	53	16	72
WI	53	28	71	64
ALL	61	51	55	73

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

Oats Percent Emerged				
	May 12 1996	Prev Week	Prev Year	5-Yr Avg
IA	80	52	57	73
MI	3	0	24	38
MN	20	6	24	46
NE	91	79	0	NA
ND	0	0	1	25
OH	42	28	70	67
PA	46	30	0	NA
SD	30	10	8	57
WI	19	4	0	NA
ALL	35	20	20	51

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

Peanuts Percent Planted				
	May 12 1996	Prev Week	Prev Year	5-Yr Avg
AL	48	29	62	60
FL	65	35	NA	NA
GA	69	41	76	65
NC	30	10	37	41
OK	14	9	5	13
SC	85	55	49	66
TX	20	6	8	8
VA	45	25	66	66
ALL	48	27	51	47

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

Barley Percent Planted				
	May 12 1996	Prev Week	Prev Year	5-Yr Avg
ID	78	65	73	81
MN	11	6	20	65
MT	53	35	61	73
ND	12	5	7	60
SD	54	39	9	72
WA	84	58	91	90
ALL	36	25	35	69

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

Barley Percent Emerged				
	May 12 1996	Prev Week	Prev Year	5-Yr Avg
ID	45	34	45	58
MN	3	1	4	28
MT	8	5	20	32
ND	0	0	1	27
SD	12	2	3	55
WA	55	40	68	73
ALL	12	8	16	36

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

Sorghum Percent Planted				
	May 12 1996	Prev Week	Prev Year	5-Yr Avg
AR	72	57	57	59
CO	26	0	1	8
IL	0	0	0	6
KS	10	7	2	6
LA	71	51	57	57
MS	73	66	72	60
MO	11	9	12	18
NE	5	2	0	6
NM	1	1	2	13
OK	10	8	9	13
SD	4	0	0	2
TX	63	60	72	69
ALL	27	23	25	27

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

Winter Wheat Crop Condition by Percent					
	VP	P	F	G	EX
AR	0	5	23	52	20
CA	0	0	15	65	20
CO	12	17	37	30	4
GA	0	5	22	63	10
ID	0	1	9	58	32
IL	31	32	25	11	1
IN	12	23	33	28	4
KS	31	29	27	13	0
MI	20	26	30	21	3
MO	23	28	31	17	1
MT	10	14	24	43	9
NE	8	24	43	24	1
NC	0	2	20	71	7
OH	10	26	37	23	4
OK	31	32	24	12	1
OR	0	0	6	35	59
SD	10	23	36	28	3
TX	33	36	25	6	0
WA	0	0	7	64	29
ALL	22	24	26	23	5
Prev Wk	22	26	26	22	4
Prev Yr	5	13	28	43	11

Rice Crop Condition by Percent					
	VP	P	F	G	EX
AR	0	5	24	63	8
CA	0	0	10	80	10
LA	0	6	50	41	3
MS	0	5	33	40	22
TX	0	5	40	53	2
ALL	0	4	29	59	8
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	0	0	0	0	0

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/nassi."

ALABAMA: Days suitable for fieldwork 6.5. Topsoil 4% very short, 43% short, 53% adequate. Spring plowing 89% complete, 93% 1995, 88% avg. Corn 95% planted, 95% 1995, 91% avg.; 2% poor, 37% fair, 60% good, 1% excellent. Wheat 85% headed, 89% 1995, 88% avg.; 16% poor, 34% fair, 45% good, 5% excellent. Pasture feed 2% very poor, 7% poor, 42% fair, 44% good, 5% excellent. Livestock 5% poor, 50% fair, 40% good, 5% excellent. Activities: Planting row crops, cool season vegetables, ground preparation for spring planting, general care of livestock, poultry, catfish.

ALASKA: Generally sunny, dry conditions prevailed throughout the State. Days suitable for seeding, ground preparation 6. Topsoil 35% short, 65% adequate. Subsoil 15% short, 80% adequate, 5% short. Fieldwork progress ranged from mostly on schedule to 10 days ahead of normal. Barley seeding 35% complete, 30% behind 1995. Commercial potato planting was just beginning. Commercial vegetable planting continues. Livestock 5% fair, 70% good, 25% excellent.

ARIZONA: Above-normal temperatures continue to aid cotton growth; Western acreage squaring. Small grains mature 55%; 31% good, 69% excellent. Alfalfa harvest 1% light, 2% moderate, 81% active, 16% not being harvested; 3% fair, 55% good, 42% excellent. Quality continues to increase. A decreasing volume of cabbage, salad savoy, head lettuce was shipped along with cantaloupes, dry onions, potatoes. Potatoes, green, dry onions, carrots, cabbage, mixed greens, parsley were harvested in central areas. Tomatoes, head lettuce continued available from eastern areas. Grapefruit, tangerines, Valencia oranges were harvested by central, western citrus growers. Peach harvest progressed in western, central growing areas.

ARKANSAS: Days suitable for fieldwork 5. Soil moisture 16% short, 72% adequate, 12% surplus. Temperatures above normal with a cold front passing through the State the latter part of the week. Main farm activities: Planting, field preparation for planting of cotton, corn, rice, sorghum, soybeans, applying fertilizers, herbicides to wheat, fertilizing cool season grasses. Several counties reported treatment for greenbugs in sorghum fields. Sorghum fields were being replanted in Lonoke, Lafayette Counties. Fire ant damage was the reason for replanting in Lafayette County. Chinch bugs were also a problem in sorghum fields in Lafayette. Armyworms were reported in wheat by numerous counties. Monroe, Prairie Counties reported aphids in rice fields. Tomato staking, pruning continued in Bradley County. Strawberry harvest continued.

CALIFORNIA: Field activities made excellent progress under favorable weather conditions. Small grains were turning color and maturing rapidly, except at higher elevations. Desert area wheat harvest remained active. Cotton planting neared completion in the San Joaquin and Sacramento valleys. Emerging fields were irrigated, thinned, weeded, and sprayed for aphids and mites. Desert area cotton fields began setting bolls. Rice planting was active in all growing areas. Treatments for broadleaf weeds and water grass were applied in the Sacramento Valley. Sugar beets were harvested in central and southern counties. Some new crop sugar beets in Siskiyou County suffered frost damage and were replanted. Corn, dry beans, and safflower were planted. Garbanzo beans were blooming in Fresno County. Seed alfalfa was irrigated, weeded, treated for lygus. Small grains, forage crops, alfalfa were cut for hay or green chopped. Mowing, discing, fertilizing, irrigating, thinning, spraying continued in orchards, vineyards. The San Joaquin cherry harvest continued. Early varieties of peaches, nectarines, apricots were harvested in the San Joaquin Valley. Grapes were in bloom in Fresno County. Pecans, kiwifruit, pomegranates,

pistachios were in bloom. Walnuts were sprayed for blight. Plums, nectarines were sprayed for worms, thrips; apples, walnuts, pears for codling moths; prunes for aphids. Strawberry harvest was in full swing. Valencia orange harvest continued, while navel orange harvest was drawing to a close. Harvesting of asparagus continued in the Stockton delta, Salinas Valley. Artichokes were harvested in Monterey, Santa Cruz Counties. Bell peppers were irrigated, fertilized. Spring potatoes were harvested in Kern County, summer potatoes were planted in Riverside County. Fresno County onions were harvested. Processing tomatoes were irrigated, cultivated, transplanted. Harvesting of broccoli, cauliflower continued along the coast. In the San Joaquin Valley, harvest was winding down. Cantaloupe, watermelons were harvested in Imperial County. San Benito County head, leaf lettuce fields were harvested. Garlic harvest started in Kern County. Harvesting of celery in Ventura County continued. Various other vegetables were harvested. Rangeland grasses were rapidly maturing as warm, dry weather continued. Feed conditions were beginning to decline as grasses were turning brown. Movement of cattle increased as some were shipped to summer ranges. Light supplemental feeding continued. Water supplies remained good. Both cattle, sheep were in good condition.

COLORADO: Days suitable for fieldwork 6.0. Topsoil 27% very short, 44% short, 28% adequate, 1% surplus. Subsoil 26% very short, 39% short, 40% adequate, 1% surplus. Spring barley 99% seeded, 81% 1995, 82% avg.; 88% emerged, 48% 1995, 52% avg.; 2% very poor, 5% poor, 23% fair, 59% good, 11% excellent. Oats 87% seeded, 67% 1995, 72% avg.; 68% emerged, 37% 1995, 48% avg.; 5% very poor, 9% poor, 37% fair, 44% good, 5% excellent. Dry onions 1% very poor, 2% poor, 14% fair, 66% good, 17% excellent. Spring wheat 92% planted, 63% 1995, 56% avg.; 76% emerged, 28% 1995, 25% avg.; 6% very poor, 8% poor, 19% fair, 57% good, 10% excellent. Sugar beet 6% very poor, 9% poor, 19% fair, 52% good, 14% excellent. Winter wheat 56% jointed, 73% 1995, 63% avg. Corn 13% emerged, 1% 1995, 4% avg. Summer potatoes 99% planted, 72% 1995, 77% avg.; 5% emerged, 5% 1995, 11% avg. Fall potatoes 65% planted, 19% 1995, 17% avg. Dry conditions continue to exist across most of the State especially in the southeast, southwest. Thunderstorms in east central, northeast produced some beneficial moisture for winter wheat.

DELAWARE: Days suitable for fieldwork 1.0. Topsoil 40% adequate, 60% surplus. Subsoil 83% adequate, 17% surplus. Winter wheat 16% headed, 46% 1995, 39% avg.; 7% poor, 32% fair, 49% good, 12% excellent. Barley 85% headed, 100% 1995, 94% avg.; 5% poor, 30% fair, 58% good, 7% excellent. Corn 48% planted, 59% 1995, 65% avg. Soybeans 1% planted, 1% 1995, 1% avg. Sweet corn 32% planted, 43% 1995, 54% avg. Potatoes 93% planted 100% 1995, 96% avg. Cantaloupe 6% planted, 16% 1995, 20% avg. Watermelons 8% planted, 34% 1995, 23% avg. Apples 69% bloomed, 89% 1995, 89% avg. Peaches 92% bloomed, 93% 1995, 98% avg. Strawberries 71% bloomed, 87% 1995, 78% avg. Hay supplies 16% very short, 47% short, 37% adequate. Acreage prepared for spring planting 79%. Activities: Preparation for planting continues; actual planting slowed by rain.

FLORIDA: Topsoil short to adequate throughout State. Peanuts 65% planted. Cotton, soybean planting active. Scattered rainfall brought needed moisture to some northern, southern areas. Some north central producers irrigating vegetables to ensure adequate moisture. Growers in all areas harvesting vegetables to meet Memorial Day demand with picking in north gaining momentum. Vegetable volume leaders: Potatoes, tomatoes, sweet corn, cucumbers, watermelons, peppers, cabbage, squash, snap beans, celery. Citrus groves dry, irrigation all areas. Valencia harvest very active. Seedless grapefruit movement

slow as supplies running low. Honey tangerine harvest almost over. Caretakers cutting cover crops, hedging, topping, post bloom spraying. Pasture feed poor 15%, fair 45%, good 40%. Pastures in Panhandle short due to lack of rain. Pastures in north, central Peninsula dry. Pastures in Big Bend area remained very good. Pasture southwest greening up after rain. Condition of cattle herds: Fair 50%, good 50%.

GEORGIA: Days suitable for fieldwork 6.0. Soil moisture 5% very short, 28% short, 64% adequate, 3% surplus. Corn 4% poor, 30% fair, 60% good, 6% excellent; 97% planted, 99% 1995, 98% avg. Cotton 1% poor, 21% fair, 69% good, 9% excellent; 63% planted, 70% 1995, 58% avg. Hay 1% very poor, 3% poor, 31% fair, 61% good, 4% excellent. Peanuts 1% poor, 21% fair, 71% good, 7% excellent; 69% planted, 76% 1995, 65% avg. Sorghum 15% fair, 85% good; 43% planted, 41% 1995, 40% avg. Soybeans 9% fair, 91% good; 11% planted, 14% 1995, 11% avg. Tobacco 5% poor, 35% fair, 52% good, 8% excellent. Wheat 5% poor, 22% fair, 63% good, 10% excellent; 98% headed, 99% 1995, 99% avg. Onions 18% poor, 58% fair, 24% good; 60% harvested, 77% 1995, 68% avg. Watermelons 3% poor, 32% fair, 46% good, 19% excellent; 94% planted, 97% 1995, 97% avg. Apples 2% very poor, 13% fair, 85% good. Peaches 78% very poor, 15% poor, 5% fair, 2% good; 9% harvested, 3% 1995, 5% avg. Pasture feed 1% very poor, 4% poor, 32% fair, 58% good, 5% excellent. Rapid planting progress cotton, peanuts, sorghum, soybeans; onion harvest rapid progress. Crop conditions stable to some improved. Crop development accelerating as temperatures warm. Other activities included: Spraying wheat fields in a few northern areas for cereal leaf beetle; harvesting hay; spraying tobacco for budworms, aphids; cultivating, fertilizing row crops; irrigating crops in drier areas.

HAWAII: Most crops made fair progress. Storm system passing through State at mid-week brought welcome rain to many areas. Pastures, especially in windward areas, benefited from the additional soil moisture supplies. Sugarcane, pineapple harvesting active. Rainfall aided banana, papaya orchards.

IDAHO: Days suitable for fieldwork 6.3. Topsoil 16% short, 71% adequate, 13% surplus. Potatoes planted 72%, 42% 1995, 56% avg.; emerged 3%, 2% 1995, 5% avg. Winter wheat jointed 52%. Winter wheat booting 4%. Spring wheat jointed 7%. Barley jointed 5%. Oats planted 66%, 60% 1995, 68% avg.; emerged 38%, 32% 1995, 45% avg. Dry beans planted 11%, 5% 1995, 4% avg. Dry peas planted 30%, 62% 1995, 66% avg.; emerged 11%, 37% 1995, 41% avg. Sugar beets planted 99%, 99% 1995, 98% avg.; emerged 86%, 42% 1995, 64% avg.; thinned 3%, 4% 1995, 5% avg. Field corn planted 76%, 20% 1995, 37% avg. Field corn emerged 17%, 2% 1995, 5% avg. Lentils planted 12%, 33% 1995, 57% avg. Lentils emerged 1%, 4% 1995, 29% avg. Onions emerged 95%, 77% 1995, 77% avg. Hay, roughage supply 3% very short, 19% short, 75% adequate, 3% surplus. Pasture feed, range 2% poor, 9% fair, 58% good, 31% excellent. Irrigation water supply 38% good, 62% excellent. Activities: Planting potatoes, corn, dry beans, spring grains, moving livestock to spring ranges, irrigating small grains, sugar beets, spraying for weeds, insects.

ILLINOIS: Days suitable for fieldwork 0.6. Topsoil 24% adequate, 76% surplus. Cool, wet weather slowed crop development, water-logged fields kept farmers from planting last week. Most crops near streams, creeks, rivers have been reported as a loss due to the continuous rainfall the State has received. Activities for most farmers were pumping water, repairing flood gaps, equipment repair, tending livestock. Oats 9% headed, 1% 1995, 1% avg. Alfalfa 1% very poor, 8% poor, 37% fair, 48% good, 6% excellent. Red clover 2% very poor, 11% poor, 37% fair, 45% good, 5% excellent.

INDIANA: Days suitable for fieldwork 0.5. Topsoil 13% adequate, 87% surplus. Subsoil 1% short, 32% adequate, 67% surplus. Winter wheat 63% jointed, 96% 1995, 79% avg. Continued rainfall hindered planting of corn, soybeans. Corn planting 14 days behind average. Corn emergence slow due to cool, wet weather. Replanting will be necessary in low lying areas of many fields. Flood damage to wheat

fields, some southern areas. Activities: Seeding oats, tilling and ditching, transplanting tobacco, discing, chisel plowing, purchasing supplies, hauling manure, and care of livestock.

IOWA: Days suitable for fieldwork 2.8. Topsoil short 4%, adequate 59%, surplus 37%. Subsoil very short 1%, short 14%, adequate 70%, surplus 15%. Corn emergence 6%, 2% 1995, 13% avg. Cool temperatures, several inches of rain characterize Iowa's weather last week. Cool temperatures, which have plagued State most of this spring, continue to hamper crop emergence while the precipitation last week slowed planting, fieldwork activities. Several reports from the southern, eastern portions of the State mentioned that heavy rains caused substantial rill, gully erosion in tilled fields; no-till fields also experience significant erosion. There were also reports of ponding in low-lying areas of fields along with terrace damage. 1996 row crops primary seedbed preparation completed 91%, 65% 1995, 76% avg.; fertilizer application completed 94%, 70% 1995, 79% avg. Corn emerged 6%, 2% 1995, 13% avg. Many fields planted several weeks ago have sprouted but have yet to emerge. Producers concerned about insect damage and rotting seeds which will reduce stand counts may lead to replanting. Oats 9% poor, 33% fair, 51% good, 7% excellent. Winter wheat 2% very poor, 27% poor, 36% fair, 34% good, 1% excellent. Hay 4% very poor, 17% poor, 40% fair, 36% good, 3% excellent. Reporters, especially in the northern districts, continue to say that winterkill in alfalfa hay is becoming much more evident as the crop emerges from dormancy. Alfalfa hay acres lost due to winterkill 15%. Livestock in mostly good condition across State. Colds, flu, scours being reported due to cool, damp weather. Flood-related problems in the south, east also reported. Pastures starting to green up enough to support grazing in most areas of the State, cow/calf operators turning their herds out on pasture; however, several reporters continue to mention that warmer temperatures are needed to spur pasture, hay growth in their areas.

KANSAS: Days suitable for fieldwork 1.9. Soil moisture much improved due to rains the past week. Topsoil 9% very short, 15% short, 56% adequate, 20% surplus. Prospects for rains during the coming week continue to be good. Wheat progress is still slightly behind normal due to cold weather, lack of moisture. Rains came too late to help much of the poorest wheat which had been too badly damaged by wind, freezing temperatures, extremely dry conditions. Corn, sorghum, soybean planting progressed very little the past week because of wet conditions. Planting progress of each remained ahead of the average. Pasture condition improved slightly from the previous week, should make dramatic improvements in coming weeks in the central, eastern areas where good rains were received. Across the State feed grain supplies are 42% short, hay 55% short, stock water 33% short. All districts report shortages of the above to some degree. Hay, water shortages should diminish where rains fell. Activities: Prepare for planting. Little fieldwork as fields are wet.

KENTUCKY: Days suitable for fieldwork 1.2. Topsoil 22% adequate, 78% surplus. Subsoil 31% adequate, 69% surplus. Temperatures near normal while rainfall was above normal. Field activities when possible included planting corn, tobacco, applying chemicals. Tobacco plants range in development. Plants in beds 47% less than 2 in., 32% 2 to 4 in., 21% over 4 in. Planted corn emerged 54%, 73% 1995, 53% avg.; emerged 1% very poor, 14% poor, 34% fair, 37% good, 14% excellent. Winter wheat heading 35%, 93% 1995, 79% avg.; 4% very poor, 14% poor, 33% fair, 40% good, 9% excellent. Hay crops 2% very poor, 9% poor, 32% fair, 46% good, 11% excellent. Pasture feed 2% very poor, 8% poor, 30% fair, 48% good, 12% excellent.

LOUISIANA: Days suitable for fieldwork 6.6. Soil moisture 6% very short, 32% short, 60% adequate, 2% surplus. Corn 3% poor, 23% fair, 67% good, 7% excellent; 0% silked, 0% 1995, 1% avg.; growers were cultivating fields for weed control. Cotton 50% emerged, 60% 1995, 52% avg.; planting made excellent progress as growers made up for delays earlier in the season. Emerged cotton looked good. Hay first cutting 20%, 20% 1995, 20% avg.; field fertilization remained active. Peaches 0% harvested, 0% 1995, 1% avg. Rice producers were monitoring for water weevils, applying pesticides. Sorghum 58%

emerged, 44% 1995, 48% avg. Soybeans 21% emerged, 16% 1995, 8% avg.; planting in southwestern parishes slowed due to extremely dry conditions. Spring plowing 99% plowing, 91% 1995, 89% avg. Sugarcane 7% very poor, 20% poor, 36% fair, 34% good, 3% excellent; growers continued to report damage from March's freeze as more stubble cane was plowed up. Sweetpotatoes 4% planted, 8% 1995, 9% avg. Wheat 3% very poor, 18% poor, 42% fair, 35% good, 2% excellent; 100% headed, 97% 1995, 96% avg.; 64% turning, 71% 1995, 65% avg.; 0% harvested, 2% 1995, 3% avg. Wheat growers began to prepare for harvest. Livestock 3% very poor, 10% poor, 37% fair, 45% good, 5% excellent. Cattlemen were busy marketing fall calves, vaccinating replacement heifers. Broiler producers were cleaning out broiler houses. Vegetables 2% very poor, 7% poor, 37% fair, 47% good, 7% excellent. Vegetable producers were irrigating pepper plants. Pasture feed 2% very poor, 9% poor, 38% fair, 48% good, 3% excellent.

MARYLAND: Days suitable for fieldwork 1.4. Topsoil 43% adequate, 57% surplus. Subsoil 65% adequate, 35% surplus. Winter wheat 8% very poor, 11% poor, 30% fair, 34% good, 10% excellent; 35% headed, 56% 1995, 47% avg. Barley 10% very poor, 7% poor, 23% fair, 48% good, 12% excellent; 76% headed, 96% 1995, 90% avg. Rye 5% very poor, 6% poor, 19% fair, 60% good, 10% excellent; 69% headed, 68% 1995, 74% avg. Corn 47% planted, 62% 1995, 60% avg. Soybeans 6% planted, 4% 1995, 5% avg. Sweet corn 49% planted, 51% 1995, 46% avg. Tomatoes 71% planted, 50% 1995, 55% avg. Cantaloupe 66% planted, 46% 1995, 44% avg. Watermelons 59% planted, 38% 1995, 39% avg. Hay supplies 14% very short, 35% short, 50% adequate, 1% surplus. Acreage prepared for spring planting 56%. Apples 76% bloomed, 82% 1995, 89% avg. Peaches 92% bloomed, 94% 1995, 99% avg. Strawberries 64% bloomed, 86% 1995, 79% avg. Activities: Preparation for planting, planting of crops continues. Most plantings held up by rain. Some hail damage to crops, few livestock killed by lightning. Snow in western areas.

MICHIGAN: Soils were still too cold, wet to be worked. Cold conditions along with scattered rain prevented the soil from drying out. Days suitable for fieldwork was 2.0. Some progress was made in corn, small grain planting, although planting was still behind normal. Topsoil moisture was reported as 2% short, 35% adequate, 63% surplus. Subsoil moisture was reported as 6% short, 53% adequate, and 41% surplus. Potatoes planted 25% 1996, 33% 1995, 38% avg. Sugar beets planted 45% 1996, 92% 1995, 74% avg. Winter wheat continued to decline. There have been reports of producers possibly destroying some wheat fields, replanting to an alternate crop. Livestock conditions were normal with feed supplies remaining adequate. Major activities for the week included minimal planting, hauling manure, spraying fruit trees, waiting for warm weather.

MINNESOTA: Days suitable for fieldwork 1.8. Topsoil 52% adequate, 48% surplus. Corn 63% ground prepared, 55% 1995, 61% avg.; 43% planted, 45% 1995, 47% avg. Soybeans 17% ground prepared, 16% 1995, 30% avg.; 4% planted, 6% 1995, 15% avg. Spring wheat 14% planted, 24% 1995, 69% avg.; 4% emerged, 8% 1995, 38% avg. Oats 73% planted, 61% 1995, 77% avg.; 20% emerged, 24% 1995, 46% avg. Barley 11% planted, 20% 1995, 65% avg.; 3% emerged, 4% 1995, 28% avg. Sugar beets 19% planted, 36% 1995, 72% avg. Green peas 45% planted, 50% 1995, 52% avg. Potatoes 28% planted complete, 29% 1995, 35% avg. Flax 0% planted, 1% 1995, 13% avg. Dry edible beans 2% planted, 1% 1995, 10% avg. Sweet corn 15% planted, 14% 1995, 22% avg. Sunflowers 0% planted, 2% 1995, 15% avg. Pasture feed 5% very poor, 22% poor, 43% fair, 27% good, 3% excellent. Winter wheat 1% very poor, 11% poor, 37% fair, 50% good, 1% excellent. Rye 1% very poor, 5% poor, 42% fair, 43% good, 9% excellent. Alfalfa 6% very poor, 19% poor, 43% fair, 27% good, 5% excellent.

MISSISSIPPI: Days suitable for fieldwork 6.1. Soil moisture 1% very short, 30% short, 62% adequate, 7% surplus. Corn 99% planted, 97% 1995, 85% avg.; 96% emerged, 90% 1995, 78% avg.; 5% poor, 28% fair, 50% good, 17% excellent. Soybeans 60% planted, 33% 1995, 19% avg.; 38% emerged, 27% 1995, 15% avg.; 23% fair, 50% good, 27% excellent. Wheat 100% jointing, 100% 1995, 100% avg.; 99% heading,

100% 1995, 95% avg.; 28% mature, 11% 1995, 13% avg.; 2% poor, 25% fair, 34% fair, 39% excellent. Hay 43% harvested, 21% 1995, NA avg.; 9% poor, 33% fair, 48% good, 10% excellent. Peanuts 67% planted, 72% 1995, 47% avg.; 2% poor, 38% fair, 60% good. Sweetpotatoes 12% planted, 7% 1995, 18% avg. Watermelons 90% planted, 82% 1995, 81% avg.; 22% fair, 71% good, 7% excellent. Blueberries 16% very poor, 39% poor, 17% fair, 24% good, 4% good. Cattle 5% poor, 27% fair, 50% good, 18% excellent. Pasture feed 9% poor, 36% fair, 47% good, 8% excellent. Main farming activities: Planting corn, cotton, rice, sorghum, soybeans. Row crop farmers had an ideal week for planting all crops. Warm temperatures allowed the germination of seed to take place in four to six days. Summer pastures, hay land need a rain to activate applied fertilizer.

MISSOURI: Days suitable for fieldwork 0.5. Topsoil 1% short, 43% adequate, 56% surplus. Wet weather continued to prevail over the State during the past week, sharply reducing planting progress. Reporters across portions of the State indicate that the substantial rains have caused some flooding problems along tributaries, low-lying areas. Farmers in the extreme southern part of the Bootheel were able to make progress with cotton planting, while producers in other areas of the State were greatly limited in planting, fieldwork progress. Percent of corn planted ranges from around 40% east central, south central to over 90% southeast, southwest. Sorghum planting is led by 18% reported planted in the Bootheel. Most areas of the State indicate wheat condition as 50% or more poor and very poor. In recent weeks, many reporters have indicated that a fair amount of the crop has been destroyed, planted to other crops. Alfalfa first cutting 1%, 3% 1995, 5% avg. Ground tilled for spring crops 90%, 78% 1995, 76% avg. Pasture, range feed 2% very poor, 20% poor, 46% fair, 29% good, 3% excellent.

MONTANA: Days suitable for fieldwork 3.1. Topsoil 6% short, 72% adequate, 22% surplus. Subsoil 9% short, 76% adequate, 15% surplus. Continued cool, wet weather hindering planting, crop growth. Oats 30% planted, 49% 1995, 65% avg.; 7% emerged, 16% 1995, 25% avg. Corn 55% planted, 55% 1995, 54% avg.; 12% emerged, 16% 1995. Sugar beets 77% planted, 85% 1995, 91% avg.; 16% emerged, 26% 1995. Dry beans 3% planted, 11% 1995, 22% avg. Potatoes 38% planted, 10% 1995, 27% avg. Calving 97% complete. Lambing 81% complete. Cattle, calves moved to summer ranges 29%. Sheep, lambs moved to summer ranges 18%.

NEBRASKA: Days suitable for fieldwork 3.2. Topsoil 2% very short, 10% short, 72% adequate, 16% surplus. Subsoil 4% very short, 30% short, 63% adequate, 3% surplus. adequate. Rainfall the past week limited fieldwork activities, will aid growth, development of pastures, small grains. With soil moisture conditions improved in most areas, warmer temperatures, sunshine are needed to boost row crop development. Some severe weather in form of heavy rains, tornadoes, hail caused soil erosion, other destruction in parts of the south. Some replanting of row crops will be necessary. Wheat 39% jointed, 73% 1995, 72% avg. Corn planting activities continued to be most advanced in the southeast, south-central part of the State. Soybean planting activities were most advanced in the south central district. Alfalfa 7% very poor, 19% poor, 39% fair, 33% good, 2% excellent; fields with winterkill continued to be reported in the northeast, east-central districts. Some badly damaged fields were destroyed, expected to be planted to corn or soybeans. Wild hay 2% very poor, 13% poor, 52% fair, 28% good, 5% excellent. Pasture, range feed 6% very poor, 18% poor, 44% fair, 31% good, 1% excellent. Activities, before the rains set in, spring planting, fertilizer, herbicide applications, additional activities, grain marketing, livestock care.

NEVADA: Warm, open weather was conducive to fieldwork, crop development. Spring grain planting approached completion most areas. Spring wheat 93% planted, 66% emerged. Barley 94% planted, 73% emerged; maturing rapidly in extreme south. Grain crops generally good to excellent. Potato planting advanced rapidly, well along. Higher temperatures promoted alfalfa growth. First cutting of alfalfa completed extreme south. Garlic, onions made good growth under irrigation. Pistachio crop set well extreme south. Spring calving continued near

completion; branding, vaccinating, movement to Spring range underway. Sheering, lambing continued. Main farm, ranch activities: Spring planting, fertilizing, spraying for weeds, insects, alfalfa harvest, calving, lambing.

NEW ENGLAND: Days suitable for fieldwork 4.2. Topsoil 27% adequate, 73% surplus. Subsoil 40% adequate, 60% surplus. Pasture feed 1% very poor, 13% poor, 38% fair, 41% good, 7% excellent. Maine potatoes 10% planted, 15% 1995, 10% avg.. Massachusetts potatoes 40% planted, 60% 1995, 50% avg, <5% emerged, <5% 1995, 5% avg.; good/fair. Rhode Island potatoes 35% planted, 55% 1995, 45% avg.; 10% emerged, 20% 1995, 5% avg. Maine oats 35% planted, 30% 1995, 15% avg. Maine barley 35% planted, 40% 1995, Field corn 5% planted, 20% 1995, 20% avg.; fair. Sweet corn 15% planted, 30% 1995, 25% avg.; 10% emerged, 10% 1995, 5% avg.; good/fair. First hay crop condition good. Apples in early bloom/bud stage; good. Peaches early bloom to full bloom; fair. Pears early bloom to full bloom; good. Strawberries bud stage to early bloom; good/fair. Cranberries at bud; good. Highbush blueberries bud stage; good. Wild blueberries bud stage condition poor. Cool, wet weather continues to slow crop development, fieldwork progress throughout the region. Major farm activities: Potato, small grain planting has begun in Maine, fieldwork (plowing, cultivating, disking, fertilizing, liming) spreading manure on well-drained soils, harvesting of asparagus, rhubarb, pruning and application of pre-emergence fertilizer, herbicides to fruit crops.

NEW JERSEY: Days suitable for fieldwork 3. Topsoil mostly surplus. Planting, other activities about 10-14 days behind due to the recent rains. Peaches are past the shuck split stage. Apples are setting in some areas. Blueberries, strawberries look good. Vegetable farmers were busy planting squash, peppers, melons. Harvest of asparagus, lettuce, spinach reported. Some planting of corn as the weather permits.

NEW MEXICO: Days suitable for fieldwork 6.9. Soil moisture 81% very short, 15% short, 4% adequate. Corn, cotton planting made good progress with continued warm dry conditions; corn 80% complete, 88% 1995; cotton 77% planted, 64% 1995, 77% avg. Corn 1% poor, 33% fair, 60% good, 6% excellent. Cotton 2% poor, 31% fair, 36% good, 31% excellent. Sorghum planting limited to irrigated acreage; total crop still only 1% planted, 2% 1995, 13% avg. Dryland sorghum planting awaiting more moisture. Alfalfa 15% poor, 35% fair, 34% good, 16% excellent; first cutting progressing rapidly with 39% complete. Chile 1% poor, 8% fair, 64% good, 27% excellent. Lettuce harvest in full swing, with 45% complete, 71% 1995. Onion 3% fair, 61% good, 36% excellent, none harvested yet. Apples 62% very poor, 29% poor, 9% fair; fruit set rated at 81% light, 19% avg. Pecan 3% fair, 96% good, 1% excellent; nut set rated 98% average, 2% heavy. Dry wheat remains nearly a total loss at 99% very poor, 1% poor. Irrigated wheat, 3% very poor, 11% poor, 69% fair, 14% good, 3% excellent. Total wheat headed at 54%, 67% 1995, 78% avg. Cattle deteriorated to 9% very poor, 29% poor, 46% fair, 16% good; some drought-related deaths occurring. Ranchers continued heavy supplemental feeding, watering; many stock wells, springs drying up.

NEW YORK: Days suitable for fieldwork 2.7. Soil moisture 13% adequate, 87% surplus. Wetness continued to delay planting. Pasture feed improved; 9% poor, 9% fair, 55% good, 27% excellent. Hay good. Wheat 50% fair, 25% good, 25% excellent. Corn 6% planted, 23% 1995, 18% avg. Oats 7% seeded, 64% 1995, 53% avg. Potato planting underway of better drained soils. Fruit growers kept at bay by wet, cold conditions. Growers in Finger Lakes region predict a hectic period of catch-up after being kept out of vineyards a majority of the spring. Hudson Valley apples at pink to full bloom stage. Pears were in full bloom, sweet cherries mostly past bloom. Vegetable planting delayed, growth slowed by cool, wet weather. Onion planting in Orange County near complete. Sweet corn planting progressed on well-drained soils. Fields planted under plastic is up, in six leaf stage. All crops need warmer weather for growth, development.

NORTH CAROLINA: Days suitable for fieldwork 5. Soil moisture 1% very short, 8% short, 76% adequate, 15% surplus. Flue-cured tobacco 78% transplanted, 81% 1995, 78% avg. Crop condition: Oats 1% very poor, 3% poor, 24% fair 71% good, 1% excellent; barley 1% poor, 20% fair, 74% good, 5% excellent; rye 2% poor, 8% fair, 83% good, 7% excellent; Irish potatoes 1% poor, 5% fair, 80% good, 14% excellent; peaches 70% very poor, 15% poor, 5% fair, 10% good; truck crops 24% fair, 73% good, 3% excellent; tobacco plant supply 4% short, 85% adequate, 11% surplus; hay, roughage supply 3% very short, 15% short, 75% adequate, 7% surplus. Activities: Planting corn, cotton, peanuts; transplanting flue-cured tobacco, sweetpotatoes; spraying for cereal leaf beetles, other insects; planting vegetables; harvesting strawberries; cutting hay; pasture maintenance; tending livestock; repairing equipment, general farm maintenance.

NORTH DAKOTA: Cool temperatures, precipitation, lack of sunshine continue to slow planting progress. Days suitable for fieldwork 4. Soil moisture supplies well above average. Topsoil 2% short, 83% adequate, 15% surplus. Subsoil 5% short, 81% adequate, 14% surplus. Very little seeding was done last week as cool, wet conditions prevailed. Spring wheat planting over two weeks behind average. Durum 7% planted, 5% 1995, 41% avg.; corn 10% planted, 6% 1995, 27% avg.; potatoes 7% planted, 11% 1995, 23% avg.; sugar beets 17% planted, 32% 1995, 75% avg.; dry edible beans 1% planted; 0% 1995; 4% avg. Calving, lambing 96% complete. Hay, forage supplies 2% very short, 17% short, 78% adequate, 3% surplus. Grains, concentrates 2% very short, 11% short, 86% adequate, 1% surplus. Pastures, ranges 43% dormant; 88% open for grazing. Pasture feed 3% very poor, 13% poor, 33% fair, 46% good, 5% excellent.

OHIO: Days suitable for fieldwork 0.1. Topsoil 7% adequate, 93% surplus. Some planting was accomplished in areas with light sandy soil. Amish farmers working with teams of horses were able to do some planting of oats. Pastures remain muddy, wet conditions are blamed for some livestock disease.

OKLAHOMA: Days suitable for fieldwork 6.4. Topsoil 50% very short, 34% short, 16% adequate. Subsoil 44% very short, 36% short, 20% adequate. Wheat 10% softdough, 19% 1995, 21% avg.; oats 33% heading, 55% 1995, 53% avg.; 5% softdough, 13% 1995, 12% avg.; corn 99% planted, 77% 1995, 91% avg.; 62% up-to-stand, 59% 1995, 67% avg.; sorghum 62% seedbed prepared, 66% 1995, 63% avg.; 4% up-to-stand, 4% 1995, 5% avg.; soybeans 75% seedbed prepared, 77% 1995, 77% avg.; 27% planted, 22% 1995, 22% avg.; 10% up-to-stand, 14% 1995, 7% avg.; peanuts 89% seedbed prepared, 74% 1995, 76% avg.; 14% planted, 5% 1995, 13% avg.; 3% up-to-stand, 0% 1995, 4% avg.; cotton 77% seedbed prepared, 76% 1995, 80% avg.; 12% planted, 9% 1995, 13% avg.; alfalfa 10% very poor, 15% poor, 42% fair, 30% good, 3% excellent; 22% 1st cutting, 49% 1995, 38% avg.; other hay 20% 1st cutting, 42% 1995, 37% avg.; livestock 2% very poor, 10% poor, 36% fair, 51% good, 1% excellent. Feeder steers, heifers were \$2 to \$4/cwt. higher.

OREGON: Days suitable for fieldwork 6.4. Topsoil 5% short, 91% adequate, 4% surplus. Subsoil 7% short, 91% adequate, 2% surplus. Barley 66% planted, 76% 1995, 82% avg. Activities: Fields drying out, spring grain seeding winding down statewide. Mid-Columbia, northeastern winter wheat disease problems obvious. Small grain, hay growth delayed by cool temperatures, Willamette Valley. Klamath Basin: barley, sugar beet seeding continued. Nurseries, greenhouses plant harvest winding down, planting underway. Nursery irrigation underway. Christmas tree planting underway. Vegetable planting continued, Willamette Valley. Potato planting underway, central sections. Strawberries, blueberries setting berries - full bloom, caneberries well-formed buds, fruit set apples, cherries good, prune fruit set light, Willamette Valley. Possible freeze damage strawberries, Mid-Willamette Valley. Livestock good to excellent condition. Eastern pastures growth delayed, cool temperatures, morning frosts common. Eastern private land turnout underway, public land turnout still delayed. Western pasture growth delayed wet, cool conditions.

PENNSYLVANIA: Days suitable for fieldwork 1.5. Soil moisture 30% adequate, 70% surplus. Plowing 60% complete, 82% 1995, 73% avg. Soybeans planted 2% complete, 8% 1995, 6% avg. Potatoes planted 22% complete, 46% 1995, 46% avg. Barley 48% heading or headed, 43% 1995, 26% avg. Wheat 15% heading or headed, 8% 1995, 3% avg.; 2% very poor, 8% poor, 32% fair, 45% good, 13% excellent. Alfalfa and alfalfa mixtures stand 1% very poor, 6% poor, 34% fair, 50% good, 9% excellent. Timothy clover stand 1% very poor, 4% poor, 30% fair, 56% good, 9% excellent. Peaches 68% pink, 97% 1995, 88% avg.; 50% full bloom or past, 82% 1995, 74% avg. Cherries 75% pink, 99% 1995, 91% avg.; 58% full bloom or past, 92% 1995, 79% avg. Apples 48% pink, 95% 1995, 83% avg.; 28% full bloom or past, 81% 1995, 65% avg. Activities: Plowing, planting of oats, corn; spreading fertilizer; fixing fences; machinery maintenance, storing; hauling manure; caring for livestock.

PUERTO RICO: No weather data available.

SOUTH CAROLINA: Soil moisture 1% very short, 22% short, 73% adequate, 4% surplus. Days suitable for fieldwork and other outdoor activities 6.0. Barley 94% headed, NA 1995, NA avg.; 39% turning color, 49% 1995, 32% avg.; 4% poor, 34% fair, 61% good, 1% excellent. Corn 99% planted, 100% 1995, 99% avg.; 1% poor, 14% fair, 60% good, 25% excellent. Oats 98% headed, 96% 1995, 92% avg.; 41% turning color, 60% 1995, 45% avg.; 5% ripe, 17% 1995, 12% avg. Peanuts 85% planted, 49% 1995, 66% avg.; 22% fair, 49% good, 29% excellent. Rye 96% headed, NA 1995, NA avg.; 43% turning color, 61% 1995, 48% avg.; 13% ripe, 16% 1995, 11% avg. Sorghum 27% planted, 14% 1995, 18% avg.; 10% fair, 35% good, 55% excellent. Tobacco 99% planted, 92% 1995, 97% avg.; 8% fair, 84% good, 8% excellent. Wheat 99% headed, 98% 1995, 94% avg.; 25% turning color, 50% 1995, 38% avg.; 1% ripe, 14% 1995, 9% avg.; 1% very poor, 3% poor, 20% fair, 70% good, 6% excellent. Peaches 27% very poor, 64% poor, 8% fair, 1% good. Apples 30% very poor, 18% poor, 14% fair, 38% good. Watermelons 96% planted, 88% 1995, 88% avg.; 2% poor, 29% fair, 65% good, 4% excellent. Cantaloups 96% planted, 79% 1995, 83% avg.; 4% poor, 29% fair, 65% good, 2% excellent.

SOUTH DAKOTA: Days suitable for fieldwork 1.7. Topsoil moisture 3% short, 64% adequate, 33% surplus. Subsoil moisture 2% short, 67% adequate, 31% surplus. Winter rye 1% very poor, 4% poor, 26% fair, 64% good, 5% excellent. A significant number of acres of winter wheat continued to be worked up due to the high amount of winterkill and April wind damage across the State. Some recently seeded small grains are being reseeded because of the strong winds that blew out fields in late April. Livestock condition 2% poor, 22% fair, 68% good, 8% excellent. Cold, wet weather and muddy soil conditions continue to cause scours in newborns and health problems for livestock. Pasture feed 1% very poor, 10% poor, 40% fair, 44% good, 5% excellent. Pasture growth continues to be very slow with below normal temperatures and little sunshine during the week. Cattle moved to pasture 38%. Calving 89% complete, lambing 88% complete. Feed supplies 1% very short, 9% short, 84% adequate, 6% surplus. Stock water supplies 1% short, 70% adequate, 29% surplus. Flax 5% planted, 0% 1995, 26% avg. Sunflowers 1% planted, 0% 1995, 3% avg. Winter rye 0% boot, 1% 1995, 9% avg.

TENNESSEE: Days suitable for fieldwork 3.5. Topsoil 73% adequate, 27% surplus. Subsoil 76% adequate, 24% surplus. Corn 30% fair, 53% good, 17% excellent; 88% planted, 92% 1995, 76% avg. Tobacco 13% transplanted, 18% 1995, 17% avg. Wheat 3% very poor, 10% poor, 47% fair, 34% good, 6% excellent; 85% headed, 99% 1995, 89% avg. Sorghum 22% planted, 47% 1995, 31% avg. Alfalfa hay 1% very poor, 13% poor, 40% fair, 36% good, 10% excellent; 13% first cutting, 20% 1995, 23% avg. Other hay 5% very poor, 15% poor, 42% fair, 32% good, 6% excellent. Pasture feed 2% very poor, 11% poor, 34% fair, 48% good, 5% excellent. Cattle 2% very poor, 9% poor, 36% fair, 48% good, 5% excellent.

TEXAS: Warm, windy conditions continued most areas of State. Rain fell many parts north central, east. The moisture was beneficial; however, needs to become more general rather than widespread. Late week, parts of Edward's Plateau received very large hail causing some damage. Field operations continued most areas with delays in areas receiving rain. Pastures showing signs of greening; however, growth remained slow. Livestock conditions remained stable with steady feeding operations. Operators continued downsize their herds as dry conditions persist.

Crops: Small Grains: Fields continued head across Plains, north. Irrigation remained active in Plains. Scattered rainfall should benefit small grain fields. Producers plowing up failed dryland wheat. Many marginal fields baled parts north, south-central. Harvest increasing parts south, south-central areas. Other fields rapidly turning color under hot, dry conditions. Wheat harvested 1%, 1% 1995, 1% avg. Corn cultivation activity remained active many areas. Planting winding down High Plains with many fields up, growing under steady irrigation. Many fields north, south central areas remained behind schedule. Fields in Valley, along Upper Coast beginning to silk, under heat stress. 2% silked, 4% 1995, 3% avg. Grain sorghum planting continued many northern, Plains areas. Cultivation activity continued. Fields south central badly in need rain. Fields beginning to head in Valley. 4% headed, 7% 1995, 5% avg. Cotton planting continued High Plains, mainly on irrigated land. Planting winding down in north central. Poor growing conditions continued along Upper Coast parts of south-central. Fields beginning to bloom in Valley where irrigation remained steady. 3% squaring, 6% 1995, 4% avg. Rice planting winding down, flushing of emerged fields continuing. Peanuts planting continued in High, Low Plains with emerged fields showing good progress. Irrigation remained active. Poor stands reported south-central. Soybeans planting continued with emerged fields needing rain north-central, along Upper Coast.

Commercial Vegetables: Rio Grande Valley, harvest continued cabbage, carrots, onions, greens. San Antonio-Winter Garden, onion harvest increasing. Cabbage harvest continued. Dryland watermelons continued to suffer. Irrigated fields showing better progress as harvest nears. East, planting continued. Most watermelons have been planted. Insects, diseases are causing some problems. High Plains, onions, potatoes continued good progress under steady irrigation. Pepper planting underway. Trans-Pecos, peppers showing good growth. Onions sizing well. Irrigation continued. Pecans: Scouting for casebearers, fertilizing, zinc spraying main activities during week. Some spraying for casebearers underway south. Nut set continued north-central. Peaches remaining crop made fair progress.

Range and Livestock: Some green up continued with scattered rains. Producers fertilizing pastures. Some haygrazer fields planted. Livestock conditions remained stable with supplemental feeding.

UTAH: Days suitable for fieldwork 6.7. Topsoil 7% very short, 42% short, 47% adequate, 4% surplus. Subsoil 6% very short, 32% short, 59% adequate, 3% surplus. Spring wheat emerged 88%, 83% 1995, 85% avg. Barley emerged 88%, 81% 1995, 84% avg. Oats planted 68%, 65% 1995, 80% avg.; emerged 46%, 46% 1995, 57% avg. Corn planted 65%, 28% 1995, 50% avg.; emerged 14%. Potatoes planted 40%, 15% 1995, 17% avg. Alfalfa height 9.0 inches. Apples full bloom and past 100%, 94% 1995. Range, pasture feed 1% very poor, 14% poor, 32% fair, 45% good, 8% excellent. Ewes lambing on range 84%, 79% 1995, 84% avg. Sheep sheared on the range 94%, 88% 1995, 90% avg. Sheep moved to summer range 30%. Cattle moved to summer range 23%. Major farm, ranch activities: Irrigating, spring tillage, planting of corn. High winds are drying topsoil out in several counties.

VIRGINIA: Days suitable for fieldwork 2.7. Topsoil 67% adequate, 33% surplus. Subsoil 2% short, 87% adequate, 11% surplus. Corn 60% planted, 65% 1995, 65% avg.; 14% fair, 62% good, 24% excellent. Soybeans 5% planted, 8% 1995, 9% avg. Winter wheat 4% poor, 26% fair, 58% good, 12% excellent. Barley 1% poor, 25% fair, 68% good, 6% excellent. Cotton 70% planted, 91% 1995, 86% avg. Peanuts 45% planted, 66% 1995, 66% avg. Alfalfa 1% poor, 12% fair, 79% good, 8% excellent. Other hay 3% poor, 19% fair, 74% good, 4% excellent. Summer potatoes 10% fair, 80% good, 10% excellent. Tobacco in

greenhouses 4% fair, 41% good, 55% excellent. Tobacco in plantbeds 6% poor, 29% fair, 51% good, 14% excellent. Fire-cured tobacco transplanted 2%, 23% 1995, 16% avg. Flue-cured tobacco transplanted 13%, 48% 1995, 43% avg. Sun-cured tobacco transplanted 9%, 16% 1995, 12% avg. Pasture feed 2% poor, 21% fair, 66% good, 11% excellent. Apples 4% fair, 83% good, 13% excellent. Peaches 0% poor, 39% fair, 61% good. Activities: Rain, winds slowed farmers' progress this week. Corn, cotton, peanut planting continues. Soybean planting is just getting underway. Growers are transplanting flue, fire, sun tobacco. Some small grains are being scouted, sprayed for cereal leaf beetle, mildew, while tobacco growers are watching for target spot.

WASHINGTON: Days suitable for fieldwork 6.1. Topsoil 10% short, 65% adequate, 25% surplus; subsoil 5% short, 88% adequate, 7% surplus. Planting of spring crops picked up as conditions dried, cool temperatures continued to hamper growth in some areas. Some earlier planted spring crops were reseeded due to cold soil temperatures, crusting. Winter wheat, dryland 8% fair, 62% good, 30% excellent; irrigated, 79% good, 21% excellent. Hay, other roughage supplies, 4% very short, 25% short, 70% adequate, 1% surplus. Range, pasture feed, 5% poor, 40% fair, 50% good, 5% excellent. Pasture seeding, green chopping, hay cutting hampered by cold, wet conditions. Potatoes 94% planted, 84% 1995, 93% avg.; 47% emerged, 46% 1995, 46% avg. Spring wheat 86% planted, 86% 1995, 92% avg.; 65% emerged, 67% 1995, 81% avg. Corn 66% planted, 52% 1995, 60% avg. Dry peas 80% planted, 88% 1995, 85% avg. Small fruits in early set stage. Weather conditions poor for pollination, spraying. Winter damage on most fruit crops reported in central areas. Seeding of processing green peas, carrots, sweet corn continued. Asparagus harvested on-going.

WEST VIRGINIA: Days suitable for fieldwork 1.2. Topsoil 32% adequate, 68% surplus. Wheat 11% poor, 33% fair, 56% good; 7% headed, 10% 1995. Hay 10% poor, 41% fair, 48% good, 1% excellent. Spring planting 62%, 84% 1995. Corn planted 30%, 42% 1995, 42% avg. Oats planted 70%, 67% 1995, 79% avg.; 39% emerged, 47%

1995, 60% avg. Soybeans planted 3%, 13% 1995. Tobacco beds seeded 100%, 98% 1995, 97% avg.; 95% emerged, 89% 1995, 89% avg. Cattle 1% very poor, 19% poor, 27% fair, 51% good, 2% excellent; 97% calved. Sheep 7% poor, 45% fair, 47% good, 1% excellent; 96% lambed. Hay, roughage supplies 27% very short, 29% short, 41% adequate, 3% surplus. Feed grain 18% very short, 22% short, 60% adequate. Apples 75% fair, 25% good. Peaches 82% fair, 18% good. Activities: Preparing soil, fertilizing, planting where conditions allowed, repairing fences, general equipment maintenance.

WISCONSIN: Days suitable for fieldwork 2.6. Soil 5% short, 66% adequate, 29% surplus. Spring tillage 49%, 55% 1995, 56% avg. Rain followed by more rain, cool temperatures slowed the planting last week. Lots of tillage, planting was done on lighter soils, higher ground. Where possible, farmers were planting even though soil temperatures were still quite cold. Some farmers were looking at planting corn now, seeding oats later. Oats emerged was at 19%. Soybeans planted was at 4%, compared to 2% in 1995. Winter wheat damage was 10% none, 23% light, 26% moderate, 41% severe. Reporters commented on some damaged wheat being plowed down for other crops. Majority of alfalfa looks good, rate of growth has been slow. Peas were reported up in the central district. Some severe damage to cherry trees was noted in the east-central district.

WYOMING: Days suitable for fieldwork 5.3. Topsoil 86% adequate or surplus. Barley 89% planted, 85% 1995, 86% avg.; 61% emerged, 64% 1995, 65% avg. Oats 75% planted, 62% 1995, 73% avg.; 26% emerged, 28% 1995, 39% avg. Spring wheat 85% planted, 50% 1995, 70% avg.; 32% emerged, 25% 1995, 42% avg. Sugar beets 99% planted, 96% 1995, 96% avg.; 41% emerged, 35% 1995, 38% avg. Corn 68% planted, 43% 1995, 51% avg.; 6% emerged, 9% 1995, 9% avg. Winter wheat 11% jointed, 9% 1995, 29% avg. Range flock ewes lambed 44%, 43% 1995, 56% avg.; shorn 89%, 83% 1995, 84% avg. Range, pasture feed 37% fair, 52% good, 11% excellent.

Midwest Flood Update (as of May 13, 1996)

The most serious flooding continued along north-side tributaries of the lower Ohio River, including the White and Wabash River basins. On May 13, the Wabash River at Mount Carmel, IL was 11.5 feet above flood stage (a.f.s.), placing under water much of western Gibson County, Indiana. Farther south, the Wabash stood 4½ miles wide at New Harmony, IN. Along the mainstem Ohio River, a crest reached Owensboro, KY on May 13 (more than 2 feet a.f.s.), and is forecast to be nearly 16 feet a.f.s. near Shawneetown, IL on May 15 before entering the Mississippi River 2 days later at Cairo, IL.

One Mississippi River crest, a product of snowmelt and recent rainfall, reached Muscatine, IA at less than a foot a.f.s. on May 13. Farther downstream, where the middle Mississippi is more

significantly above flood stage due to 3 weeks of heavy rain, a crest reached Louisiana, MO (about 6.1 feet a.f.s.) on May 13. The crest is forecast to reach St. Louis, MO, 3.3 feet a.f.s., on May 15.

The La Moine River, a tributary of the Illinois River (which flows into the Mississippi), posted a record crest (7.8 feet a.f.s.) at Ripley, IL, on May 8. The former record (7.1 feet a.f.s.) was set on June 23, 1990. Another Mississippi River tributary, the Big Muddy, stood more than 16 feet a.f.s. at Murphysboro, IL between May 9-13.

The Missouri River crested at about a foot a.f.s. on May 10 at Brownville, NE. By May 13, river levels stood 1 to 5 feet a.f.s. downstream of Waverly, MO, with a crest expected at the Mississippi River confluence on May 15.

International Weather and Crop Summary

May 5 - 11, 1996

HIGHLIGHTS

FSU-WESTERN: Hot and generally dry weather over Ukraine and Russia accelerated winter grain development, and allowed rapid spring grain and summer crop planting.

EUROPE: Northwestern areas continued to receive below-normal precipitation, maintaining insufficient moisture for developing crops.

NORTHWESTERN AFRICA: Late-season showers continued over winter grain areas in Morocco, Algeria, and Tunisia.

SOUTH AFRICA: Despite early-week delays, conditions generally favored corn harvesting and winter wheat planting.

AUSTRALIA: Warm, dry weather brought some relief to Queensland's summer crops as light showers benefited winter grain areas of the southeast and west.

CANADA: Continued unseasonable cold throughout the Prairies prevented spring grain and oilseed planting.

SOUTHEAST ASIA: The monsoon started in Indochina, bringing widespread rain. Dry weather aided main-season rice harvesting in Java.

EASTERN ASIA: Rain increased topsoil moisture for summer crop and spring wheat germination in Manchuria. Drier weather in the North China Plain favored summer crop planting.

SOUTH AMERICA: Mostly dry weather promoted soybean and cotton harvesting across Argentina and southern Brazil.

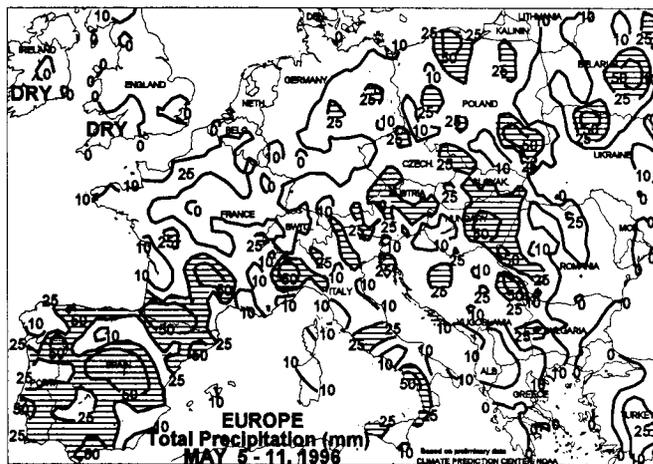
FSU-WESTERN

Hot weather spread eastward over the region, accelerating winter grain development and warming topsoils for spring and summer crop planting. Weekly temperatures over Russia and Ukraine ranged from 5 to 9 degrees C above normal. Furthermore, highest weekly temperatures ranged from 28 to 32 degrees C in Ukraine and in Russian crop areas as far north as the Central and Volga Vyatsk regions. Little or no precipitation fell over most of Russia, Ukraine, and the Baltics, allowing for rapid spring grain and summer crop (corn, sunflowers, and sugar beet) planting. Reports as of May 12 indicated that spring grain planting was underway in all regions in Russia. Spring grain planting, reported at 25 percent completed, was running well behind last year's pace because of a late spring. However, summer crop planting was proceeding rapidly with corn, sugar beets, and sunflowers 27, 62, and 25 percent complete, respectively. Significant precipitation (10-50 mm) was confined to eastern Belarus, Estonia, and the western portion of the Central Region in Russia. This past week's hot, dry weather in Ukraine and Russia caused a rapid depletion in topsoil moisture and rain is needed for uniform spring grain and summer crop emergence.

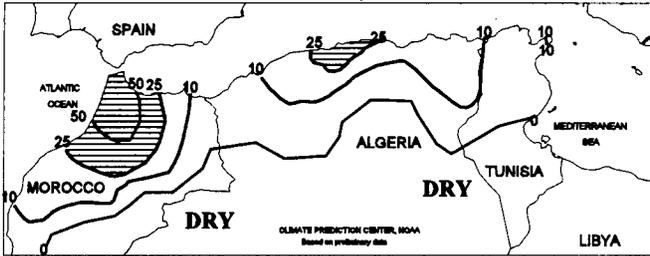


EUROPE

Light, scattered showers covered northwestern Europe (England, northern France, and Germany) continuing a below-normal rainfall pattern that has persisted since last December. Greatest amounts of rain (10-25 mm) fell over extreme northern France and eastern Germany. Although below-normal temperatures in these areas helped to lower crop-water demands, insufficient soil moisture is causing increasing concern about potential winter crop yield declines, especially in areas of lighter soils. Winter oilseeds in England, northern France, and Germany were in or nearing the highly moisture-sensitive flowering stage. Winter grains in these areas were in the jointing stage, a time when crop water demands are increasing. In eastern Europe, light to moderate showers (10-54 mm) fell from Poland southward to western areas in Romania and Bulgaria, favoring winter grains in the jointing stage and emerging spring grains. Elsewhere, late-season rainy weather (15-50 mm, with local amounts in excess of 50 mm) continued over Spain and spread eastward into peninsular Italy. The rain was mostly beneficial for crop development.



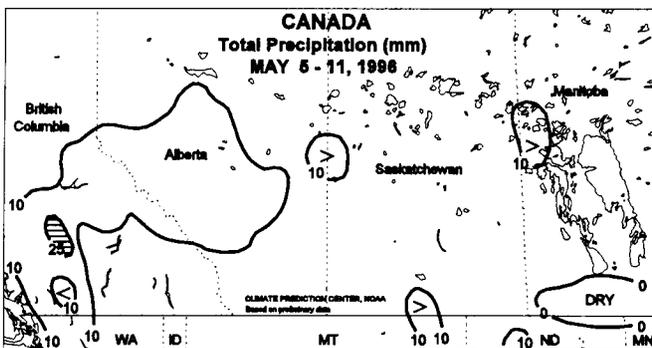
NORTHWEST AFRICA Total Precipitation (mm)
MAY 5 - 11, 1996



NORTHWESTERN AFRICA

Late-season showers continued over Morocco, Algeria, and Tunisia. Rainfall ranged from 10 to 25 mm in southern Morocco, 25 to 54 mm in northern Morocco, 10 to 25 mm in Algeria, and generally less than 10 mm in Tunisia. Although the rain benefited immature winter grains, it slowed crop maturation and early harvest activities. Typically, winter grain harvesting begins in May and extends through July.

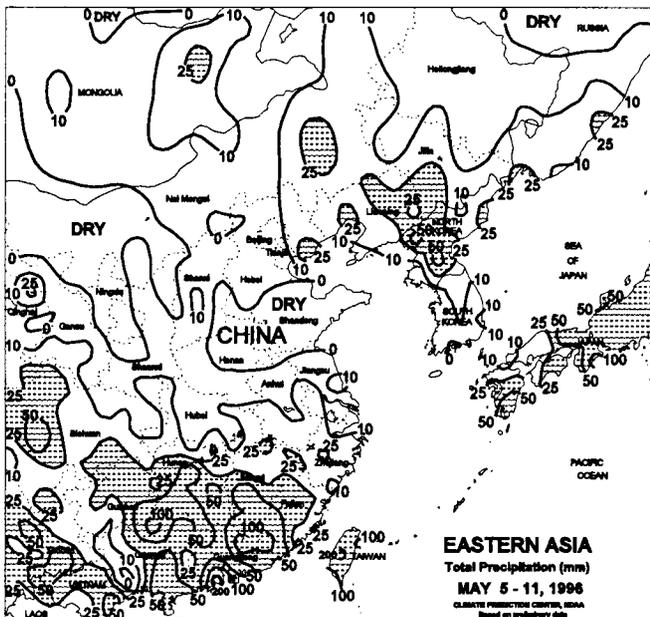
CANADA Total Precipitation (mm)
MAY 5 - 11, 1996



CANADA

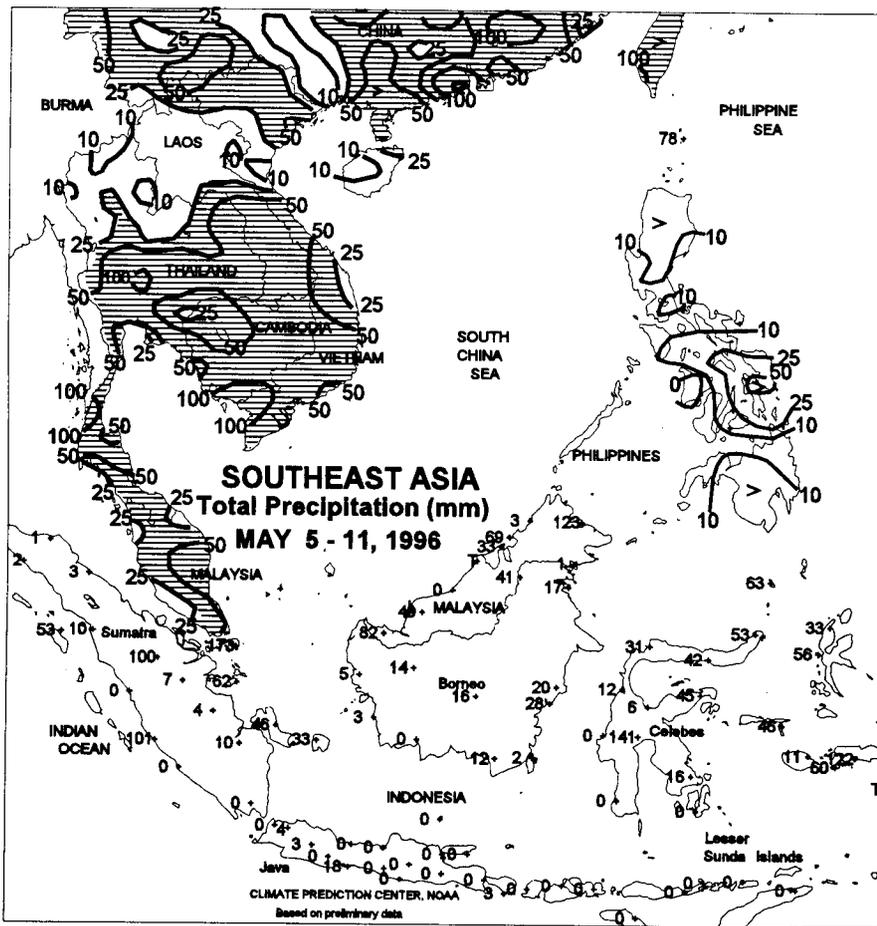
Frigid weather (5-8 degrees C below normal, lows ranging from -2 to -12 C) persisted over the Prairies, exacerbating spring planting delays. The cold not only kept soil temperatures too low for germination but also impeded field drying in areas suffering from excessive topsoil moisture, most notably in Manitoba. The optimal planting period for spring grains and oilseeds ends in early June, with later planted crops at a higher risk of summer heat stress and autumn freeze damage. In eastern Canada, cool, wet weather (temperatures 1-2 degrees C below normal, precipitation totaling 20-50 mm or more) covered the main crop areas of Ontario and Quebec. Despite the continued unseasonable coolness, lows were above freezing and temperatures averaged near 10 C, favoring spring growth and allowing assessment of potential winterkill.

EASTERN ASIA Total Precipitation (mm)
MAY 5 - 11, 1996



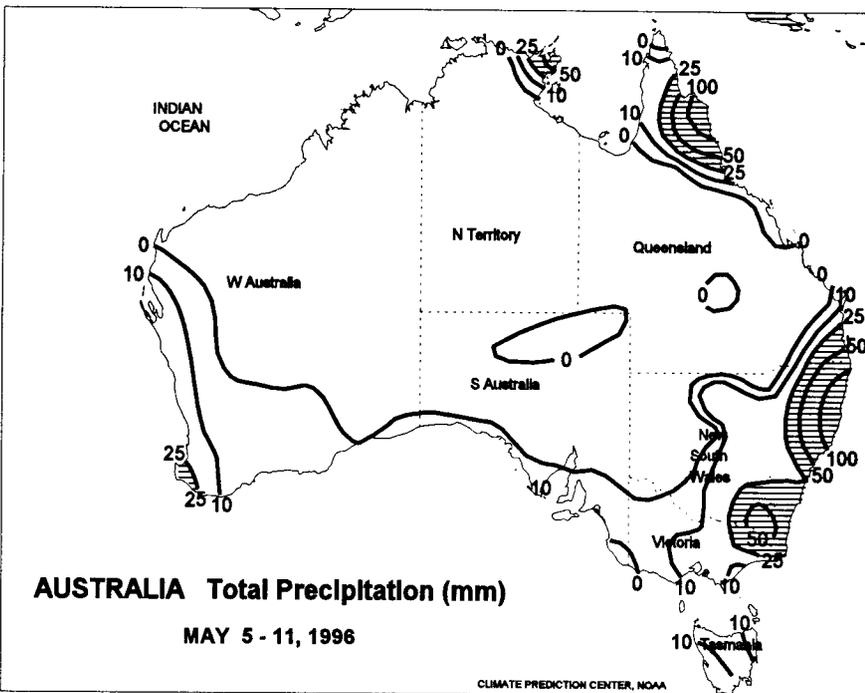
EASTERN ASIA

Light to moderate rain (5-30 mm) fell across Manchuria, increasing topsoil moisture for summer crop and spring wheat germination. Drier weather favored summer crop planting across the North China Plain. Spring wheat planting is ending in the north, while summer crop planting will finish by mid-June in the northeast and North China Plain. Moderate showers (20-75 mm) covered southern China, increasing rice irrigation supplies. Cool weather (2-4 degrees C below normal) slowed crop development in Manchuria and across portions of the southwest (Sichuan Basin, Guizhou, and northern Guangxi).



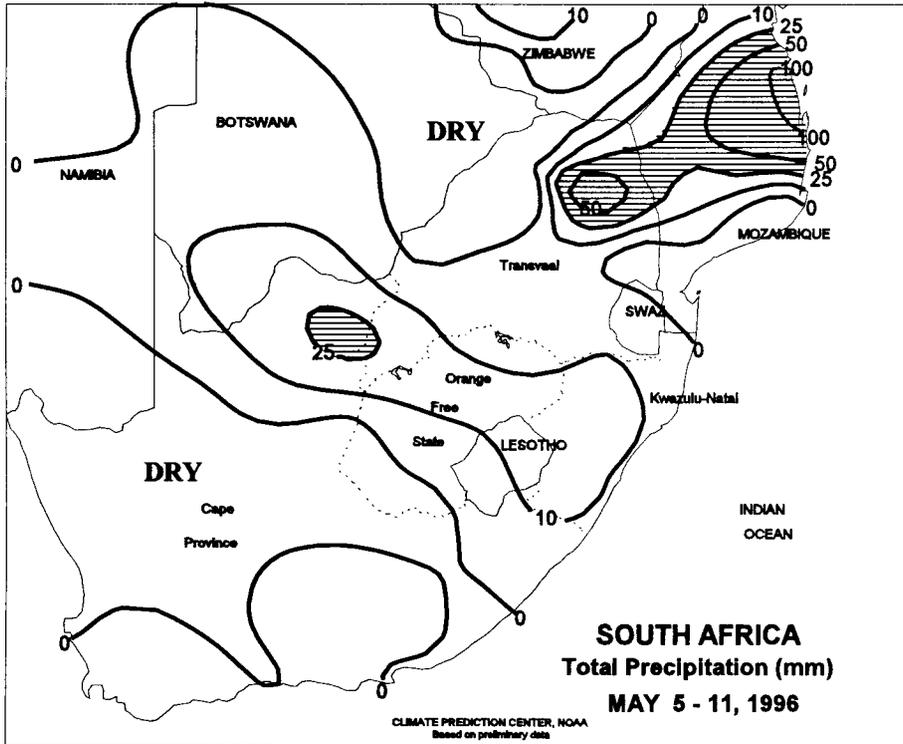
SOUTHEAST ASIA

The monsoon started in early May across Indochina, producing widespread showers (25-70 mm, with isolated amounts greater than 100 mm) in Thailand and central and southern Vietnam. The monsoon is early, since it typically starts in mid-May. Moderate showers (20-50 mm) favored oil palm across peninsular Malaysia. Dry weather favored main-season rice harvesting in Java. Seasonable showers (10-50 mm) covered the northern and eastern Philippines. By week's end, Tropical Storm Bart was approaching the Philippines from the east.



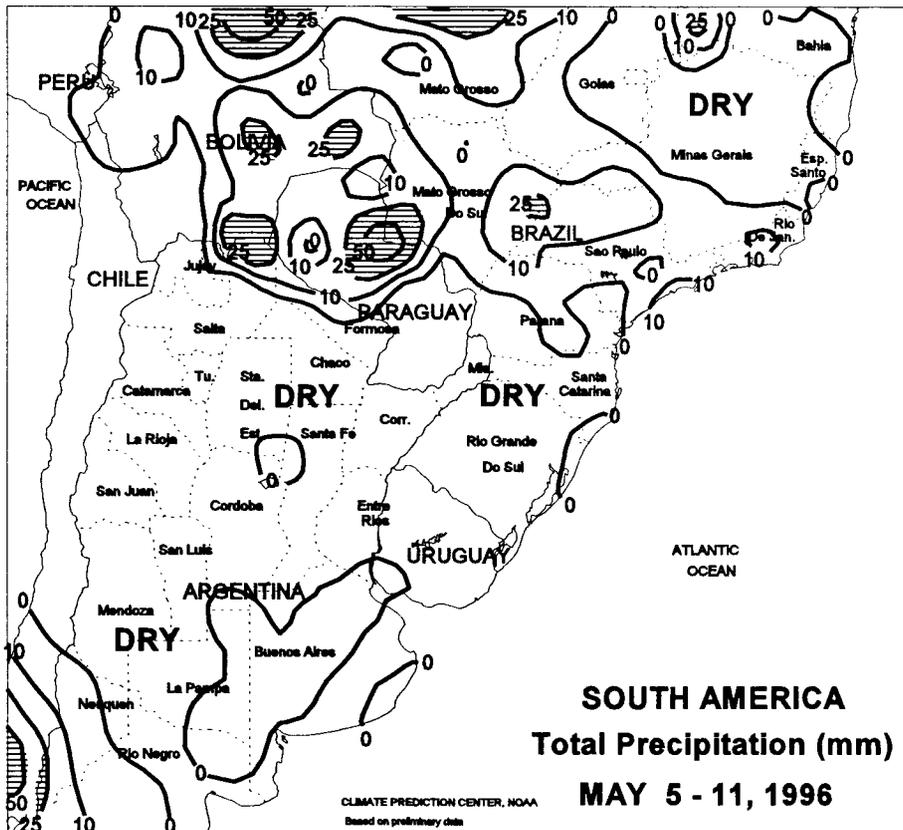
AUSTRALIA

Warm, dry weather covered Queensland's main crop areas, bringing some relief to mature summer crops hit hard by last week's inundating rains and flooding. However, additional rain (10-25 mm or greater) fell in eastern New South Wales, adding to soil moisture reserves in the winter wheat belt. Heaviest rain (25-50 mm or more, exceeding 100 mm locally) was recorded along the Dividing Range and coastal areas south of Brisbane, keeping southernmost sugarcane areas unfavorably wet. Elsewhere, scattered, mostly light showers (5-15 mm) swept across winter grain areas of the west and southeast, moistening topsoils for germination. In New Zealand, cool, mostly dry weather covered the main pasture areas, with just a few rainfall totals exceeding 10 mm.



SOUTH AFRICA

Early-week, scattered showers (5-30 mm) slowed harvesting across northern and eastern sections of the corn belt. However, generally warm, dry weather the remainder of the week favored crop dry down and encouraged fieldwork, including winter wheat planting. The continued absence of a killing freeze, past the normal date in Orange Free State and environs, benefited immature summer crops. This is the final summary of the season; coverage will resume in October as corn planting commences.



SOUTH AMERICA

Across Argentina and southern Brazil, mostly dry weather favored summer crop harvesting. In northern Argentina, dry weather eased wetness from previous heavy rain. Reports as of May 3 indicated the following harvest progress in Argentina: 63 percent of corn, 22 percent of soybeans, 99 percent of sunflowerseed, 45 percent of sorghum, and 24 percent of cotton. Sorghum and cotton harvesting were lagging 20 to 30 percentage points behind schedule. The only significant rain (5-20 mm) fell in Brazil, across portions of Mato Grosso do Sul, Sao Paulo, and Mato Grosso. The dry weather also favored early winter wheat planting in Brazil.

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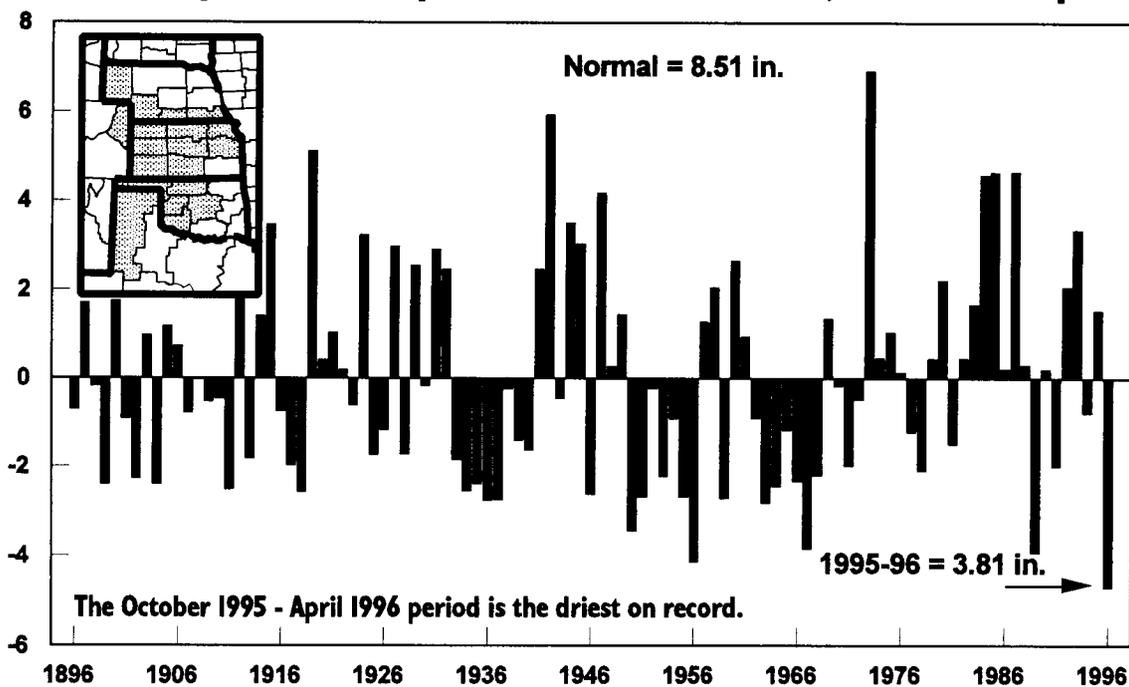
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Hard Red Winter Wheat Area

Precipitation Departure from Normal, October-April



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