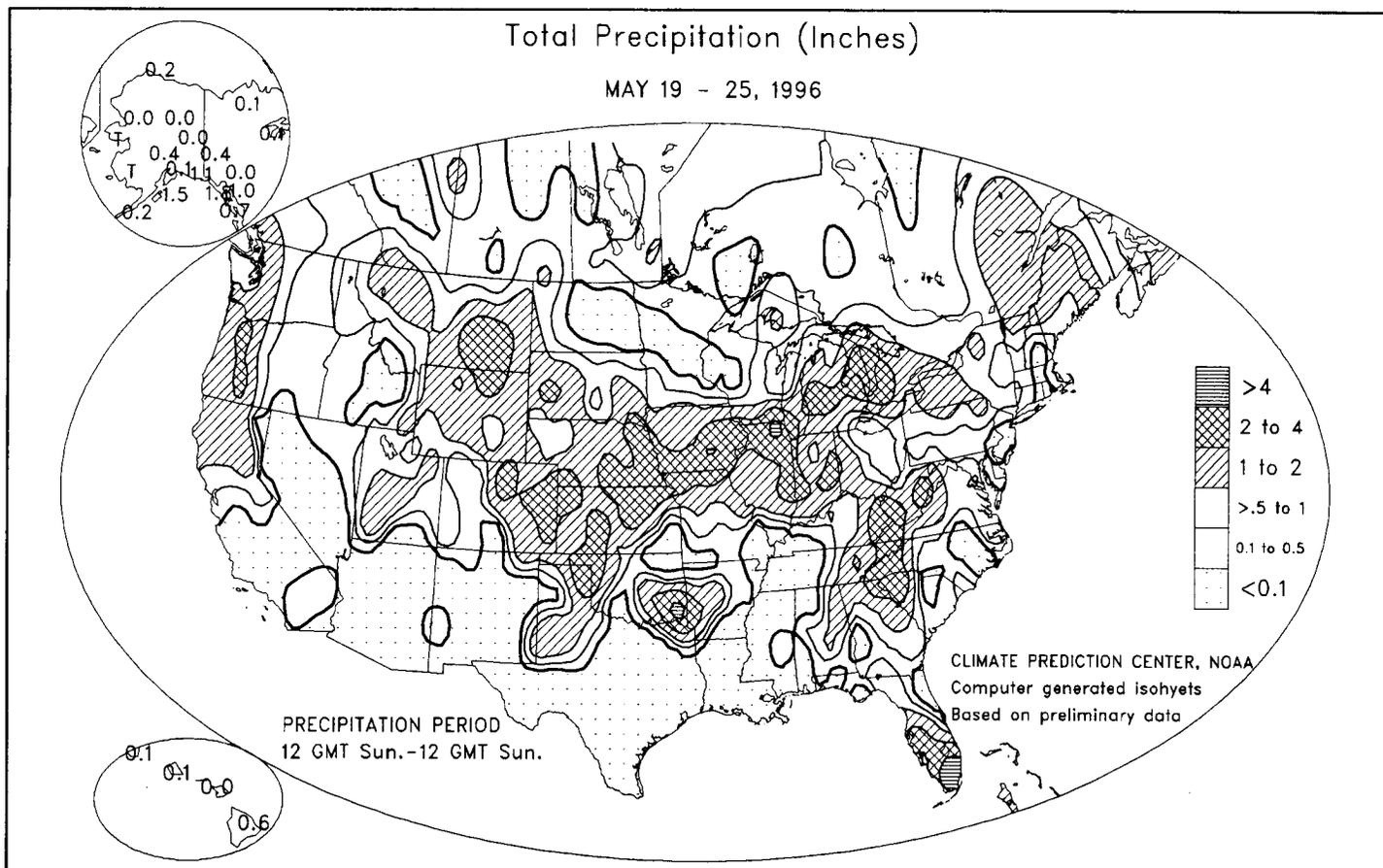


WEEKLY WEATHER AND CROP BULLETIN

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

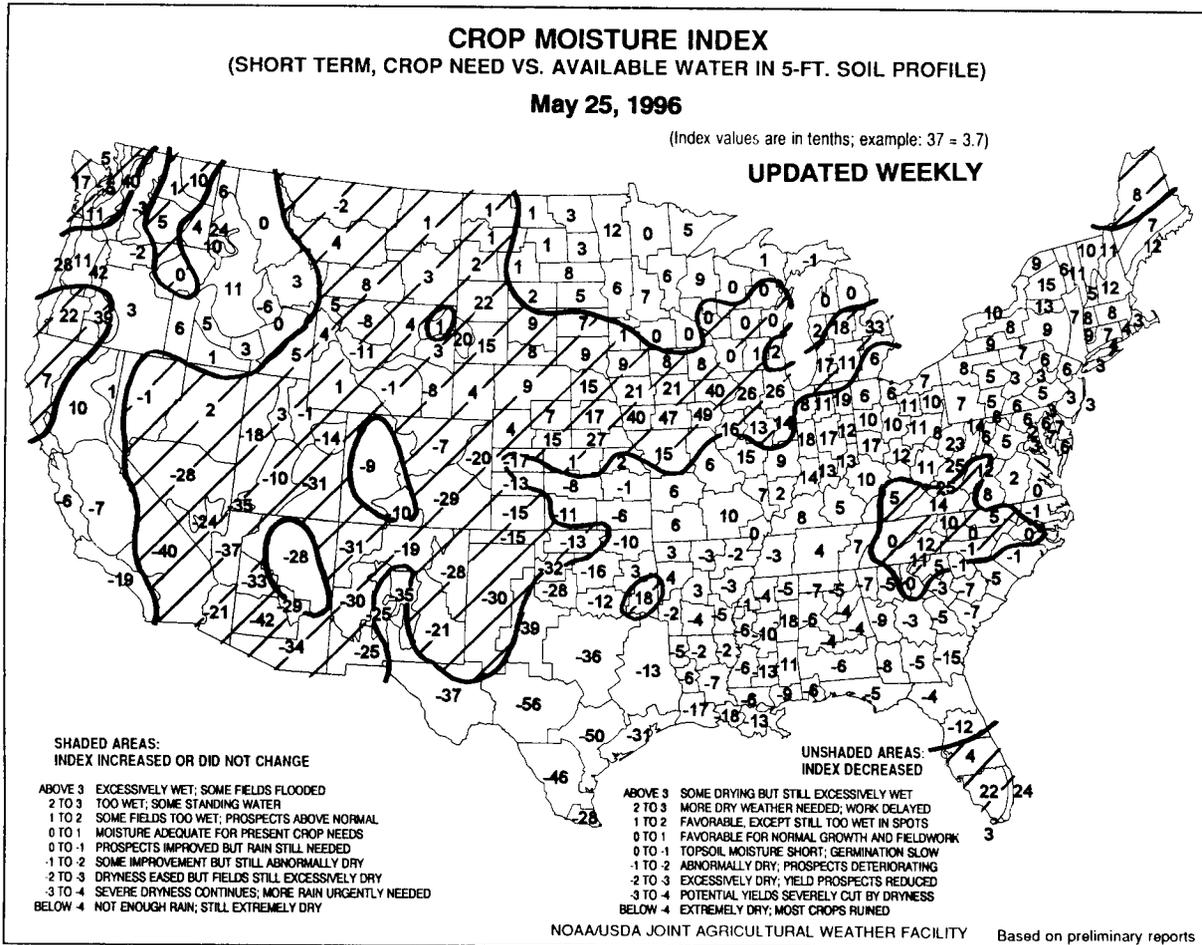
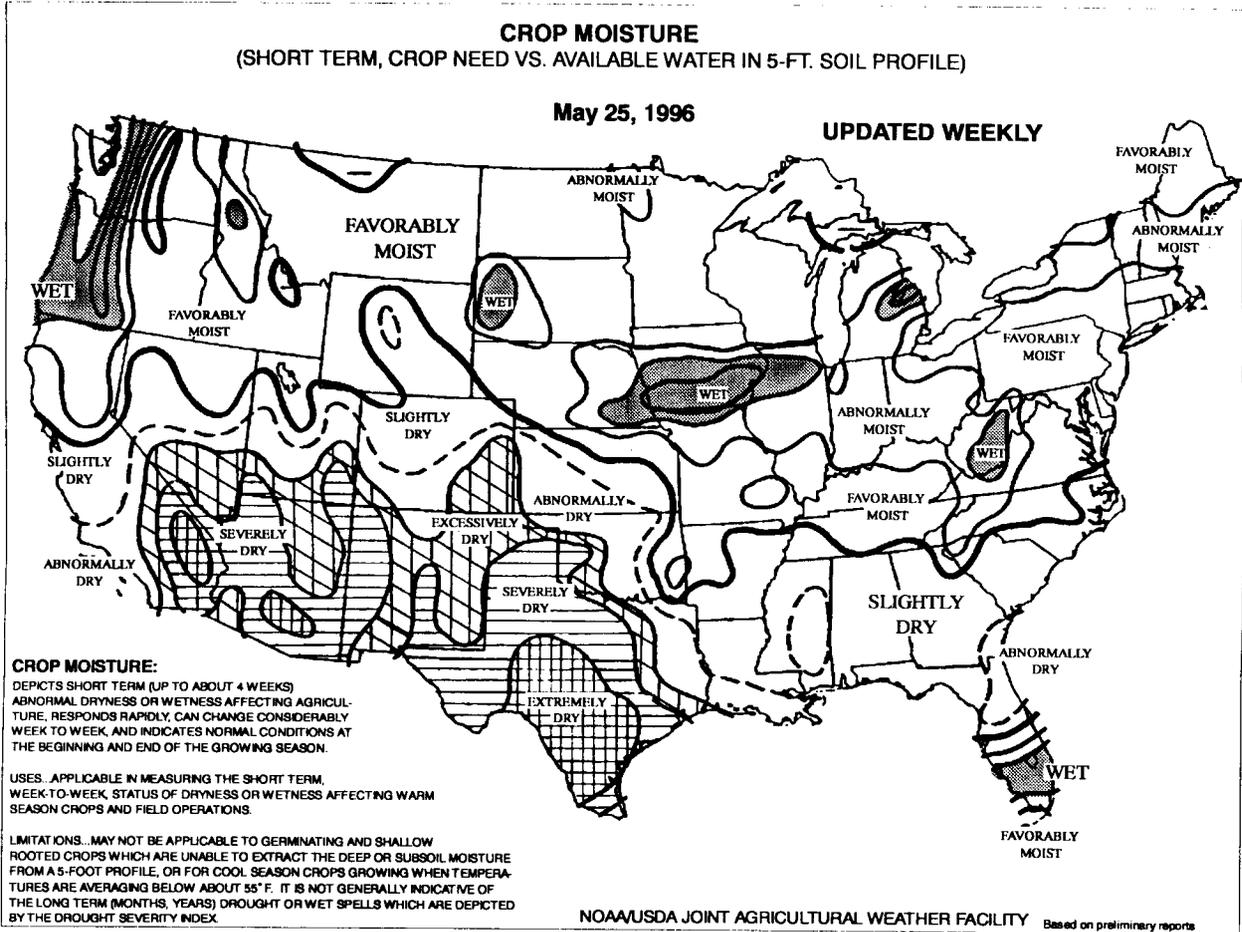
May 19 - 25, 1996

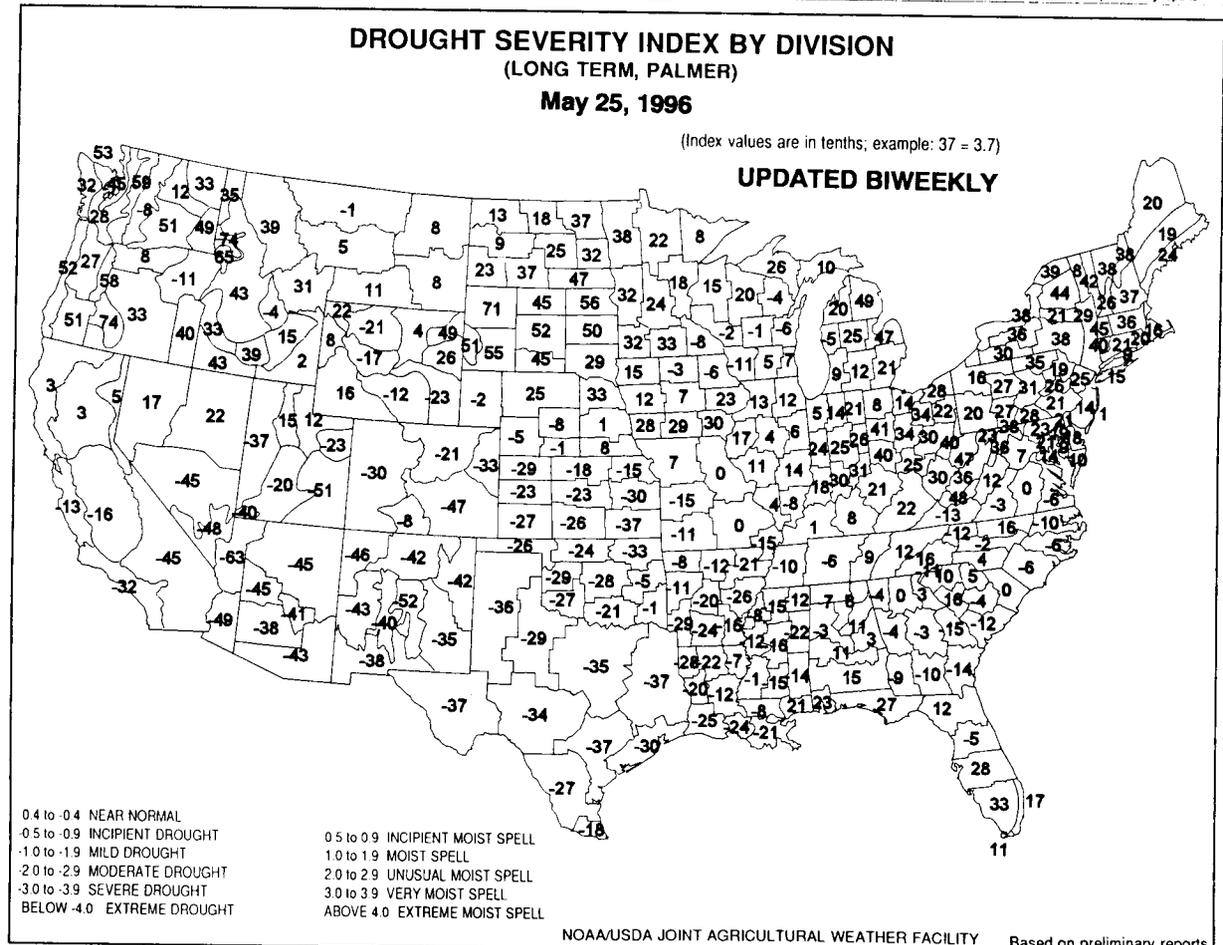
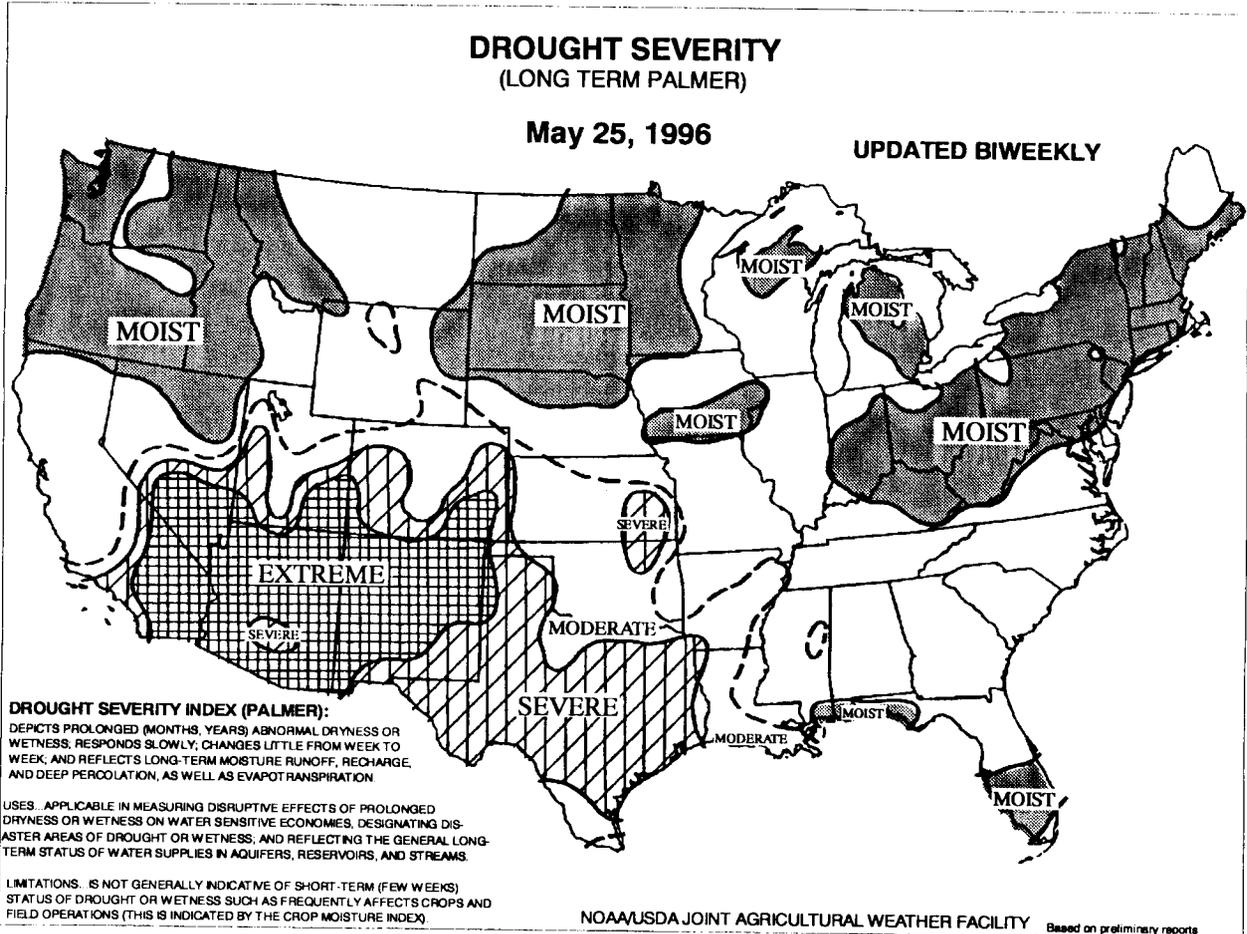
Dryness persisted through a third week in the **Southeast**, where temperatures approached May-record levels. Farther west, strong thunderstorms peppered the **southern High Plains**, providing localized soil-moisture improvement and signaling an end to a record-setting May heat wave. (Between May 16 and 25, more than 250 daily-record highs and more than a dozen May records were set or tied.) More substantial rainfall soaked the **central Plains**, tempering long-term drought. Rainy, cool weather returned to the **Corn Belt** after midweek, closing a window of rapid planting progress and crop development. Elsewhere, late-season rainfall dampened the **Pacific Northwest** through midweek, while heavy rain drenched **southern Florida** on May 21-22.

(Continued on page 5)

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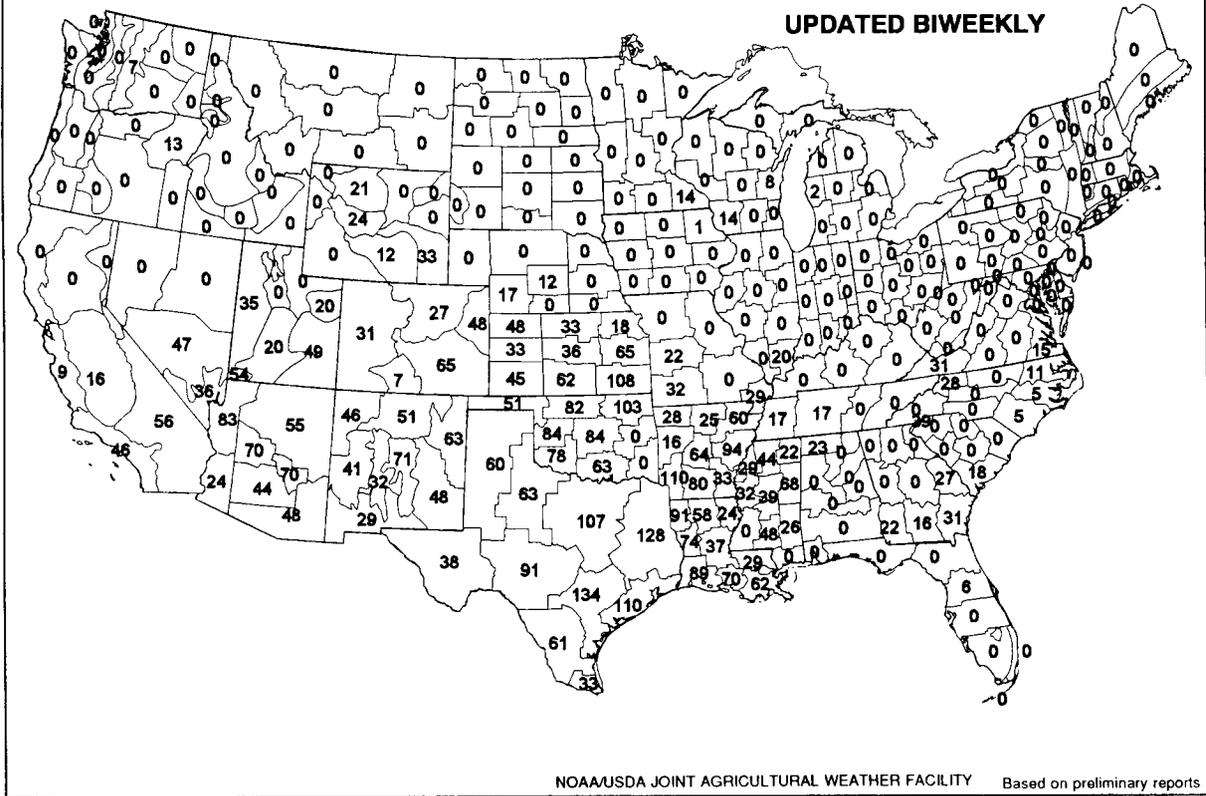


ADDITIONAL PRECIPITATION NEEDED TO BRING INDEX NEAR ZERO
(LONG TERM, PALMER)

May 25, 1996

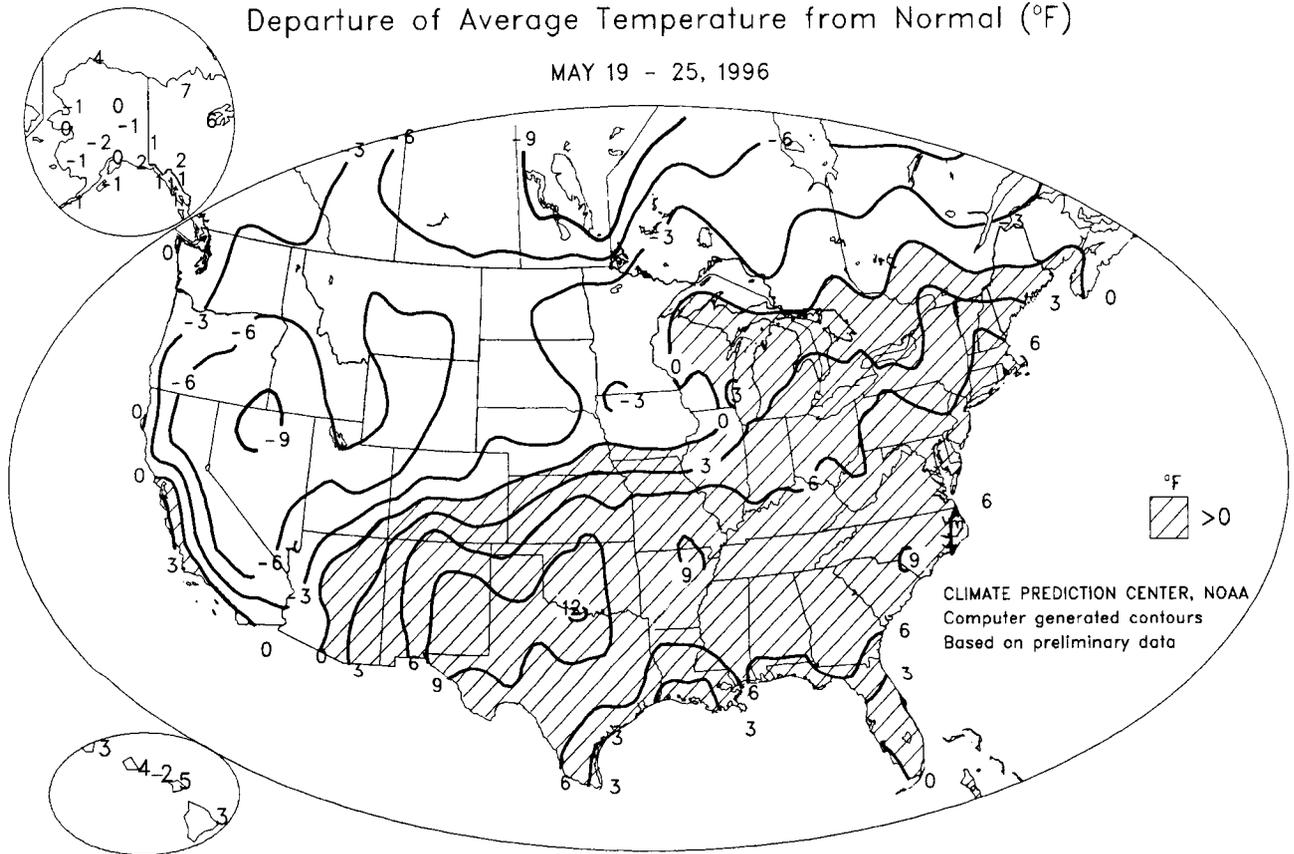
(Index values are in tenths; example: 37 = 3.7)

UPDATED BIWEEKLY



Departure of Average Temperature from Normal (°F)

MAY 19 - 25, 1996



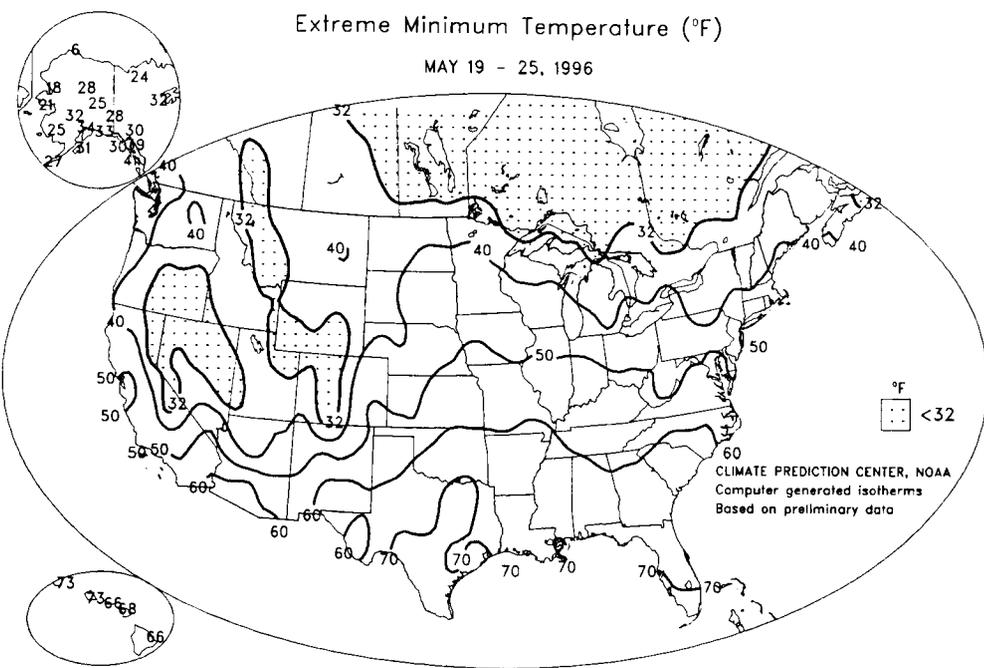
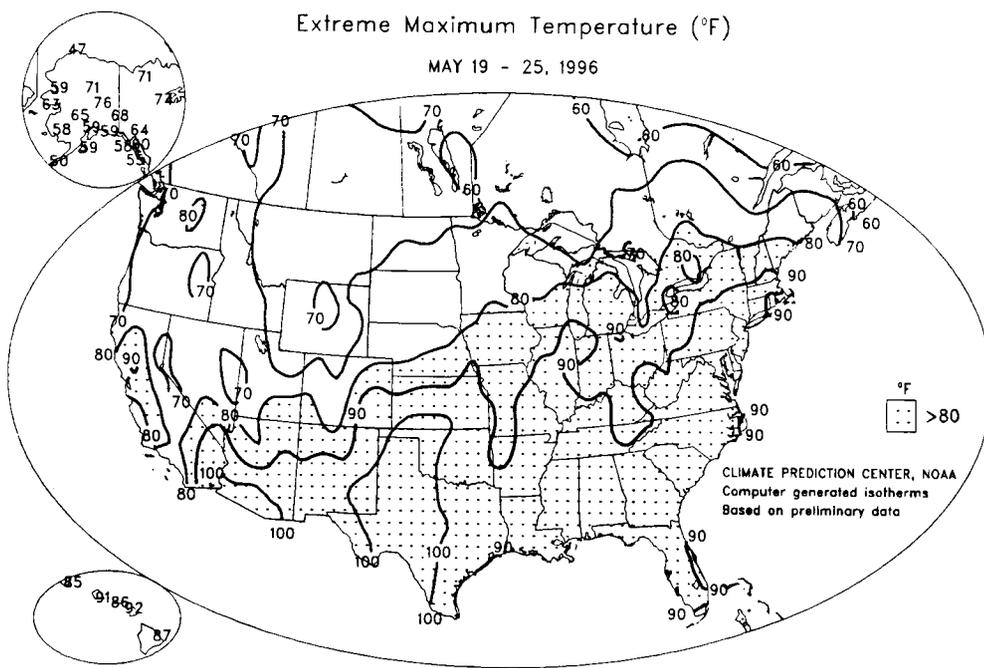
(Continued from front cover)

On Sunday, desiccating winds accompanied temperatures of 95 to 105°F on the **Texas Plains**. In **Lubbock**, southerly gusts to 37 mph accompanied a May-record high of 105°F, their sixth consecutive triple-digit reading. **Midland** registered 103°F, their fifth and hottest day during a 6-day string of daily-record heat. After a respite, heat returned on May 22, again propelling **Lubbock** to 105°F. Southerly wind gusts to 44 mph attended **Midland's** high of 104°F. In **Amarillo**, a reading of 101°F on Wednesday marked their ninth daily-record high during the month. Two days later, **Amarillo's** high reached 95°F, a 16th day of 90-degree heat during May, eclipsing their former record set in 1962 and 1974. On May 23, May record-tying heat stretched as far north as **Wichita, KS** (100°F). Cooler air, accompanied by thunderstorms, arrived toward week's end. In **Amarillo**, 0.31 inches fell on May 24, ending a 54-day dry spell. A 1.61-inch rainfall pelted **Lubbock** on Saturday night, accounting for 89 percent of their May total (through the 26th), 71 percent of their year-to-date total, and half of their rainfall since October 1, 1995.

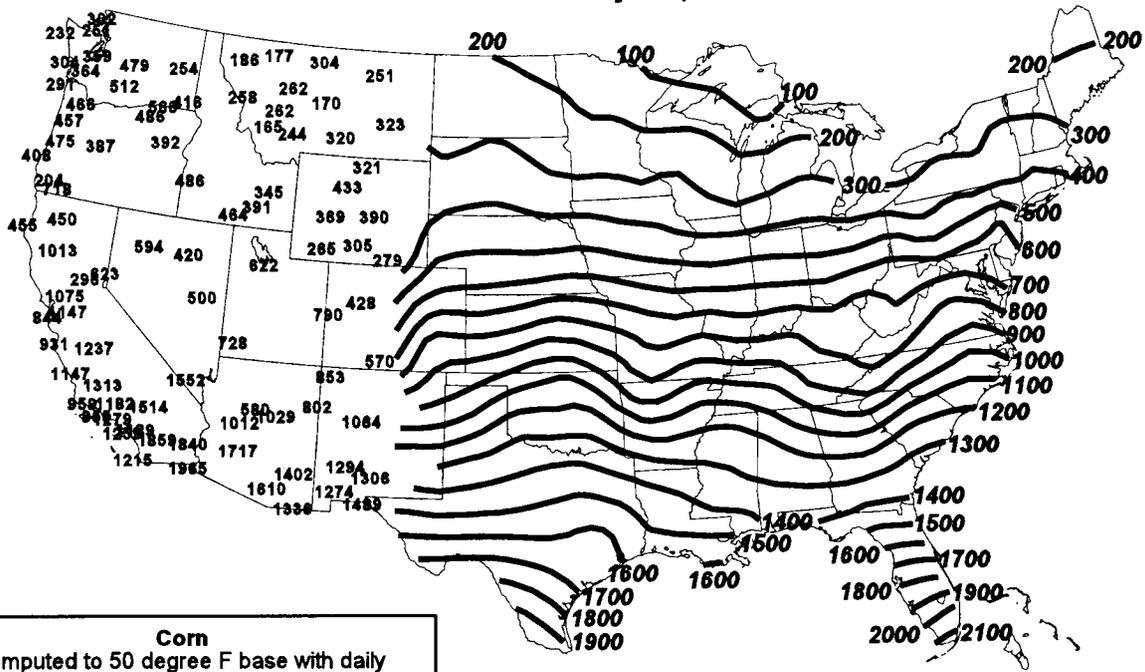
In the **East**, heat shifted southward during the week, producing several May records. On Monday, highs reached 100°F as far north as **Lexington Park, MD**. Other May records included 99°F in **Newark, NJ** and 97°F in **Bridgeport, CT**. Farther south, hot weather aggravated the effects of short-term dryness. In **Alabama**, a May record was set in **Pinson** (97°F on Thursday) and tied in **Huntsville** (96°F on Friday). Highs reached or exceeded 90°F on 8 consecutive days (May 17-24) in **Atlanta, GA**, breaking their May record of 6 days established in 1941 and 1944. Through May 26, monthly rainfall totaled less than a third of an inch in parts of the **Southeast**, including **Meridian, MS** (0.03 inches), **Jacksonville, FL** (0.12 inches), and **Huntsville** (0.22 inches). In contrast, **Miami, FL** withstood 4.36 inches of rain in a 24-hour period on May 21-22.

During the passage of another late-season storm, precipitation topped an inch as far south as the **central Sierra Nevada**, where **Blue Canyon, CA** collected 1.49 inches. Farther north, **Salem, OR** received 1.02 inches. Unlike recent eastward-bound disturbances, some of the storm's energy plunged into the **Southwest**, delivering late-week heavy snow (9 inches) as far south as **Mt. Charleston, NV** (near **Las Vegas**). After midweek, widespread heavy rain developed on the **northern High Plains**, expanding across the **central Plains** and much of the **Corn Belt** by week's end. By May 25, storm totals reached 2 inches or more in many locations, including **Sioux City, IA**, **Goodland, KS**, **Miles City, MT**, and **Lander, WY**. Earlier in the week, a cold front edged across the **Northeastern and Great Lakes States**, focusing daily-record rainfall in **Caribou, ME** (0.68 inches on May 19) and **Grand Rapids, MI** (3.39 inches on May 20). As the front pushed through **Elkins, WV** on Tuesday, 2.75 inches fell, propelling their May rainfall to nearly 13 inches, an all-time record for any month.

In **Hawaii**, weekly temperatures averaged 2 to 5°F above normal. Highs of 91°F in **Honolulu** (on Wednesday) and 92°F in **Kahului** (on Thursday) were among the handful of daily-record highs. After midweek, warmth exploded across **northern Alaska**. **Barrow** (47°F) logged a daily-record high on Thursday. A day later, **Umiat** recorded a remarkable 79°F, 43°F above normal, 25°F higher than their former daily record, and 6°F greater than their former May record.



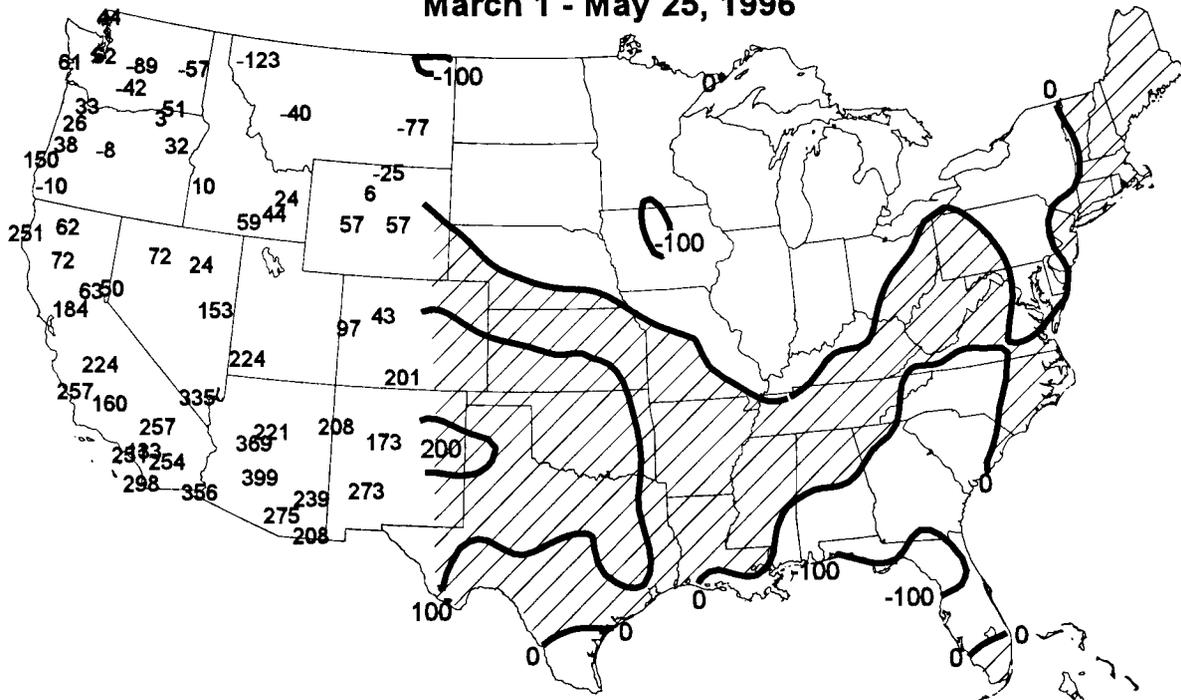
Total Growing Degree Days March 1 - May 25, 1996



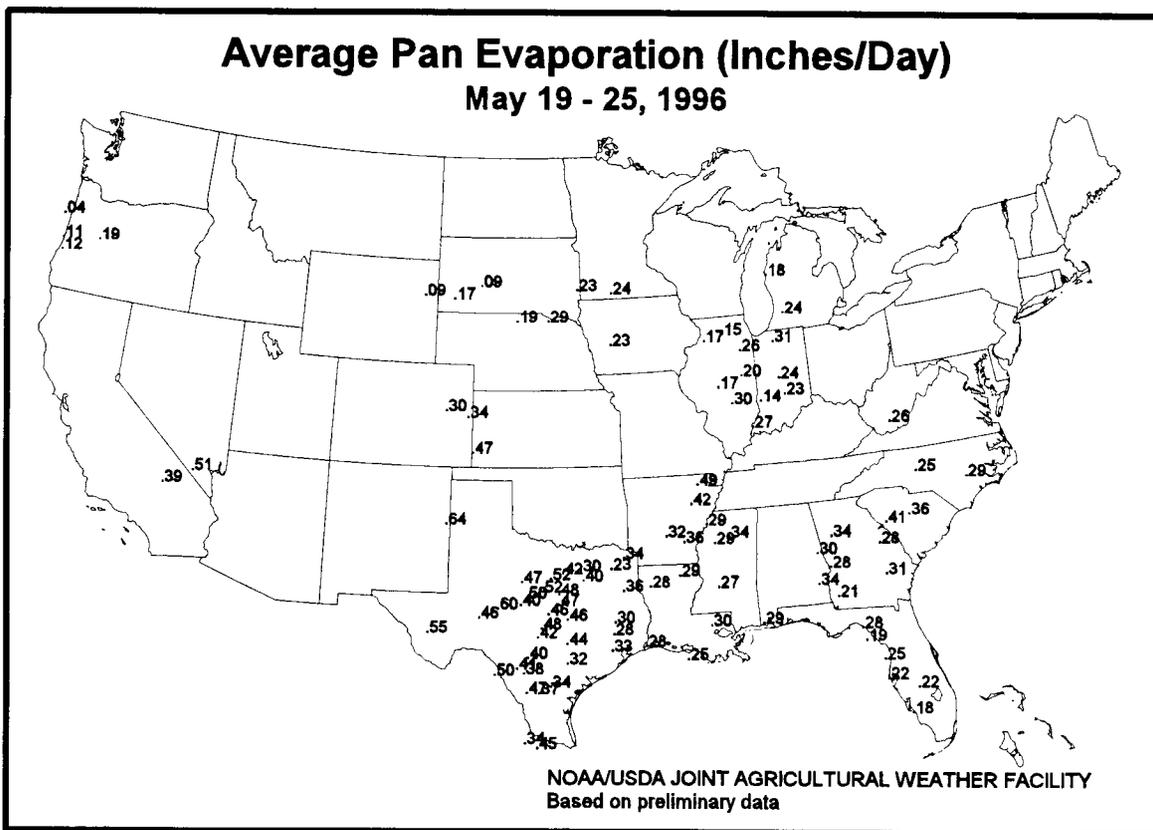
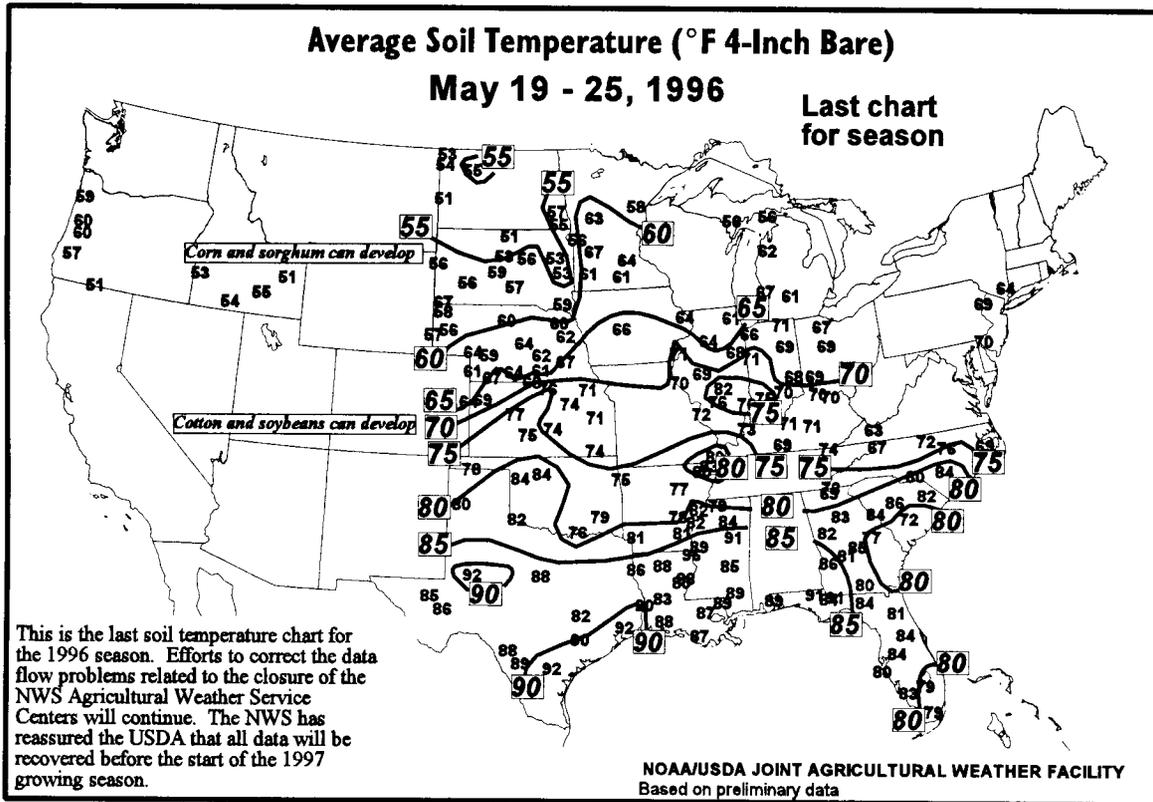
Corn
 Computed to 50 degree F base with daily maximum temperature limited to 86 degrees F or less and daily minimum to 50 degrees F or more.

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
 Based on preliminary data

Growing Degree Days Departure from Normal March 1 - May 25, 1996



NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
 Based on preliminary data



National Weather Data for Selected Cities

Weather Data for the Week Ending May 25, 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	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP.	
																		01 INCH OR MORE	.05 INCH OR MORE	01 INCH OR MORE	.05 INCH OR MORE
AL	BIRMINGHAM	92	66	96	64	79	8	0.40	-0.66	0.40	14.98	99	27.66	111	97	44	6	0	1	0	0
	MOBILE	92	68	96	64	80	4	0.00	-1.32	0.00	16.53	107	27.17	105	93	46	5	0	0	0	0
	MONTGOMERY	92	66	96	65	79	6	0.85	-0.08	0.85	15.77	115	26.99	112	91	43	5	0	1	1	0
AK	ANCHORAGE	55	42	59	34	49	0	0.12	-0.05	0.12	0.63	32	3.14	88	87	43	0	0	1	0	0
	BARRROW	35	22	47	6	28	4	0.15	0.12	0.15	0.51	109	0.62	87	95	77	0	6	1	0	0
	FAIRBANKS	66	38	76	25	51	-1	0.00	-0.17	0.00	0.67	57	2.40	115	86	18	0	1	0	0	0
	JUNEAU	56	43	60	39	49	1	--	--	--	--	--	--	97	60	0	0	--	--	--	--
	KODIAK	50	38	59	31	44	-1	1.46	0.18	0.89	12.84	97	17.77	68	93	60	0	1	6	1	0
	NOME	48	31	63	21	40	0	0.01	-0.13	0.01	1.48	86	4.39	139	81	44	0	5	1	0	0
AZ	PHOENIX	91	70	100	63	81	0	0.00	-0.03	0.00	0.55	46	1.81	70	29	11	4	0	0	0	0
	PRESCOTT	75	50	85	39	63	3	0.00	-0.11	0.00	1.15	37	2.19	35	48	21	0	0	0	0	0
	TUCSON	92	65	101	57	79	3	0.00	-0.03	0.00	0.32	28	1.13	42	31	12	5	0	0	0	0
	YUMA	92	67	99	61	79	-2	0.00	0.00	0.00	0.43	108	0.61	63	42	13	5	0	0	0	0
AR	FORT SMITH	87	68	91	65	78	7	1.66	0.48	1.66	13.03	106	17.44	103	90	52	3	0	1	1	1
	LITTLE ROCK	--	--	--	--	--	--	0.25	-0.93	--	11.16	77	15.28	72	--	--	--	--	--	--	--
CA	BAKERSFIELD	80	53	85	48	66	-6	0.00	-0.03	0.00	0.65	37	4.20	114	70	23	0	0	0	0	0
	EUREKA	61	47	63	42	54	1	0.55	0.29	0.55	10.57	114	29.41	145	90	62	0	0	1	1	1
	FRESNO	79	53	85	49	66	-5	0.00	-0.04	0.00	3.09	102	8.06	118	77	15	0	0	0	0	0
	LOS ANGELES	72	57	75	55	64	1	0.00	-0.02	0.00	2.61	96	8.72	113	88	55	0	0	0	0	0
	REDDING	76	49	89	43	63	-6	0.71	0.45	0.71	8.40	113	27.10	150	82	28	0	0	1	1	1
	SACRAMENTO	77	53	88	48	65	-2	0.08	0.05	--	6.39	164	15.79	149	80	31	0	0	--	--	--
	SAN DIEGO	70	62	74	58	66	1	0.02	-0.01	0.02	1.48	55	3.89	64	77	64	0	0	1	0	0
	SAN FRANCISCO	70	52	82	48	61	2	0.03	0.03	0.03	5.46	121	18.40	151	88	47	0	0	1	0	0
CO	DENVER	67	44	83	39	56	-3	0.79	0.24	0.54	2.13	43	2.42	40	93	47	0	0	4	1	1
	GRAND JUNCTION	72	48	83	43	60	-5	0.64	0.40	0.52	2.11	73	3.84	96	71	28	0	0	3	1	1
	PUEBLO	80	51	94	42	66	2	1.18	0.88	1.18	2.84	106	3.17	95	69	30	2	0	1	1	1
CT	BRIDGEPORT	80	57	97	50	68	7	0.00	-0.88	0.00	14.48	135	22.91	134	80	39	1	0	0	0	0
	HARTFORD	83	56	97	46	69	7	0.38	-0.56	0.34	10.37	96	20.26	115	74	31	2	0	2	0	0
DC	WASHINGTON	86	64	96	54	75	7	0.53	-0.32	0.53	10.69	121	17.70	123	86	42	3	0	1	1	1
FL	PANAMA CITY	89	71	94	67	80	6	1.46	0.55	1.41	13.01	107	19.21	85	95	51	4	0	2	1	1
	DAYTONA BEACH	86	69	89	66	77	2	0.00	-0.89	0.00	14.37	185	21.26	155	98	63	0	0	0	0	0
	JACKSONVILLE	90	70	94	67	80	4	0.04	-0.84	0.04	9.78	111	11.98	75	92	51	4	0	1	0	0
	KEY WEST	84	76	87	74	80	-1	2.17	1.28	1.10	7.20	117	8.32	83	90	74	0	0	4	2	2
	MIAMI	87	76	89	74	81	2	5.51	3.89	4.36	11.35	112	14.48	101	90	63	0	0	5	2	2
	ORLANDO	90	72	94	68	81	3	1.40	0.44	0.70	11.77	154	18.68	143	95	59	5	0	2	2	2
	TALLAHASSEE	94	69	98	63	81	6	0.11	-1.06	0.11	12.32	91	18.82	78	92	41	6	0	1	0	0
	TAMPA	87	72	92	70	80	1	0.81	-0.02	0.56	8.82	137	15.05	129	93	60	2	0	4	1	1
	WEST PALM BEACH	85	74	91	72	80	1	2.53	0.85	1.81	9.00	81	11.03	66	93	68	1	0	6	2	2
GA	ATLANTA	92	69	95	67	81	10	1.15	0.20	0.64	10.87	81	22.91	99	79	41	6	0	2	2	2
	AUGUSTA	93	66	97	63	80	7	1.08	0.20	1.08	7.77	71	13.00	67	90	38	6	0	1	1	1
	MACON	94	66	96	65	80	7	1.01	0.19	0.92	10.39	94	16.15	79	95	42	7	0	2	1	1
	SAVANNAH	92	70	97	67	81	6	0.09	-0.91	0.09	8.65	86	12.02	71	93	46	6	0	1	0	0
HI	HILO	85	70	87	66	77	3	0.63	-1.30	0.28	24.59	86	50.69	87	90	59	0	0	4	0	0
	HONOLULU	89	75	91	73	82	4	0.13	-0.10	0.09	3.18	68	7.67	73	79	54	2	0	2	0	0
	KAHULUI	90	71	92	68	81	5	0.00	-0.13	0.00	7.29	141	12.80	104	79	53	4	0	0	0	0
	LIHUE	84	75	85	73	79	3	0.07	-0.59	0.07	6.13	60	15.46	79	87	69	0	0	1	0	0
ID	BOISE	64	42	73	35	53	-6	0.11	-0.12	0.09	5.34	156	7.28	122	89	38	0	0	2	0	0
	LEWISTON	65	45	75	42	55	-5	0.31	0.01	0.31	7.15	219	10.43	190	88	43	0	0	1	0	0
	POCATELLO	62	38	69	30	50	-6	0.48	0.18	0.25	4.15	117	5.98	108	90	40	0	1	4	0	0
IL	CHICAGO	72	53	90	45	63	1	2.02	1.28	1.05	8.67	96	10.87	91	92	53	1	0	4	2	2
	MOLINE	71	55	89	50	63	-1	1.79	0.83	0.63	8.86	85	12.28	93	94	60	0	0	5	2	2
	PEORIA	74	56	90	50	65	1	1.87	1.04	1.13	10.04	104	12.29	97	91	46	1	0	4	1	1
	QUINCY	77	58	89	53	68	2	0.24	-0.61	0.15	4.94	46	7.70	56	89	53	0	0	3	0	0
	ROCKFORD	70	53	88	47	61	0	3.80	2.76	2.14	10.07	111	11.98	103	98	55	0	0	5	2	2
	SPRINGFIELD	63	58	94	53	71	5	0.97	0.17	0.41	14.07	143	16.59	125	95	50	2	0	4	0	0
IN	EVANSVILLE	85	62	91	54	74	5	0.32	-0.71	0.32	23.80	185	28.75	148	86	46	1	0	1	0	0
	FORT WAYNE	76	56	90	46	66	3	1.01	0.24	0.79	10.08	111	13.85	107	86	44	1	0	2	1	1
	INDIANAPOLIS	78	60	87	53	69	4	1.28	0.38	0.86	16.43	153	21.45	137	88	52	0	0	4	1	1
	SOUTH BEND	74	55	91	47	65	3	1.05	0.32	0.74	11.57	121	15.31	111	88	47	1	0	3	1	1
IA	DES MOINES	70	56	85	49	63	-1	1.58	0.62	0.87	10.76	117	12.17	109	88	56	0	0	4	2	2
	SIoux CITY	69	54	81	47	62	-2	2.51	1.63	1.56	6.33	87	7.39	86	92	58	0	0	5	1	1
	WATERLOO	70	53	89	46	62	-1	1.62	0.67	0.67	6.43	72	8.65	80	92	62	0	0	6	1	1
KS	CONCORDIA	81	61	87	58	71	6	1.04	-0.01	0.46	5.34	67	5.89	63	90	47	0	0	6	0	0
	DODGE CITY	87	59	99	48	73	6	1.82	1.10	1.42	4.41	73	4.88	67	79	32	3	0	2	1	1
	GOODLAND	73	51	86	47	62	1	2.68	1.83	2.51	4.37	83	4.63	76	82	50	0	0	3	1	1
	TOPEKA	82	61	90	53	72	5	0.27	-0.82	0.26	5.91	85	6.84	61	89	46	1	0	2	0	0
	WICHITA	88	65	100	56	78	8	0.98	-0.10	0.94	5.47	61	5.63	51	82	41	2	0	2	1	1
KY	BOWLING GREEN	86	63	91	53	75	7	0.00	-1.12	0.00	14.15	105	23.11	107	98	53	2	0	0	0	0
	LEXINGTON	83	61	90	54	72	6	0.11	-0.89	0.11	15.18	127	21.57	119	87	54	1	0	1	0	0
	LOUISVILLE	85	65	91	58	75	8	0.00	-1.02	0.00	14.78	117	20.93	110	79	44	2	0	0	0	0
LA	BATON ROUGE	90	68	92	65	79	2	0.00	-1.06	0.00	14.24	100	22.94	93	100	47	4	0	0	0	0
	LAKE CHARLES	89	68	91	67	78	2	0.00	-1.35	0.00	3.54	31	7.65	39	99	61	3	0	0	0	

Weather Data for the Week Ending May 25, 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	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP.	
																		01 INCH OR MORE	05 INCH OR MORE	01 INCH OR MORE	05 INCH OR MORE
ME CARIBOU	57	45	72	34	51	-2	1.38	0.67	0.92	8.44	114	15.15	128	93	57	0	0	4	1		
ME PORTLAND	71	48	84	38	60	4	0.22	-0.58	0.19	12.86	120	20.81	118	90	46	0	0	2	0		
MD BALTIMORE	86	58	94	48	72	6	0.55	-0.30	0.55	11.72	124	20.90	132	88	40	3	0	1	1		
MD SALISBURY	86	61	93	44	73	7	0.34	-0.49	0.34	12.00	117	20.22	118	93	42	3	0	1	0		
MA BOSTON	77	57	91	50	67	6	0.09	-0.63	0.09	9.02	91	19.64	114	76	39	2	0	1	0		
MA CHATHAM	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
MI ALPENA	69	45	88	33	57	3	0.53	-0.11	0.48	4.40	67	7.33	77	89	40	0	0	3	0		
MI DETROIT	78	55	90	42	68	5	0.45	-0.23	0.31	7.73	99	11.35	100	84	36	1	0	2	0		
MI FLINT	74	53	89	36	63	4	0.30	-0.31	0.10	6.75	93	10.06	101	87	44	0	0	4	0		
MI GRAND RAPIDS	73	53	88	41	63	3	2.51	1.80	2.41	7.16	84	9.13	77	89	45	0	0	2	1		
MI HOUGHTON LAKE	69	46	80	36	58	1	0.26	-0.35	0.11	5.31	84	8.54	95	90	42	0	0	4	0		
MI LANSING	74	52	88	38	63	3	2.11	1.44	1.96	7.93	106	9.51	93	91	43	0	0	3	1		
MI MARQUETTE	64	42	71	31	53	0	1.20	0.49	1.20	10.29	131	18.44	158	91	39	0	1	1	1		
MI MUSKEGON	69	48	81	41	59	0	1.63	1.06	1.48	6.96	92	9.99	87	89	52	0	0	3	1		
MI SAULT ST. MARIE	66	39	75	30	53	0	0.20	-0.44	0.19	6.39	93	12.66	114	92	37	0	1	2	0		
MN ALEXANDRIA	66	50	74	46	58	-1	0.00	-0.71	0.00	3.91	66	6.23	83	81	39	0	0	0	0		
MN DULUTH	63	46	75	39	54	0	0.58	-0.15	0.55	3.59	54	6.05	70	86	40	0	0	2	1		
MN INT'L FALLS	65	43	73	39	54	-1	0.50	-0.13	0.40	4.04	88	7.28	119	83	35	0	0	4	0		
MN MINNEAPOLIS	68	53	78	49	61	0	0.77	-0.04	0.72	4.52	84	6.63	74	75	36	0	0	2	1		
MN ROCHESTER	66	50	77	43	58	-1	0.57	-0.23	0.31	5.87	80	8.07	91	87	54	0	0	5	0		
MS GREENWOOD	93	71	97	69	82	8	--	--	--	--	--	--	--	88	43	7	0	--	--		
MS JACKSON	92	67	95	64	80	6	0.00	-1.17	0.00	15.14	95	26.00	98	92	42	6	0	0	0		
MS MERIDIAN	93	65	95	62	79	6	0.00	-0.94	0.00	12.63	80	21.94	83	99	45	7	0	0	0		
MO CAPE GIRARDEAU	80	68	97	59	79	10	0.00	-1.16	0.00	13.04	95	17.58	87	84	40	5	0	0	0		
MO COLUMBIA	86	61	91	54	73	8	0.53	-0.57	0.35	13.48	128	16.30	116	86	48	1	0	3	0		
MO KANSAS CITY	80	61	87	54	70	4	0.28	-0.93	0.24	7.77	80	9.11	76	90	60	0	0	2	0		
MO SAINT LOUIS	88	64	94	58	76	8	0.72	-0.19	0.45	14.02	136	17.81	124	83	39	3	0	3	0		
MO SPRINGFIELD	82	64	87	57	73	7	0.33	-0.81	0.31	10.53	90	13.66	88	90	51	0	0	2	0		
MT BILLINGS	59	43	89	39	51	-6	2.21	1.61	0.85	5.14	102	6.54	98	78	56	0	0	5	2		
MT GLASGOW	81	43	88	40	62	-5	0.50	0.05	--	1.87	73	2.44	79	89	48	0	0	--	--		
MT GREAT FALLS	59	38	65	31	48	-7	0.92	0.31	0.44	3.42	75	4.02	66	88	46	0	1	3	0		
MT HAVRE	62	43	70	38	53	-4	0.42	0.01	0.19	2.76	94	3.70	96	86	44	0	0	4	0		
MT HELENA	59	40	65	30	50	-5	0.82	0.38	0.40	3.47	110	4.02	95	83	44	0	1	3	0		
MT KALISPELL	80	38	89	28	49	-4	1.21	0.75	0.58	7.78	218	12.31	198	89	41	0	1	4	1		
MT MILES CITY	61	45	70	42	53	-6	2.08	1.52	1.11	5.89	155	7.39	153	87	48	0	0	3	2		
MT MISSOULA	56	37	70	33	48	-5	0.13	-0.31	0.07	4.43	131	7.31	134	90	44	0	0	3	0		
NE GRAND ISLAND	71	55	83	47	63	-1	1.37	0.46	0.71	7.09	95	8.17	93	89	58	0	0	3	2		
NE LINCOLN	74	56	88	49	65	0	1.82	0.70	1.36	11.14	139	12.22	131	93	58	0	0	3	1		
NE NORFOLK	69	54	78	47	61	-2	1.52	0.62	0.89	4.41	82	5.37	64	95	58	0	0	4	1		
NE NORTH PLATTE	66	49	78	40	59	-1	1.27	0.45	0.91	2.97	49	3.48	51	90	60	0	0	5	1		
NE OMAHA	73	57	89	50	66	0	1.58	0.51	--	--	--	12.55	129	84	51	0	0	--	--		
NE SCOTTSBLUFF	63	48	73	40	55	-3	1.66	1.00	0.73	3.91	79	4.73	80	93	56	0	0	4	1		
NE VALENTINE	65	49	76	39	57	-5	1.24	0.43	0.47	3.83	61	4.51	62	95	80	0	0	6	0		
NV ELY	59	30	71	27	45	-8	0.18	-0.09	0.18	2.05	71	3.50	81	72	23	0	6	1	0		
NV LAS VEGAS	82	61	92	50	72	-5	0.02	-0.04	0.02	0.14	18	0.41	23	40	12	1	0	1	0		
NV RENO	63	40	70	31	51	-7	0.02	-0.15	0.02	3.18	194	6.28	167	69	31	0	1	1	0		
NV WINNEMUCCA	62	34	72	28	48	-10	0.06	-0.13	0.03	2.02	67	4.78	129	91	31	0	2	2	0		
NH CONCORD	77	49	91	36	63	5	0.09	-0.63	0.08	11.53	141	18.97	142	89	26	1	0	2	0		
NJ ATLANTIC CITY	84	58	96	48	71	8	0.95	0.23	0.95	13.15	133	18.56	112	86	35	3	0	1	1		
NM ALBUQUERQUE	87	61	94	57	74	8	0.00	-0.11	0.00	0.04	3	0.39	17	20	7	3	0	0	0		
NM CLOVIS	93	61	100	56	77	10	0.51	0.02	0.51	0.84	22	1.00	26	82	13	4	0	1	1		
NM ROSWELL	98	68	104	64	83	11	--	--	--	--	--	--	--	31	8	7	0	--	--		
NY ALBANY	76	52	90	41	64	4	0.08	-0.72	0.07	12.67	146	16.63	124	91	42	1	0	2	0		
NY BINGHAMTON	72	51	89	35	62	4	0.59	-0.18	0.39	12.15	140	16.25	121	89	46	0	0	3	0		
NY BUFFALO	69	51	78	40	60	1	1.47	0.74	0.98	12.04	149	16.71	127	94	49	0	0	4	1		
NY NEW YORK	84	62	97	53	73	9	0.00	-0.85	0.00	10.92	104	17.14	104	78	37	3	0	0	0		
NY ROCHESTER	72	52	89	38	62	3	1.30	0.67	0.89	10.46	147	15.26	134	91	41	0	0	4	1		
NY SYRACUSE	74	49	91	37	62	2	0.63	-0.12	0.37	9.92	113	14.30	107	90	40	1	0	2	0		
NC ASHEVILLE	87	59	93	54	73	8	0.39	-0.78	0.24	6.81	50	16.73	76	90	41	1	0	2	0		
NC CHARLOTTE	89	66	94	63	78	9	0.16	-0.75	0.11	9.86	97	16.47	92	85	40	4	0	2	0		
NC GREENSBORO	85	62	92	58	74	6	0.18	-0.76	0.12	10.87	111	17.11	105	90	49	2	0	2	0		
NC HATTERAS	78	65	81	60	72	3	0.26	-0.66	0.26	10.85	98	--	--	92	71	0	0	1	0		
NC NEW BERN	91	68	99	57	80	8	0.00	-1.11	0.00	8.94	83	14.92	77	92	44	4	0	0	0		
NC RALEIGH	87	62	94	57	74	6	0.06	-0.88	0.03	9.19	97	15.98	95	92	53	3					

Weather Data for the Week Ending May 25, 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
TOLEDO	78	57	92	43	67	8	0.38	-0.30	0.36	9.92	125	12.75	111	81	38	1	0	2	0
OK YOUNGSTOWN	76	53	87	40	66	5	0.33	-0.49	0.33	11.96	132	16.66	125	84	40	0	0	1	0
OKLAHOMA CITY	90	71	94	66	80	10	0.00	-1.24	0.00	4.84	48	4.74	38	75	42	4	0	0	0
TULSA	88	71	92	65	78	8	0.00	-1.30	0.00	4.38	37	5.02	33	77	43	3	0	0	0
OR ASTORIA	59	46	66	42	53	-1	0.92	0.29	0.33	19.11	136	42.73	134	97	63	0	0	5	0
BURNS	59	36	71	29	47	-5	0.41	0.19	0.32	4.41	183	7.18	171	90	43	0	1	2	0
MEDFORD	68	43	82	37	56	-4	0.80	0.58	0.80	5.71	150	14.10	166	92	39	0	0	1	1
PENDLETON	65	43	76	40	54	-5	0.47	0.25	0.47	4.80	157	8.27	144	90	45	0	0	1	0
PORTLAND	66	49	79	46	57	-1	0.97	0.52	0.58	13.24	175	29.69	176	92	52	0	0	3	1
SALEM	64	45	78	40	55	-1	1.02	0.61	0.53	10.88	136	32.14	173	95	56	0	0	3	1
PA ALLENTOWN	82	53	92	45	67	5	0.28	-0.70	0.24	11.63	114	19.96	121	82	37	1	0	2	0
ERIE	74	56	90	44	65	6	0.07	-0.74	0.03	10.92	121	16.23	119	88	45	1	0	3	0
HARRISBURG	86	60	97	51	73	9	0.27	-0.72	-	10.49	106	17.92	114	83	32	3	0	-	-
PHILADELPHIA	84	60	94	54	72	8	0.00	-0.99	0.00	12.04	111	17.07	97	85	40	3	0	0	0
PITTSBURGH	80	59	90	50	69	8	0.17	-0.66	0.15	11.28	119	17.54	121	79	38	1	0	2	0
SCRANTON	78	52	91	38	65	4	1.21	0.36	0.68	11.62	137	19.41	152	89	39	2	0	2	2
RI PROVIDENCE	80	57	93	47	68	9	0.19	-0.64	0.19	10.57	94	17.70	94	79	34	2	0	1	1
SC CHARLESTON	92	71	96	70	81	7	0.54	-0.48	0.54	7.26	72	9.67	57	93	47	5	0	1	1
COLUMBIA	94	69	98	66	81	9	0.16	-0.72	0.16	9.33	85	13.43	68	85	36	5	0	1	0
FLORENCE	92	68	97	64	80	7	0.00	-0.85	0.00	4.50	47	8.79	53	97	39	5	0	0	0
GREENVILLE	90	64	94	62	77	7	3.79	2.75	2.65	15.00	118	24.30	113	89	41	4	0	2	2
SD ABERDEEN	68	49	76	47	59	-1	0.86	0.17	0.51	5.37	102	7.46	115	87	37	0	0	4	1
HURON	67	50	76	44	59	-2	1.32	0.63	0.93	4.13	68	5.48	76	94	52	0	0	5	1
RAPID CITY	60	43	73	37	52	-6	2.56	1.90	1.70	6.44	126	7.32	122	92	57	0	0	4	2
SIoux FALLS	67	51	75	46	59	-2	0.89	0.18	0.39	4.41	67	5.57	71	92	49	0	0	3	0
TN CHATTANOOGA	88	63	91	58	76	7	0.40	-0.57	0.31	14.86	107	24.49	103	91	47	3	0	2	0
KNOXVILLE	87	65	90	58	76	9	0.16	-0.78	0.16	12.30	102	22.48	110	86	48	1	0	1	0
MEMPHIS	90	70	93	66	80	7	0.00	-1.07	0.00	11.88	79	20.10	87	83	44	3	0	0	0
NASHVILLE	89	66	93	56	77	8	0.06	-1.03	0.06	11.89	90	18.30	88	84	46	2	0	1	0
TX ABILENE	96	71	100	64	83	9	0.00	-0.71	0.00	4.33	76	5.08	64	79	31	6	0	0	0
AMARILLO	90	62	101	56	78	9	0.31	-0.34	0.31	0.55	14	0.86	17	68	24	4	0	1	0
AUSTIN	96	72	97	70	84	7	0.00	-1.13	0.00	2.50	30	3.16	26	91	36	7	0	0	0
BEAUMONT	88	71	89	68	80	3	0.00	-1.36	0.00	3.39	30	7.06	36	96	70	0	0	0	0
BROWNSVILLE	91	76	92	75	84	3	0.00	-0.71	0.00	0.58	13	0.79	11	91	51	7	0	0	0
CORPUS CHRISTI	89	75	90	72	82	3	0.00	-0.81	0.00	2.76	51	2.85	31	93	53	3	0	0	0
DEL RIO	97	75	100	74	86	9	0.00	-0.74	0.00	0.67	11	1.07	12	71	32	7	0	0	0
EL PASO	94	72	98	67	83	10	0.00	-0.06	0.00	0.47	66	0.78	50	26	9	6	0	0	0
FORT WORTH	95	73	96	71	84	11	0.00	-1.20	0.00	5.34	48	6.61	43	79	38	7	0	0	0
GALVESTON	87	78	88	76	82	5	0.00	-0.87	0.00	0.99	13	1.76	13	82	63	0	0	0	0
HOUSTON	93	73	96	71	83	7	0.00	-1.30	0.00	2.73	25	4.90	27	92	47	7	0	0	0
LUBBOCK	94	67	105	80	81	9	0.47	-0.12	0.47	0.85	23	1.13	24	70	21	4	0	1	0
MIDLAND	98	72	104	67	85	10	0.00	-0.52	0.00	1.36	44	1.43	35	86	20	6	0	0	0
SAN ANGELO	97	72	102	70	84	9	0.00	-0.72	0.00	3.85	76	4.15	60	74	28	5	0	0	0
SAN ANTONIO	97	73	100	72	85	8	0.00	-1.00	0.00	1.69	23	2.38	22	83	33	7	0	0	0
VICTORIA	92	71	94	68	82	5	0.00	-1.09	0.00	1.17	14	1.49	10	93	44	7	0	0	0
WACO	96	73	98	71	84	8	0.00	-1.05	0.00	4.03	43	5.03	38	84	34	7	0	0	0
WICHITA FALLS	97	73	101	67	85	12	0.00	-1.02	0.00	2.21	25	2.31	19	75	25	7	0	0	0
UT CEDAR CITY	69	39	80	33	54	-5	0.84	0.67	0.52	3.12	100	4.75	100	67	23	0	0	3	1
SALT LAKE CITY	66	45	73	37	55	-6	0.21	-0.16	0.09	5.70	103	10.33	130	80	34	0	0	4	0
VT BURLINGTON	72	53	82	39	63	4	0.46	-0.27	0.22	12.44	166	19.97	154	86	40	0	0	3	0
VA NORFOLK	86	67	98	59	78	8	0.19	-0.69	0.10	11.26	115	16.77	115	86	47	3	0	2	0
RICHMOND	86	64	95	54	75	7	0.59	-0.29	0.59	8.68	90	14.08	87	80	17	3	0	1	1
ROANOKE	84	62	93	52	73	7	0.60	-0.30	0.38	8.94	90	17.94	114	83	44	2	0	3	0
WA QUILLAYUTE	59	45	64	43	52	0	0.71	-0.40	0.37	21.82	94	47.63	94	94	59	0	0	5	0
SEATTLE-TACOMA	62	47	73	45	55	-2	0.37	0.01	0.27	9.51	132	25.19	151	92	52	0	0	4	0
SPOKANE	62	40	74	37	51	-5	0.74	0.41	0.41	5.71	150	10.71	146	94	46	0	0	2	0
YAKIMA	69	39	82	33	54	-5	0.08	-0.03	0.08	1.93	123	5.05	142	89	37	0	0	1	0
WV BECKLEY	81	58	89	48	69	8	1.52	0.61	1.25	13.03	130	21.40	134	91	41	0	0	3	1
CHARLESTON	82	59	91	50	70	5	0.94	0.04	0.60	13.85	136	21.73	134	97	51	1	0	2	1
HUNTINGTON	85	61	95	51	73	9	0.41	-0.53	0.37	14.99	142	22.76	136	92	51	3	0	2	0
PARKERSBURG	80	58	88	51	69	4	0.11	-0.74	0.06	12.02	116	20.20	122	93	49	0	0	2	0
WI GREEN BAY	70	51	84	45	61	3	0.47	-0.20	0.36	6.42	96	8.96	100	80	44	0	0	4	0
LACROSSE	71	55	85	49	63	1	0.37	-0.39	-	5.24	71	8.68	94	83	43	0	0	-	-
MADISON	69	51	84	44	60	-1	0.80	0.06	0.45	6.35	80	9.40	92	90	49	0	0	3	0
MILWAUKEE	71	53	89	43	62	5	0.88	0.25	0.75	6.22	73	8.22	71	82	47	0	0	2	1
WAUSAU	69	49	77	40	59	1	0.54	-0.31	0.48	5.87	77	8.51	89	80	36	0	0	2	0
WY CASPER	59	38	69	30	49	-6	0.73	0.25	0.35	2.21	52	3.41	63	86	51	0	2	3	0
CHEYENNE	58	42	71	39	50	-4	1.69	1.12	0.70	4.84	111	5.43	105	92	58	0	0	5	1
LANDER	58	38	71	34	48	-7	2.25	1.74	0.82	4.53	87	5.75	92	73	38	0	0	3	3
SHERIDAN	58	38	68	33	48	-7	1.93	1.38	0.98	5.47	118	6.30	104	88	57	0	0	6	2
PR SAN JUAN	88	75	92	74	82	1	0.00	-1.35	0.00	6.90	62	15.11	94	94	66	2	0	0	0

Based on 1961-90 normals

National Agricultural Summary

May 20 - 26, 1996

HIGHLIGHTS

Fair weather across the central section of the Nation allowed producers to make good progress in working and planting fields. By week's end, however, a powerful storm moved across the Nation's midsection, bringing heavy rains and violent weather which again delayed fieldwork. In the South and Southeast, hot, dry conditions delayed planting and stressed emerged crops. However, scattered thunderstorms at the end of the week improved conditions and provided some relief to crops. Rain also fell across parts of

Texas, providing some relief to crops. Pastures remained stressed, and planting on non-irrigated fields remained delayed as hot, dry conditions continued across the Southwest. In the Northwest, rain and wet fields limited fieldwork. Temperatures across the northern half of the Nation averaged below normal, hindering drying conditions, crop development, and emergence. Across the southern half of the Nation, temperatures were above normal, which stressed emerged crops and dried soils.

The Nation's **winter wheat** crop remained mostly fair to poor, with 68 percent (%) of the acreage heading, equal to this time last year but 4 percentage points behind the 5-year average. Heading progress increased rapidly in Indiana, Illinois, Missouri, and Kansas. The condition of the wheat crop in Illinois, Kansas, Oklahoma, and Texas remained mostly poor. Hail damaged some wheat fields in Oregon. In Texas, irrigated fields were stressed by the extreme heat.

Spring wheat seeding was 68% complete, up 22 points from last week but 22 points below the average. Favorable conditions across North Dakota allowed producers to plant a third of their acreage, but planting lagged about 2 weeks behind the average. Minnesota planting was 45% complete, 26 points behind last year and 47 points behind the average. Spring wheat emerged, at 41%, was 3 points more than last year but 31 points behind the average.

Corn planting was 78% complete for the 17 major producing States, up 17 points from last week but 7 points behind the average. Favorable conditions during the first half of the week allowed good progress to be made in Indiana, Ohio, Kentucky, Wisconsin, and Illinois. However, rainy conditions by the middle of the week again delayed planting. Dry conditions caused leaf curl in some fields in northern and central sections of Texas. In Michigan, some producers began to consider planting shorter maturity varieties. Some drowned out corn fields need to be replanted in Iowa and Indiana and were replanted in Illinois. Emerged corn in Iowa benefited from the warm weather at the beginning of the week.

Cotton planting was 77% complete, up 11 points from last week and 1 point ahead of the average for the Nation. Cotton planting in Missouri at 95% complete was up 39 points from last week, and 8 points ahead of normal. Producers in Texas were waiting for moisture to plant some dryland fields. In California, some fields with poor stands were plowed up and replanted.

Sorghum planting was 49% complete for the 12 major producing States, up 17 points from last week and 4 points ahead of the average. Favorable conditions early in the week allowed producers in Nebraska, Missouri, and Kansas to plant between 24 and 31% of their acreage. Lack of moisture in New Mexico and Texas again limited dryland sorghum planting.

Rice seeding was 93% complete, up 9 points from last week and 7 points ahead of average for the five major producing States. California producers planted 25% of their acreage last week. Rice emerged, at 79%, was 2 points ahead of last year and 8 points ahead of the average. Water weevils caused problems in some rice fields in Louisiana. In Texas, hot, windy conditions made it difficult for producers to keep water on their fields.

Soybean planting was 35% complete for the 19 major producing States, up 20 points from last week but 14 points behind average. Producers in Illinois, Iowa, Kansas, Minnesota, and Nebraska planted at least 20% of their acreage last week. However, progress in Ohio at 14% was 58 points behind the average and Indiana at 16% was 46 points behind the average.

Crop Progress and Condition

Week Ending May 26, 1996

Winter Wheat Percent Headed

	May 26 1996	Prev Week	Prev Year	5-Yr Avg
AR	100	100	100	99
CA	99	99	99	99
CO	30	7	38	50
GA	100	99	100	100
ID	1	0	6	6
IL	59	16	87	79
IN	50	22	64	62
KS	90	60	85	91
MI	0	0	0	4
MO	75	43	82	82
MT	0	0	0	1
NE	15	1	10	43
NC	99	96	97	97
OH	19	9	28	36
OK	100	100	100	99
OR	42	21	12	42
SD	0	0	0	11
TX	97	90	93	92
WA	20	2	29	30
ALL	68	52	68	72

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

Soybeans Percent Planted

	May 26 1996	Prev Week	Prev Year	5-Yr Avg
AL	46	35	47	38
AR	44	30	27	26
GA	33	23	33	32
IL	27	5	7	55
IN	16	4	26	62
IA	57	20	36	55
KS	43	12	3	29
KY	14	3	11	24
LA	73	61	55	44
MI	16	5	41	53
MN	35	15	55	61
MS	84	76	62	38
MO	26	9	4	30
NE	43	14	14	53
NC	37	19	36	38
OH	14	0	40	72
SC	22	19	20	24
SD	29	14	14	45
TN	27	12	22	19
ALL	35	15	27	49

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

Corn Percent Planted

	May 26 1996	Prev Week	Prev Year	5-Yr Avg
CO	97	94	68	87
GA	99	98	100	100
IL	77	56	48	83
IN	45	14	57	85
IA	95	86	75	83
KS	99	96	60	87
KY	78	50	79	86
MI	43	23	73	84
MN	79	64	82	85
MO	90	84	31	71
NE	95	83	70	90
NC	99	99	98	99
OH	39	10	73	91
PA	59	36	74	73
SD	67	49	36	74
TX	98	96	99	99
WI	65	38	76	80
ALL	78	61	67	85

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

Rice Percent Planted

	May 26 1996	Prev Week	Prev Year	5-Yr Avg
AR	96	89	93	86
CA	70	45	61	75
LA	99	92	97	93
MS	100	98	100	80
TX	99	93	94	95
ALL	93	84	90	86

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

Spring Wheat Percent Planted

	May 26 1996	Prev Week	Prev Year	5-Yr Avg
ID	94	90	95	96
MN	45	35	71	92
MT	88	76	88	94
ND	60	27	47	87
SD	87	83	79	95
ALL	68	46	64	90

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

Cotton Percent Planted

	May 26 1996	Prev Week	Prev Year	5-Yr Avg
AL	93	85	96	87
AZ	99	97	98	99
AR	98	84	88	87
CA	99	97	98	99
GA	86	79	89	84
LA	100	99	97	91
MS	99	98	97	83
MO	95	56	77	87
NM	87	85	86	91
NC	97	86	96	94
OK	30	21	53	47
SC	95	90	83	91
TN	95	80	93	81
TX	50	36	55	57
ALL	77	66	77	76

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

Rice Percent Emerged

	May 26 1996	Prev Week	Prev Year	5-Yr Avg
AR	83	72	86	72
CA	30	10	17	37
LA	93	81	95	88
MS	99	84	95	71
TX	88	84	78	82
ALL	79	67	77	71

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

Spring Wheat Percent Emerged

	May 26 1996	Prev Week	Prev Year	5-Yr Avg
ID	85	75	84	84
MN	30	14	42	78
MT	59	29	62	72
ND	27	8	19	68
SD	74	53	56	87
ALL	41	20	38	72

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

Crop Progress and Condition

Week Ending May 26, 1996

Oats Percent Planted				
	May 26 1996	Prev Week	Prev Year	5-Yr Avg
IA	100	100	94	97
MI	85	*70	96	97
MN	92	85	86	96
NE	100	100	100	100
ND	56	22	41	85
OH	79	65	99	100
PA	89	69	94	95
SD	89	84	78	94
WI	77	60	97	97
ALL	84	71	82	94

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

Oats Percent Emerged				
	May 26 1996	Prev Week	Prev Year	5-Yr Avg
IA	96	91	89	93
MI	50	*26	74	77
MN	78	52	73	86
NE	100	100	NA	NA
ND	21	5	11	65
OH	64	50	95	95
PA	69	62	NA	NA
SD	66	57	52	84
WI	57	32	NA	NA
ALL	66	51	60	83

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

Peanuts Percent Planted				
	May 26 1996	Prev Week	Prev Year	5-Yr Avg
AL	93	83	96	86
FL	90	82	NA	NA
GA	93	86	96	89
NC	90	47	90	91
OK	58	30	37	39
SC	95	91	76	88
TX	45	31	26	21
VA	86	70	99	96
ALL	81	67	78	73

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

Barley Percent Planted				
	May 26 1996	Prev Week	Prev Year	5-Yr Avg
ID	89	84	91	95
MN	34	30	64	90
MT	91	77	80	90
ND	66	22	44	87
SD	87	78	74	94
WA	92	89	98	99
ALL	74	50	65	90

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

Barley Percent Emerged				
	May 26 1996	Prev Week	Prev Year	5-Yr Avg
ID	78	63	72	81
MN	22	12	36	76
MT	57	31	55	68
ND	24	5	15	69
SD	61	35	40	82
WA	76	62	90	93
ALL	43	24	40	73

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

Sorghum Percent Planted				
	May 26 1996	Prev Week	Prev Year	5-Yr Avg
AR	94	84	84	78
CO	40	35	4	18
IL	5	0	3	32
KS	40	16	3	23
LA	97	93	88	81
MS	94	89	91	73
MO	49	19	18	41
NE	38	7	7	43
NM	10	5	32	28
OK	40	37	12	30
SD	8	6	1	24
TX	71	65	78	77
ALL	49	32	30	45

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

Winter Wheat Crop Condition by Percent					
	VP	P	F	G	EX
AR	1	6	19	56	18
CA	0	0	5	65	30
CO	15	17	32	27	9
GA	1	5	31	56	7
ID	0	2	12	46	40
IL	23	30	32	15	0
IN	7	20	40	28	5
KS	33	32	24	11	0
MI	14	24	32	25	5
MO	19	24	32	23	2
MT	2	10	29	50	9
NE	8	20	47	24	1
NC	0	3	20	76	1
OH	8	20	40	28	4
OK	27	31	28	14	0
OR	0	0	4	38	58
SD	9	19	36	34	2
TX	32	35	27	6	0
WA	0	0	12	59	29
ALL	21	24	26	23	6
Prev Wk	21	25	27	22	5
Prev Yr	5	13	30	42	10

Rice Crop Condition by Percent					
	VP	P	F	G	EX
AR	0	3	19	59	19
CA	0	0	25	70	5
LA	0	5	46	45	4
MS	0	5	21	67	7
TX	0	5	28	58	9
ALL	0	3	26	59	12
Prev Wk	0	3	25	58	14
Prev Yr	0	3	25	55	17

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

*Revised

State Agricultural Summaries

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

ALABAMA: Days suitable for fieldwork 6.9. Topsoil moisture 40% very short, 54% short, 6% adequate. Spring plowing 97% complete, 96% 1995, 94% avg. Corn 7% silked, 7% 1995, 6% avg. Corn 11% very poor, 21% poor, 56% fair, 12% good. Wheat 14% harvested, 18% 1995, 10% avg. Wheat 2% very poor, 5% poor, 47% fair, 36% good, 10% excellent. Pasture 8% very poor, 31% poor, 40% fair, 21% good. Livestock 1% very poor, 11% poor, 48% fair, 36% good, 4% excellent. Activities: Rain over the weekend should improve conditions in many areas.

ALASKA: Days suitable for fieldwork 6. Topsoil moisture 70% short, 30% adequate. Subsoil moisture 35% short, 65% adequate. Progress of farmwork mostly on schedule. Barley, oat seeding nearing completion by week's end. Commercial potato planting 50% complete, compared with 70% a year ago. Vegetable seeding, transplanting continues. Prospects for new growth on pastures and hay fields was 45% poor, 30% fair, 25% good.

ARIZONA: Weather continues dry. Cotton squaring 30%, 13% 1995, 16% avg. Small grains 89% mature, 2% fair, 54% good, 44% excellent. Karnal bunt testing completed on 51.852% of fields; 5.254% testing positive. Alfalfa harvest 38% moderate, 44% active, 18% not being harvested, 4% poor, 5% fair, 52% good, 39% excellent. Quality leveling off, summer weeds increasing. Cantaloupe, honeydew, watermelon, specialty melons, potatoes shipped by western growers. Central area vegetable growers harvested watermelons, cantaloupe, dry onions, potatoes, carrots, cabbage, specialty melons, sweet corn, green onions, mixed greens, parsley, kale. Eastern growers shipped iceberg lettuce, dry onions tomatoes. Grapefruit, Valencia orange harvest continued in central, western citrus groves. Table grape harvest progressed in western parts of State.

ARKANSAS: Days suitable for fieldwork 6. Soil moisture 41% short, 55% adequate, 4% surplus. Main farm activities: Planting cotton, rice, sorghum, soybeans, cultivating, fertilizing cotton, flushing rice fields, preparing combines for wheat harvest, fertilizing cool season grasses. Cotton, rice, sorghum planting nearing completion. Soybean planting continued. Clay County reported some replanting of cotton. Cultivating, fertilizing cotton was reported by numerous counties. Cotton was also being treated for thrip in several counties. Lafayette, Jackson Counties reported some sorghum fields were replanted due to insect damage. Bollworms were found in corn fields in Phillips County. Lodging increased in wheat due to heavy storms in Faulkner County. Tomatoes were treated for worms, blight control in Drew County. Strawberry harvest was completed in White County. Livestock good statewide.

CALIFORNIA: Midweek rainfall again slowed field activities over the northern half of the State. Elsewhere, fieldwork progressed normally. Lodging, attributed to high winds, remained a problem in small grain fields in the Sacramento Valley. The harvesting of wheat, barley for grain, gradually gained momentum in the San Joaquin Valley. Cotton planting was virtually complete. Some replanting was ongoing in the Sacramento Valley due to poor stands caused by early season low soil temperatures. Emerged cotton fields were cultivated, fertilized, irrigated, thinned, weeded, treated for mites. Rice planting was delayed somewhat by the wet conditions. Emerged rice fields were sprayed for shrimp, weevils, water grass. Sugarbeets were harvested in the central and northern San Joaquin Valley. Some new crop sugar beets were replanted due to frost damage in Siskiyou County. Corn, blackeye beans were planted following harvest of winter forage crops. Garbanzo

beans were drying for harvest. Safflower, seed alfalfa were treated for lygus. Alfalfa hay fields were sprayed for weeds, weevils. Small grains, winter forage, sudangrass, alfalfa were cut for hay or greenchopped. Some windrowed hay suffered rain damage in the Sacramento, San Joaquin Valleys. Picking of tree fruit resumed after rain delays. Early variety nectarines, freestone peaches, plums, apricots were picked in Fresno, Tulare Counties. Grapes were treated for mildew, nematodes. The San Joaquin cherry harvest continued, with the extent of crop loss from rain unknown at this time. Strawberries were harvested in the San Joaquin Valley. Walnuts were irrigated, fertilized, sprayed for codling moth, blight. Pomegranates were blooming in Fresno County. Apples were thinned. Table grape harvest continued in the Coachella Valley. Olive bloom was nearly complete in the southern San Joaquin Valley. Navel orange harvest was virtually complete. Valencia orange picking gained momentum. Lemon harvesting continued in the San Joaquin Valley, south coast areas. Harvesting of cauliflower continued in Monterey County. Broccoli was harvested along the coast, San Joaquin Valley. Squash was harvested in Tulare County, treated for aphids in Sutter County. Lettuce continued to be harvested along the coast. Sweet corn progressed well. Carrot harvesting continued in Kern County. Sweet potatoes were planted in Fresno County. Harvesting of melons proceeded in Imperial County. Melons were thinned, treated in the San Joaquin Valley. Potatoes were harvested in Kern County with very little blight damage. Harvesting of garlic, onions started in the San Joaquin Valley. Rangeland conditions varied depending on location, elevation. Rangeland forage was rapidly maturing, drying in some areas, while late rains generated new grass growth in others. Recent showers were not expected to significantly reduce quality of dry rangeland forage. The rainfall was beneficial to still-developing upper elevation forage. Supplemental feeding remained minimal. Cattle were moved to higher elevations in some areas.

COLORADO: Days suitable for fieldwork 4.7. Topsoil moisture 11% very short, 21% short, 58% adequate, 10% surplus. Subsoil moisture 18% very short, 39% short, 42% adequate, 1% surplus. Spring barley 97% emerged, 76% 1995, 80% avg, 1% very poor, 7% poor, 34% fair, 36% good, 22% excellent. Oats 94% emerged, 66% 1995, 72% avg, 6% poor, 29% fair, 49% good, 16% excellent. Dry onions 1% very poor, 1% poor, 20% fair, 59% good, 19% excellent. Spring wheat 93% emerged, 71% 1995, 59% avg, 1% very poor, 10% poor, 27% fair, 38% good, 24% excellent. Sugarbeets 6% thinned, 4% avg, 2% very poor, 2% poor, 42% fair, 46% good, 8% excellent. Winter wheat 97% jointed, 90% 1995, 87% avg. Corn 72% emerged, 24% 1995, 43% avg, 1% very poor, 4% poor, 11% fair, 70% good, 14% excellent. Summer potatoes 100% planted, 89% 1995, 91% avg, 70% emerged, 26% 1995, 57% avg, 1% very poor, 2% poor, 8% fair, 70% good, 19% excellent. Fall potatoes 92% planted, 76% 1995, 70% avg; 24% emerged, 1% 1995, 1% avg. Dry beans 29% planted, 2% 1995, 6% avg. Alfalfa hay 8% 1st cutting, 1% 1995, 3% avg. A few spots in the northeast area of the state were hit by hail, but no major concerns. Much needed rain occurred over the weekend which gave relief to all crops, especially winter wheat.

DELAWARE: Days suitable for fieldwork 5.2. Topsoil moisture 71% adequate, 29% surplus. Subsoil moisture 93% adequate, 7% surplus. Winter Wheat 1% poor, 31% fair, 50% good, 18% excellent; 92% headed, 96% 1995, 83% avg. Barley 2% poor, 30% fair, 55% good, 13% excellent; 17% turned, 7% 1995, 4% avg. Corn 80% planted, 90% 1995, 91% avg. Soybeans 8% planted, 17% 1995, 18% avg. Sweet Corn 61% planted, 76% 1995, 83% avg. Cantaloupe 49% planted, 50% 1995, 64% avg. Tomatoes 26% planted, 59% 1995, 59%

avg. Watermelons 50% planted, 57% 1995, 67% avg. Apples 77% bloomed, 99% 1995, 100% avg. Strawberries 10% harvested, 24% 1995, 19% avg. Alfalfa Hay 26% harvested, 37% 1995, 37% avg; other hay 30% harvested, 45% 1995, 39% avg. Hay supplies 14% very short, 25% short, 61% adequate. Activities: Planting field crops and vegetables, cutting hay.

FLORIDA: Topsoil moisture mostly short in Panhandle, north, central Peninsula. Moisture adequate in southern Peninsula. Peanuts 90% planted. Farmers harvesting wheat. Cotton, peanut, soybean planting delayed by dry soil. Haying active. Corn showing stress of short moisture. Thunderstorms dropped varying amounts of rain over southern, northern vegetable fields. Dade County recorded from 2.00 to 3.00 in. Over 2.00 in. fell around Immokalee on the 21st. Some fields in Palmetto-Ruskin region received 3 in. of rain with lesser amounts accumulating in other fields. Vegetable volume leaders: Watermelons, potatoes, tomatoes, sweet corn, cucumbers, peppers, squash, cantaloups, snap beans, cabbage, celery, eggplant, cherry tomatoes. Rain, thunderstorms most areas. Abundant new growth on well-cared-for trees. Valencia harvest slowing. Grapefruit harvest all but over for the season. Caretakers cutting cover crops, hedging, topping, spraying. Pasture feed: Very poor 5%, poor 15%, fair 50%, good 30%. Grass pastures north, west very short due to dry weather. Grazing on winter seeded forage ended Panhandle due to dry conditions, some pastures turning brown. However, pastures west central, south improved because of recent rainfall. Cattle herds poor 5%, fair 65%, good 30%.

GEORGIA: Days suitable for fieldwork 6.6. Soil moisture 51% very short, 37% short, 12% adequate. Corn 4% very poor, 25% poor, 46% fair, 24% good, 1% excellent; 1% silked, 18% 1995, 14% avg. Cotton 2% very poor, 15% poor, 42% fair, 39% good, 2% excellent; 5% squaring, 9% 1995, 7% avg. Hay 3% very poor, 25% poor, 40% fair, 30% good, 2% excellent. Peanuts 1% very poor, 14% poor, 32% fair, 50% good, 3% excellent; 6% blooming, 13% 1995, 8% avg. Sorghum 1% very poor, 11% poor, 56% fair, 30% good, 2% excellent; 71% planted, 63% 1995, 59% avg. Soybeans 1% very poor, 12% poor, 49% fair, 38% good. Tobacco 2% very poor, 9% poor, 27% fair, 57% good, 5% excellent. Wheat 4% harvested for grain, 32% 1995, 17% avg. Onions 22% poor, 65% fair, 13% good; 89% harvested, 98% 1995, 95% avg. Watermelons 4% very poor, 14% poor, 31% fair, 45% good, 6% excellent; 100% planted, 100% 1995, 99% avg. Apples 2% very poor, 2% poor, 6% fair, 90% good. Peaches 86% very poor, 9% poor, 4% fair, 1% good; 9% harvested, 18% 1995, 20% avg. Extremely hot, dry, livestock being sold due to shortage of pasture feed. Feeding hay, hay supplies are short. Activities: Irrigating crops, spraying fungicides, herbicides, cutting hay, harvesting vegetables. Thunderstorms were prevalent in certain areas of the State during the weekend. The storms reduced temperatures, provided rainfall, improved crop conditions in the receiving areas.

HAWAII: Days suitable for fieldwork 7.0. Weather was fair for agriculture. Crops stressed by another hot, humid week. Heavy irrigation necessary in many crop areas. Insect infestations increased due to dryness. Papaya production higher but remains light overall. Banana output steady, fruit set good. Watermelon harvesting active. Head cabbage production steady, increased insect damage. Cucumber, tomatoes in good condition; some field peak harvest.

IDAHO: Days suitable for fieldwork 3.4. Substantial rainfall recorded throughout the state. Topsoil moisture 3% short, 66% adequate, 31% surplus. Potatoes planted 92%, 78% 1995, 84% avg. Potatoes emerged 24%, 11% 1995, 24% avg. Winter Wheat jointed 82%. Winter Wheat booting 38%. Spring Wheat jointed 23%. Spring Wheat booting 2%. Spring Wheat 2% poor, 9% fair, 72% good, 17% excellent. Barley jointed 25%. Barley booting 9%. Barley 10% fair, 68% good, 22% excellent. Alfalfa Hay harvested 1st cutting 4%, 6% 1995, 10% avg. Oats planted 82%, 82% 1995, 89% avg. Oats emerged 68%, 62% 1995, 71% avg. Dry Beans planted 23%, 21% 1995, 20% avg. Dry

Beans emerged 2%, 7% 1995, 3% avg. Dry Peas planted 44%, 74% 1995, 88% avg. Dry Peas emerged 37%, 57% 1995, 74% avg. Sugar beets emerged 99%, 87% 1995, 92% avg. Sugar beets thinned 15%, 18% 1995, 28% avg. Field corn planted 90%, 81% 1995, 81% avg. Field corn emerged 56%, 34% 1995, 42% avg. Lentils planted 34%, 76% 1995, 88% avg. Lentils emerged 26%, 39% 1995, 68% avg. Hay, roughage 27% short, 72% adequate, 1% surplus. Pasture feed, range 1% poor, 7% fair, 60% good, 32% excellent. Irrigation water 31% good, 69% excellent. Activities: Applying herbicides, insecticides, irrigating, finishing grain, potato seeding. Cutting hay, dry bean seeding are becoming more active. Rain delays continue.

ILLINOIS: Days suitable for fieldwork 4.1. Topsoil moisture 2% short, 59% adequate, 39% surplus. Planters rolled fast, furious across most of the state. The most planting progress was in the southern part of the state but that area was still lagging by the end of the week. Replanting of corn occurred throughout the state. Farmers were attempting to catch up with the soybean planting, made good progress this past week. Haying fell behind in the northern half of the state, but cutting of hay in the south made good progress. Emerged corn appears to be in good condition except for the flooded fields in low areas. Other activities: Ground preparation, spraying, scouting for replanting, equipment repair. Winter wheat 6% filled, 40% 1995, 29% avg. Oats 12% headed, 16% 1995, 12% avg. Oats 3% poor, 25% fair, 63% good, 9% excellent. Alfalfa 8% first cutting, 4% 1995, 27% avg. Alfalfa 1% very poor, 5% poor, 32% fair, 51% good, 11% excellent. Red clover 5% cut, 2% 1995, 16% avg. Red clover 6% very poor, 10% poor, 35% fair, 45% good, 4% excellent.

INDIANA: Days suitable for fieldwork 4.3. Topsoil moisture 59% adequate, 41% surplus. Subsoil moisture 1% short, 59% adequate, 40% surplus. Winter wheat 99% jointed, 100% 1995, 98% avg. Both corn, soybean planting 16 days behind avg. Many fields of corn have emerged, some replanting will be necessary. Weed problems, some wheat fields. Transplanting tobacco 12% complete. First cutting of hay has begun. Rapid pasture, forage growth. Feedlots muddy. Activities: Plowing, spraying, spreading fertilizer, discing, seeding oats, preparing hay equipment, tiling, ditching, purchasing supplies, hauling manure, care of livestock.

IOWA: Days suitable for field work 3.4. Topsoil moisture adequate 57%, surplus 43%. Subsoil moisture very short 1%, short 6%, adequate 69%, surplus 24%. Severe soil erosion was reported in the southern two-thirds of state. Flooding in the eastern, southern areas of state has caused considerable waterway, terrace damage. A brief spell of warm, sunny weather last week aided crop emergence, field activities; however, cool, damp weather soon returned, slowing planting progress, crop development. Several reporters mentioned that emerged corn is yellow in color and is in need of warmer temperatures, sunshine. Some corn has been drowned out or washed away in the eastern, southern areas of state and will have to be replanted. Cutworms being reported in some areas of state. Corn 4% poor, 24% fair, 60% good, 12% excellent; emerged 75%, 31% 1995, 60% avg. Soybeans emerged 9%, 4% 1995, 25% avg. 1996 row crops primary seedbed preparation completed 96%, 83% 1995, 91% avg; fertilizer application completed 97%, 88% 1995, 93% avg. Oats 1% very poor, 2% poor, 20% fair, 66% good, 11% excellent. Winter wheat 1% very poor, 15% poor, 46% fair, 35% good, 3% excellent. Hay 2% very poor, 7% poor, 28% fair, 55% good, 8% excellent. Livestock in mostly good condition across the state. Pneumonia being reported due to the cool, damp weather.

KANSAS: Days suitable for fieldwork 6.0. Topsoil moisture 12% very short, 33% short, 51% adequate, and 4% surplus. Subsoil moisture 14% very short, 31% short, 54% adequate, 1% surplus. Severe storms with 3-6 inches of rain as well as hail moved through over the weekend. Effects of these storms will be reflected in next week's report. Wheat progress is still slightly behind normal. Crop is largely poor. Corn, sorghum, soybean planting made significant progress the past week.

Planting progress of each are well ahead of the avg. Pasture condition improved slightly from the previous week. Feed, water shortages continue to be reported across the State. Feed grain 46% short, hay 48% short, stock water 36% short. Alfalfa cut the first time 28% complete, 11% 1995, 42% avg. Activities: Planting fall crops, harvest alfalfa.

KENTUCKY: Days suitable fieldwork 5.4. Topsoil 1% very short, 9% short, 76% adequate, 14% surplus. Subsoil 6% short, 74% adequate, 20% surplus. Warm, dry weather early in week. Farmers planted corn, set tobacco, made hay. Weekend rains slowed progress. Burley tobacco acreage 25% set, dark tobacco acreage 28% set. Set tobacco rated 2% poor 34% fair, 57% good, 7% excellent. Emerged corn 1% very poor, 9% poor, 32% fair, 48% good, 10% excellent. Winter wheat 2% very poor, 9% poor, 34% fair, 45% good, 10% excellent. Pastures 1% very poor, 5% poor, 33% fair, 52% good, 9% excellent. Hay crops 1% very poor, 8% poor, 38% fair, 45% good, 8% excellent.

LOUISIANA: Days suitable for fieldwork 6.9. Soil moisture 22% very short, 47% short, 31% adequate. Corn 3% poor, 44% fair, 46% good, 7% excellent; 5% silked, 13% 1995, 10% avg.; 4% 1995, 1% avg. Corn began showing signs of drought stress. Cotton 1% poor, 40% fair, 50% good, 9% excellent; 96% emerged, 93% 1995, 83% avg.; 5% 1995, 2% avg. Cotton producers were busy with insect control. Hay first cutting 54%, 40% 1995, 39% avg. Hay yields continued to be disappointing. Peaches 5% harvested, 1% 1995, 5% avg. Rice producers reported problems with water weevils. Sorghum 7% poor, 48% fair, 44% good, 1% excellent; 94% emerged, 78% 1995, 72% avg. Soybeans 5% poor, 48% fair, 44% good, 3% excellent; 59% emerged, 41% 1995, 32% avg. Soybean planting slowed considerably due to lack of moisture. Sugarcane 7% very poor, 17% poor, 37% fair, 36% good, 3% excellent. Sugarcane farmers were working fallow fields. Sweet Potatoes 22% planted, 21% 1995, 23% avg. Sweet Potato planting was delayed by dry conditions. Wheat 2% very poor, 20% poor, 42% fair, 31% good, 5% excellent; 100% turning, 93% 1995, 95% avg.; 31% harvested, 51% 1995, 37% avg. Livestock 1% very poor, 10% poor, 40% fair, 47% good, 2% excellent. Catfish began to suffer due to lack of rain, above normal temperatures. Vegetables 10% poor, 37% fair, 49% good, 4% excellent. Pasture feed 3% very poor, 20% poor, 47% fair, 29% good, 1% excellent.

MARYLAND: Days suitable for fieldwork 5.0. Topsoil moisture 2% short, 58% adequate, 40% surplus. Subsoil moisture 71% adequate, 29% surplus. Winter Wheat 7% poor, 31% fair, 54% good, 8% excellent; 81% headed, 98% 1995, 88% avg. Barley 4% poor, 24% fair, 61% good, 11% excellent; 98% headed, 100% 1995, 99% avg; 25% turned, 28% 1995, 35% avg. Rye 6% poor, 24% fair, 59% good, 11% excellent; 88% headed, 86% 1995, 94% avg; 7% turned, 9% 1995, 14% avg. Corn 74% planted, 87% 1995, 89% avg. Soybeans 9% planted, 21% 1995, 25% avg. Sorghum 14% planted, 18% 1995, 22% avg. Sweet corn 69% planted, 63% 1995, 65% avg. Tomatoes 86% planted, 66% 1995, 75% avg. Cantaloupe 81% planted, 60% 1995, 74% avg. Watermelons 84% planted, 62% 1995, 70% avg. Hay supplies 1% very short, 23% short, 75% adequate, 1% surplus. Acreage prepared for spring planting 79%. Apples 99% bloomed, 95% 1995, 99% avg. Strawberries 95% bloomed, 96% 1995, 96% avg; 18% harvested, 18% 1995, 16% avg. Activities: Planting field crops, vegetables, cutting hay.

MICHIGAN: The week of the 26th started out with heavy rains, reports of hail, tornados, but, no crop damage. Heavy rains, continued cool temperatures, cloudy conditions kept soils wet, prevented planting in most fields. Days suitable for fieldwork was 2.0. The effect of heavy rains on newly planted corn had yet to be determined. Warm weather aided emergence. Some growers began to consider shorter maturity varieties for corn, soybeans. Topsoil moisture 1% short, 36% adequate, 63% surplus. Subsoil moisture 39% adequate, 61% surplus. Barley planted 82%, 95% 1995, 96% avg. Sugarbeets planted 81% 1996, 100% 1995, 100% avg. Potato planted 60%, 86% 1995, 81% avg;

emerged 23%, 7% 1995, 23% avg. Oat 1% very poor, 13% poor, 35% fair, 45% good, 6% excellent. Winter wheat improved somewhat. Major activities: Corn, small grains, soybeans, sugarbeet, potato planting, hauling manure, spraying fruit trees.

MINNESOTA: Days suitable for fieldwork 3.3. Topsoil moisture 57% adequate, 43% surplus. Corn 87% ground prepared, 89% 1995, 91% 5 yr. avg.; 79% planted, 82% 1995, 85% 5 yr. avg.; 40% emerged, 48% 1995, 57% 5 yr. avg. Soybeans 53% ground prepared, 69% 1995, 73% 5 yr. avg.; 35% planted, 55% 1995, 61% 5 yr. avg.; 10% emerged, 11% 1995, 24% 5 yr. avg. Spring wheat 45% planted, 71% 1995, 92% 5 yr. avg.; 30% emerged, 42% 1995, 78% 5 yr. avg. Oats 92% planted, 86% 1995, 96% 5 yr. avg.; 78% emerged, 73% 1995, 86% 5 yr. avg. Barley 34% planted, 64% 1995, 90% 5 yr. avg.; 22% emerged, 36% 1995, 76% 5 yr. avg. Sugarbeets 73% planted, 87% 1995, 96% 5 yr. avg. Green peas 79% planted, 77% 1995, 81% 5 yr. avg. Potatoes 52% planted complete, 43% 1995, 74% 5 yr. avg. Flax 10% planted, 21% 1995, 63% 5 yr. avg. Dry Edible Beans 15% planted, 29% 1995, 57% 5 yr. avg. Sweet Corn 50% planted, 42% 1995, 57% 5 yr. avg. Sunflowers 11% planted, 31% 1995, 67% 5 yr. avg. Pasture 3% very poor, 17% poor, 42% fair, 34% good, 4% excellent. Winter Wheat 9% poor, 39% fair, 49% good, 3% excellent. Rye 1% very poor, 1% poor, 36% fair, 51% good, 11% excellent. Alfalfa 8% very poor, 14% poor, 45% fair, 29% good, 4% excellent.

MISSISSIPPI: Days suitable for fieldwork 6.9. Soil moisture 38% very short, 49% short, 13% adequate. Corn 100% planted, 100% 1995, 90% avg.; 100% emerged, 98% 1995, 86% avg.; 1% silked, 1% 1995, 1% avg.; 4% very poor, 16% poor, 33% fair, 41% good, 6% excellent. Soybeans 84% planted, 62% 1995, 38% avg.; 70% emerged, 50% 1995, 29% avg.; 1% very poor, 10% poor, 32% fair, 43% good, 14% excellent. Wheat 50% mature, 50% 1995, 49% avg.; 1% harvested, 6% 1995, 5% avg.; 6% poor, 15% fair, 54% good, 25% excellent. Hay cool season 80% harvested, 61% 1995. Hay warm season 10% harvested 4% 1995.; 6% very poor, 23% poor, 46% fair, 21% good, 4% excellent. Peaches 1% 1995, 7% avg.; 87% very poor, 9% poor, 3% fair, 1% good. Peanuts 96% planted, 97% 1995, 70% avg.; 1% poor, 8% fair, 41% good, 50% excellent. Sweet potatoes 14% planted, 19% 1995, 28% avg. Watermelons 92% planted, 92% 1995, 88% avg.; 2% very poor, 13% poor, 50% fair, 35% good. Blueberries 29% very poor, 52% poor, 8% fair, 9% good, 2% excellent. Cattle 3% very poor, 18% poor, 35% fair, 37% good, 7% excellent. Pasture 12% very poor, 26% poor, 40% fair, 21% good, 1% excellent. Main farming activities: Caring for livestock, baling hay, applying nitrogen. Dry weather brought most planting operations to an end.

MISSOURI: Days suitable for fieldwork 4.4. Topsoil moisture supply, 10% short, 63% adequate, 27% surplus. Wet field conditions continued to slow fieldwork in the northern third of the state, while progress was rapid in most other areas. Percent of corn planted ranges from around 70% east-central, northeastern districts to 95% or more in the other major corn districts. Sorghum planting ranges from 70% complete in the Bootheel to 25% or less in the central, east-central, northern districts. Single-crop soybean planting ranges from 40% or more in the west-central, central, southeastern districts to less than 25% or less in all other districts. All wheat has reached the heading stage in the southern third of the state, while heading is about 50% complete in the northern third. Alfalfa first cutting 19%, 8% 1995, 27% avg. Other hay cut 6%, 3% 1995, 12% avg. Pastures 2% very poor, 17% poor, 45% fair, 32% good, 4% excellent.

MONTANA: Days suitable for fieldwork 3.1. Topsoil moisture 5% short, 76% adequate, 19% surplus. Subsoil moisture 11% short, 81% adequate, 8% surplus. Spring wheat 15% fair, 80% good, 5% excellent. Barley 11% fair, 81% good, 8% excellent. Oats 18% fair, 74% good, 8% excellent. Oats 79% planted, 74% 1995, 88% avg. Oats 48% emerged, 48% 1995, 60% avg. Corn 79% planted, 75% 1995, 84% avg. Corn 30% emerged, 38% 1995. Sugarbeet 1% very poor, 1% poor, 16% fair,

64% good, 18% excellent. Sugarbeets 98% planted, 98% 1995, 100% avg. Sugarbeets 83% emerged, 84% 1995. Dry Beans 50% planted, 52% 1995, 69% avg. Dry Beans 5% emerged, 9% 1995. Potatoes 50% planted, 55% 1995, 63% avg. Potatoes 7% 1995. Cattle, Calves moved to summer ranges 64%. Sheep, lambs moved to summer ranges 62%.

NEBRASKA: Days suitable for fieldwork 3.9. State producers had excellent fieldwork opportunities, then rain, more rain halted fieldwork. Rains were especially welcome in western areas, while some eastern counties experienced problems from too much moisture. Starting at midweek, heavy rains, tornadoes, high winds, and hail caused some soil erosion and crop, building damage in eastern areas. Topsoil moisture 1% very short, 13% short, 71% adequate, and 15% surplus. Subsoil moisture 3% very short, 28% short, 67% adequate, and 2% surplus. Wheat 89% jointed, 99% 1995, 98% avg; 15% headed, 10% 1995, 43% avg; producers were spraying for weeds and grass. Corn 2% poor, 23% fair, 68% good, 7% excellent; some producers in eastern parts of the State were evaluating fields to see if some earlier planted acreage will need to be replanted due to erosion, crusting. Alfalfa 1% very poor, 13% poor, 39% fair, 39% good, 8% excellent; 1% 1st cutting, 1% 1995, 11% avg; alfalfa weevils reported in some north central fields. Wild hay 1% very poor, 9% poor, 41% fair, 44% good, 5% excellent. Pasture, range 1% very poor, 8% poor, 44% fair, 43% good, 4% excellent; moisture received last week aided pasture growth. Activities: Planting row crops, grain marketing, livestock care.

NEVADA: Several weather systems moved across the State. Rain showers were common, snow fell at higher elevations. Precipitation amounts were greatest Northeast. Precipitation was most beneficial to the parched extreme South. Rains continued to interrupt fieldwork, while range forage prospects continued to improve. Spring grain planting continued northeast, complete elsewhere. Grain crops ripening for harvest Extreme South. Wheat, barley fair to excellent; mostly excellent in principal growing regions. Growers wrapping up potato planting. Alfalfa growth slowed by cool temperatures; progress of growth behind normal north. First cutting complete South. Alfalfa generally good. Garlic, onion growth slowed. Insect spraying underway. Spring calving complete most areas. Lambing continues northeast. Branding, vaccinating, movement to Spring ranges 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 5.8. Topsoil moisture 2% short, 55% adequate, 43% surplus. Subsoil moisture 51% adequate, 49% surplus. Pasture 10% poor, 17% fair, 49% good, 24% excellent. Maine potatoes 65% planted, 70% 1995, 65% avg., 0% emerged, 5% 1995, 5% avg, good. Massachusetts potatoes 80% planted, 95% 1995, 90% avg, 30% emerged, 75% 1995, 50% avg., good. Rhode Island potatoes 60% planted, 95% 1995, 80% avg., 30% emerged, 60% 1995, 40% avg., good. Maine oats 80% planted, 80% 1995, 75% avg, 45% emerged, 40% 1995, good. Maine barley 90% planted, 80% 1995, 50% emerged, 45% 1995, good. Field corn 40% planted, 70% 1995, 60% avg., 15% emerged, 20% 1995, 20% avg, fair to good. Sweet corn 40% planted, 60% 1995, 60% avg, 20% emerged, 35% 1995, 35% avg, good. Shade tobacco 25% planted, 40% 1995, good. Outdoor tobacco 10% planted, 10% 1995. First hay 5% harvested, 5% 1995, 5% avg, crop good to fair. Apples in petal fall to full bloom, set avg, size avg, good. Peaches petal fall, set avg, size avg, good. Pears full bloom/petal fall, set avg, good. Cranberries at bud, good. Wild blueberries early bloom to full bloom. Farmers catching up on land preparation, planting while crops continue to emerge due to the warmer weather. Major farm activities: Potato, small grain planting, fieldwork on drier uplands plowing, harrowing, stoning, fertilizing, liming, spreading manure on well drained soils. Transplanting shade, outdoor tobacco, planting tomatoes, sweet corn, beans, squash, cucumbers, cabbage. Applying fungicides fertilizers to fruit crops, minor frost damage also reported.

NEW JERSEY: Days suitable for fieldwork, 6.0. Topsoil moisture reported as adequate to surplus. Planting, other activities behind 7-10 days. Harvest of strawberries. Peaches look good. Vegetable farmers were busy planting tomatoes, snap beans. Harvest of asparagus, lettuce, endive, escarole, parsley, radish, celantro, arrugula, beets reported. Planting of corn, soybeans reported. Cutting of hay also reported.

NEW MEXICO: Days suitable for fieldwork 6.8. Soil moisture 78% very short, 20% short, and 2% adequate. Corn, cotton planting continued; corn 98% complete, 90% 1995; cotton 87% planted, 86% 1995, 91% avg. Corn 1% poor, 40% fair, 50% good, 9% excellent. Cotton 15% poor, 6% fair, 31% good, 48% excellent. Sorghum planting remains limited to irrigated acreage; total crop is still slightly behind normal with 10% planted, 32% 1995, 28% avg. Lack of moisture continues to delay dryland sorghum planting. Alfalfa 1% very poor, 6% poor, 24% fair, 38% good, 31% excellent; first cutting 75% complete. Chile 8% fair, 54% good, 38% excellent. Lettuce harvest continues to progress with 85% completed, 99% 1995. Onion 5% fair, 40% good, 55% excellent, harvest is underway with 3% complete. Pecan improved with 2% fair, 48% good, 50% excellent; nut set rated 1% light, 95% avg, 4% heavy. Dry wheat improved very slightly with a few spotty showers on the east side of the state; 98% very poor, 2% poor. Irrigated wheat, 3% very poor, 17% poor, 63% fair, 12% good, 5% excellent. Total wheat headed at 97%, 99% 1995, 93% avg. Cattle condition continues to fall at 7% very poor, 29% poor, 49% fair, 15% good. As severe drought continue across the state producers reported heavy supplemental feeding, watering, livestock deaths, heavy culling of herds, rationing of irrigation water.

NEW YORK: Days suitable: 4.2. Soil moisture 37% adequate. 63% surplus. Many fields still can't be worked due to wetness. Pasture 13% fair, 41% good, 46% excellent. Warm weather encouraged growth. Wheat, oats mostly fair to good. Corn 20% planted, 66% 1995, 65% avg. Oats 40% seeded, 84% 1995, 85% avg. Dry weather needed for progress to catch up. Hudson Valley fruit growers assessing damages from frost that hit two weeks ago. Peaches hit particularly hard. Grape growers tying vines, repairing trellises. Very hot weather in central areas of the state during apple bloom. Expectations are that pollination may be light. Vegetable planting continued, growers trying to catch up. Cabbage crop 50% planted. Onions 90% planted. Growers replanting fields damaged from frost in Orange County

NORTH CAROLINA: Days suitable for fieldwork 6.4. Soil moisture is rated 2% very short, 44% short, 53% adequate, 1% surplus. Flue-cured tobacco 95% transplanted, 96% 1995, 97% avg.; Crop condition: Oats 4% poor, 12% fair 82% good, 2% excellent; barley 2% poor, 15% fair, 80% good, 3% excellent; rye 2% fair, 98% good; Irish potatoes 10% fair, 72% good, 18% excellent; peaches 71% very poor, 8% poor, 10% fair, 11% good; truck crops 2% poor, 10% fair, 86% good, 2% excellent; tobacco in fields 1% poor, 18% fair, 72% good and 9% excellent; corn 1% poor, 18% fair, 78% good, and 3% excellent; cotton 1% poor, 21% fair, 75% good, 3% excellent; peanuts 1% fair, 98% good, and 1% excellent; soybeans 1% poor, 11% fair, 88% good; tobacco plant supply 6% short, 93% adequate, 1% surplus. Activities: Planting sorghum, cotton, peanuts; transplanting flue-cured tobacco, burley tobacco, sweet potatoes; side-dressing tobacco; spraying for cereal leaf beetles, cutworms, other pests; planting vegetables; harvesting small grains; cutting, baling hay; cultivating crops; pasture maintenance; tending livestock; preparing combines for small grain harvest; repairing equipment, general farm maintenance.

NORTH DAKOTA: Days suitable for fieldwork 6. Soil moisture supplies well above avg. Topsoil moisture 4% short, 83% adequate, 13% surplus. Subsoil moisture 4% short, 84% adequate, 12% surplus. Spring wheat is still two weeks behind avg. Durum 48% planted, 16% emerged, beyond 32%, 8% 1995; 80%, 54% avg. Late season planting was near last year but well behind avg. Flaxseed 16% planted, 4%

emerged, beyond 10%, 2% 1995; 59%, 25% avg.; corn 57% planted, 15% emerged, beyond 49%, 15% 1995; 78%, 40% avg.; dry edible beans 21% planted, 0% emerged, beyond 25%, 3% 1995; 55%, 17% avg.; soybeans 19% planted, beyond 23%, 6% 1995; 72%, 28% avg.; sunflower 10% planted, beyond 12%, 1% 1995; 43%, 9% avg.; sugarbeets 71% planted, 21% emerged, beyond 86%, 50% 1995; 97%; potatoes 61% planted, 3% emerged, beyond 69%, 6% 1995; 81%, 11% avg. Hay, forage supplies 2% very short, 12% short, 85% adequate, 1% surplus. Grains, concentrates 2% very short, 9% short, 88% adequate, 1% surplus. Pasture feed 1% very poor, 4% poor, 25% fair, 64% good, 6% excellent.

OHIO: Days suitable for fieldwork 4.5. Topsoil moisture 58% adequate, 42% surplus. Warmer, drier weather reduced topsoil moistures significantly. Planting of corn, soybeans proceeded at a near record pace; however, the ground in many places is still saturated, and many fields still show wet spots.

OKLAHOMA: Days suitable for fieldwork 6.0. Topsoil moisture 28% very short, 40% short, 29% adequate, 3% surplus. Subsoil moisture 20% very short, 48% short, 32% adequate. Wheat 64% softdough, 47% 1995, 57% avg; Oats 87% heading, 70% 1995, 77% avg; 55% softdough, 19% 1995, 37% avg; Corn 96% up-to-stand, 85% 1995, 91% avg; Sorghum 80% seedbed prepared, 71% 1995, 79% avg; 22% up-to-stand, 6% 1995, 14% avg; Soybeans 93% seedbed prepared, 72% 1995, 78% avg; 59% planted, 30% 1995, 38% avg; 29% up-to-stand, 20% 1995, 18% avg; Peanuts 98% seedbed prepared, 89% 1995, 88% avg, 58% planted, 37% 1995, 39% avg; 23% up-to-stand, 9% 1995, 14% avg; Cotton 87% seedbed prepared, 90% 1995, 92% avg, 30% planted, 53% 1995, 47% avg; 19% up-to-stand, 15% 1995, 21% avg; Alfalfa 2% very poor, 18% poor, 43% fair, 35% good, 2% excellent; Alfalfa hay 76% 1st cutting, 74% 1995, 72% avg; 4% 2nd cutting, 3% 1995, 2% avg; Other hay 28% 1st cutting, 51% 1995, 46% avg; Livestock 1% very poor, 7% poor, 49% fair, 42% good, 1% excellent. Feeder steers and heifers were steady to \$2/cwt higher.

OREGON: Days suitable for fieldwork 3.9. Topsoil moisture 3% short, 77% adequate, 20% surplus. Subsoil moisture 8% short, 76% adequate, 16% surplus. Barley 83% planted, 86% 1995, 93% average. Activities: Wet conditions delayed field work, most areas. Field crops good, warmer weather needed for better growth. Wet weather disease pressure continued growers considering second fungicide application, western sections. Grass seed headed, Willamette Valley, central sections. First hay cuttings underway, Malheur County. Hail storm caused damage, Pendleton district winter wheat, pea fields. Nurseries and greenhouses inventories not moving, inclement weather. Christmas tree planting nearly complete, insecticide applications delayed by rain. Potato planting well underway, eastern sections. Some Malheur County onions being removed, excess moisture. Klamath Basin potatoes 60% planted. Willamette Valley onion, other vegetable planting delayed, wet conditions. Willamette Valley fruit: strawberries slowly ripening, two frosts hampered strawberry set, caneberries with winter freeze damage cut down, codling moths emerged in many orchards, tree fruit spotty. Rogue River Valley: wet conditions slowed fieldwork. Southern coast: cranberries late hook stage - 25% bloom. Livestock good. Eastern turnout underway, warmer weather needed to promote pasture feed growth. Western pasture feed wet, growth lagged behind normal.

PENNSYLVANIA: Days suitable for fieldwork 5.1. Soil moisture 3% short, 73% adequate, 24% surplus. Plowing 74% complete, 93% 1995, 91% avg. Soybeans planted 31% complete, 42% 1995, 40% avg. Oats planted 89% complete, 94% 1995, 95% avg. Potatoes planted 64% complete, 76% 1995, 78% avg. Tobacco transplanted 23% complete, 13% 1995, 5% avg. Barley 83% heading or headed, 77% 1995, 67% avg. Wheat 53% heading or headed, 53% 1995, 38% avg. Wheat crop 1% very poor, 8% poor, 38% fair, 41% good, 12% excellent. Alfalfa 1st cutting 23% complete, 14% 1995, 20% avg. Quality of hay made 3% very poor, 4% poor, 23% fair, 50% good, 20% excellent. Activities:

Plowing, planting of oats, corn, soybeans; making hay, haylage; spreading fertilizer; fixing fences; machinery maintenance, storing; hauling manure; caring for livestock.

PUERTO RICO: No data available.

SOUTH CAROLINA: Soil moisture 25% very short, 51% short, 22% adequate, 2% surplus. Days suitable for fieldwork 6.4. Other outdoor activities: Barley 98% headed, 82% turning color, 79% 1995, 70% 5 yr avg; 40% ripe, 30% 1995, 27% 5 yr avg; 5% harvested, 6% 1995, 7% poor, 35% fair, 58% good. Corn 2% very poor, 13% poor, 39% fair, 39% good, 7% excellent. Oats 87% turning color, 92% 1995, 84% 5 yr avg; 61% ripe, 58% 1995, 47% 5 yr avg; 13% harvested, 23% 1995. Rye 100% headed, 88% turning color, 89% 1995, 81% 5 yr avg; 56% ripe, 57% 1995, 43% 5 yr avg; 13% harvested, 14% 1995. Sorghum 32% planted, 39% 1995, 35% 5 yr avg; 8% fair, 58% good, 34% excellent. Tobacco 100% planted, 99% 1995, 100% 5 yr avg; 7% poor, 58% fair, 28% good, 7% excellent. Wheat 89% turning color, 96% 1995, 82% 5 yr avg; 56% ripe, 63% 1995, 42% 5 yr avg; 5% harvested, 12% 1995, 7% 5 yr avg; 1% very poor, 5% poor, 35% fair, 54% good, 5% excellent. Peach 33% very poor, 55% poor, 12% fair. Apple 46% very poor, 13% poor, 3% fair, 38% good. Watermelons 98% planted, 92% 1995; 92% 5 yr avg; 4% poor, 32% fair, 59% good, 5% excellent. Cantaloups 99% planted, 89% 1995; 89% 5 yr avg; 11% poor, 25% fair, 62% good, 2% excellent. Tomatoes 9% fair, 61% good, 30% excellent.

SOUTH DAKOTA: Days suitable for fieldwork 3.0. Topsoil moisture 2% short, 54% adequate, 44% surplus. Subsoil moisture 1% short, 56% adequate, 43% surplus. All areas of the State received some precipitation during the week. Rainfall generally ranged from 1 to 2.5 inches. Winter rye 1% very poor, 6% poor, 37% fair, 51% good, 5% excellent. Barley 4% poor, 35% fair, 60% good, 1% excellent. Oats 4% poor, 27% fair, 65% good, 4% excellent. Spring wheat 4% poor, 28% fair, 61% good, 7% excellent. Lack of warm weather, an abundance of weeds, and the delay of herbicide application has affected the condition of the small grains. Flax 36% planted, 20% 1995, 57% avg. Sunflowers 7% planted, 2% 1995, 22% avg. Winter rye 8% boot, 35% 1995, 47% avg. Livestock 1% poor, 11% fair, 75% good, 13% excellent. Cattle moved to pasture 77%. Calving 94% complete, lambing 96% complete. Feed supplies 1% very short, 6% short, 88% adequate, 5% surplus. Stock water supplies 60% adequate, 40% surplus.

TENNESSEE: Days suitable for fieldwork 6.0. Topsoil moisture 2% very short, 23% short, 71% adequate, 4% surplus. Subsoil moisture 12% short, 83% adequate, 5% surplus. Corn 1% poor, 19% fair, 59% good, 21% excellent; 97% planted, 99% 1995, 90% avg. Tobacco 54% transplanted, 50% 1995, 54% avg. Wheat 1% very poor, 8% poor, 38% fair, 44% good, 9% excellent; 99% headed, 100% 1995, 100% avg; 28% turning color, 64% 1995, 51% avg. Sorghum 67% planted, 79% 1995, 57% avg. Alfalfa hay 1% very poor, 4% poor, 34% fair, 53% good, 8% excellent; 69% first cutting, 70% 1995, 68% avg. Other hay 1% very poor, 6% poor, 36% fair, 53% good, 4% excellent. Pasture 1% very poor, 8% poor, 38% fair, 50% good, 3% excellent. Cattle 1% very poor, 7% poor, 40% fair, 48% good, 4% excellent.

TEXAS: Agricultural producers across state not calling it a drought buster, but rainfall did occur many areas during later part week. Isolated hail fell Plains causing some damage. The windy, dry conditions continued to slow planting operations Plains. Dry conditions also continued take toll on grain crops. Livestock producers increasing their feeding activity all areas. Hay supplies depleted many areas. The recent rainfall will help speed up greening, however more needed for growth to occur.

Crops: Small Grains: Harvest moved into Low Plains, continued to progress in North Central. Test weights not been good on dryland fields. Fields heading High Plains. Irrigated fields coming under stress from extreme heat, windy conditions. Corn: Irrigation remained steady

High Plains. Leaf curl increased much of North, South Central areas. Drought conditions have forced many fields into tasseling at short plant heights. Fields in Coastal Bend, Valley entering dough stage. Some fields baled because poor development in the Coastal Bend. Statewide condition rated 56% normal compared 81% last year. Grain Sorghum: Producers in High Plains trying to increase their planting activity, but dry conditions limited progress to irrigated fields. Leaf curl also occurring many areas. Fields heading South Central. Fields turning color under hot conditions in Valley. Statewide condition rated 55% normal compared 80% last year. Cotton: Planting on irrigated land continued in Plains. Dryland producers awaiting rain. The late week rain should help their situation. Fields north-central beginning to suffer from dry conditions. Fields squaring, setting bolls in Valley. Statewide condition rated 56% normal compared 84% last year. Rice: Producers struggling to keep water on fields with hot, windy conditions. Peanuts planting activity slow in many areas with dry conditions. Soybeans planting increasing slowly north-central areas. Along Upper Coast, fields flowering, need of rain.

Commercial Vegetables: Rio Grande Valley, melon harvest increasing. Cabbage, carrot harvest also continued. San Antonio- Winter Garden, onion harvest winding down. Watermelon harvest nearing. Final watering taking place. East, melons setting fruit. Sweet potato planting continued. High Plains, increased irrigation occurred potatoes, onions. Trans-Pecos, cantaloups sizing well. Pecans: Casebearer spraying increasing more areas during week. Water critical all areas as nuts are setting. Pecan drop could be heavy if dry conditions persist. Peaches: Recent rainfall should benefit remaining late season varieties.

Range and Livestock: Haying, supplemental feeding continued, was actually increasing some herds. Limited hay supplies continued major concern. Heavy culling activity continued. Livestock mostly good, however some decline begun in dryer areas.

UTAH: Days suitable for fieldwork 5.6. Topsoil moisture 6% very short, 36% short, 54% adequate, 4% surplus. Subsoil moisture 6% very short, 36% short, 54% adequate, 4% surplus. Winter wheat headed 16%. Oats planted 83%, 79% 1995, 91% avg. Oats emerged 67%, 58% 1995, 78% avg. Corn planted 83%, 64% 1995, 84% avg. Corn emerged 64%, 18% 1995, 45% avg. Potatoes planted 52%, 38% 1995. Dry edible beans planted 4%, 5% 1995. Alfalfa height 14.0 inches. Alfalfa hay first cutting 2%. Range, pasture 2% very poor, 11% poor, 27% fair, 53% good, 7% excellent. Sheep moved to summer range 58%, 29% 1995. 42% avg. Cattle moved to summer range 52%, 34% 1995. 49% avg. Major farm, ranch activities: Irrigating, planting, weed control, spraying for alfalfa weevil, spraying apples, fencing

VIRGINIA: Days suitable for fieldwork 6.0. Topsoil 11% short, 84% adequate, 5% surplus. Subsoil moisture 0% short, 88% adequate, 12% surplus. Corn 85% planted, 88% 1995, 88% avg; 0% poor, 9% fair, 85% good, 6% excellent. Soybeans 23% planted, 19% 1995, 26% avg. Winter wheat 4% poor, 25% fair, 55% good, 16% excellent. Barley 2% poor, 19% fair, 70% good, 9% excellent. Cotton 99% planted, 100% 1995, 99% avg. Peanuts 86% planted, 99% 1995, 96% avg; 10% fair, 51% good, 39% excellent. Alfalfa 0% poor, 8% fair, 81% good, 11% excellent. Other hay 4% poor, 30% fair, 60% good, 6% excellent. Summer potatoes 10% fair, 80% good, 10% excellent. Fire cured tobacco transplanted 55%, 66% 1995, 66% avg; 0% poor, 9% fair, 65% good, 26% excellent. Flue cured tobacco transplanted 85%, 93% 1995, 89% avg; 3% fair, 83% good, 14% excellent. Burley tobacco transplanted 40%, 30% 1995, 28% avg. Sun cured tobacco transplanted 60%, 49% 1995, 64% avg. Pasture feed 0% poor, 19% fair, 73% good, 8% excellent. Apples 3% poor, 6% fair, 77% good, 14% excellent. Peaches 8% poor, 40% fair, 52% good. Activities: Corn, cotton, peanut planting were at or nearing completion. Hay growers were active cutting, baling hay. Soybean planting was finally underway. Growers were busy scouting, spraying small grains,

potatoes for cereal leaf beetles, army worms, aphids. Tobacco growers are in various stages of setting out plants. In southeastern Virginia, farmers also actively planted watermelon, cantaloupes, other vegetables

WASHINGTON: Days suitable for fieldwork 2.6. Topsoil moisture 3% short, 65% adequate, 32% surplus; subsoil moisture 18% short, 79% adequate, 3% surplus. Cool, wet weather delayed spring field activities. Wheat was being sprayed for foot rot. Winter wheat, dryland 13% fair, 57% good, 30% excellent; irrigated, 80% good, 20% excellent. Barley, dryland 8% poor, 48% fair, 40% good, 4% excellent; irrigated, 100% good. Hay, other roughage supplies, 11% short, 88% adequate. Range, pasture feed, 37% fair, 58% good, 5% excellent. Pasture growth was improving, haying progressed more normally. Potatoes 100% planted, 94% 1995, 98% avg.; 90% emerged, 71% 1995, 77% avg. Spring wheat 95% planted, 96% 1995, 99% avg., 82% emerged, 78% 1995, 93% avg. Corn 94% planted, 65% 1995, 84% avg. Dry peas 91% planted, 95% 1995, 98% avg. Fruit crops look mostly good, but not as good as last year. Most vegetable seedings delayed due to wet weather, particularly west of the Cascades. Asparagus, rhubarb harvests continued.

WEST VIRGINIA: Days suitable for fieldwork 3.4. Topsoil moisture 48% adequate, 52% surplus. Wheat 2% poor, 33% fair, 64% good, 1% excellent; 65% headed, 51% 1995. Hay 1% very poor, 17% poor, 36% fair, 44% good, 2% excellent; first cutting 4%, 2% 1995. Intended acreage prepared for spring planting 74%, 2% 1995. Corn planted 60%, 65% 1995, 74% ave. Oats 19% poor, 40% fair, 41% good; 85% planted, 72% 1995, 86% ave.; 65% emerged, 56% 1995, 74% ave. Soybeans planted 8%, 37% 1995. Tobacco 100% emerged, 97% 1995, 99% ave.; 8% transplanted, 13% 1995. Cattle 1% poor, 26% fair, 71% good, 2% excellent. Sheep 30% fair, 69% good, 1% excellent. Apples 92% fair, 8% good. Peaches 100% fair. Activities: Preparing soil, planting where conditions allow, cutting hay, transplanting tobacco, working livestock.

WISCONSIN: Days suitable for fieldwork 3.9. Soil moisture 1% short, 64% adequate, 35% surplus. After a very slow start, percent acreage of corn planted was only 5 days behind the 5-year average. Farmers were planting their crops in wet soils, where possible statewide. Rows of corn have become visible in many parts of the state. Continued rainfall improved range and pasture feed to 8% poor, 22% fair, 62% good, and 8% excellent. Some reporters hoped that corn would progress to normal by mid-June. Soybean planting became more active with 30% of the crop in the ground, compared to 40% in 1995, and the 5-year average of 54%. Some more alfalfa winterkill damage was noted in the eastcentral and northcentral districts. Alfalfa winter freeze damage was 30% none, 37% light, 27% moderate, and 6% severe. Most fruit trees were in bloom, but the cranberry crop was two to three weeks behind on growth.

WYOMING: Days suitable for fieldwork 3.1. Topsoil moisture supplies 95% adequate or surplus. Barley 96% planted, 91% 1995, 94% avg; 86% emerged, 79% 1995, 84% avg; 9% jointed, 17% 1995, 12% avg. Oats 93% planted, 76% 1995, 90% avg; 62% emerged, 43% 1995, 66% avg; 9% jointed, 1% 1995. Spring wheat 95% planted, 63% 1995, 89% avg; 57% emerged, 43% 1995, 72% avg; 7% jointed, 1% 1995. Sugarbeets 83% emerged, 81% 1995, 78% avg. Corn 96% planted, 79% 1995, 81% avg; 55% emerged, 43% 1995, 47% avg. Dry beans 22% planted, 22% 1995, 24% avg; 1% emerged, 2% avg. Winter wheat 63% jointed, 46% 1995, 68% avg; 27% boot. Winter wheat insect infestation light to none. Range flock ewes lambing 66%, 62% 1995; shorn 96%, 92% 1995.

International Weather and Crop Summary

May 19 - 25, 1996

HIGHLIGHTS

FSU-WESTERN: Showers and cooler weather favored crop development in Russia, while a drying trend in southern Ukraine limited moisture for developing crops.

FSU-NEWLANDS: Cold, wet weather in Russia slowed spring grain planting.

EUROPE: Light to moderate rain improved growing conditions for crops in the north.

AUSTRALIA: Continuing dryness favored fieldwork in the east.

CANADA: Spring planting made some progress but continued well behind schedule.

SOUTHEAST ASIA: Showers slowed main-season rice harvesting across Java. Seasonable rain increased moisture supplies in Thailand.

EASTERN ASIA: Unfavorably dry weather continued across the North China Plain. Rain favored spring wheat and summer crop development across Manchuria.

SOUTH AMERICA: A widespread freeze in central Argentina aided summer crop dry down and harvesting. Rain is needed for early winter wheat development in portions of southern Brazil.

MEXICO: Cooler weather prevailed in the northwest, but warm weather remained across the rest of the north.

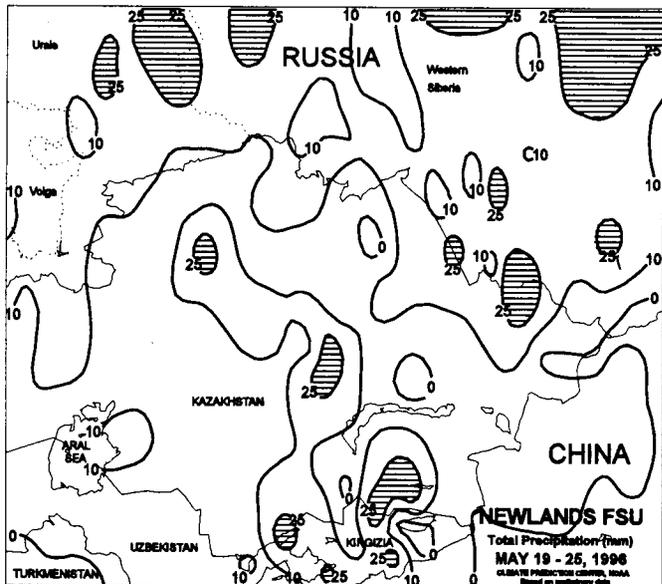
FSU-WESTERN

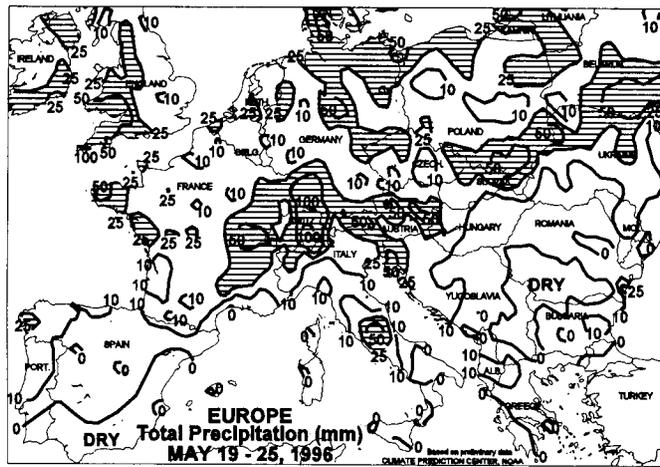
In Russia, a cooling trend was accompanied by light to moderate showers, favoring winter grains in or nearing the heading stage and spring-sown crops in the vegetative stage. Greatest amounts of rain (10-25 mm, with local amounts in excess of 30 mm) fell over the southern half of Central Region, Black Soils Region, the northern tip of North Caucasus, and the middle portion of the Volga Valley. Weekly temperatures averaged 1 to 6 degrees C below normal over Russia. Wet weather (15-63 mm) also benefited winter grains in Belarus and Lithuania but slowed potato and sugar beet planting. In Ukraine, only light scattered showers fell over southern growing areas, where cumulative precipitation since March has been trending below normal. In addition, the dryness in these areas was accompanied by hot weather (maximum temperatures ranging from 30 to 35 degrees C) early in the week, increasing evaporation rates. Rain is needed soon to prevent a deterioration in crop conditions. Beneficial rain (15-56 mm) covered northern and eastern Ukraine, keeping crops well watered.



FSU-NEW LANDS

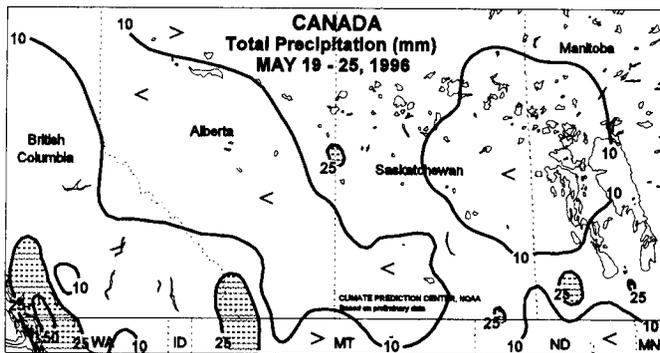
Unseasonably cold, wet weather spread eastward over the Urals and Siberia in Russia, slowing spring grain planting and emergence. Precipitation amounts ranged from 12 to 25 mm, with local amounts in excess of 30 mm. Although minimum temperatures fell below freezing at most locations during the week (-1 to -3 degrees C), temperatures did not fall low enough to harm emerging crops. In Kazakhstan, light, scattered showers (2-14 mm) caused only brief delays in spring grain planting, which is typically well underway. However, weekly temperatures averaged 2 to 4 degrees C below normal in major spring grain producing areas in north-central Kazakhstan, slowing crop emergence.





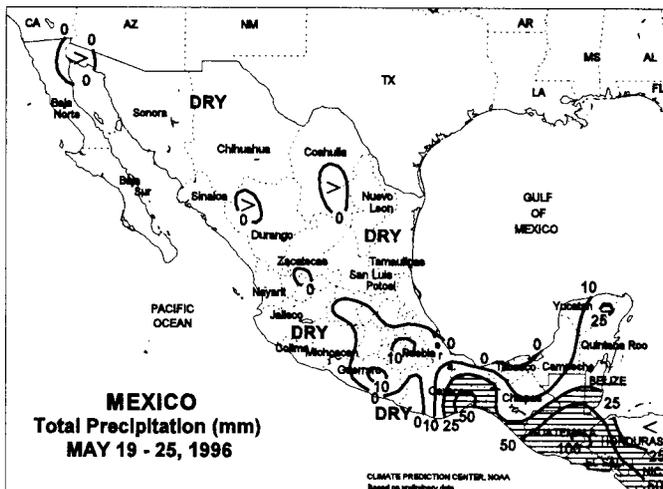
EUROPE

Widespread light to moderate showers (10-25 mm, with local amounts in excess of 30 mm) fell from England, eastward through northern France and the Benelux countries, into Germany. The precipitation in these areas helped ease unfavorable dryness that had persisted during the spring, improving growing conditions for winter grains in the heading stage and spring crops in the vegetative stage. Farther south, light showers kept crop areas in southern France well watered, while generally dry weather over Spain favored winter grain maturation. In eastern Europe, light to moderate showers (10-40 mm, with local amounts in excess of 50 mm) over Poland, the Czech Republic, and Slovakia, maintained favorable moisture conditions for crop development. Unusually warm, dry weather over Romania, eastern Yugoslavia, and Bulgaria, benefited summer crop planting. Although moisture reserves were adequate for developing crops, there was a brief period of hot weather early in the week (maximum temperatures ranged from 32 to 35 degrees C), causing some heat stress to winter grains in the reproductive phase of development.



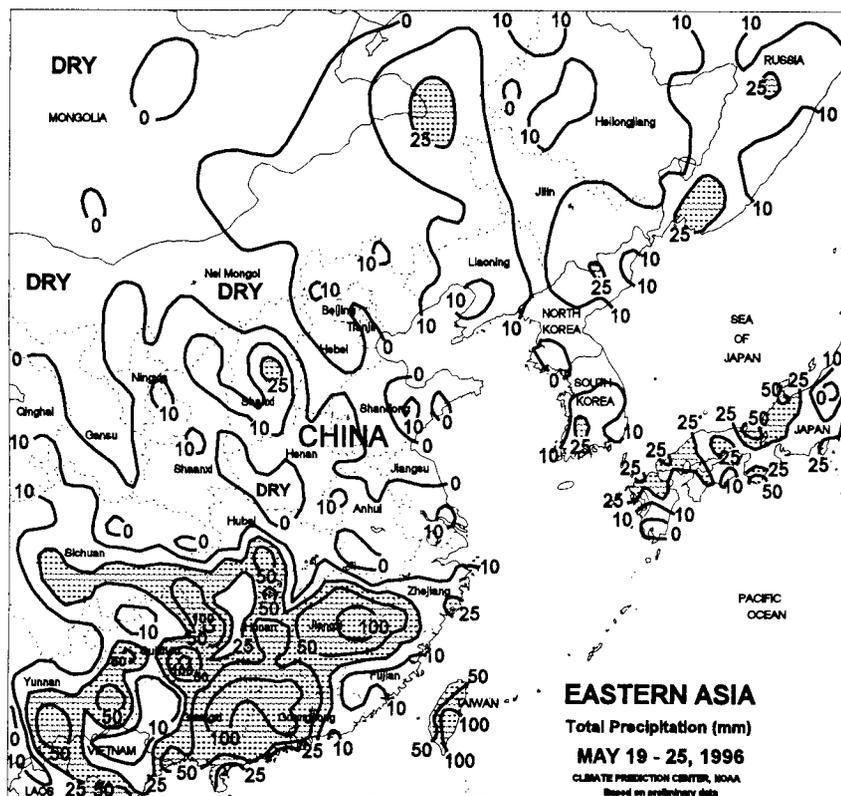
CANADA

Early-week showers (10-25 mm or more) and unseasonable cold exacerbated fieldwork problems throughout Saskatchewan and Manitoba. The wettest areas continued to stretch from southeastern Saskatchewan into the Interlake region. The rain in northwestern Saskatchewan, a continuation from last week, has provided some relief, albeit untimely, from long-term dryness. At midweek, dry weather pushed into the region, with temperatures approaching seasonable levels by week's end. This spurred planting where possible, especially in the drier sections of the southwest. Weekly temperatures averaged 1 to 4 degrees C below normal, with a hard freeze (-2 degrees C or lower) in northeastern crop areas. The last spring freeze typically occurs in late May at most Prairie locations. Farther east, light to moderate rain (10-50 mm) fell throughout major crop areas of Ontario and Quebec. Temperatures averaged 1 to 4 degrees C above normal, aiding winter wheat development and warming topsoils for summer crop establishment.



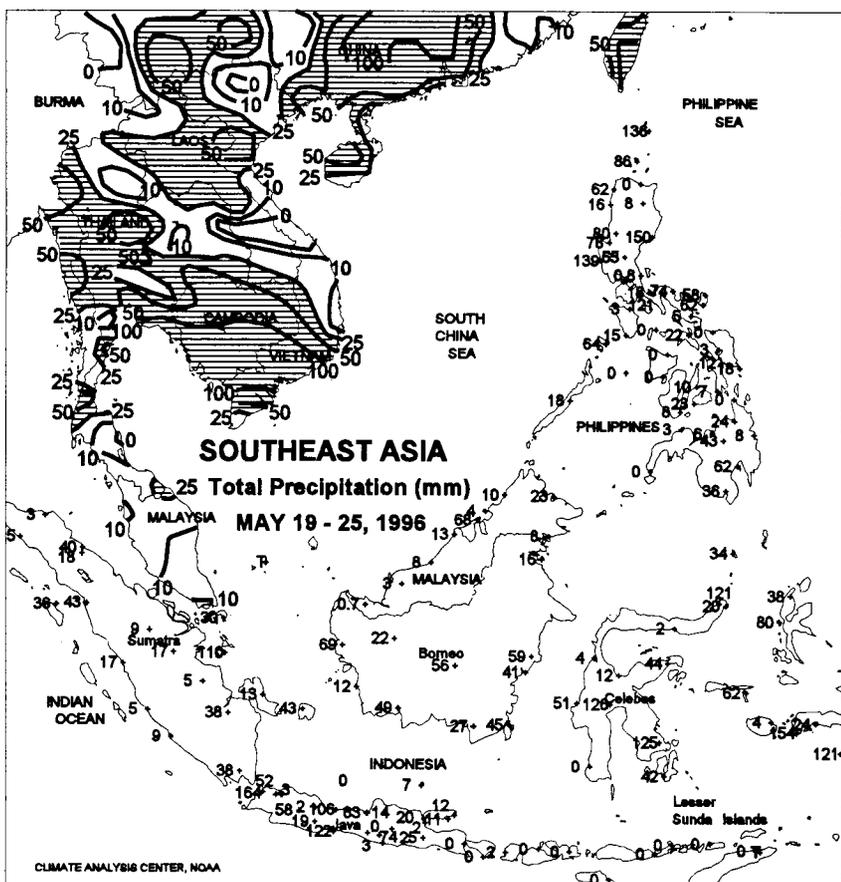
MEXICO

Warm weather (4-6 degrees C above normal; maximum temperatures 38-42 degrees C) continued to reduce water supplies across northern Mexico (Chihuahua and Coahuila). Cooler weather (1-2 degrees above normal) brought some relief to northwestern Mexico. Across the corn belt, dry weather aided planting, but the rainy season is somewhat delayed.



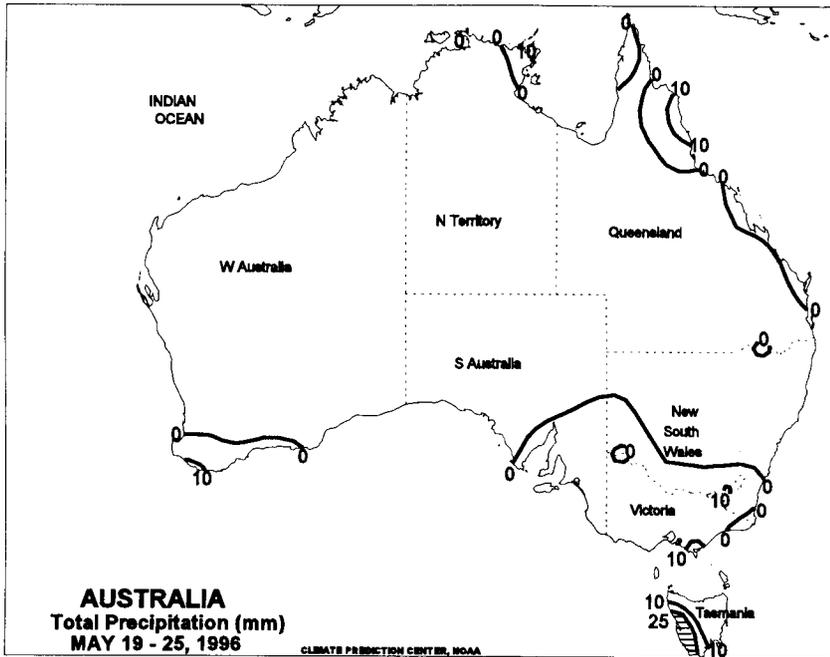
EASTERN ASIA

Dryness continued across the North China Plain, which received little or no rainfall during the past 3 weeks. Rain is needed for rainfed crops as moisture supplies should be adequate for irrigated crops. The dry weather favored summer crop planting and filling to maturing winter wheat. Temperatures averaged 1 to 3 degrees C above normal, increasing evaporation rates. Only Shanxi and northern Shaanxi received significant rain (5-30 mm). In Manchuria, seasonable rain (5-20 mm) benefited germinating spring wheat and summer crops. Showers (10-60 mm) were confined to areas south of the Yangtze Valley, increasing moisture supplies. Eastern Guangxi, western Guangdong, and Jiangxi received heavier showers (80-125 mm) favoring reproductive to filling early double-crop rice. Temperatures averaged near normal across southern China. Across the Korean Peninsula and Japan, rain (5-35 mm) benefited germinating rice. Tropical Storm Cam brushed southeastern Taiwan, producing heavy rain (75-200 mm) and local flooding.



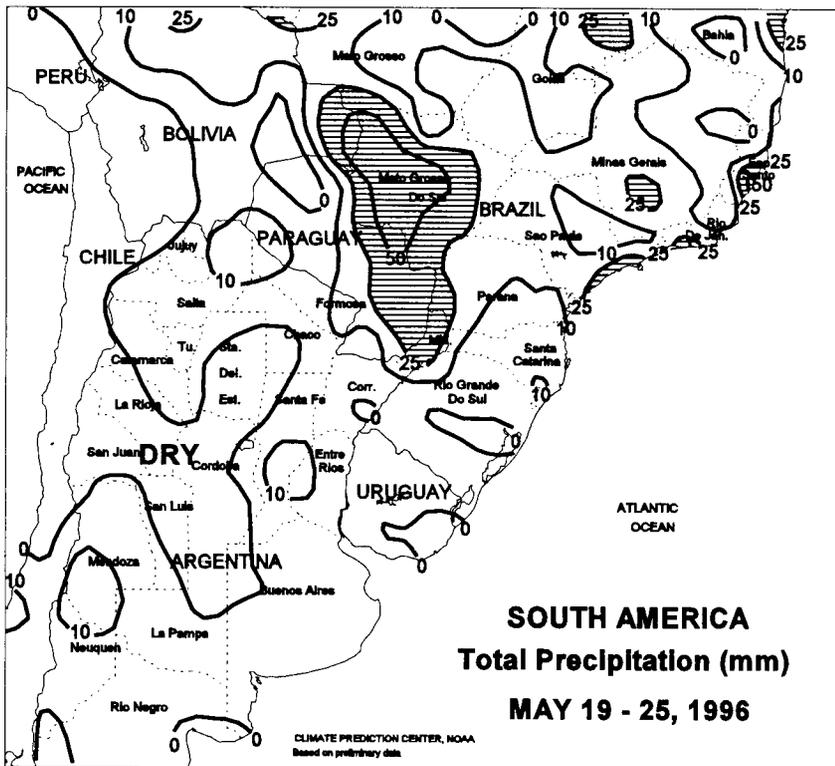
SOUTHEAST ASIA

Variable showers (20-125 mm) slowed main-season rice harvesting across Java. In Thailand, seasonable showers (10-80 mm) maintained irrigation supplies for rice. Heavy showers (100-130 mm) covered southern Vietnam, slowing rice transplanting but boosting moisture supplies. In the Philippines, showers (10-70 mm, with isolated amounts greater than 100 mm) benefited main-season crops. Lighter showers (less than 25 mm) fell across the east-central islands.



AUSTRALIA

Dry weather dominated the continent. In the east, winter grain planting progressed throughout Queensland and New South Wales, where soil moisture reserves favored crop establishment. However, below-normal temperatures, with some patchy frost, slowed emergence. The dryness along the eastern coast brought relief to southern sugarcane areas that were recently inundated by unusually heavy rain. Summer crop harvesting, primarily cotton and sorghum, were still underway. Pastures and rangelands from western Queensland to South Australia continued unfavorably dry but temperatures 1 to 2 degrees C below normal reduced evaporative losses. Elsewhere, winter grain areas of Western Australia and the southeast (South Australia and Victoria) await additional planting rains. In New Zealand, moderate to heavy rain (25-82 mm) covered North Island and South Island's northern pastures.



SOUTH AMERICA

Widespread freezing temperatures (-1 to -3 degrees C) ended the growing season across central Argentina. The freeze aided summer crop dry down and accelerated harvesting. All summer crops were mature, thus not damaged by the freeze. Typically, the first frost occurs between mid-May and early June in central Argentina. Additionally, dry weather favored fieldwork and, given the previous rain, winter wheat planting. In southern Brazil, light to moderate showers (10-50 mm) boosted topsoil moisture for wheat planting in northern Parana and Mato Grosso do Sul. However, dry weather again prevailed in the major wheat belt of eastern Parana southward into eastern Rio Grande do Sul. Across this region, rain is needed for wheat germination.

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Monthly Record Warmth, May 16-24, 1996

<u>Location</u>	<u>High/Date</u>	<u>Previous/Date</u>
Meade, KS	106°F, May 16, 18	105°F, May 27, 1974*
Dodge City, KS	105°F, May 16	102°F, May 24, 1967
Hugoton, KS	104°F, May 16	104°F, May 16, 1964
Amarillo, TX	103°F, May 16	102°F, May 25, 1953
Pueblo, CO	98°F, May 16	98°F, May 23, 1989*
Tribune, KS	102°F, May 18	101°F, May 26, 1992
Pueblo, CO	99°F, May 18	98°F, May 16, 1996*
Lubbock, TX	105°F, May 19, 22	104°F, May 4, 1947*
Lexington Park, MD	98°F, May 19	not available
Williamsport, PA	96°F, May 19, 20	96°F, May 30, 1895
Asheville, NC	93°F, May 19	91°F, May 30, 1969
Lexington Park, MD	100°F, May 20	98°F, May 19, 1996
Newark, NJ	99°F, May 20	98°F, May 22, 1992
Bridgeport, CT	97°F, May 20	92°F, May 29, 1987
Binghamton, NY	89°F, May 20	89°F, May 7, 1982
Wichita, KS	100°F, May 23	100°F, May 10, 1967*
Pinson, AL	97°F, May 23	96°F, May 28, 1962*
Huntsville, AL	96°F, May 24	96°F, not available
Umiat, AK	79°F, May 24	73°F, May 26, 1990

* Temperature was also observed on an earlier date (or dates).

Source: National Weather Service; compiled by the Joint Agricultural Weather Facility

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