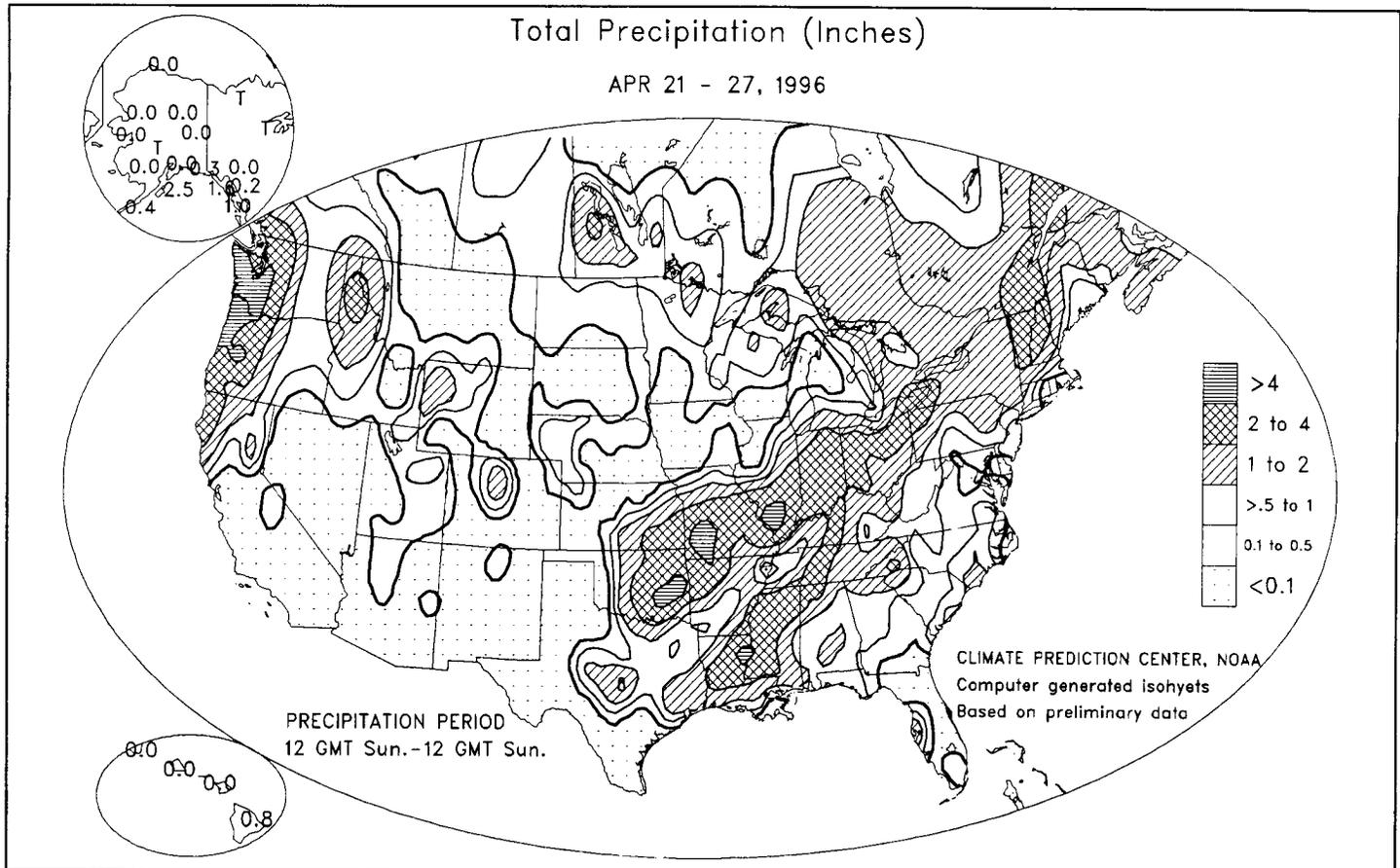


WEEKLY WEATHER AND CROP BULLETIN

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

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



HIGHLIGHTS

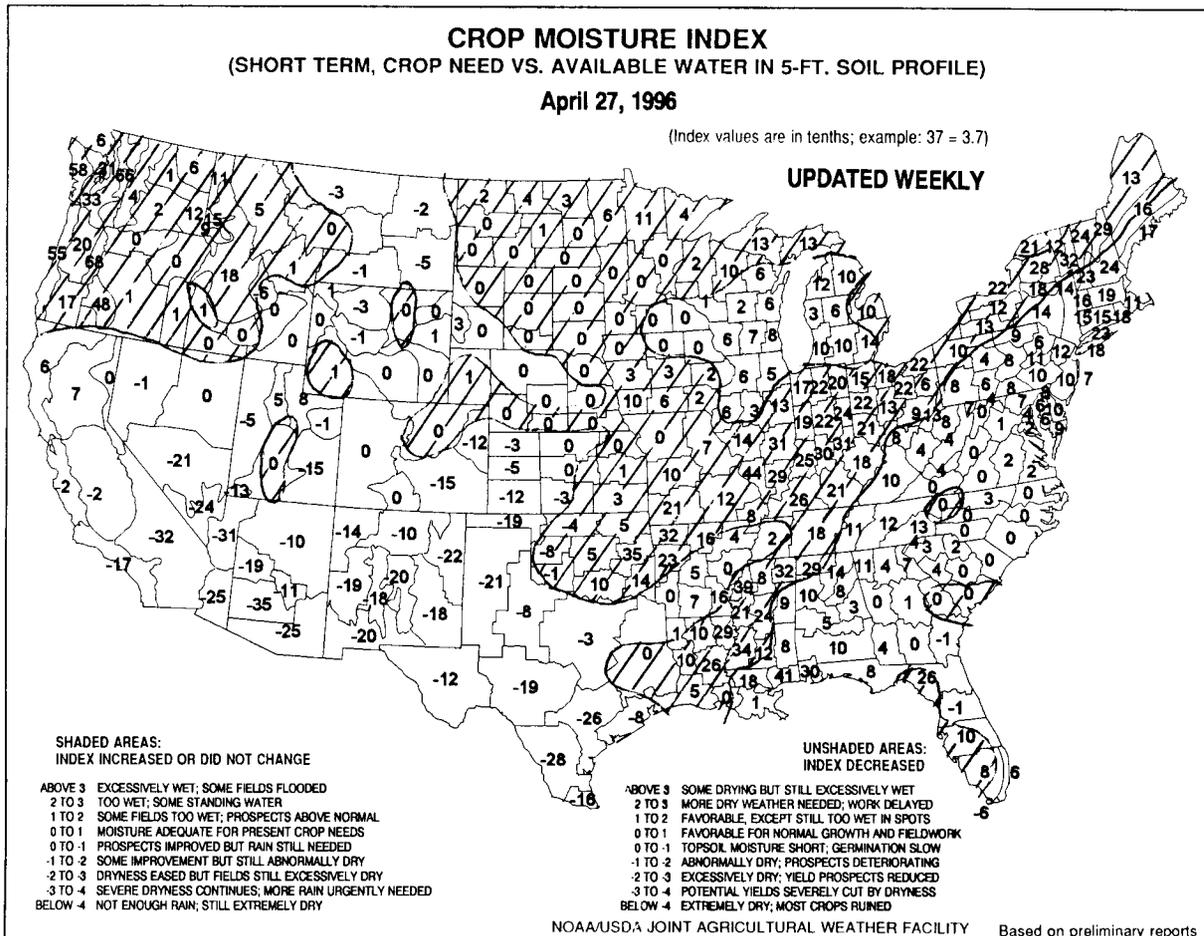
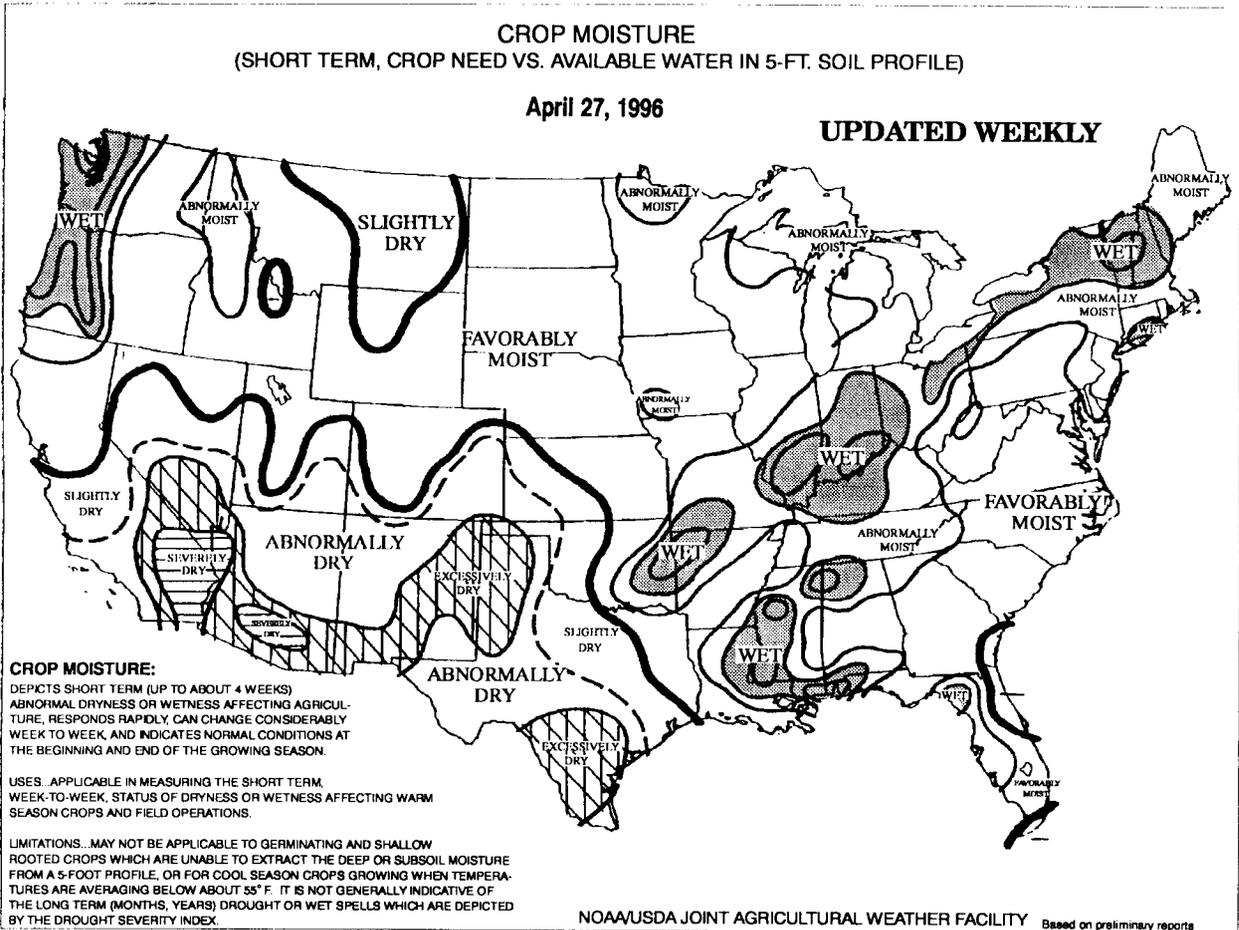
April 21 - 27, 1996

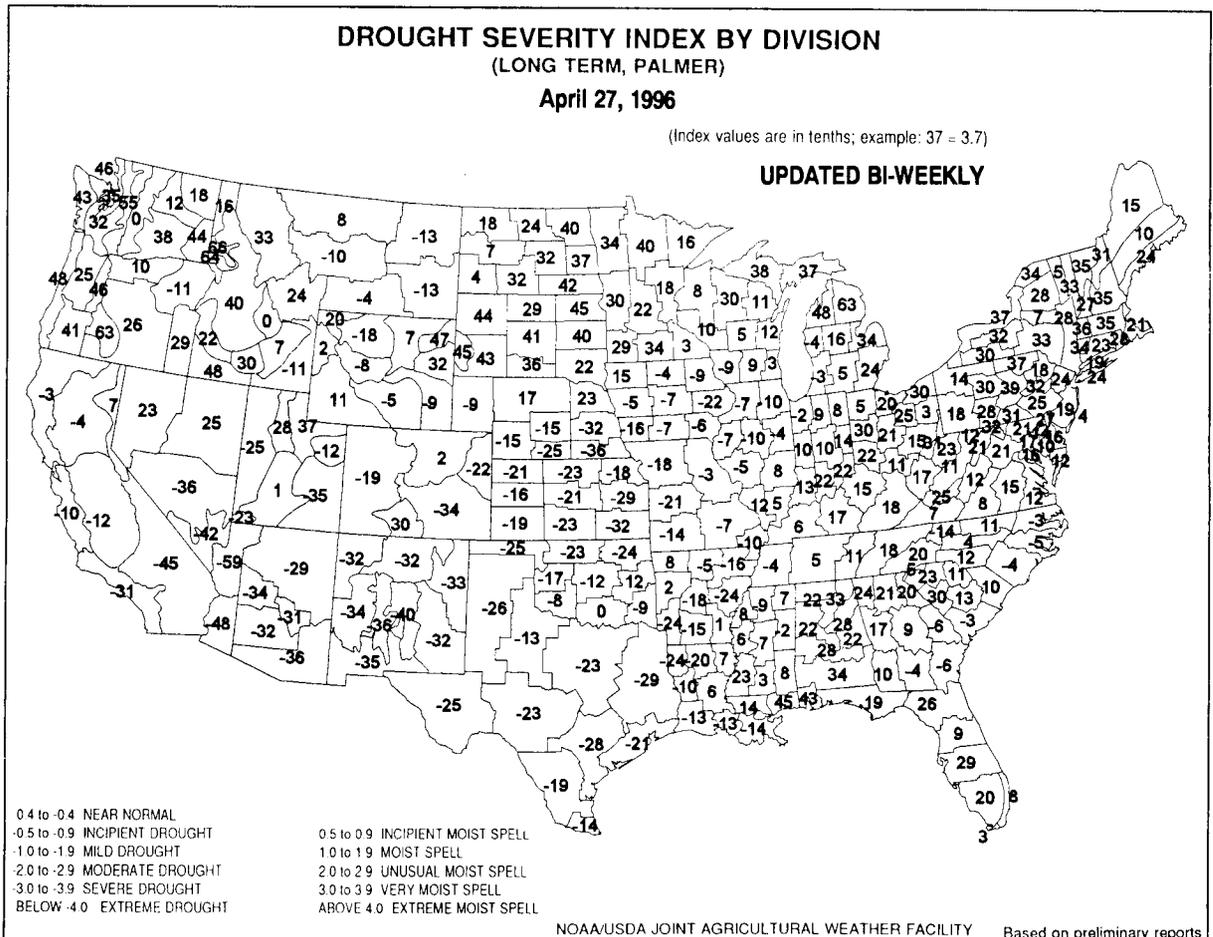
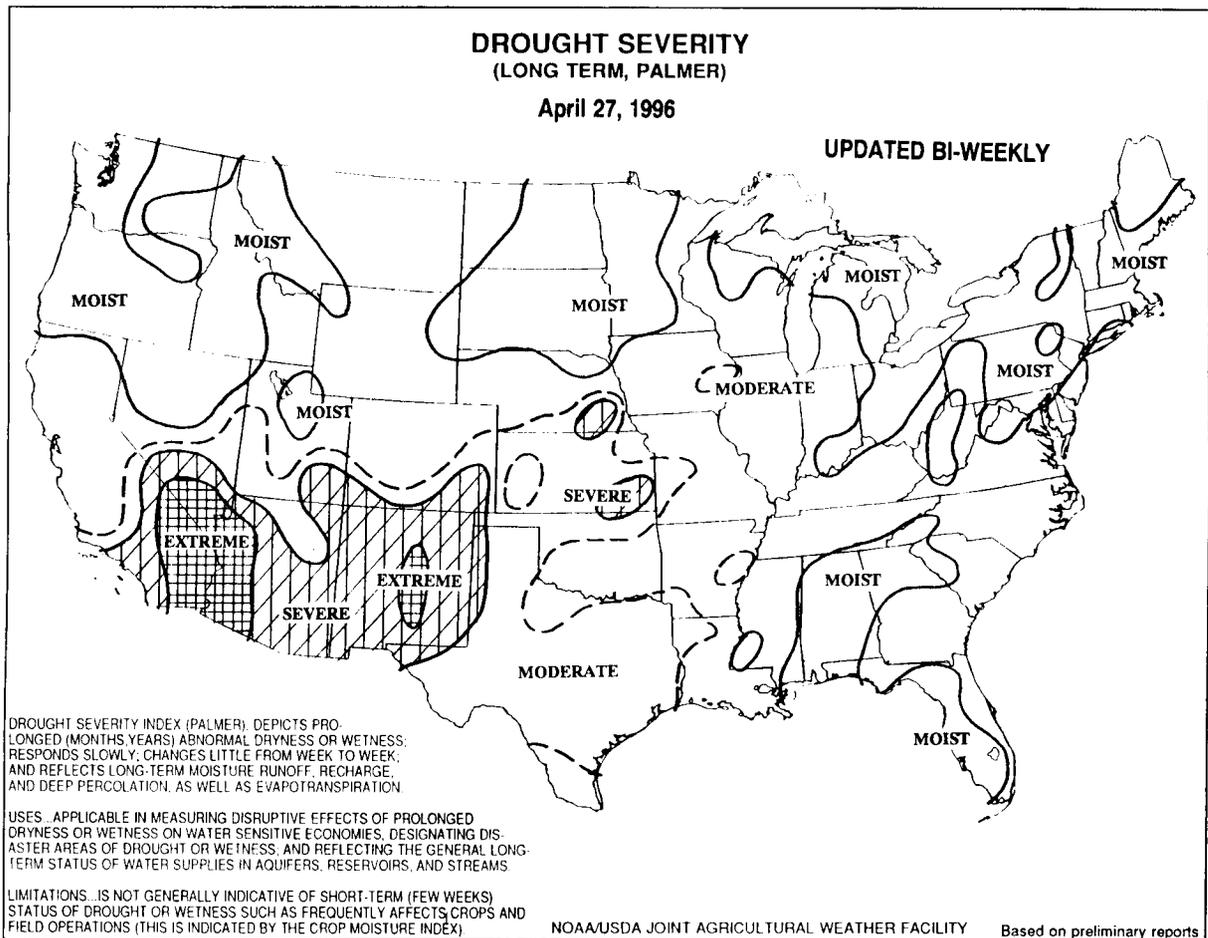
Dust, raised by winds of 50 mph or more, sharply reduced visibilities across parts of the Plains on April 25. The high winds were a manifestation of an atypically strong polar jet stream, embedded in which were a series of fast-moving storms. Early in the week, rain fell from eastern Oklahoma and the Delta to New England, while unusually heavy late-season rains soaked the Pacific Northwest. Between storms, cold air briefly overspread the Plains and Ohio Valley. More persistent cold gripped the Great Lakes region, where snowfall added to impressive seasonal totals. In contrast, a broad upper-level ridge stretched across the lower latitudes of eastern Pacific Ocean, inducing record heat from Hawaii to the Southwest.

(Continued on page 4)

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(Continued from front cover)

More than two dozen tornadoes touched down on Sunday from Arkansas to Texas, raising the Nation's April 19-21 total to more than 110, approximately normal for the entire month. Storm-total (April 21-23) rainfall, often accompanied by hail or strong thunderstorm winds, topped an inch from eastern Oklahoma to northern New England, with isolated 4-inch totals from southeastern Oklahoma to the southern Corn Belt. Farther west, Portland, OR collected a daily-record rainfall (1.20 inches) on Monday. No rain fell, however, in primary winter wheat areas from Kansas to Texas, extending the region's dry spell to 30 weeks.

On Monday, North Platte, NE noted a daily-record-tying low of 20°F. A day later, lows dipped below freezing as far south as Gage, OK (29°F), while daily records were established in Lincoln, NE (26°F) and Wichita Falls, TX (37°F). Meanwhile, a major windstorm struck the coastal Northwest on April 23, with gusts in western Oregon clocked to 116 mph in Cannon Beach and to 100 mph on Cape Blanco. High winds pushed inland on April 24, gusting to 66 mph in Pocatello, ID and 83 mph in Lander, WY. On Thursday, high winds lifted dust from dry and open fields across the central Plains and western Corn Belt. In Great Bend, KS, visibility dropped to three-quarters of a mile shortly after gusts reached 62 mph. Farther north, visibilities dropped to 2 miles at both Norfolk, NE (57 mph) and Sioux City, IA (63 mph). Closer to the storm's center, 9.6 inches of snow blanketed International Falls, MN on April 25, boosting their seasonal accumulation to a record-setting 116.0 inches. Farther east, the previous storm dropped an inch of snow on Cleveland, OH on Tuesday, pushing their seasonal total to an all-time record 101.1 inches.

At midweek, cool weather lingered across the Ohio Valley, where Cincinnati, OH logged 29°F. But heat intensified across the Southwest, including a daily-record high of 99°F in Tucson, AZ. Among more than three dozen daily records set between April 24-27 were April-record-tying highs of 76°F in Monticello, UT (on Wednesday), 98°F in Riverside (March A.F.B.), CA (Friday), and 101°F in Midland, TX (Saturday). Palm Springs, CA registered 111°F on Friday.

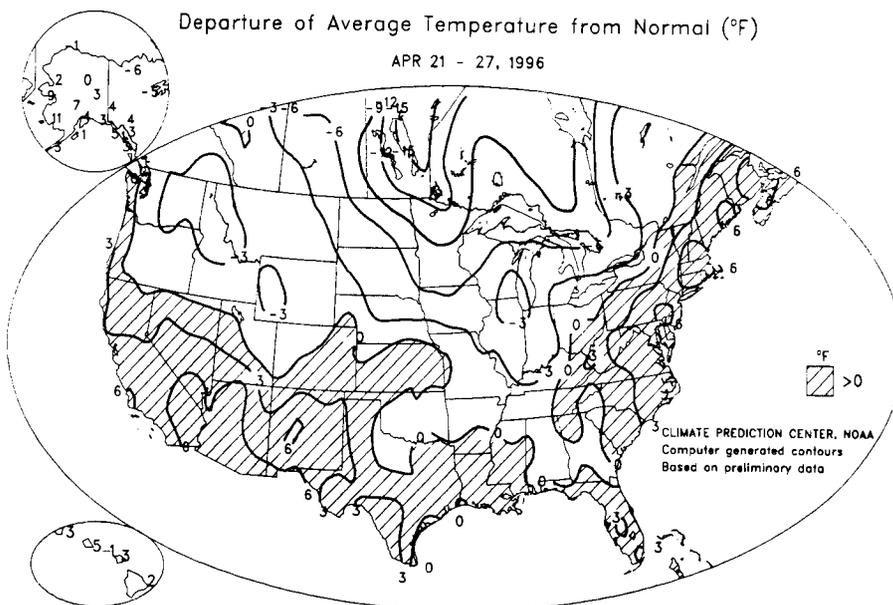
Temperatures also reached record-high levels in parts of Alaska and Hawaii. On Tuesday in Alaska, Bethel's high of 60°F was an April record and their earliest such reading, formerly set on May 2, 1995 and 1967. In Hawaii, Honolulu's weekly temperatures averaged 5°F above normal, continuing a run of April heat that has produced 20 daily-record highs in 26 days. Honolulu first tied their monthly record of 89°F--last attained in 1990--on April 7, then proceeded to break the mark with highs of 90°F on April 8, 23, and 25.

Dust Storm, April 25, 1996

Location	Min. Visibility	Peak Gust
Great Bend, KS	3/4 mile	62 mph
Alamosa, CO	1 3/4 miles	44 mph
Sioux City, IA	2 miles	63 mph
Norfolk, NE	2 miles	57 mph
Albuquerque, NM	2 miles	41 mph
Huron, SD	2 1/2 miles	59 mph
Amarillo, TX	3 miles	38 mph
Pierre, SD	4 miles	68 mph

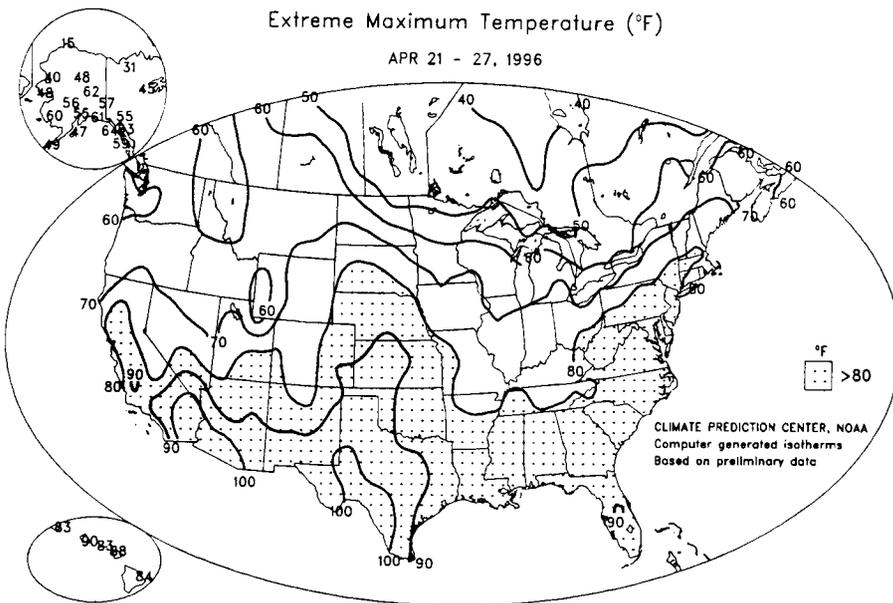
Departure of Average Temperature from Normal (°F)

APR 21 - 27, 1996



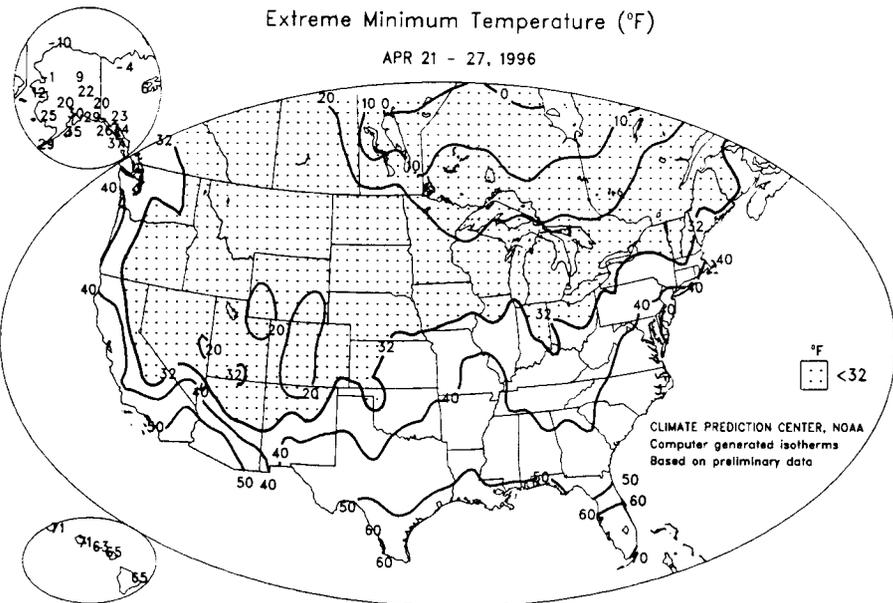
Extreme Maximum Temperature (°F)

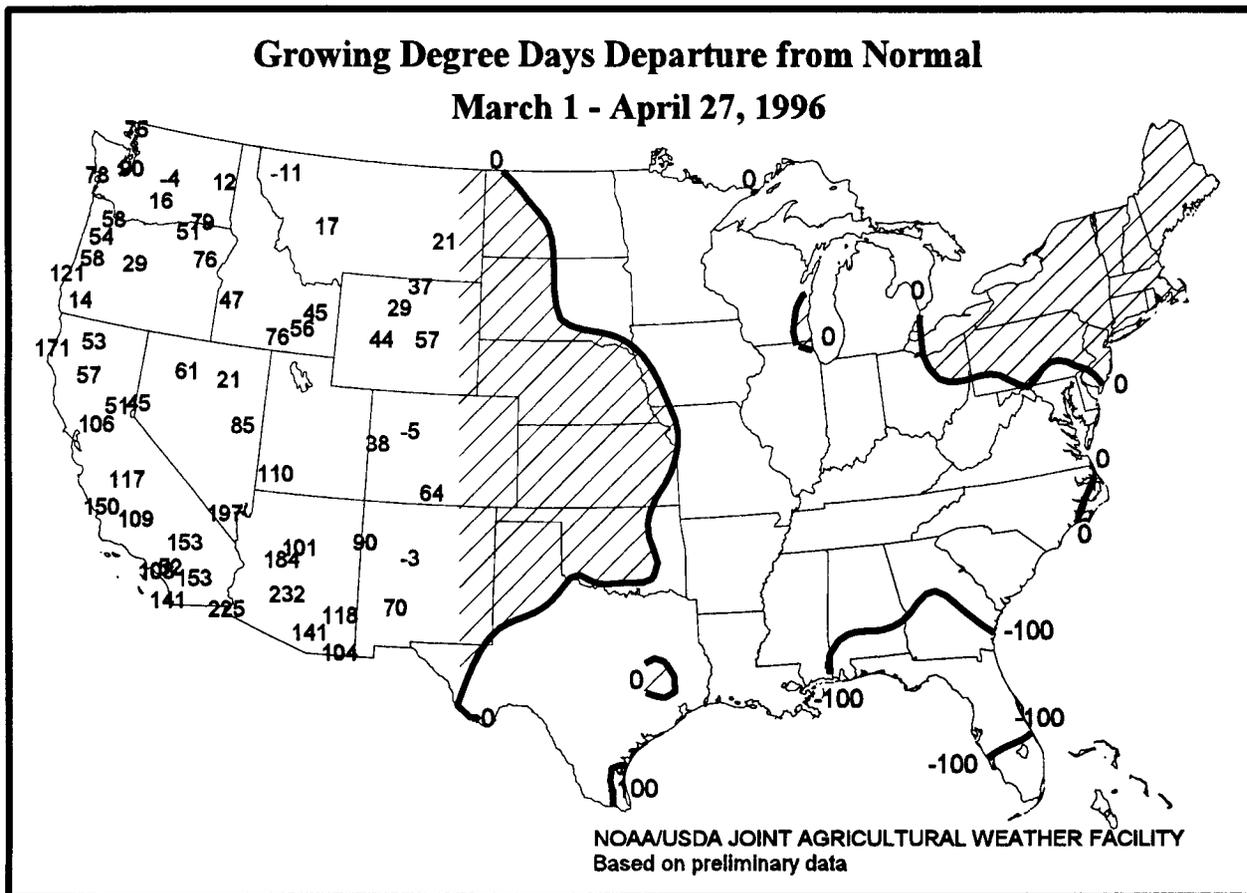
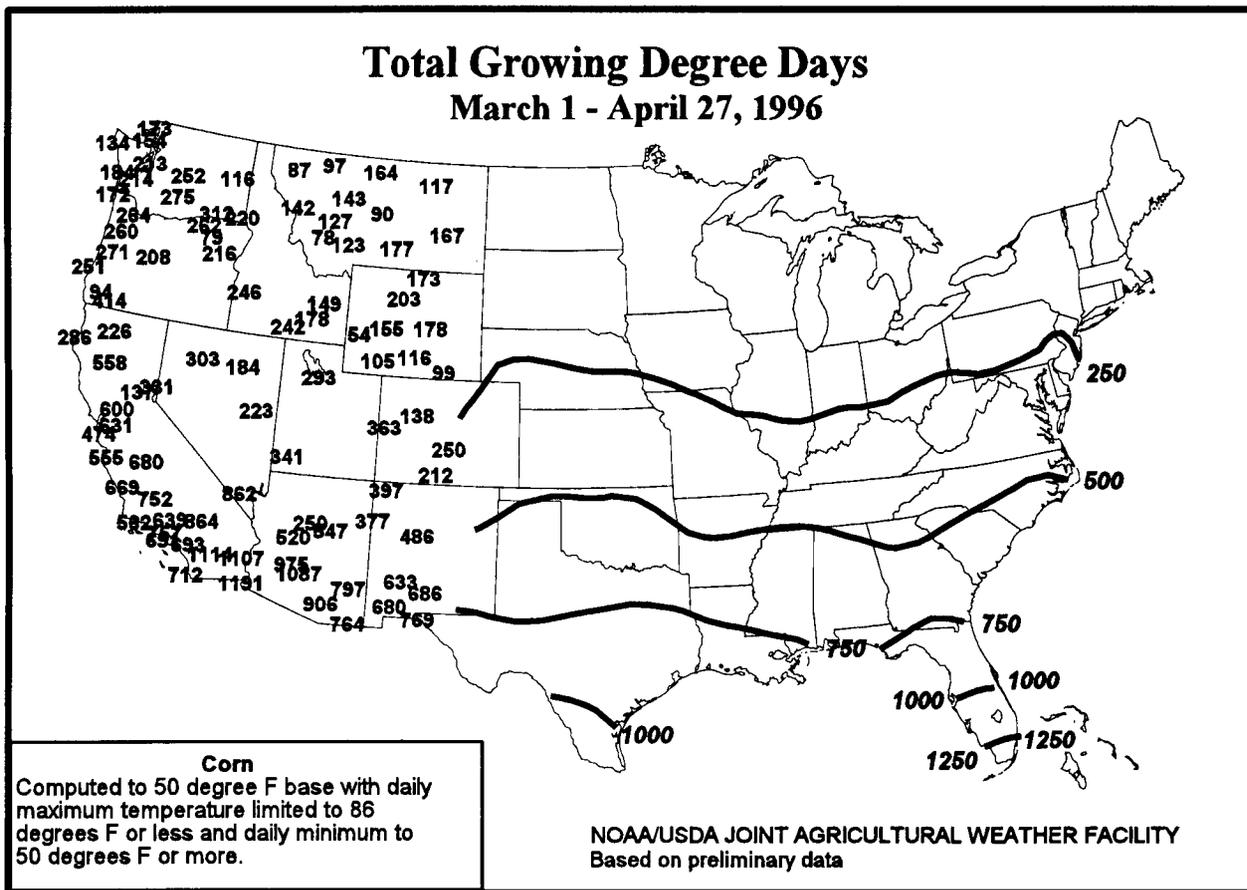
APR 21 - 27, 1996



Extreme Minimum Temperature (°F)

APR 21 - 27, 1996





National Weather Data for Selected Cities

Weather Data for the Week Ending April 27, 1996

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN. SINCE Mar 1	PCT. NORMAL SINCE Mar 1	TOTAL IN. SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.05 INCH OR MORE
AL BIRMINGHAM	78	50	82	40	64	0	0.28	-0.82	0.17	12.83	120	25.51	123	92	43	0	0	3	0
MOBILE	78	58	85	49	68	-2	1.06	0.04	1.06	12.89	123	23.32	112	96	54	0	0	1	1
MONTGOMERY	79	52	86	42	66	0	0.41	-0.50	0.31	11.57	114	22.79	111	95	40	0	0	2	0
AK ANCHORAGE	52	36	56	30	43	4	0.00	-0.17	0.00	0.51	38	3.02	103	76	41	0	3	0	0
BARROW	9	-3	15	-10	3	-1	0.00	-0.08	0.00	0.17	49	0.28	47	86	75	0	7	0	0
FAIRBANKS	54	27	82	22	40	3	0.00	-0.08	0.00	0.58	84	2.31	144	78	31	0	6	0	0
JUNEAU	53	37	63	34	46	3	..	..	..	..	..	..	..	92	54	0	0	0	0
KODIAK	44	37	47	35	41	1	2.55	1.51	0.88	11.21	134	16.15	78	94	69	0	0	7	2
NOME	38	25	48	12	32	10	0.00	-0.17	0.00	0.48	41	3.39	131	66	49	0	4	0	0
AZ PHOENIX	94	83	100	56	79	8	0.00	-0.03	0.00	0.56	50	1.81	73	25	7	5	0	0	0
PRESCOTT	81	46	89	36	64	12	0.00	-0.14	0.00	0.48	19	1.53	27	33	13	0	0	0	0
TUCSON	93	57	99	49	75	6	0.00	-0.08	0.00	0.32	33	1.13	44	20	7	5	0	0	0
YUMA	97	66	103	57	81	8	0.00	-0.03	0.00	0.43	119	0.61	66	37	8	6	0	0	0
AR FORT SMITH	78	49	82	44	64	0	3.55	2.58	3.54	9.01	120	13.42	110	79	35	0	0	2	1
LITTLE ROCK	..	..	..	..	..	..	0.35	-0.70	..	7.23	74	11.35	70	..	..	..	..	..	..
CA BAKERSFIELD	83	50	90	38	67	2	0.00	-0.10	0.00	0.80	39	4.15	119	80	27	1	0	0	0
EUREKA	81	47	87	41	54	4	1.55	1.05	1.28	8.31	105	27.15	144	91	44	0	0	3	1
FRESNO	82	52	88	43	67	4	0.00	-0.15	0.00	2.69	99	7.66	117	85	11	0	0	0	0
LOS ANGELES	73	57	78	52	65	4	0.00	-0.09	0.00	2.54	97	8.65	114	85	41	0	0	0	0
REDDING	73	50	84	41	61	1	0.13	-0.23	0.08	3.48	56	22.16	131	84	35	0	0	2	0
SACRAMENTO	77	52	87	41	64	4	0.00	-0.17	0.00	4.23	117	13.63	132	83	35	0	0	0	0
SAN DIEGO	72	58	79	55	65	3	0.00	-0.12	0.00	1.48	59	3.87	68	83	48	0	0	0	0
SAN FRANCISCO	71	51	78	48	61	5	0.00	-0.20	0.00	4.28	100	17.22	144	84	22	0	0	0	0
CO DENVER	67	35	84	24	51	0	0.00	-0.45	0.00	1.02	36	1.31	34	64	16	0	3	0	0
GRAND JUNCTION	71	39	82	25	56	-2	0.00	-0.22	0.00	1.33	69	3.06	101	52	18	0	2	0	0
PUEBLO	74	34	89	23	54	-1	0.00	-0.22	0.00	1.44	92	1.77	80	58	15	0	4	0	0
CT BRIDGEPORT	66	48	73	45	57	8	0.38	-0.50	0.22	10.08	141	18.51	137	83	42	0	0	2	0
HARTFORD	73	48	84	35	61	8	0.24	-0.68	0.18	5.80	82	15.89	113	79	31	0	0	2	0
DC WASHINGTON	75	52	87	45	63	4	0.15	-0.51	0.13	6.21	112	13.21	119	78	36	0	0	2	0
FL PANAMA CITY	77	61	81	53	69	1	0.90	0.11	0.90	10.28	116	16.47	85	98	61	0	0	1	1
DAYTONA BEACH	81	61	88	55	71	0	0.00	-0.54	0.00	13.07	269	19.98	184	98	52	0	0	0	0
JACKSONVILLE	83	57	88	45	70	0	0.00	-0.58	0.00	7.45	128	9.66	74	87	42	0	0	0	0
KEY WEST	83	74	85	69	78	0	0.00	-0.48	0.00	3.56	110	4.87	65	82	64	0	0	0	0
MIAMI	86	73	92	71	80	3	0.23	-0.58	0.23	4.52	92	7.64	84	79	49	1	0	1	0
ORLANDO	88	65	92	62	77	4	0.00	-0.42	0.00	9.83	206	18.75	164	92	49	2	0	0	0
TALLAHASSEE	83	54	89	43	68	0	0.05	-0.75	0.05	9.79	103	16.29	81	94	43	0	0	1	0
TAMPA	85	67	88	62	76	3	0.98	0.71	0.98	5.72	144	11.95	131	90	55	0	0	1	1
WEST PALM BEACH	85	71	87	67	78	2	0.00	-0.85	0.00	5.91	107	7.93	72	84	53	0	0	0	0
GA ATLANTA	79	54	84	43	66	2	0.58	-0.38	0.35	8.15	85	20.19	105	78	33	0	0	3	0
AUGUSTA	81	50	86	39	66	1	0.01	-0.73	0.01	5.39	71	10.83	68	96	40	0	0	1	0
MACON	79	51	84	40	65	-1	0.92	0.16	0.85	8.01	102	13.77	80	98	50	0	0	2	1
SAVANNAH	82	56	86	43	69	1	0.28	-0.45	0.26	4.99	77	8.36	62	95	39	0	0	1	0
HI HONOLOULU	83	67	84	65	75	2	0.80	-2.57	0.48	21.19	76	47.29	98	91	59	0	0	4	0
KAHULUI	86	69	88	65	78	3	0.00	-0.32	0.00	3.02	84	7.51	80	80	45	2	0	0	0
LIHUE	81	73	83	71	77	3	0.00	-0.78	0.00	6.90	158	12.41	108	79	54	0	0	0	0
ID BOISE	59	40	63	30	50	-2	0.42	0.14	0.28	3.29	135	5.22	105	82	35	0	1	3	0
LEWISTON	58	41	61	34	50	-3	0.62	0.34	0.28	3.88	186	7.16	166	92	43	0	0	4	0
POCATELLO	58	35	64	31	46	-2	0.00	-0.28	0.00	2.27	97	4.09	94	76	31	0	3	0	0
IL CHICAGO	81	39	88	32	50	-2	0.34	-0.51	0.19	3.11	52	5.30	59	86	46	0	1	2	0
MOLINE	63	40	70	31	52	-3	0.31	-0.65	0.31	2.70	41	6.11	65	82	32	0	2	1	0
PEORIA	62	41	68	31	52	-3	0.45	-0.48	0.31	4.16	65	6.41	68	72	35	0	1	3	0
QUINCY	63	43	74	36	53	-4	0.40	-0.53	0.28	2.36	36	5.12	54	72	35	0	0	2	0
ROCKFORD	61	38	71	29	50	-2	0.20	-0.68	0.17	1.92	33	3.83	46	83	35	0	1	2	0
SPRINGFIELD	63	43	73	34	53	-4	0.72	-0.13	0.37	4.44	68	6.96	70	84	43	0	0	3	0
IN EVANSVILLE	67	44	77	34	56	-5	1.83	0.87	1.28	8.97	103	13.93	91	88	49	0	0	3	1
FORT WAYNE	61	39	74	32	50	-2	1.58	0.78	1.04	4.64	78	8.41	86	89	40	0	2	4	1
INDIANAPOLIS	63	42	74	32	52	-3	2.11	1.24	0.96	7.83	110	12.85	107	91	54	0	1	4	2
SOUTH BEND	60	39	72	30	49	-3	1.35	0.48	1.13	4.13	63	7.87	73	88	42	0	2	4	1
IA DES MOINES	64	39	70	30	51	-3	0.00	-0.91	0.00	1.89	35	3.31	44	74	29	0	1	0	0
SIOUX CITY	65	33	79	25	49	-5	0.25	-0.36	0.13	1.94	48	3.00	56	83	29	0	4	2	0
WATERLOO	62	34	72	28	48	-4	0.00	-0.84	0.00	2.06	39	4.28	58	84	34	0	4	0	0
KS CONCORDIA	72	44	87	34	58	2	0.00	-0.83	0.00	1.09	26	1.84	29	58	21	0	0	0	0
DODGE CITY	77	41	92	33	59	1	0.04	-0.50	0.04	2.01	59	2.48	56	56	18	1	0	1	0
GOODLAND	71	34	88	26	52	0	0.00	-0.41	0.00	1.20	53	1.46	47	65	20	0	4	0	0
TOPEKA	70	47	84	33	59	1	0.53	-0.26	0.37	2.19	42	3.13	43	67	22	0	0	2	0
WICHITA	74	45	87	34	60	-1	0.35	-0.38	0.35	2.27	44	2.43	34	61	23	0	0	1	0
KY BOWLING GREEN	70	46	77	35	58	-2	1.02	0.02	0.79	10.59	118	19.56	115	97	46	0	0	3	1
LEXINGTON	67	43	76	32	56	-3	1.41	0.50	0.61	8.50	108	14.90	106	93	50	0	2	4	1
LOUISVILLE	70	46	78	36	58	-2	1.38	0.40	0.79	8.78	104	14.92	101	88	44	0	0	3	1
LA BATON ROUGE	81	59	86	49	70	-1	0.86	-0.41	0.53	11.61	120	20.31	100	98	51	0	0	2	1
LAKE CHARLES	80	61	84	52	71	0	0.83	-0.07	0.83	2.54	41	6.65	48	97	62	0	0	2	1
NEW ORLEANS	81	63	87	52	72	2	0.23	-0.81	0.12	6.22	70	12.50	62	92	50	0	0	2	0
SHREVEPORT	81	55	85	47	68	0	0.87	-0.14	0.87	5.31	70	8.07	50	90	40	0	0	1	1

Based on 1961-90 normals

Weather Data for the Week Ending April 27, 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		92 AND BELOW		.01 INCH OR MORE		.06 INCH OR MORE	
																TEMP, °F	PRECIP.						
ME CARIBOU	57	39	62	30	48	5	1.45	0.85	0.38	5.48	118	12.19	135	91	49	0	1	7	0				
ME PORTLAND	62	41	77	34	52	5	0.89	-0.05	0.89	8.78	119	16.70	118	92	45	0	0	3	1				
MD BALTIMORE	75	47	89	41	81	6	0.28	-0.48	0.16	6.79	110	15.96	128	87	38	0	0	2	0				
MD SALISBURY	74	48	86	37	81	5	0.45	-0.27	0.28	7.33	104	15.56	109	91	39	0	0	3	0				
MA BOSTON	69	49	80	44	59	8	0.33	-0.49	0.22	5.91	86	16.53	118	90	39	0	0	3	0				
MA CHATHAM	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MI ALPENA	51	29	60	21	40	-5	0.56	0.01	0.39	2.55	62	5.48	77	94	54	0	5	3	0				
MI DETROIT	62	38	72	28	50	-1	0.54	-0.15	0.40	4.26	82	7.88	90	82	41	0	3	4	0				
MI FLINT	58	34	71	25	46	-4	0.35	-0.34	0.25	3.85	80	7.15	95	87	46	0	4	3	0				
MI GRAND RAPIDS	57	37	70	29	47	-3	0.84	-0.18	0.30	3.26	57	5.23	58	87	45	0	4	4	0				
MI HOUGHTON LAKE	53	30	62	23	41	-5	0.27	-0.26	0.21	3.30	82	6.53	97	89	43	0	4	2	0				
MI LANSING	56	37	70	26	47	-2	0.78	0.07	0.66	4.27	88	5.85	77	86	46	0	4	2	1				
MI MARQUETTE	43	27	58	19	36	-7	1.06	0.43	0.77	6.94	136	15.09	185	91	57	0	6	2	1				
MI MUSKEGON	53	36	60	26	44	-4	0.56	-0.11	0.25	3.31	64	6.34	70	89	51	0	2	4	0				
MI SAULT ST. MARIE	40	28	49	22	34	-9	1.50	0.94	0.85	5.16	116	11.43	132	93	62	0	6	4	1				
MN ALEXANDRIA	50	29	61	26	40	-8	..	..	..	..	..	..	..	..	..	..	..	..	..
MN DULUTH	43	26	55	20	35	-8	0.46	-0.10	0.33	1.81	48	4.27	71	88	51	0	6	3	0				
MN INT'L FALLS	39	21	46	14	30	-14	1.37	0.95	1.08	2.12	85	5.36	133	90	55	0	7	3	1				
MN MINNEAPOLIS	57	31	66	24	44	-7	0.28	-0.34	0.11	2.16	52	4.26	71	78	33	0	4	4	0				
MN ROCHESTER	57	30	69	25	44	-8	0.40	-0.30	0.15	4.05	95	6.26	107	90	38	0	5	4	0				
MS GREENWOOD	80	56	84	48	68	1	..	..	..	..	..	..	..	..	..	..	..	..	..
MS JACKSON	80	56	85	48	68	1	2.22	0.95	1.57	14.63	134	25.50	119	91	39	0	0	3	2				
MS MERIDIAN	80	52	85	43	66	0	0.85	-0.52	0.33	11.78	101	21.09	94	98	39	0	0	4	0				
MO CAPE GIRARDEAU	69	50	77	44	59	-2	1.37	0.32	1.15	7.03	78	11.56	75	91	47	0	0	4	1				
MO COLUMBIA	68	46	80	40	56	-1	1.06	0.12	0.83	4.14	65	8.95	71	73	39	0	0	3	1				
MO KANSAS CITY	68	47	83	35	57	-1	0.64	-0.19	0.37	2.07	39	3.41	45	67	29	0	0	2	0				
MO SAINT LOUIS	68	49	79	45	59	-1	2.37	1.54	1.77	5.98	89	9.76	91	74	43	0	0	3	1				
MO SPRINGFIELD	69	43	78	37	56	-3	2.57	1.62	1.72	4.54	61	7.67	69	81	41	0	0	2	2				
MT BILLINGS	59	38	69	29	49	0	0.09	-0.38	0.06	1.73	63	3.14	73	66	28	0	1	2	0				
MT GLASGOW	57	33	64	28	45	-3	0.02	-0.20	0.02	0.88	66	1.29	78	84	34	0	3	1	0				
MT GREAT FALLS	56	33	64	24	44	-3	0.00	-0.39	0.00	2.00	85	2.59	67	75	25	0	3	0	0				
MT HAVRE	80	36	89	27	48	1	0.00	-0.28	0.00	1.21	81	2.15	89	79	27	0	3	0	0				
MT HELENA	55	34	65	23	44	-2	0.13	-0.14	0.13	1.46	91	2.01	75	82	31	0	3	1	0				
MT KALISPELL	51	36	57	27	44	-3	0.80	0.51	0.52	4.37	224	8.89	192	93	46	0	1	5	1				
MT MILES CITY	61	36	69	32	49	-1	0.00	-0.39	0.00	1.86	101	3.36	117	74	27	0	3	0	0				
MT MISSOULA	53	35	58	26	44	-3	0.49	0.23	0.43	3.13	172	6.02	154	88	36	0	2	5	0				
NE GRAND ISLAND	70	38	89	31	54	-1	0.00	-0.88	0.00	0.91	22	1.98	37	75	25	0	2	0	0				
NE LINCOLN	69	40	84	31	55	-1	0.00	-0.72	0.00	2.76	80	3.84	65	81	38	0	1	0	0				
NE NORFOLK	65	34	85	27	50	-4	0.09	-0.52	0.09	1.12	29	2.08	40	79	29	0	2	1	0				
NE NORTH PLATTE	68	33	88	20	51	-1	0.05	-0.51	0.05	0.74	25	1.24	32	79	27	0	3	1	0				
NE OMAHA	68	39	79	30	53	-2	0.02	-0.71	..	..	..	4.19	71	77	26	0	1	..	..		
NE SCOTTSBLUFF	64	31	84	22	48	-2	0.38	-0.06	0.20	1.85	74	2.67	77	85	28	0	5	4	0				
NE VALENTINE	63	32	83	24	48	-5	0.24	-0.33	0.13	1.45	45	2.13	50	87	32	0	4	2	0				
NV ELY	66	30	75	20	48	4	0.00	-0.25	0.00	1.37	74	2.82	87	70	18	0	5	0	0				
NV LAS VEGAS	89	59	97	44	74	7	0.00	-0.08	0.00	0.12	19	0.39	25	22	7	4	0	0	0				
NV RENO	68	36	75	23	52	1	0.00	-0.09	0.00	1.87	182	4.98	159	70	18	0	2	0	0				
NV WINNEMUCCA	65	35	70	21	50	1	0.00	-0.19	0.00	1.48	96	4.23	144	68	22	0	3	0	0				
NH CONCORD	69	40	80	28	54	7	0.85	0.16	0.41	6.88	129	14.32	137	92	32	0	2	3	0				
NJ ATLANTIC CITY	70	48	81	35	59	8	0.26	-0.57	0.15	8.97	131	14.37	107	84	42	0	0	2	0				
NM ALBUQUERQUE	80	49	88	40	65	7	0.00	-0.11	0.00	0.04	4	0.39	21	21	7	0	0	0	0				
NM CLOVIS	82	47	94	37	64	5	0.00	-0.24	0.00	0.05	4	0.41	18	44	9	2	0	0	0				
NM ROSWELL	87	51	98	44	69	5	..	..	..	..	..	..	..	..	..	..	..	..	..
NY ALBANY	67	42	82	32	55	4	1.26	0.54	0.60	6.44	114	10.41	100	91	39	0	1	4	2				
NY BINGHAMTON	62	36	78	29	49	1	0.89	0.15	0.35	7.10	126	11.20	107	91	40	0	2	3	0				
NY BUFFALO	56	36	68	31	46	-3	2.16	1.47	1.27	8.20	155	12.87	124	92	57	0	2	3	2				
NY NEW YORK	70	52	80	46	61	6	0.33	-0.55	0.20	8.46	121	14.68	113	78	36	0	0	2	0				
NY ROCHESTER	60	36	72	32	48	-2	1.69	1.06	0.82	6.15	132	10.95	123	93	56	0	1	3	2				
NY SYRACUSE	61	37	78	33	49	0	1.12	0.32	0.45	5.32	92	9.71	94	88	45	0	0	4	0				
NC ASHEVILLE	73	45	79	37	59	1	0.78	-0.10	0.66	4.71	52	14.63	83	86	34	0	0	3	1				
NC CHARLOTTE	75	51	84	42	63	1	0.51	-0.10	0.46	6.59	97	13.20	91	88	40	0	0	2	0				
NC GREENSBORO	74	49	83	41	62	1	0.35	-0.33	0.34	7.34	118	13.67	106	87	37								

Weather Data for the Week Ending April 27, 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	92 AND BELOW	.01 INCH OR MORE	.05 INCH OR MORE	
OK TOLEDO	82	40	74	31	51	-1	2.42	1.73	2.26	6.52	122	9.35	105	85	42	0	2	2	1	
OK YOUNGSTOWN	83	38	78	30	51	0	1.59	0.87	0.80	6.61	112	11.32	111	86	47	0	2	3	2	
OK OKLAHOMA CITY	75	50	82	37	62	-1	1.85	1.09	1.39	4.17	81	4.27	54	73	38	0	0	2	1	
OR TULSA	74	50	81	40	62	-2	1.30	0.34	0.86	3.39	50	4.02	39	69	34	0	0	2	2	
OR ASTORIA	55	46	58	43	51	1	5.16	4.25	2.03	15.15	135	38.77	134	93	68	0	0	6	3	
OR BURNS	58	32	64	21	44	-1	0.49	0.34	0.21	2.48	173	5.49	164	91	43	0	4	3	0	
OR MEDFORD	65	43	71	36	54	1	0.63	0.38	0.33	2.91	101	11.29	150	87	30	0	0	3	0	
OR PENDELTON	60	40	67	31	50	-3	0.74	0.49	0.46	2.74	128	6.20	129	89	39	0	1	3	0	
OR PORTLAND	58	46	61	41	52	0	2.96	2.48	1.30	8.97	158	26.43	170	92	55	0	0	6	2	
OR SALEM	59	44	61	37	51	1	2.32	1.84	0.88	8.13	129	29.39	174	94	58	0	0	5	2	
PA ALLENTOWN	71	44	83	36	58	5	0.21	-0.66	0.17	8.25	128	16.57	131	82	33	0	0	2	0	
PA ERIE	62	39	75	32	50	1	2.43	1.66	1.32	6.97	118	12.28	117	89	54	0	1	3	2	
PA HARRISBURG	70	47	86	40	59	4	0.21	-0.59	0.13	6.73	109	14.16	119	79	35	0	0	2	0	
PA PHILADELPHIA	72	50	82	43	61	6	0.29	-0.64	0.22	7.66	110	12.68	93	86	42	0	0	2	0	
PA PITTSBURGH	67	42	82	34	55	2	0.99	0.25	0.67	7.88	126	14.13	125	78	42	0	0	2	1	
PA SCRANTON	68	44	83	37	56	5	0.59	-0.15	0.38	6.01	115	13.80	144	89	38	0	0	2	0	
RI PROVIDENCE	69	47	81	40	58	8	0.14	-0.90	0.08	7.30	94	14.44	94	88	40	0	0	3	0	
SC CHARLESTON	80	57	85	46	69	1	0.75	0.16	0.75	5.03	75	7.44	55	91	43	0	0	1	1	
SC COLUMBIA	81	54	89	44	68	2	0.36	-0.36	0.33	7.95	102	12.05	73	91	32	0	0	2	0	
SC FLORENCE	80	55	86	44	67	2	0.04	-0.57	0.04	3.82	80	8.21	61	96	37	0	0	1	0	
SC GREENVILLE	75	49	82	41	62	0	0.69	-0.18	0.49	10.13	115	19.44	111	90	42	0	0	3	0	
SD ABERDEEN	57	30	74	24	44	-5	0.01	-0.49	0.01	0.99	36	3.07	76	84	36	0	5	1	0	
SD HURON	60	31	78	26	45	-5	0.00	-0.54	0.00	0.81	23	2.18	46	84	34	0	5	0	0	
SD RAPID CITY	61	31	81	24	46	-2	0.05	-0.46	0.03	2.64	96	3.52	96	77	34	0	4	2	0	
SD SIOUX FALLS	62	28	78	20	45	-8	0.16	-0.48	0.16	1.31	33	2.48	48	89	37	0	5	1	0	
TN CHATTANOOGA	75	47	82	39	61	0	0.93	-0.01	0.80	12.27	124	21.89	111	84	37	0	0	2	1	
TN KNOXVILLE	72	47	80	39	60	0	1.24	0.41	1.02	8.58	102	18.78	112	89	39	0	0	3	1	
TN MEMPHIS	74	55	78	47	65	-1	0.92	-0.34	0.80	7.48	72	15.70	84	81	41	0	0	3	1	
TN NASHVILLE	73	48	79	38	61	-1	1.39	0.38	0.82	8.22	94	14.62	90	83	37	0	0	4	1	
TX ABILENE	83	53	91	40	68	0	0.52	0.00	0.49	3.82	125	4.57	87	75	21	1	0	2	0	
TX AMARILLO	79	44	94	34	61	1	0.00	-0.29	0.00	0.24	13	0.55	19	47	15	1	0	0	0	
TX AUSTIN	86	60	95	48	73	2	0.22	-0.52	0.22	1.56	38	2.22	28	93	39	2	0	1	0	
TX BEAUMONT	80	62	83	51	71	0	0.62	-0.32	0.82	1.66	26	5.33	36	96	62	0	0	1	1	
TX BROWNSVILLE	86	67	89	53	77	-1	0.03	-0.46	0.03	0.15	8	0.36	8	92	42	0	0	1	0	
TX CORPUS CHRISTI	85	63	93	53	74	0	0.05	-0.47	0.05	1.40	57	1.49	24	92	46	1	0	1	0	
TX DEL RIO	93	63	103	51	78	5	0.07	-0.57	0.07	0.70	22	1.10	19	67	18	5	0	1	0	
TX EL PASO	88	58	96	47	73	7	0.00	-0.08	0.00	0.80	160	1.11	83	18	8	4	0	0	0	
TX FORT WORTH	82	54	89	47	68	2	0.49	-0.49	0.49	4.50	71	5.78	54	80	37	0	0	1	0	
TX GALVESTON	77	69	79	61	73	1	0.00	-0.63	0.00	0.99	23	1.76	18	88	69	0	0	0	0	
TX HOUSTON	83	62	87	49	73	2	1.50	0.59	1.50	1.83	29	4.00	29	92	47	0	0	1	1	
TX LUBBOCK	84	48	97	41	66	2	0.00	-0.29	0.00	0.18	11	0.48	18	57	10	3	0	0	0	
TX MIDLAND	88	53	101	44	71	3	0.00	-0.26	0.00	1.33	119	1.41	65	65	9	4	0	0	0	
TX SAN ANGELO	86	53	99	42	70	0	0.34	-0.15	0.34	2.66	111	2.96	69	74	23	2	0	1	0	
TX SAN ANTONIO	88	61	98	46	75	3	0.09	-0.62	0.09	0.83	22	1.52	21	84	29	3	0	1	0	
TX VICTORIA	84	61	88	50	72	1	0.00	-0.74	0.00	0.63	14	0.95	9	93	46	0	0	0	0	
TX WACO	84	54	94	46	69	-1	0.98	0.13	0.98	3.54	68	4.54	51	89	39	2	0	1	1	
TX WICHITA FALLS	81	49	89	41	65	-1	0.05	-0.73	0.04	2.03	40	2.13	25	72	29	0	0	2	0	
UT CEDAR CITY	71	37	79	26	54	4	0.00	-0.23	0.00	1.94	83	3.56	90	63	15	0	2	0	0	
UT SALT LAKE CITY	62	41	72	31	52	-1	0.00	-0.50	0.00	4.85	126	9.49	152	70	29	0	1	0	0	
VT BURLINGTON	60	41	71	32	50	2	1.85	1.17	0.89	6.80	140	11.13	136	92	44	0	1	6	1	
VA NORFOLK	75	54	87	47	65	5	0.35	-0.37	0.27	7.65	119	16.16	117	89	44	0	0	2	0	
VA RICHMOND	75	51	88	43	63	3	0.23	-0.47	0.12	5.11	82	10.52	82	87	25	0	0	2	0	
VA ROANOKE	75	49	85	41	62	3	0.21	-0.57	0.10	4.61	72	13.61	112	72	31	0	0	3	0	
WA QUILLAYUTE	55	43	62	36	49	1	4.37	2.86	1.28	17.90	98	43.72	96	94	59	0	0	6	4	
WA SEATTLE-TACOMA	56	44	80	41	50	-1	3.42	2.95	2.05	7.30	130	22.97	152	92	58	0	0	5	2	
WA SPOKANE	53	34	56	26	44	-5	1.10	0.82	0.79	3.86	151	8.86	148	95	54	0	3	4	1	
WA YAKIMA	60	36	66	28	48	-4	0.09	-0.02	0.07	0.80	71	3.91	127	83	40	0	3	2	0	
WV BECKLEY	69	44	78	35	56	2	0.47	-0.35	0.31	6.70	104	15.07	121	79	36	0	0	3	0	
WV CHARLESTON	72	46	84	38	59	2	0.66	-0.13	0.41	7.43	113	15.30	121	78	33	0	0	2	0	
WV HUNTINGTON	73	47	85	35	60	5	1.07	0.20	0.62	8.38	124	16.15	125	85	33	0	0	2	1	
WV PARKERSBURG	71	44	83	33	57	0	0.74	-0.09	0.39	6.11	87	14.30	108	81	38	0	0	2	0	
WI GREEN BAY	58	35	65	26	46	-2	0.31	-0.27	0.28	4.26	101	6.80	105	82	40	0	3	2	0	
WI LACROSSE	61	36	72	30	48	-4	0.29	-0.43	--	3.55	78	6.99	109	81	29	0	1	-	-	
WI MADISON	59	35	69	26	47	-3	0.05	-0.72	0.04	2.63	52	5.69	78	88	38	0	2	2	0	
WI MILWAUKEE	57	38	66	32	48	0	0.04	-0.77	0.04	2.92	50	4.91	55	82	40	0	1	1	0	
WI WAUSAU	55	32	64	25	44	-5	0.48	-0.22	0.48	3.08	69	5.69	90	85	29	0	4	1	0	
WY CASPER	57	29	74	23	43	-3	0.08	-0.34	0.04	1.43	61	2.82	75	75	34	0	6	2	0	
WY CHEYENNE	58	31	76	20	45	-1	0.02	-0.36	0.02	2.58	114	3.17	104	70	24	0	4	1	0	
WY LANDER	58	30	66	23	43	-3	0.16	-0.38	0.09	2.29	75	3.51	85	70	29	0	6	2	0	
WY SHERIDAN	56	34	73	31	46	0	0.28	-0.18	0.19	2.82	104	3.45	88	78	31	0	3	3	0	
PR SAN JUAN	85	74	86	72	79	-1	0.75	-0.30	0.31	6.44	113	14.65	136	84	59	0	0	5	0	

Based on 1961-90 normals

National Agricultural Summary

April 22 - 28, 1996

HIGHLIGHTS

A band of rain showers originated over the central Great Plains and extended to the eastern Corn Belt, but missed the critically dry wheat region in the Texas High Plains and western Kansas. A second storm system brought damaging wind that caused soil erosion and blew out many marginal wheat fields in the central Great Plains. Reports of poor wheat fields being tilled continued as producers contemplate replanting to higher-priced row crops. The continued lack of soil moisture in the southern Great Plains stressed small grain fields. Cold weather in the Great Lakes region slowed field-

work. Windy weather in the Dakotas helped dry saturated fields, but planting was delayed for many small grains. Showers and thunderstorms left some fields too wet in the upper Delta and slowed fieldwork. Reports of increased insect activity and diseases across the Southeastern States raised producers' concern. Small grains rapidly turned color across the Southwestern States due to high temperatures. The weekend rain over the Corn Belt brought needed pre-planting moisture for row crops but left saturated fields, slowing planting progress.

The Nation's **winter wheat** crop was in mostly fair to poor condition with 13 percent (%) of the acreage heading. In Illinois, wheat condition remained mostly very poor to poor. Winter wheat condition in Texas remained mostly poor to very poor despite favorable rain in central Texas. Warm weather caused wheat to green and develop, revealing the effects of winterkill in the middle Mississippi and Ohio Valleys. Wheat fields in the Corn Belt with severe winterkill were tilled and replanted to corn. Insect activity and some wheat disease problems were reported across the Southeastern States and parts of the central Great Plains.

Spring wheat seeding was 10% complete, up 6 points from last week but 25 points below the average. Spring wheat planting in South Dakota at 34% complete was 24 percentage points behind the 5-year average due to saturated fields and cool weather. Wet fields and low soil temperatures prevented farmers from planting small grains in the Dakotas. In Minnesota, 3% of the acreage was seeded, 31 points behind the average.

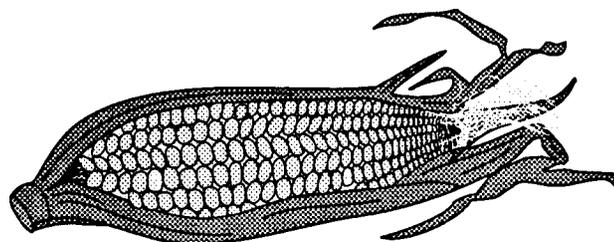
Corn planted was 22% complete for the 17 major producing States, up 13 points from the previous week and 6 points ahead of the 5-year average. Corn planting progress in Iowa at 23% complete was up 21 points from last week, despite some producers who were waiting for warmer soil temperatures. Corn planting in Missouri surged before the weekend storm slowed field activity to 69% complete, 40 points ahead of normal. Wet fields and low temperatures limited corn planting in Illinois.

Cotton planting was 19% complete, up 6 points from last week, but 6 points behind the average for the Nation. Cotton planting was behind normal in the Delta and Southeastern States, where some producers chose to plant row crops first. Excessive rain and cool soil temperatures slowed cotton planting in the Delta. Cotton planting in Louisiana and Mississippi was 6 and 4% complete respectively, up 2 points from last week but over 20

points behind the average. Texas cotton planting progressed to 17% complete, up 2 points from last week, 2 points behind normal. Cotton producers in the Texas High Plains prepared fields and applied pre-planting herbicides.

Sorghum planting was 18% complete for the 12 major producing States, up 2 points from last week but 1 point below the average. In Texas, sorghum planting passed the halfway mark, 7 points behind normal. The continued dry soil conditions slowed planting progress in Texas, where some fields were replanted.

Rice seeding was 48% complete, up 13 points from last week and 3 points ahead of the average for the five major producing States. Louisiana rice producers began aerial application of herbicides. Texas rice planting neared completion along the Texas upper coast. Rice planting in Texas was 79% complete, up 9 points from last week and 12 points ahead of the average. Emerged rice fields in Texas were flushed.



Crop Progress and Condition

Week Ending April 28, 1996

Winter Wheat Percent Headed

	Apr 28 1996	Prev Week	Prev Year	5-Yr Avg
AR	36	15	85	58
CA	95	90	94	92
CO	0	0	0	0
GA	71	39	93	86
ID	0	0	0	0
IL	0	0	1	0
IN	0	0	1	0
KS	0	0	5	7
MI	0	0	0	0
MO	0	0	15	6
MT	0	0	0	0
NE	0	0	0	0
NC	33	9	61	65
OH	0	0	4	1
OK	27	6	54	55
OR	0	0	0	0
SD	0	0	0	0
TX	43	27	41	42
WA	0	0	0	0
ALL	13	6	21	20

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

Corn Percent Planted

	Apr 28 1996	Prev Week	Prev Year	5-Yr Avg
CO	37	21	7	15
GA	93	86	95	95
IL	29	14	7	17
IN	7	4	4	9
IA	23	2	1	13
KS	60	24	15	34
KY	26	13	58	35
MI	0	0	1	2
MN	0	0	1	9
MO	69	44	26	29
NE	26	4	3	12
NC	78	60	80	73
OH	4	2	6	10
PA	5	0	8	4
SD	2	0	0	3
TX	74	61	71	74
WI	1	0	0	2
ALL	22	9	9	16

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

Cotton Percent Planted

	Apr 28 1996	Prev Week	Prev Year	5-Yr Avg
AL	22	21	47	41
AZ	86	80	76	70
AR	5	3	8	12
CA	65	45	44	73
GA	18	4	33	25
LA	6	4	20	29
MS	4	2	25	26
MO	2	1	4	6
NM	40	20	35	50
NC	14	4	19	15
OK	0	0	4	2
SC	26	5	21	21
TN	3	0	14	8
TX	17	15	18	19
ALL	19	13	23	25

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

Sorghum Percent Planted

	Apr 28 1996	Prev Week	Prev Year	5-Yr Avg
AR	43	26	39	38
CO	0	0	0	0
IL	0	0	0	0
KS	1	0	0	0
LA	39	38	25	35
MS	60	50	46	42
MO	6	3	8	6
NE	0	0	0	0
NM	1	0	0	0
OK	3	2	8	7
SD	0	0	0	0
TX	53	50	58	60
ALL	18	16	19	19

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

Oats Percent Planted

	Apr 28 1996	Prev Week	Prev Year	5-Yr Avg
IA	88	61	57	70
MI	20	*11	0	40
MN	13	2	12	37
NE	96	80	57	77
ND	1	0	1	21
OH	43	28	59	58
PA	41	22	58	51
SD	30	12	5	55
WI	20	5	9	24
ALL	36	21	24	44

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

Peanuts Percent Planted

	Apr 28 1996	Prev Week	Prev Year	5-Yr Avg
AL	14	3	20	25
FL	9	4	NA	NA
GA	19	7	38	29
NC	5	0	0	5
OK	0	0	0	1
SC	0	0	0	0
TX	5	4	2	2
VA	6	0	15	10
ALL	12	4	20	17

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

Barley Percent Planted

	Apr 28 1996	Prev Week	Prev Year	5-Yr Avg
ID	51	37	60	67
MN	1	0	1	29
MT	18	2	35	47
ND	0	0	0	24
SD	14	3	2	51
WA	40	38	60	75
ALL	14	8	20	40

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

Spring Wheat Percent Planted

	Apr 28 1996	Prev Week	Prev Year	5-Yr Avg
ID	67	61	76	74
MN	3	2	2	34
MT	16	2	35	46
ND	2	0	1	24
SD	34	9	5	58
ALL	10	4	12	35

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

Rice Percent Planted

	Apr 28 1996	Prev Week	Prev Year	5-Yr Avg
AR	45	23	61	44
CA	1	0	1	4
LA	72	66	66	64
MS	58	49	77	49
TX	79	70	67	67
ALL	48	35	55	45

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

Crop Progress and Condition

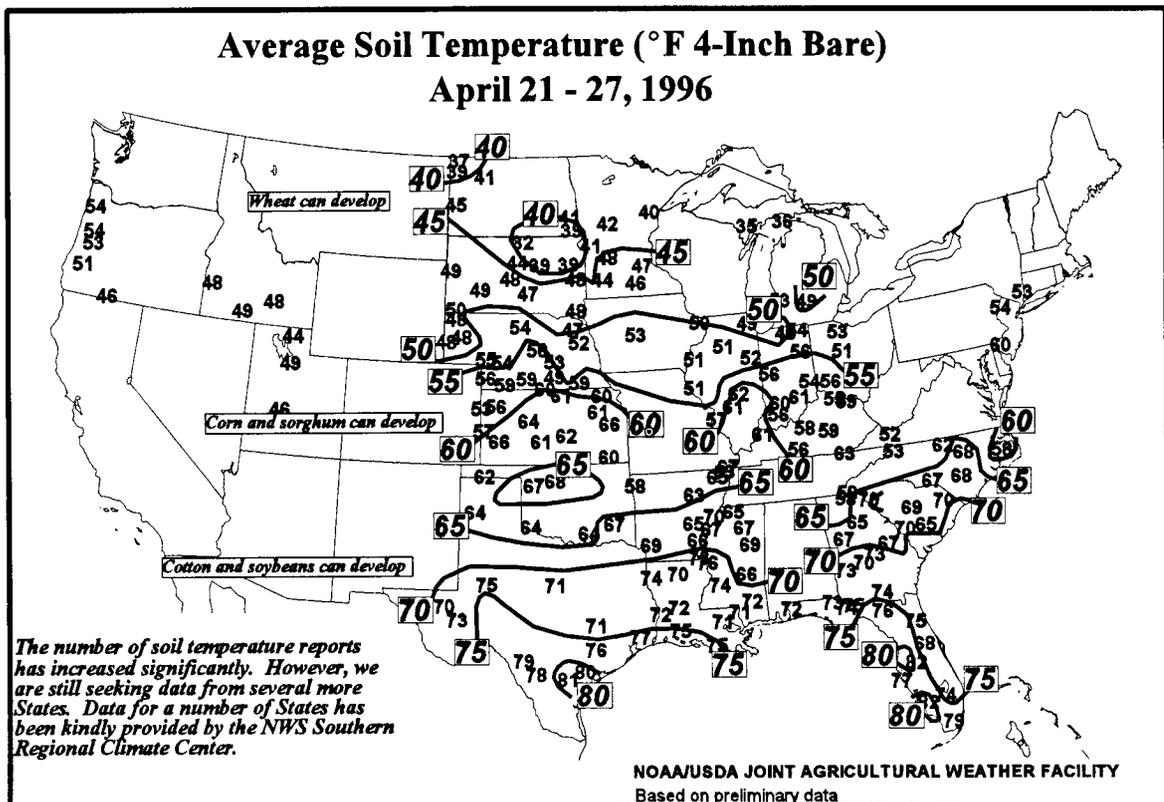
Week Ending April 28, 1996

Rice Percent Emerged				
	Apr 28 1996	Prev Week	Prev Year	5-Yr Avg
AR	13	NA	30	21
CA	0	NA	0	0
LA	59	NA	52	51
MS	30	NA	56	14
TX	65	NA	44	38
ALL	27	NA	34	25

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

Winter Wheat Crop Condition by Percent					
	VP	P	F	G	EX
AR	1	5	23	57	14
CA	0	0	10	60	30
CO	28	21	27	21	3
GA	1	3	20	64	12
ID	0	1	10	62	27
IL	37	32	24	7	0
IN	20	28	32	17	3
KS	28	31	29	12	0
MI	7	11	36	38	8
MO	25	32	27	15	1
MT	3	8	28	53	8
NE	14	29	39	17	1
NC	0	5	30	55	10
OH	9	23	37	27	4
OK	21	35	31	13	0
OR	0	1	3	27	69
SD	8	24	35	31	2
TX	33	39	22	6	0
WA	0	0	7	76	17
ALL	20	26	27	22	5
Prev Wk	18	27	27	23	5
Prev Yr	5	9	27	48	11

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 3.8. Topsoil moisture 70% adequate, 30% surplus. Spring plowing 74% complete, 84% 1995, 79% avg. Corn 79% planted, 87% 1995, 78% avg. Wheat 47% headed, 78% 1995, 68% avg. Wheat 2% very poor, 16% poor, 37% fair, 36% good, 9% excellent. Pasture feed 9% poor, 56% fair, 27% good, 8% excellent. Livestock 8% poor, 57% fair, 33% good, 2% excellent. Activities: Planting row crops, cool season vegetables, ground preparation for spring planting, general care of livestock, poultry, catfish.

ARIZONA: Small grains rapidly turning color. Headed 98%, 97% 1995, 96% avg.; 2% fair, 38% good, 60% excellent. Alfalfa harvest 36% light, 40% active, 24% not being harvested; 4% fair, 16% good, 80% excellent. Quality continues to increase. Vegetable harvest in western areas nearing completion. Cabbage, head lettuce, salad savoy, romaine, dry onions, leaf lettuce, potatoes, artichokes harvested by western growers. Cabbage, potato, head lettuce, carrot, broccoli, dry onion, mixed green, artichokes, kale, fava bean, radish, turnip harvest continued in central locations. Tomato harvest continued in eastern Arizona. Central, western citrus growers continued to harvest grapefruit, lemons, tangerines, Valencia oranges. Peaches were harvested in western, central growing areas.

ARKANSAS: Main farm activities: Planting, field preparation for planting of cotton, corn, rice, sorghum, early soybeans, fertilizing wheat, cool season grasses. Fertilizing, applying herbicides to wheat were reported by several counties. Sorghum was being replanted in White and Lonoke counties. Mississippi county reported delayed planting in rice, cotton, soybean, sorghum fields due to surplus soil moisture. Phillips county report disease in wheat fields. Tomatoes were being replanted in Drew county due to hail damage. Sandstorms damaged some watermelon, corn fields in Clay county.

CALIFORNIA: Field activities progressed normally in most areas under favorable weather conditions. Small grains matured rapidly and were turning color in central and southern counties. Some fields were treated for aphids and weeds. Growers expressed concerns that lodging may cause harvest problems in some southern San Joaquin Valley wheat fields. Desert area wheat harvest remained active. Cotton planting was in full swing in the Sacramento, San Joaquin valleys. A few fields were replanted due to poor germination. Rice field preparation gained momentum in the Sacramento Valley. Preplant insecticides were applied for water weevil control. Some rice planting was underway in Glenn County. Sugar beet harvest was ongoing. Some new crop sugar beets were replanted due to poor germination. Corn, dry beans, safflower were planted. Garbanzo beans bloomed in Fresno County. Seed alfalfa was harvested, weeded, treated for mites. Small grains, winter forage, alfalfa were cut for hay or green chopped. Sudan grass planting was underway in the Imperial Valley. Mowing, discing, fertilizing, irrigating, spraying continued in orchards vineyards. Thinning of stone fruit, apples continued. Cherry harvest was beginning in the San Joaquin Valley. Pomegranates kiwifruit were in blossom. Walnuts were sprayed for blight. Recent rains have exacerbated the blight problems. Pears, walnuts were sprayed for moths; pears for Psylla; cherries for cutworm, borers. Grape growers were applying fungicides. Strawberry harvest was in full swing. Both navel, Valencia oranges continue to be harvested. Avocado growers were having pollination problems since mites have reduced the bee population. Cauliflower, broccoli were harvested in Monterey County. Lettuce harvest was winding down. The Tulare County spinach harvest ended. Tomatoes continued to be planted, irrigated, sprayed. Bell peppers were transplanted in the San Joaquin Valley. Asparagus harvest was accelerating. Melons started to emerge. Potatoes were growing well

in the San Joaquin Valley. Various other vegetables were harvested. Foothill rangeland forage was rapidly maturing, beginning to dry, but adequate supplies of green grass remain available. Quality of feed remained very good as recent rains, warm weather promoted good growth. Supplemental feeding was light. Cattle were showing good weight gains. Livestock remained in good condition.

COLORADO: Days suitable for fieldwork 6.0. Topsoil moisture 23% very short, 37% short, 39% adequate, 1% surplus. Subsoil moisture 13% very short, 33% short, 53% adequate, 1% surplus. Spring barley 85% seeded, 36% 1995, 50% avg; 49% emerged, 13% 1995, 21% avg. Oats 70% seeded, 32% 1995, 47% avg; 32% emerged, 16% 1995, 23% avg. Dry onions 99% planted, 60% 1995, 71% avg; 2% poor, 10% fair, 75% good, 13% excellent. Spring wheat 66% planted, 12% 1995, 23% avg; 25% emerged, 8% 1995, 8% avg. Sugar beets 100% planted, 86% 1995, 80% avg; 1% very poor, 3% poor, 17% fair, 70% good, 9% excellent. Winter wheat 2% pastured, 3% 1995, 5% avg; 21% jointed, 40% 1995, 23% avg. Summer potatoes 88% planted, 24% 1995, 47% avg. Pasture, range feed 13% very poor, 18% poor, 38% fair, 30% good, 1% excellent. Cows 91% calved, 83% 1995, 84% avg. Ewes 87% lambled, 83% 1995, 86% avg. Livestock death losses are average. Stored feed supplies adequate. A frost occurred on the 28th which may have caused enough damage to the sugar beet crop for some producers to consider replanting.

DELAWARE: Days suitable for fieldwork 6.2. Topsoil moisture 88% adequate, 12% surplus. Subsoil moisture 87% adequate, 13% surplus. Winter wheat 10% poor, 38% fair, 40% good, 12% excellent. Barley 5% poor, 46% fair, 47% good, 2% excellent; 19% headed, 68% 1995, 48% avg. Corn 17% planted, 14% 1995, 21% avg. Sweet corn 26% planted, 21% 1995, 22% avg. Potatoes 71% planted 91% 1995, 81% avg. Green peas 81% planted, 90% 1995, 74% avg. Apples 42% bloomed, 45% 1995, 50% avg. Peaches 73% bloomed, 74% 1995, 83% avg. Strawberries 42% bloomed, 54% 1995, 36% avg. Hay supplies 17% very short, 58% short, 25% adequate. Acreage prepared for spring planting 69%. Activities: Preparation for planting continues; planting continues with several crops rebounding from slow starts.

FLORIDA: Topsoil moisture short to adequate throughout State. Farmers planting peanuts. Peanuts 9% planted. Growers starting to plant cotton. Field corn planting winding down. Making preparations for spring planted crops. Hot temperatures over southern Peninsula, lows in the 60s, highs in the 80s. A cold front passing early week dropped about 0.75 in. of rain over Gadsden County; then mid to late week, about 1.00 in. of rain in Dade County. Increasing amount of "dust devils" indicates some southern localities becoming dry. Tomato picking getting underway in Palmetto-Ruskin region. Vegetable volume leaders: tomatoes, peppers, potatoes, sweet corn, cabbage, cucumbers, snap beans, squash, celery, radishes. Citrus groves very good. Rain needed. Irrigation continues. Valencia harvest active all areas. Grapefruit movement slowing as supplies are limited. Temple, Honey tangerine harvest almost over. Caretakers cutting cover crops, post bloom spraying, pushing dead trees. Pasture feed condition poor 10%, fair 50%, good 40%. Cattle herds poor 5%, fair 45%, good 50%, excellent 0%.

GEORGIA: Days suitable for fieldwork 5.5. Soil moisture 4% very short, 23% short, 65% adequate, 8% surplus. Corn 8% poor, 32% fair, 54% good, 6% excellent; 93% planted, 95% 1995, 95% avg. Cotton 52% fair, 44% good, 4% excellent; 18% planted, 33% 1995, 25% avg. Hay 4% very poor, 9% poor, 35% fair, 49% good, 3% excellent. Peanuts 49% fair, 49% good, 2% excellent; 19% planted, 38% 1995,

29% avg. Sorghum 17% planted, 20% 1995, 22% avg. Soybeans 2% planted. Tobacco 2% poor, 36% fair, 61% good, 1% excellent; 99% transplanted, 96% 1995, 97% avg. Wheat 1% very poor, 3% poor, 20% fair, 64% good, 12% excellent; 99% jointing, 100% 1995, 100% avg.; 93% boot, 100% 1995, 98% avg.; 71% headed, 93% 1995, 86% avg. Onions 8% very poor, 33% poor, 39% fair, 20% good, 2% harvested, 20% 1995, 21% avg. Watermelons 1% very poor, 9% poor, 42% fair, 43% good, 5% excellent; 89% planted, 93% 1995, 93% avg. Apples 4% very poor, 3% poor, 31% fair, 62% good; 99% blooming, 99% 1995, 95% avg. Peaches 72% very poor, 15% poor, 12% fair, 1% good. Pasture feed 2% very poor, 7% poor, 38% fair, 51% good, 2% excellent. Cereal leaf beetle damage in some wheat, north. Septoria, barley yellow dwarf diseases, aphids showing up in wheat in few areas in central part of State. Activities: Weed control, fertilization of hay fields, pastures, land preparation for cotton, peanuts, soybeans, sprigging of new hay fields, side dressing fertilizer to peppers, tobacco.

HAWAII: Crops helped by sunny, dry weather. Overall conditions fair to good. Record high temperatures made fieldwork uncomfortable. Head cabbage good; production moderate to heavy. Cucumber, tomato production higher, good quality. Banana production to remain light. Papaya production will remain light, heavy disease on Oahu, Hawaii islands. First watermelon harvest this week.

IDAHO: Days suitable for fieldwork 3.6. Cold, wet weather continues. Strong winds caused damage to recently emerged grains, hampered irrigators in South central and Southeast. Topsoil moisture 64% adequate, 36% surplus. Potatoes planted 27%, 22% 1995, 25% avg. Spring wheat emerged 38%, 39% 1995, 44% avg. Barley emerged 25%, 26% 1995, 37% avg. Oats planted 41%, 42% 1995, 47% avg. Oats emerged 13%, 10% 1995, 23% avg. Dry peas planted 13%, 43% 1995, 44% avg. Dry peas emerged 6%, 15% 1995, 12% avg. Sugar beets planted 92%, 85% 1995, 88% avg. Sugar beets emerged 24%, 16% 1995, 38% avg. Field corn planted 11%, 9% 1995, 9% avg. Lentils planted 3%, 9% 1995, 33% avg. Lentils emerged 1%, 0% 1995, 13% avg. Onions planted 99%, 92% 1995, 88% avg. Onions emerged 53%, 34% 1995, 41% avg. Hay, roughage supply 16% short, 68% adequate, 16% surplus. Pasture feed, range condition 3% fair, 62% good, 35% excellent. Irrigation water supply 40% good, 60% excellent. Activities: Planting barley, spring wheat, sugar beets, potatoes, moving livestock to spring ranges, preparing for irrigation, sorting, cutting, hauling seed potatoes, weed control.

ILLINOIS: Days suitable for fieldwork 2.7. Topsoil moisture 1% very short, 21% short, 48% adequate, 30% surplus. Cool temperatures, wet weather restricted corn planting in south, northeast but good progress made in west and central areas. North needs warmer weather to warm soil temperatures, rain for better topsoil moisture. Some farmers in north planted corn regardless of soil temperatures. In central, corn planting continued heavy but many farmers still apprehensive about low soil temperatures. Farmers in south waiting for fields to dry. Not much field activity reported in south. Wheat continue to deteriorate. Most of winter wheat with very poor stands have been or will be planted to corn. Activities: Planting corn, preparing fields for soybean planting, chemical applications, mowing grass, livestock chores. Oats 95% seeded, 62% 1995, 71% avg. Alfalfa 2% very poor, 15% poor, 53% fair, 29% good, 1% excellent. Pasture feed 4% very poor, 21% poor, 48% fair, 25% good, 2% excellent.

INDIANA: Days suitable for fieldwork 1.1. Topsoil moisture 3% short, 42% adequate, 55% surplus. Subsoil moisture 1% very short, 13% short, 60% adequate, 26% surplus. Winter wheat 25% jointed, 74% 1995, 45% avg. Rain slowed planting of corn, soybeans. Fields very wet, most areas. Many poor wheat fields, some being tilled up. Vegetative growth more than a week behind normal. Range, pasture 1% very poor, 21% poor, 51% fair, 22% good, 5% excellent. Livestock improving. Calving, lambing continues. Activities: Applying anhydrous ammonia, spreading fertilizer, seeding oats, discing, chisel plowing, purchasing supplies, transplanting tobacco, hauling manure, care of livestock.

IOWA: Days suitable for fieldwork 5.6. Topsoil moisture very short 11%, short 36%, adequate 52% surplus 1%. Subsoil moisture very short 11%, short 38%, adequate 51%. Producers in the southern, central districts made good progress planting corn. The northern districts made some progress but continue to be hampered by cool weather, frost in the soil. 1996 row crops primary seedbed preparation completed 77%, 52% 1995, 61% avg; fertilizer application completed 79%, 59% 1995, 64% avg. Oats emerged 23%, 21% 1995, 23% avg. Winter wheat 2% very poor, 22% poor, 45% fair, 30% good, 1% excellent. Hay 6% very poor, 27% poor, 42% fair, 24% good, 1% excellent. Livestock mostly good across state. Calving continues with only a few reports of scours, death loss. The southwest district reports sows going to market as a result of high feed prices. The central, southwest districts both report a shortage of hay. Most districts experiencing slow pasture, hay growth due to lack of moisture, warmer weather.

KANSAS: Days suitable for fieldwork 6.1. Topsoil moisture 35% very short, 47% short, 18% adequate. Wheat progress is well behind normal due to cold weather, lack of moisture. Wheat jointing 61%, 98% 1995, 80% avg. Wheat 28% very poor, 31% poor, 29% fair, 12% good. Wheat has been hurt by wind, freezing temperatures, extremely dry weather. Brown wheat mites, armyworms, greenbugs remain active in the southern areas. Wind damage 9% severe, 21% moderate, 29% light, 41% no damage. Freeze damage 14% severe, 18% moderate, 26% light, 42% no damage. Insect infestation 6% severe, 10% moderate, 23% light, 61% none. Oats seeded 100%, 100% 1995, 94% avg. Barley seeded 100%, 100% 1995, 93% avg. Warm, dry conditions have allowed corn planting to progress rapidly. Corn planted 60%, 15% 1995, 34% avg. Even though pastures are short, cattle are being moved to grass because hay supplies are running out. Pasture 17% very poor, 32% poor, 39% fair, 12% good. Activities: Corn planting, chemical application, spring tillage, spraying wheat for weeds, insects, moving cattle to grass.

KENTUCKY: Days suitable for fieldwork 2.3. Topsoil moisture 1% short, 59% adequate, 40% surplus. Subsoil moisture 1% short, 66% adequate, 33% surplus. Temperatures were slightly below normal while rainfall was above normal. Activities: plowing for corn, tobacco, applying fertilizer. Farmers also worked with their tobacco plants. Tobacco plants range in development with some greenhouse/floatbed plants ready to set while some conventional beds just germinating. Plants in beds 74% less than 2 in., 21% 2 to 4 in., 5% over 4 in. About 60% of plants coming from greenhouses/floatbeds. Corn emerged 9%, 50% 1995, 20% avg. Emerged corn 2% very poor, 4% poor, 34% fair, 47% good 13% excellent. Winter wheat 6% very poor, 17% poor, 38% fair, 33% good, 6% excellent. First alfalfa cutting around May 16, last year May 8. Pastures 3% very poor, 15% poor, 41% fair, 36% good, 5% excellent.

LOUISIANA: Days suitable for fieldwork 4.2. Soil moisture 1% very short, 16% short, 65% adequate, 18% surplus. Corn 3% poor, 31% fair, 60% good, 6% excellent; 100% planted, 88% 1995, 96% avg.; 100% emerged, 86% 1995, 88% avg. Corn growers finished planting. Cotton 1% emerged, 12% 1995, 16% avg. Cotton growers began planting in earnest. Hay first cutting 9%, 5% 1995, 7% avg. Rice 11% poor, 59% fair, 29% good, 1% excellent. Rice farmers began aerial application of herbicides. Sorghum 26% emerged, 14% 1995, 24% avg. Sorghum planting remained active. Soybeans 6% planted, 3% 1995, 1% avg. Soybean growers were busy planting early varieties. Spring plowing 97% plowing, 79% 1995, 80% avg. Sugarcane 9% very poor, 17% poor, 38% fair, 35% good, 1% excellent. Sweet potatoes 1% planted, 3% avg. Sweet potato planting got off to a good start. Wheat 6% very poor, 16% poor, 46% fair, 32% good; 95% headed, 89% 1995, 88% avg.; 6% turning, 15% 1995, 20% avg. Wheat slowly improving. Livestock 3% very poor, 14% poor, 42% fair, 39% good, 2% excellent. Cattlemen were marketing fall calves. Vegetables 15% poor, 47% fair, 36% good, 2% excellent. Vegetable producers were active side-dressing pepper, cabbage plants. Pasture feed 3% very poor, 12% poor, 41% fair, 43% good, 1% excellent. Pasture growth progressed to a point that allowed livestock producers to stop supplemental feeding.

MARYLAND: Days suitable for fieldwork 5.6. Topsoil moisture 7% short, 82% adequate, 11% surplus. Subsoil moisture 1% short, 88% adequate, 11% surplus. Winter wheat 12% very poor, 13% poor, 22% fair, 36% good, 17% excellent. Barley 14% very poor, 7% poor, 22% fair, 46% good, 11% excellent; 19% headed, 65% 1995, 39% avg. Rye 7% very poor, 6% poor, 24% fair, 54% good, 9% excellent; 13% headed, 28% 1995, 23% avg. Corn 20% planted, 27% 1995, 17% avg. Sweet corn 31% planted, 34% 1995, 23% avg. Potatoes 99% planted, 81% 1995, 63% avg. Tomatoes 57% planted, 22% 1995, 23% avg. Cantaloupe 52% planted, 12% 1995, 8% avg. Watermelons 21% planted, 6% 1995, 6% avg. Hay 12% very short, 40% short, 47% adequate, 1% surplus. Acreage prepared for spring planting 40%. Apples 41% bloomed, 52% 1995, 46% avg. Peaches 69% bloomed, 59% 1995, 75% avg. Strawberries 35% bloomed, 69% 1995, 43% avg. Activities: Preparation for planting and planting of crops continues; Most plantings in full swing catching up to or moving ahead of average.

MICHIGAN: Days suitable for fieldwork was 2.0. Topsoil moisture 2% poor, 60% adequate, 38% surplus. Subsoil moisture rated 5% poor, 68% adequate, 27% surplus. Limited fieldwork and saturated fields. Winter wheat has suffered stand reduction due to the exposure to low temperatures without snow cover. Foliage burn, plant death was evident in many fields. Livestock were normal with feed supplies remaining adequate. Pastures are short because of cold weather. More hay than normal was being fed to livestock to supplement pastures. Activities: Planting of barley, oats, some potatoes, hauling manure, spreading fertilizer, some spring tilling where weather permits. Some pruning, spraying of fruit trees continues as weather permits.

MINNESOTA: Days suitable for fieldwork 1.3. Topsoil moisture 1% short, 52% adequate, 47% surplus. Subsoil moisture 1% short, 52% adequate, 47% surplus. Corn 4% ground prepared, 6% 1995, 22% 5 yr. avg. Soybeans 5% 5 yr. avg. Spring wheat 3% planted, 2% 1995, 36% 5 yr. avg. Oats 13% planted, 12% 1995, 38% 5 yr. avg. Barley 1% planted, 2% 1995, 29% 5 yr. avg. Sugar beets 1% planted, 2% 1995, 21% 5 yr. avg. Green peas 7% planted, 5% 1995, 21% 5 yr. avg. Potatoes 2% planted complete, 8% 1995, 8% 5 yr. avg. Winter wheat 5% very poor, 10% poor, 60% fair, 20% good, 5% excellent. Rye 6% very poor, 7% poor, 40% fair, 38% good, 9% excellent. Alfalfa 4% very poor, 9% poor, 39% fair, 46% good, 2% excellent.

MISSISSIPPI: Days suitable for fieldwork 3.5. Soil moisture 3% short, 63% adequate, 34% surplus. Corn 90% planted, 89% 1995, 75% avg.; 70% emerged, 73% 1995, 59% avg.; 1% very poor, 9% poor, 37% fair, 49% good, 4% excellent. Soybeans 24% planted, 19% 1995, 8% avg. Wheat 99% jointing, 99% 1995, 97% avg.; 45% heading, 84% 1995, 72% avg.; 1% poor, 25% fair, 54% fair, 20% excellent. Peanuts 26% planted, 34% 1995, 27% avg. Sweet potatoes 8% planted, 3% 1995, 10% avg. Watermelons 67% planted, 66% 1995, 68% avg.; 2% poor, 23% fair, 60% good, 15% excellent. Blueberries 18% very poor, 34% poor, 23% fair, 22% good, 3% good. Cattle 1% very poor, 9% poor, 36% fair, 48% good, 6% excellent. Pasture 1% very poor, 13% poor, 44% fair, 31% good, 11% excellent. Main farm activities: Planting of corn, rice, sorghum, soybeans. Excessive rain, cool soil temperatures have delayed the planting of cotton. Wheat, pasture are beginning to improve but are behind on maturity. Cattle producers are gearing up to start harvesting ryegrass hay.

MISSOURI: Days suitable for fieldwork 4.5. Topsoil moisture 9% very short, 33% short, 50% adequate, 8% surplus. Farmers continued to make significant corn planting progress, before storms moved across State. Corn planted around 30 percent east-central and south-central to over 90% southeast and southwest. Sorghum planting just beginning, with 8% reported in the Bootheel. Wheat crop poorest in the southwest district 37% very poor, 51% poor; the best wheat crop found in the south-central and southeast districts at 43% or more as good or better. Ground tilled for spring crops 87%, 77% 1995, 69% avg. Pasture, range 11% very poor, 38% poor, 38% fair, 12% good, 1% excellent.

MONTANA: Days suitable for fieldwork 3.7. Topsoil moisture 8% short, 79% adequate, 13% surplus. Subsoil moisture 9% short, 76% adequate, 15% surplus. Good progress made on spring planting, still much behind normal. Few reports of scattered winter kill to winter wheat. Fieldwork in progress 30% none, 44% just started, 26% well underway. Oats 7% planted, 11% 1995, 33% avg. Corn 16% planted, 18% 1995, 18% avg. Sugar beets 33% planted, 30% 1995, 56% avg. Dry beans 1% 1995, 2% avg. Potatoes 2% 1995, 7% avg. Calving 90% complete. Lambing 74% complete. Cattle, calves moved to summer ranges 11%. Sheep, lambs moved to summer ranges 4%.

NEBRASKA: Days suitable for fieldwork 6.1. Topsoil moisture 22% very short, 51% short, 27% adequate. Subsoil moisture 14% very short, 51% short, 35% adequate. Spring planting full swing. Badly needed precipitation on 28th, across State, should benefit newly seeded corn, pasture growth. Wheat 9% jointed, 33% 1995, 28% avg; So far this season, wind 13% severe, 37% moderate, and 29% light, while 21% of the crop was wind damage free. Corn planting advanced in the southeast and south central part of State. Some center pivots were used to aid germination. Oats 96% planted, 57% 1995, 77% avg; 38% emerged. Sugar beet planting continued in the Panhandle. Alfalfa 3% very poor, 21% poor, 44% fair, 1% excellent; Winter kill loss were received from all districts but were most apparent in north central, northeast, east central districts. Pasture, range 3% very poor, 18% poor, 57% fair, 21% good, 1% excellent. Calf losses 18% below avg., 78% avg, 4% above avg. Activities: Fertilizer applications, seeded preparations, corn, oat planting, grain marketing, livestock care.

NEVADA: Spring grain planting progressed, was well under mostly clear weather conditions. Fall seeded grains showed some growth and remained in good to excellent condition in most areas. Herbicides applied to control weeds. Hay fields sprayed, fertilized, first cutting of alfalfa continued in the extreme south. Garlic, onions actively growing. Spring calving slowing. Branding, vaccinating underway. Sheering, lambing continued. Ditch cleaning continued. Main farm, ranch activities: Spring planting, fertilizing, plowing, field leveling, ditch cleaning, alfalfa harvest, calving, lambing.

NEW ENGLAND: Days suitable for fieldwork 4.9. Topsoil moisture 55% adequate, 45% surplus. Subsoil moisture 68% adequate, 32% surplus. Pasture 37% very poor, 35% poor, 15% fair, 13% good. Connecticut River Valley potatoes 10% planted, 5% 1995, 3% avg. Rhode Island potatoes 5% planted, 3% avg. Field corn 5% planted. Sweet corn 5% planted, 1% 1995, 2% avg. Apples, peaches, pears, strawberries, cranberries, blueberries vary in development from dormant to bud stage. Cool, wet weather has slowed crop development, fieldwork progress throughout the region. Major farm activities: Plowing, harrowing, disking, fertilizing, liming, spreading manure on well drained soils, fixing fences, cleaning up from the past winter's floods, pruning and application of pre-emergence fertilizer, herbicides to fruit crops.

NEW JERSEY: Days suitable for fieldwork 5.6. Topsoil moisture mostly adequate. Planting, remain about 7-10 days behind. Most peaches are past the full bloom stage. Farmers were busy planting sweet corn, lettuce, cabbage, spinach, snap beans, tomatoes. Harvest of asparagus increases while light harvest of herbs, broccoli, kale, arrugula, leeks, spinach, radish, parsley, green onions. Ground preparation for field crops continues. Corn planting delayed in some.

NEW MEXICO: Days suitable for fieldwork 6.7. Soil moisture 71% very short, 21% short, 8% adequate. Corn planting made good progress despite dry, windy conditions with 30% planted, 7% last week, 38% 1995. Cotton planting was also in full swing with 40% completed, 35% 1995, 50% avg. Alfalfa, 7% poor, 32% fair, 51% good, 10% excellent. Chile planting tapering off with 92% complete, 71% 1995; 10% fair, 58% good, 32% excellent. Dry wheat 99% very poor, 1% poor. Irrigated wheat, 4% very poor, 31% poor, 36% fair, 26% good, 3% excellent. Total wheat headed at 5%, 7% 1995, 25% avg. Lettuce 68%

good, 32% excellent. Onions, 1% fair, 58% good, 41% excellent. Cattle, 3% very poor, 28% poor, 49% fair, 20% good. Ranchers continued heavy supplemental feeding, watering; many stock wells drying up.

NEW YORK: Days suitable for fieldwork 1.0. Soil moisture 23% adequate, 77% surplus. Pastures 22% poor, 44% fair, 34% good. Corn planting just beginning. Oats 4% planted, 28% 1995, 27% avg. Wheat condition 60% fair, 40% good. Wetness curtailed fieldwork. Livestock feed supplies tight. Fruit development progressing slow due to cool temperatures. Spraying being delayed. Grape producers reported some bud mortality in vinifera varieties while North American and hybrid varieties showed only minor bud injury. Vegetable planting underway some areas. Wet fields delayed planting in many areas. Orange County onions less than 10% planted. Early asparagus being cut.

NORTH CAROLINA: Days suitable for fieldwork 5.6. Soil moisture 1% very short, 13% short, 83% adequate, 3% surplus. Flue-cured tobacco 38% transplanted, 34% 1995, 27% avg. Crop condition: Oats 11% poor, 33% fair 48% good, 8% excellent; barley 7% poor, 21% fair, 70% good, 2% excellent; rye 1% poor, 17% fair, 80% good, 2% excellent; pasture 1% very poor, 9% poor, 36% fair, 51% good, 3% excellent; greenhouse tobacco plant beds 4% fair, 79% good, 17% excellent; outside tobacco plant beds 1% very poor, 4% poor, 26% fair, 66% good, 3% excellent; potatoes 2% fair, 83% good, 15% excellent; peaches 63% very poor, 12% poor, 13% fair, 12% good; truck crops 1% poor, 19% fair, 79% good, 1% excellent; tobacco plant supply 9% short, 90% adequate, 1% surplus; hay, roughage 8% very short, 31% short, 59% adequate, 2% surplus; Activities: Planting corn, cotton; spraying apples; transplanting flue-cured tobacco; spraying for cereal leaf beetles; transplanting peppers; pasture maintenance; tending livestock; repairing storm damage; repairing equipment and general farm maintenance.

NORTH DAKOTA: Planting progress was limited by excessive moisture, cool temperatures. Hard red spring wheat 2% planted, 1% 1994, 24% avg.; durum 12% avg.; oats 1% planted, 1% 1994, 21% avg.; barley 24% avg.; sugar beets 1% planted, 4% 1994, 26% avg. Cattle fair to mostly good. Cows 2% poor, 19% fair, 76% good, 3% excellent. Calves 1% poor, 20% fair, 76% good, 3% excellent. Hay, forage 1% very short, 12% short, 83% adequate, 4% surplus. Grains, concentrates 1% very short, 8% short, 90% adequate, 1% surplus. Pastures, ranges 82% dormant; 81% open for grazing. Pasture 5% very poor, 13% poor, 25% fair, 51% good, 6% excellent.

OHIO: Days suitable for fieldwork 1.9. Topsoil moisture 32% adequate, 68% surplus. Corn planting is behind schedule. Planting of sugar beets, potatoes been delayed. Apples, peaches are 56 and 58% good or excellent, respectively. Seeding of tobacco beds is essentially complete. Many pastures are still waterlogged.

OKLAHOMA: Days suitable for fieldwork 5.3. Topsoil moisture 38% very short, 26% short, 35% adequate, 1% surplus. Subsoil moisture 29% very short, 32% short, 39% adequate. Wheat 87% jointing, 100% 1995, 98% avg; 4% 1995, 5% avg; Oats 40% jointing, 73% 1995, 63% avg; 6% heading, 25% 1995, 26% avg; 3% 1995, 1% avg; Corn 99% seedbed prepared, 98% 1995, 96% avg; 57% planted, 34% 1995, 61% avg; 16% up-to-stand, 21% 1995, 31% avg; Sorghum 32% seedbed prepared, 61% 1995, 51% avg; 2% 1995, 1% avg; Soybeans 66% seedbed prepared, 51% 1995, 61% avg; 20% planted, 16% 1995, 12% avg; 6% up-to-stand, 8% 1995, 3% avg; Peanuts 74% seedbed prepared, 58% 1995, 64% avg; Cotton 59% seedbed prepared, 69% 1995, 73% avg; Alfalfa condition 1% very poor, 19% poor, 47% fair, 32% good, 1% excellent; Livestock 1% very poor, 9% poor, 29% fair, 57% good, 4% excellent. Feeder steers, heifers were \$2 to \$4/cwt lower.

OREGON: Days suitable for fieldwork 3.2. Topsoil 2% short, 80% adequate, 18% surplus. Subsoil 93% adequate, 7% surplus. Barley 50% planted, 71% 1995, 76% avg. Pasture feed 12% fair, 75% good,

13% excellent. Activities: Cool, wet weather slowed field work, crop growth, some "yellowing"; western sections. Mint flaming underway, Willamette valley. Sugar beet planting continued, emergence underway. Frost damage, Malheur County sugar beets. Hail damage, Mid-Columbia small grains. Willamette valley nurseries, greenhouses busy spring activities. Cool, wet weather slowed vegetable fieldwork, some sweet corn, onions planted, Willamette valley. Malheur County onion crusting problems. Rogue River valley peach, cherry rain, hail damage, pears past bloom. Southern coast blueberries past peak bloom, cranberry development hook stage Stevens. Willamette valley blackberries leaf out continued, red raspberry, trailing berries bloom started, strawberry bloom delayed, blueberries blooming, cherries setting fruit, peaches, pears, prunes, plums past bloom, apples various bloom stages. Livestock good to excellent. Eastern section pasture feed warmer temperatures, dry conditions needed, some early turnout underway, supplemental feeding continued. Western section pasture feed very wet, growth lagging.

PENNSYLVANIA: Days suitable for fieldwork 3.6. Soil moisture 2% short, 76% adequate, 22% surplus. Plowing 36% complete, 60% 1995, 46% avg. Potatoes planted 10% complete, 23% 1995, 20% avg. Tobacco beds planted 98% complete, 97% 1995, 91% avg. Barley 2% heading or headed, 9% 1995, 2% avg. Wheat 1% very poor, 11% poor, 38% fair, 45% good, 5% excellent. Alfalfa and alfalfa mixtures stand 2% very poor, 8% poor, 41% fair, 44% good, 5% excellent. Timothy clover stand 4% very poor, 9% poor, 36% fair, 46% good, 5% excellent. Peaches 39% pink, 64% 1995, 52% avg; 18% full bloom or past, 26% 1995, 28% avg. Cherries 38% pink, 63% 1995, 50% avg; 19% full bloom or past, 41% 1995, 34% avg. Apples 20% pink, 35% 1995, 30% avg; 1% full bloom or past, 15% 1995, 9% avg. Activities: Plowing, planting of oats, corn; spreading fertilizer; fixing fences; machinery maintenance, storing; hauling manure; caring for livestock.

SOUTH CAROLINA: Days suitable for fieldwork 5.8. Soil moisture 23% short, 75% adequate, 2% surplus. Corn 93% planted, 97% 1995, 94% 5 yr avg; 4% poor, 20% fair, 71% good, 5% excellent. Tobacco 81% planted, 70% 1995, 80% 5 yr avg; 1% very poor, 1% poor, 9% fair, 85% good, 4% excellent. Sorghum 9% planted, 7% 1995, 9% 5 yr avg; 7% poor, 27% fair, 66% good. Peach 62% very poor, 26% poor, 11% fair, 1% good. Apple 43% very poor, 17% poor, 28% fair, 12% good. Watermelons 89% planted, 80% 1995; 83% 5 yr avg. 4% poor, 39% fair, 55% good, 2% excellent; Cantaloups 91% planted, 70% 1995; 75% 5 yr avg; 4% poor, 41% fair, 55% good. Wheat 63% headed, 77% 1995, 70% 5 yr avg; 1% very poor, 4% poor, 22% fair, 66% good, 7% excellent. Rye 72% headed, 2% very poor, 15% poor, 34% fair, 42% good, 7% excellent.

SOUTH DAKOTA: Days suitable for fieldwork 4.3. Topsoil moisture 1% very short, 10% short, 70% adequate, 19% surplus. Subsoil moisture 2% short, 69% adequate, 29% surplus. Winter rye 6% poor, 40% fair, 49% good, 5% excellent. Many producers are reseeding their winter wheat fields to spring wheat, corn, or soybeans. Livestock 2% poor, 17% fair, 69% good, 12% excellent. Big fluctuations between daytime, overnight temperatures continue to cause health problems among newborn calves, lambs. Pasture feed 3% very poor, 9% poor, 35% fair, 49% good, 4% excellent. Cattle moved to pasture 15%. Calving 78% completed, lambing 81% completed. Feed supplies 9% short 84% adequate, 7% surplus. Stock water supplies 1% short, 73% adequate, 26% surplus.

TENNESSEE: Days suitable for fieldwork 3.2. Topsoil moisture 3% short, 70% adequate, 27% surplus. Subsoil moisture 3% short, 70% adequate, 27% surplus. Corn 73% planted, 82% 1995, 51% avg. Tobacco 86% plants up, 95% 1995, 92% avg. Wheat 5% very poor, 12% poor, 38% fair, 39% good, 6% excellent; 94% jointed, 99% 1995, 92% avg.; 5% headed, 81% 1995, 39% avg. Sorghum 5% planted, 29% 1995, 13% avg. Alfalfa hay 1% very poor, 9% poor, 48% fair, 40% good, 2% excellent; 1% first cutting, 1% avg. Pasture 1% very poor, 18% poor, 43% fair, 35% good, 3% excellent. Cattle 1% very poor, 13% poor, 49% fair, 35% good, 2% excellent

TEXAS: Warm, windy conditions continued most areas. Some beneficial rainfall occurred portions North Central, East. Land preparations continued in Plains; however, windy conditions causing loss to topsoil. Rainfall badly needed from Central, south to Valley for growth to continue. Some replanting occurred. Cultivation active along Upper Coast. Pasture improvement with recent rain. Livestock producers continued to suffer effects of loss of pasture, high supplement costs, shortage of hay.

Crops: Small Grains: Rainfall across portions North Central should benefit small grain crops as additional fields begin to head. Dryland fields in High Plains show little if any potential of grain crop. Irrigation remained active. Irrigated fields in late boot stage. Many fields in South Central area beginning to turn color. Heads are small, stands are thin across much of area. Some fields cut for hay. Statewide wheat 30% normal compared with 56% last year. Corn: Planting continued in Plains. Moisture critical to fields North, South Central areas. Cultivation activity increased along Upper Coast. Some plants falling over because poor root development. Irrigation remained steady in Valley where fields entering silk stage. Statewide 55% normal compared with 86% last year. Grain sorghum: Planting activity increased. Pre-watering continued in High Plains. Some replanting occurred portions of state. Rainfall needed across much of State for planted fields. Statewide 50% normal compared 87% last year. Cotton: Planting continued under dry North, South Central areas. Pre-watering continued in High Plains. Planting getting underway few fields. Irrigation remained steady in Valley. Some replanting occurred along Upper Coast. Rice: Planting beginning to wind down parts of Upper Coast. Flushing emerged fields continued. Rice 72% normal compared 92% last year. Peanuts: Planting beginning on limited basis parts of High Plains. Land preparation continued with some planting taking place South Central areas. Soybeans: Planting should increase North Central areas with rainfall. Stands along Upper Coast only fair.

Commercial Vegetables, Fruit and Pecans: Rio Grande Valley: Harvest onions, cabbage, carrots, greens continued. Some citrus still remained to be picked. San Antonio-Winter Garden: Last watering occurred in onions. Progress been good. Some cabbage harvest occurred. Dryland watermelons continued to suffer. East: Land preparation for sweet potatoes continued. Watermelon, tomato planting continued. High Plains: Onions, potatoes making good progress under steady irrigation. Trans-Pecos: Onions sizing well. Cantaloup planting, irrigation continued. Pecans: Leafing activity increased many areas. Zinc spraying also increased. Fertilization activity picking up. Rainfall still badly needed. Peaches: The reduced crop remaining after freezes made good progress during week.

Range and Livestock: Eastern pastures improving. Hay supplies remained short many areas. Supplemental feeding activity steady. Many small grain fields cut for hay. Lambing activity winding down some herds in Edward's Plateau.

UTAH: Days suitable for fieldwork 5.7. Topsoil moisture 6% very short, 13% short, 73% adequate, 8% surplus. Subsoil moisture 24% short, 76% adequate. Spring wheat planted 92%, 86% 1995, 87% avg. Spring wheat emerged 68%, 58% 1995, 60% avg. Barley planted 90%, 83% 1995, 85% avg. Barley emerged 67%, 58% 1995, 60% avg. Oats planted 45%, 46% 1995, 61% avg. Oats emerged 24%, 29% 1995, 31% avg. Corn planted 24%, 10% 1995, 22% avg. Alfalfa height 6.0 inches. Apples full bloom, past 29%, 15% 1995. Range, pasture 5% poor, 25% fair, 51% good, 19% excellent. Cattle, calf 2% poor, 18% fair, 69% good, 11% excellent. Cows calved 90%, 88% 1995, 90% avg. Sheep 3% poor, 10% fair, 75% good, 12% excellent. Ewes lambing on farm 94%, 91% 1995, 92% avg. Ewes lambing on range 72%, 64% 1995, 68% avg. Sheep sheared on the farm 90%, 87% 1995, 90% avg. Sheep sheared on the range 78%, 72% 1995, 77% avg. Major farm, ranch activities spring tillage, planting of grains, alfalfa, corn, spraying for weeds, shearing sheep. Increased health problems in lambs were reported by many counties due to weather conditions.

VIRGINIA: Days suitable for fieldwork 4.8. Topsoil moisture 10% short, 84% adequate, 6% surplus. Subsoil moisture 6% short, 90%

adequate, 4% surplus. Corn 29% planted, 36% 1995, 34% avg; Winter wheat 3% poor, 31% fair, 52% good, 14% excellent. Barley 1% poor, 26% fair, 67% good, 6% excellent. Cotton 20% planted, 41% 1995, 30% avg. Alfalfa 2% poor, 15% fair, 71% good, 12% excellent. Other hay 1% poor, 17% fair, 69% good, 13% excellent. Summer potatoes 100% planted, 100% 1995, 100% avg. Tobacco in greenhouses 2% fair, 41% good, 57% excellent. Tobacco in plantbeds 5% very poor, 12% poor, 35% fair, 38% good, 10% excellent. Pasture feed 3% poor, 33% fair, 60% good, 4% excellent. Apples 2% fair, 98% good. Peaches 10% very poor, 15% poor, 10% fair, 55% good, 10% excellent. Activities: Drier weather enabled farmers to catch up on fieldwork. Cotton and peanut planting underway.

WASHINGTON: Days suitable for fieldwork 2.5 Topsoil moisture 3% short, 53% adequate, 44% surplus; subsoil 21% short, 77% adequate, 2% surplus. Cool, wet weather continued to limited fieldwork, but seeding continued for grains, potatoes, vegetables. Winter wheat, dryland 7% fair, 76% good, 17% excellent; irrigated, 80% good, 20% excellent. Hay, other roughage supplies, 30% short, 69% adequate, 1% surplus. Range, pasture feed, 3% poor, 26% fair, 70% good, 1% excellent. Pastures flooded, soggy. Potatoes 61% planted, 46% 1995, 64% avg.; 30% emerged, 20% 1995, 18% avg. Spring wheat 53% planted, 61% 1995, 80% avg.; 39% emerged, 38% 1995, 61% avg. Apples, cherries, pears in bloom. Pollination, spraying poor. Cranberry weed control continued. Rhubarb harvest underway. Vegetable seeding on-going, but delayed in wet areas. Asparagus harvest continued, slow in some areas.

WEST VIRGINIA: Days suitable for fieldwork 4.3. Topsoil 6% short, 86% adequate, 8% surplus. Wheat 12% poor, 41% fair, 47% good. Hay 2% very poor, 11% poor, 38% fair, 47% good, 2% excellent. Intended acreage prepared for spring planting 56%, 75% 1995. Corn planted 14%, 20% 1995, 19% avg. Oats planted 54%, 55% 1995, 63% avg; 18% emerged, 29% 1995, 35% avg. Tobacco beds seeded 87%, 76% 1995, 86% avg; 71% emerged, 44% 1995, 57% avg. Pasture feed 3% very poor, 27% poor, 44% fair, 25% good, 1% excellent. Cattle 1% very poor, 6% poor, 38% fair, 53% good, 2% excellent; 92% calved. Sheep 11% poor, 35% fair, 53% good, 1% excellent; 90% lambing. Hay, roughage 20% very short, 36% short, 44% adequate. Feed grain 11% very short, 20% short, 69% adequate. Apples 75% fair, 25% good. Peaches 82% fair, 18% good. Principal farm activities included: Preparing soil, fertilizing, planting, seeding tobacco beds. Secondary activities: Fertilizing pastures, cleaning out springs, hauling manure, building, repairing fences, calving, lambing, general equipment maintenance.

WISCONSIN: Days suitable for fieldwork 3.5. Soil moisture 14% short, 66% adequate, 20% surplus. Spring tillage 18%, 11% 1995, 20% 5 yr. avg. Pasture feed 29% poor, 41% fair, 30% good. In some southern, central district fields, freezing caused winter wheat losses. As the alfalfa crop was greening up, new seedlings looked good, but older stands were showing some spotty injury. Lots of peas were planted in the southeast. In the north, Christmas trees experienced some winter damage, some cranberry bogs remain ice covered.

WYOMING: Days suitable for fieldwork 3.4. Topsoil moisture 98% adequate or surplus. Subsoil moisture 95% adequate or surplus. Barley 80% planted, 80% 1995, 76% avg; 27% emerged, 41% 1995, 42% avg. Oats 43% planted, 46% 1995, 48% avg; 6% emerged, 9% 1995, 13% avg. Spring wheat 42% planted, 42% 1995, 48% avg; 11% emerged, 9% 1995, 15% avg. Sugar beets 67% planted, 80% 1995, 74% avg; 3% emerged, 11% 1995, 12% avg. Corn 24% planted, 15% 1995, 15% avg. Winter wheat 8% poor, 15% fair, 77% good. Calving 90% complete, 91% 1995, 88% avg. Farm flock ewes lambing 94%, 95% 1995, 94% avg; shorn 91%, 95% 1995, 92% avg. Range flock ewes lambing 25%, 23% 1995, 35% avg; shorn 57%, 71% 1995, 68% avg. Lamb losses mostly normal. Range, pasture 9% fair, 70% good, 21% excellent.

International Weather and Crop Summary

April 21 - 27, 1996

HIGHLIGHTS

FSU-WESTERN: A rapid warming trend spread eastward across the region, improving soil conditions for spring grain planting and promoting winter grain development.

EUROPE: Light rain and unusually warm weather in the north promoted rapid winter grain development and spring crop emergence.

NORTHWESTERN AFRICA: Light to moderate showers from northern Morocco eastward through Algeria into Tunisia benefited immature crops.

SOUTH AFRICA: Favorably drier weather returned to the corn belt, aiding harvesting.

AUSTRALIA: Unseasonable rain improved winter grain and sugarcane prospects but slowed sorghum and cotton harvesting.

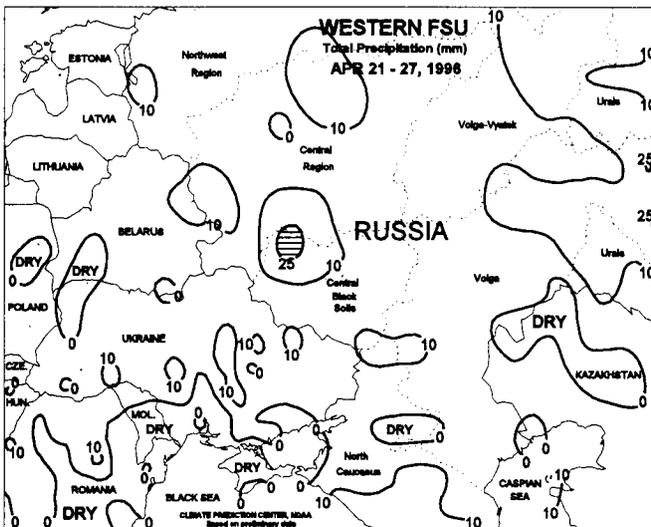
EASTERN ASIA: Rain aided vegetative to early reproductive winter wheat across the North China Plain.

SOUTHEAST ASIA: Seasonably drier weather aided main-season rice harvesting across Java. Cool, wet weather slowed development of immature rice in Thailand.

SOUTH AMERICA: Showers slowed summer crop harvesting across Argentina, while mostly dry weather favored fieldwork in southern Brazil.

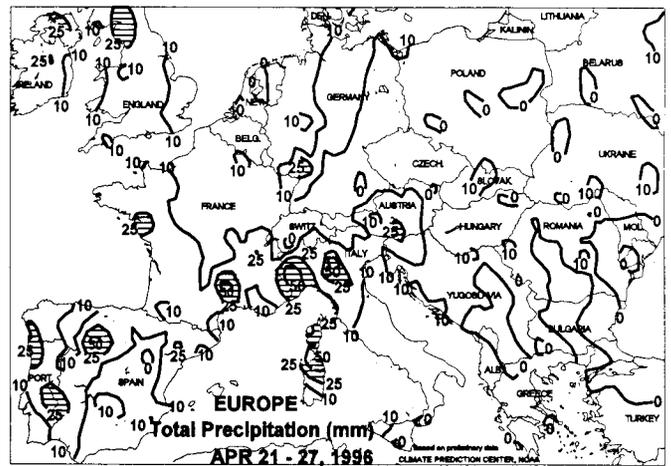
FSU-WESTERN

A rapid warming trend spread eastward across the region, improving soil conditions for spring grain planting in Ukraine, Russia, Belarus, and the Baltics. Weekly temperatures averaged 2 to 5 degrees C above normal in Ukraine, western areas in Russia, Belarus, and the Baltics, with highest weekly temperatures ranging from 25 to 30 degrees C. The mild weather promoted rapid development in winter grains, which were jointing in Ukraine and North Caucasus, Russia, and greening in areas farther north. Light showers (generally less than 10 mm) over most areas caused only brief delays in fieldwork. Regarding Russia, reports indicated that spring grain sowing was virtually completed in the North Caucasus region and was just beginning in areas farther north, including the Volga Valley.

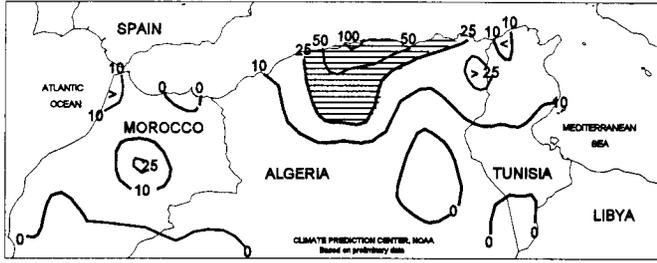


EUROPE

Light rain and unusually warm weather prevailed over most of northern Europe, promoting rapid winter grain development and moistening topsoils for germination and establishment of spring grains and sugarbeets. Precipitation amounts ranged from 10 to 25 mm in the United Kingdom, 5 to 10 mm in northern France, the Netherlands, and Belgium, and 5 to 25 mm in Germany. This past week's precipitation in these areas brought only temporary relief from persistent dryness and additional rain will be needed in upcoming weeks to ensure favorable crop prospects. Elsewhere, light showers (10-25 mm) fell in southwestern France and Spain. In southeastern Europe, unseasonably warm, dry weather over Romania and Bulgaria followed last week's cold, wet weather, improving soil conditions for spring grain planting.



**NORTHWEST AFRICA Total Precipitation (mm)
APR 21 - 27, 1996**

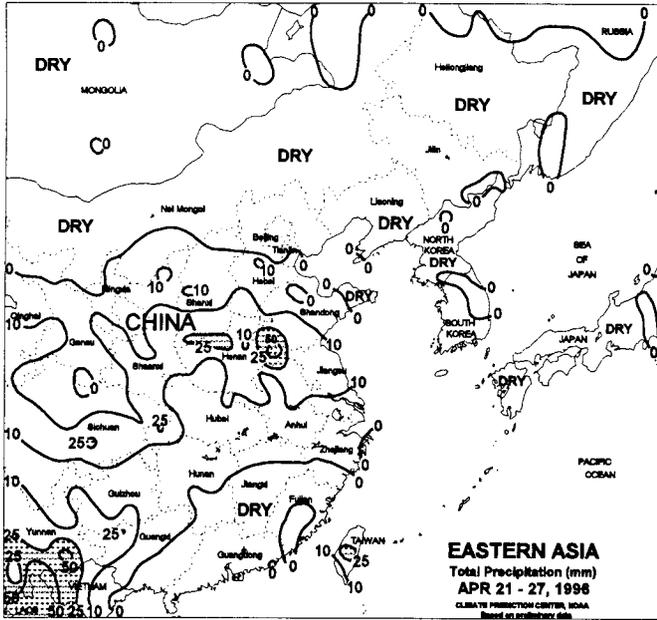


NORTHWESTERN AFRICA

In Morocco, dry weather favored maturing winter grains in the south, while light showers (generally less than 10 mm) dampened filling crops in the north. Farther east, greater amounts of rain (10-38 mm) fell over Algeria and Tunisia, benefiting those winter grains that were in the filling stage. Isolated heavier rainfall (amounts greater than 50 mm) covered coastal areas in central Algeria. Typically, winter grain harvesting begins in May and extends through July.

EASTERN ASIA

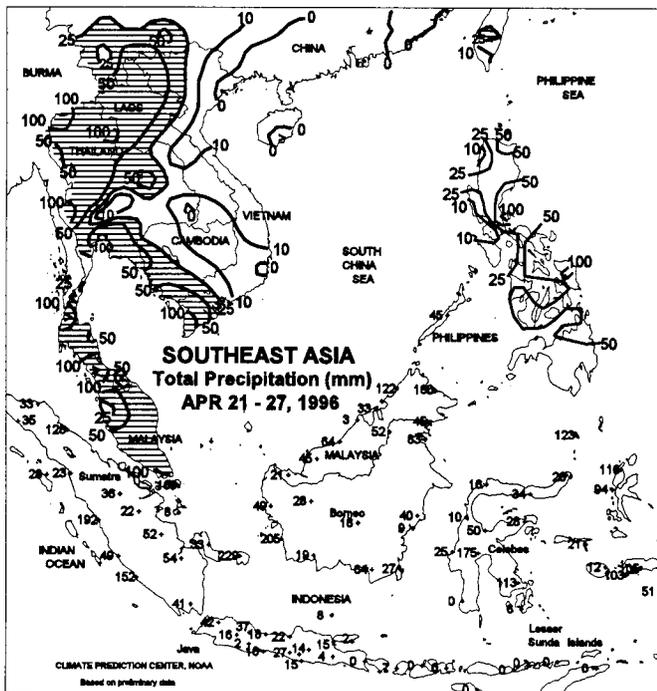
Light to moderate rain (8-25 mm, with isolated amounts greater than 40 mm) covered the southern wheat areas, aiding vegetative to reproductive winter wheat. This region includes southern Henan, northern Anhui and Jiangsu, where winter wheat development is more advanced than the rest of the North China Plain. The rain was especially beneficial since this area had been somewhat dry during April. Warmer weather (2-4 degrees C above normal) prevailed across northern China, spurring spring wheat and summer crop planting. In southern China, mostly dry weather eased excessive wetness in Guangxi and Guangdong and favored vegetative early-season rice.



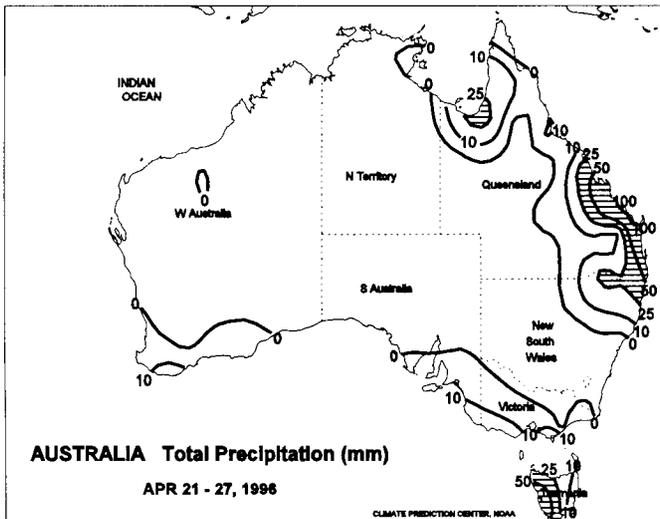
**EASTERN ASIA
Total Precipitation (mm)
APR 21 - 27, 1996**

SOUTHEAST ASIA

Seasonably drier weather (less than 25 mm) prevailed across Java, aiding main-season rice harvesting. Most of Thailand received moderate rain (25-80 mm), increasing irrigation supplies. However, the resulting cool weather (2 degrees C below normal) slowed development of immature second-season rice. Moderate to heavy showers (30-125 mm) covered Peninsular Thailand and Malaysia, favoring oil palm. Widespread showers (25-100 mm) covered the Philippines, boosting moisture reserves for main-season corn and rice. Typically, main-season corn and rice planting occurs from mid-April to mid-June.

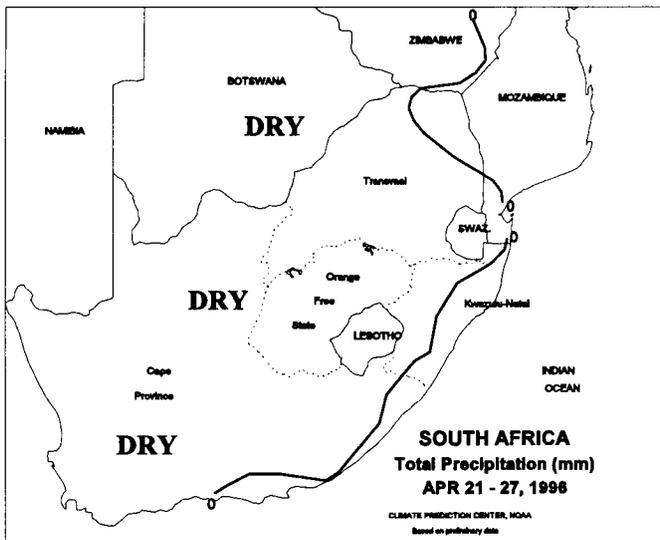


**SOUTHEAST ASIA
Total Precipitation (mm)
APR 21 - 27, 1996**



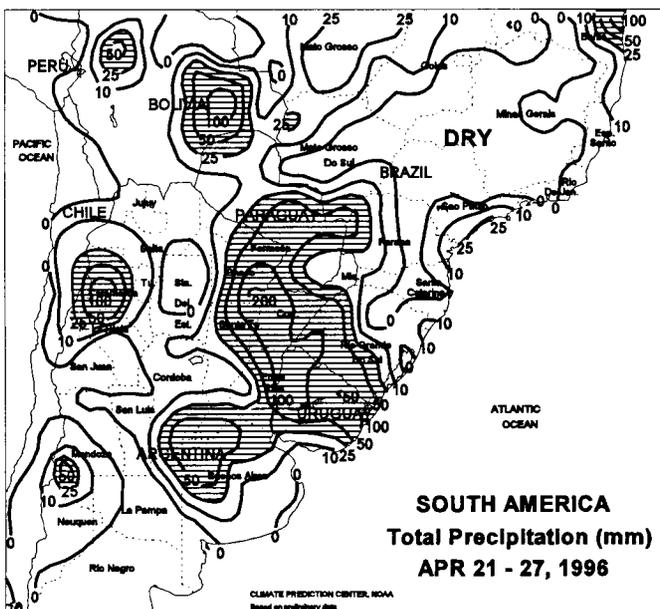
AUSTRALIA

Unseasonable rain in east-central Australia (southeastern Queensland and northeastern New South Wales) improved that region's sugarcane and early winter wheat prospects. Along the coast, heavy rain (25-100 mm or more) ended the protracted dry spell in the southern sugarcane areas, improving production prospects. Farther inland, moderate rain (10-35 mm) increased topsoil moisture for winter wheat germination and establishment. The rain was especially timely for Queensland's winter wheat and barley, which are planted during May and account for 5 to 10 percent of the national production. However, the rain was unfavorable for unharvested cotton and sorghum. Dry weather returned to winter grain areas of the west and southeast. In New Zealand, cool, dry weather (lows at or near freezing, rainfall totaling 15 mm or less) dominated the main pasture areas.



SOUTH AFRICA

Favorably drier weather returned to the region, benefiting maturing corn following last week's unusual wetness. The dryness also improved fieldwork conditions for both early corn harvesting and winter wheat planting. Temperatures averaged near normal but lows ranged from 1 to 5 degrees C throughout the corn belt, slowing growth of immature crops. On average, the first autumn freeze (0 degrees C) hits the corn belt in late April or early May, depending on location.



SOUTH AMERICA

In Argentina, rain covered most crop areas, slowing harvesting. Across the central crop regions, moderate rain (25-60 mm) slowed corn, soybean, and sorghum harvesting. Heavier rain (40-135 mm, isolated amounts greater than 200 mm) hampered cotton harvesting in the north. Periodic heavy rain since March in this region has raised cotton quality concerns. Reports as of April 19 indicate the following harvest progress: 48 percent of corn, 8 percent of soybeans, 96 percent of sunflowerseed, 25 percent of sorghum, and 18 percent of cotton. Corn and cotton harvesting were 10 to 15 percentage points behind schedule, with sorghum about 25 points behind. In southern Brazil, mostly dry weather favored summer crop harvesting. About 65 to 70 percent of the soybean crop has been harvested, slightly ahead of schedule. Soybean harvesting was nearly 90 percent complete in Parana and 30 percent done in Rio Grande do Sul.

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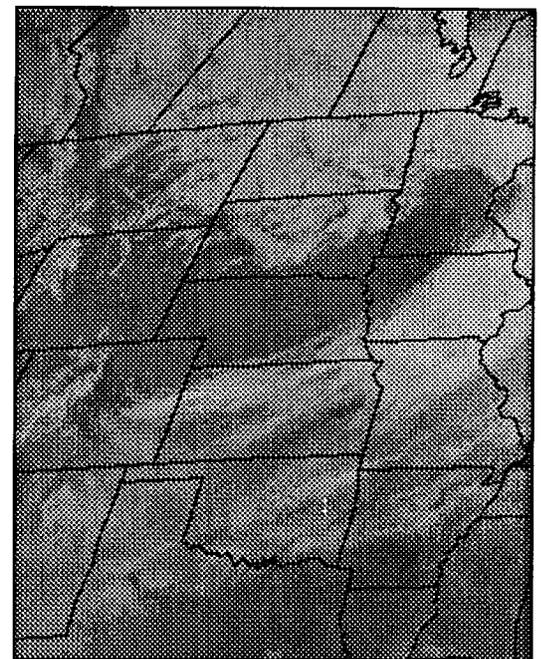
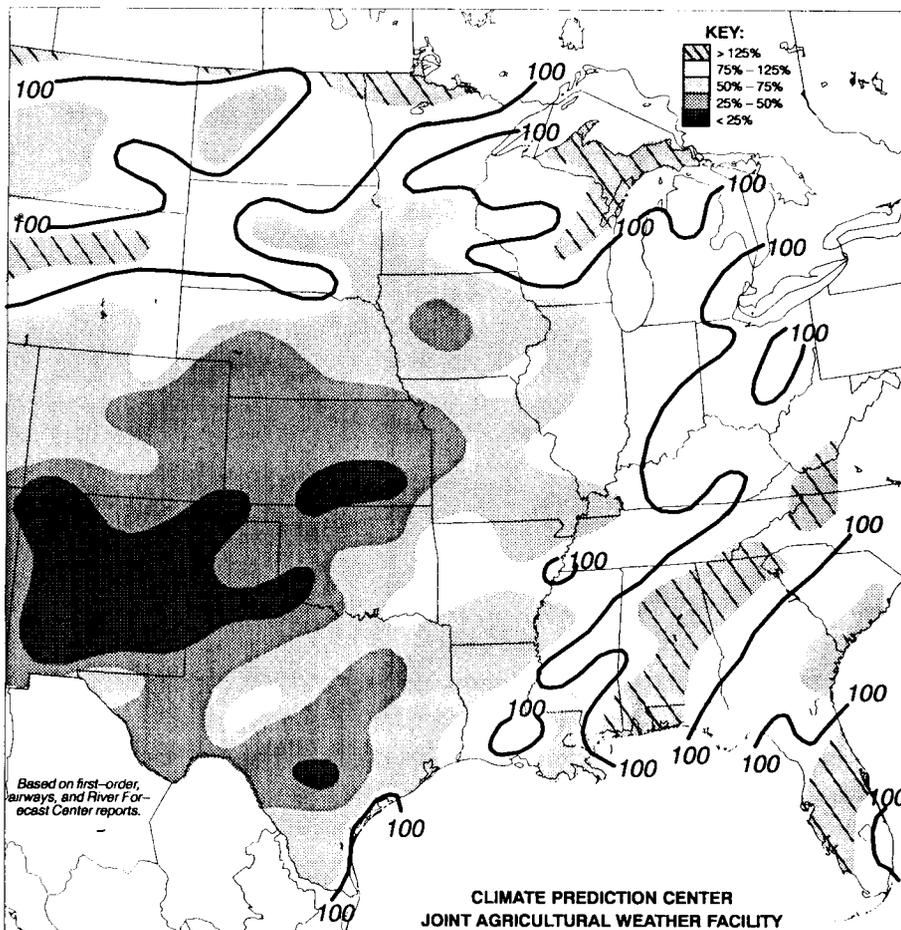
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PERCENT OF NORMAL PRECIPITATION

October 1, 1995 – April 24, 1996 [207 days]



GOES-8 Visible
April 25, 1996, 15:15 UTC
Suspended dust partially obscures
the central and southern Plains.

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