

# 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

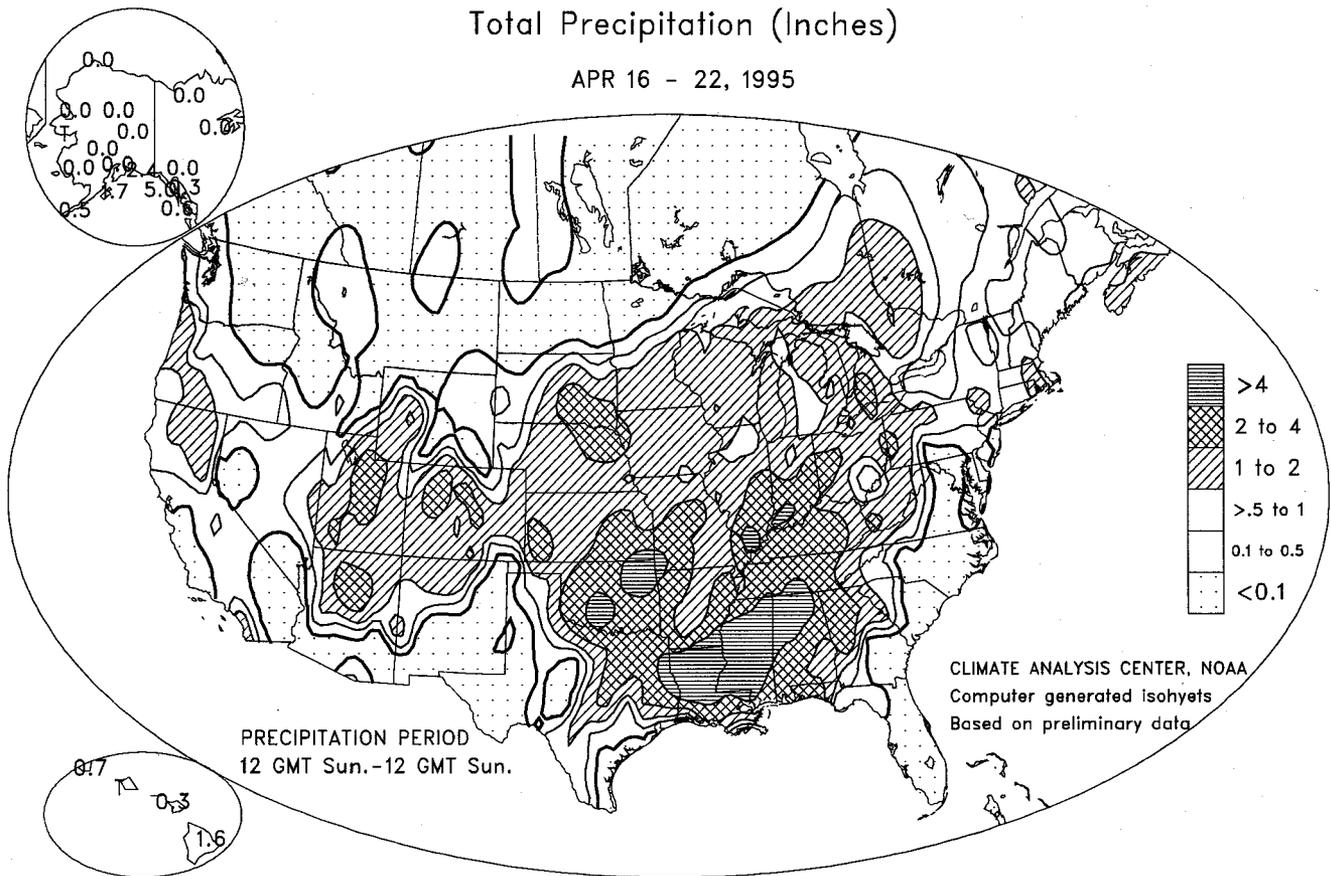
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April 25, 1995

## Total Precipitation (Inches)

APR 16 - 22, 1995



## HIGHLIGHTS

April 16 - 22, 1995

Abundant precipitation fell along the track of a pair of strong spring storms from the **Southwest** to the **Great Lakes States**. Along the storms' cold fronts, the combination of sub-tropical moisture inflow and the infusion of sharply colder air sparked heavy rain and severe thunderstorms from **central Texas** to the **Appalachians**. A late-week storm took a more easterly course, delivering additional heavy rain to the **Mississippi Delta** region, but sparing the **Midwest** from additional rainfall-induced fieldwork delays.

Early in the week, cool air lingered in the **Northwest**, while precipitation developed from **southern California** to the **Midwest**. On Sunday, **Pocatello, ID** (20°F), **Wenatchee, WA** (27°F), and **Redding, CA** (33°F) noted daily-record lows. In **southern California**, late-afternoon snow depths reached 10

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inches atop **Mt. Laguna** and 8 inches on **Mt. Wilson**. After a second shot of moisture on Tuesday, 72-hour (April 15-18) precipitation totals stood at 2.27 inches in **Ramona**, 1.52 inches on **Mt. Wilson** and 1.48 inches in **Pasadena**.

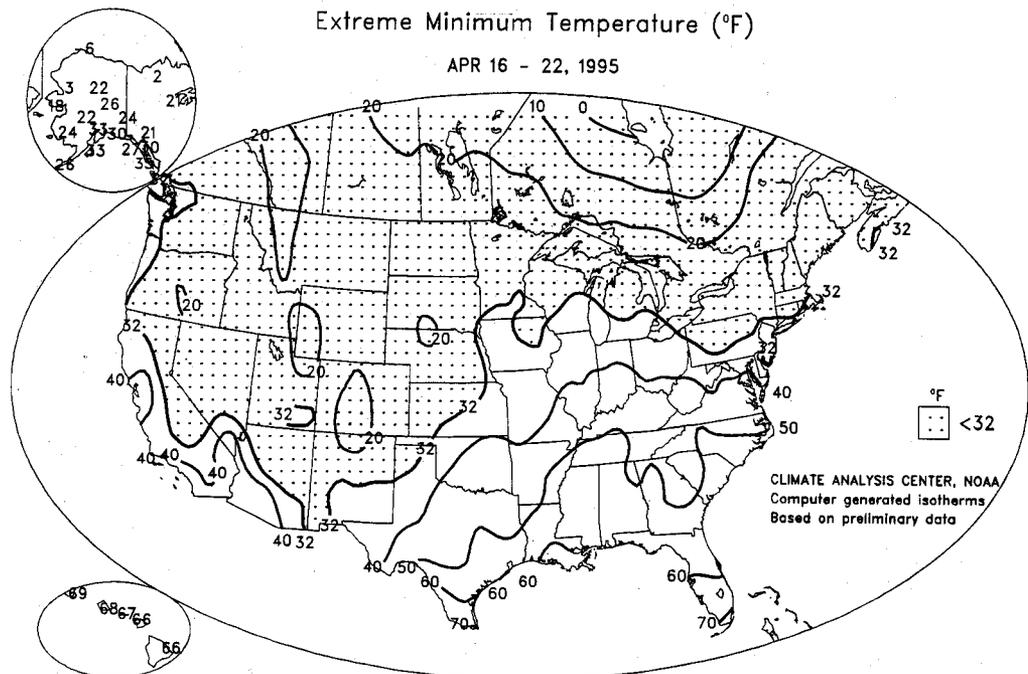
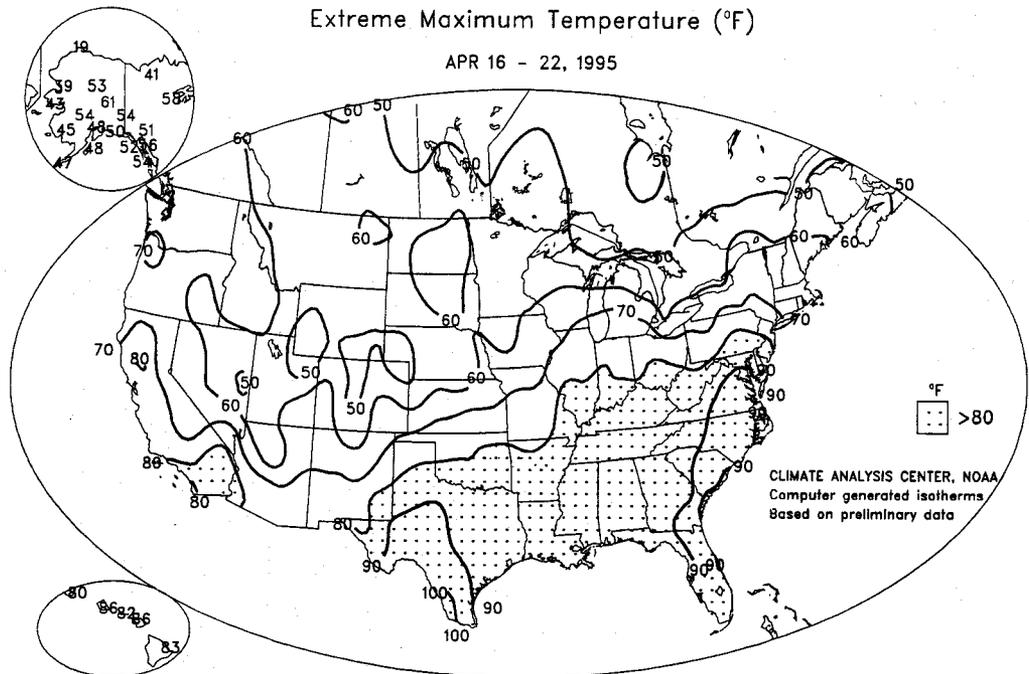
Farther north and east, impressive snowfalls occurred from the **Sierra Nevada** to **Nebraska**. On **Mammoth Mountain, CA**, more than 2 feet fell, boosting their snow depth to 171 inches by week's end. A weekly total of more than 4 feet at **Brian Head, UT**, near **Cedar City**, increased their depth to 137 inches. In **Arizona**, the **Grand Canyon's** north rim ended the week with 44 inches of snow on the ground, up from 11 inches on April 16. At slightly lower elevations, snow fell for much of the week, but melted almost as quickly. In **Flagstaff, AZ**, 24.5 inches of snow officially fell, but the maximum depths were 6 inches on Monday and 12 inches on Friday.

Snow also fell on parts of the **High Plains**, with depths reaching 12 inches in **Mullen, NE** on Tuesday, and 4 inches in **Las Vegas, NM** on Saturday. While cool weather, rain, and snow caused only minor additional damage to winter wheat, crop development slowed. In **Goodland, KS**, the temperature did not exceed 49°F during the week. Farther north, cool weather continued to hinder spring wheat planting, while in the **Midwest**, where precipitation of an inch or more was common, planting preparations remained behind schedule. **Sioux Falls, SD** (2.12 inches) and **Sioux City, IA** (2.00 inches) tallied daily-record rainfalls for April 18.

Much heavier rain pelted **northeastern Oklahoma** and the **lower Ohio Valley** (local totals in excess of 5 inches), as well as the **central Gulf Coast States** (isolated 10- to 12-inch weekly amounts in **Louisiana** and **Mississippi**). On April 20, identical 3.66-inch totals set daily records at **Evansville, IN** and **Tupelo, MS**. In addition, **Evansville's** amount was their second-highest single-day April total. Severe weather accompanied the rain, including significant tornado outbreaks on Monday (more than a dozen in the **southern Plains**) and Wednesday (more than two dozen from **Missouri** southwestward, including 17 in **north-central Texas**).

Above-normal temperatures prevailed in advance of each cold front, including midweek highs of 90°F as far north as **Baltimore, MD**. Other daily records on Wednesday included 91°F in **Charleston, SC** and 102°F in **Del Rio, TX**. Two days earlier, **Laredo, TX** hit 107°F.

Late in the week, a very dry airmass dominated the **Northwest**, producing a



broad temperature range. On Friday in Oregon, **Klamath Falls** (20°F) notched a daily-record low, but a day later, a daily-record high was established in **Astoria** (69°F). Meanwhile, unwelcomed additional rain overspread the **central Gulf Coast States**, but much-needed showers developed over the **Southeast**, where totals since March 1 remained less than 30 percent of normal at locations such as **Macon, GA**, **Florence, SC**, **Charlotte, NC**, and **Roanoke, VA**.

In **Alaska**, weekly temperatures averaged up to 17°F above normal in the central interior, and readings topped 60°F as far north as **Fairbanks** (61°F on Saturday). Temperatures averaged up to 2°F above normal in **Hawaii**, where **Hilo**—despite 1.64 inches of rain—completed its 14th consecutive week with below-normal precipitation. **Hilo's** year-to-date deficit surpassed 30 inches.

**CORRECTION:** In last week's issue, **Amarillo, TX** was reported to have had a daily-record high of 92°F on April 14, which was incorrect. The reading and the record belonged to **El Paso, TX**.

# National Weather Data for Selected Cities

## Weather Data for the Week Ending April 22, 1995

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	.50 INCH OR MORE		
AL BIRMINGHAM	80	62	83	50	71	8	2.0	.9	.9	7.6	76	15.1	77	95	51	0	0	0	4	2		
MOBILE	83	66	87	57	75	6	2.6	1.6	2.5	14.3	148	24.2	121	98	51	0	0	0	2	1		
MONTGOMERY	84	62	88	52	73	9	2.2	1.2	2.2	7.4	77	19.4	98	96	52	0	0	0	3	1		
AK ANCHORAGE	47	34	48	33	40	3	.0	.2	.0	.9	72	2.4	86	84	51	0	0	0	0	0		
BARROW	13	3	19	-6	8	8	.8	.1	.8	.3	106	.8	154	91	84	0	0	7	0	0		
FAIRBANKS	57	30	61	26	43	10	.0	.1	.0	.4	59	.9	59	90	25	0	5	0	0	0		
JUNEAU	51	38	56	30	44	4	.3	.4	.2	3.3	63	.9	92	50	0	1	3	0	0			
KODIAK	45	35	48	33	40	2	1.7	.7	.9	10.8	142	25.0	123	95	63	0	0	6	1	0		
WOME	37	26	43	18	31	12	.7	.2	.8	.6	59	3.6	148	85	65	0	6	1	0	0		
AZ PHOENIX	69	48	78	46	58	-12	.3	.3	.1	1.3	119	3.0	124	80	28	0	0	3	0	0		
PRESCOTT	49	32	60	28	40	-10	.4	.2	.2	1.3	53	4.3	77	80	43	0	3	4	0	0		
TUCSON	71	41	77	38	56	-11	.3	.2	.2	.8	84	3.6	142	69	14	0	0	2	0	0		
YUMA	73	50	84	44	62	-10	.1	.1	.1	.3	86	1.9	213	63	20	0	0	2	0	0		
AR FORT SMITH	74	53	82	44	63	1	2.0	1.1	1.3	6.2	92	10.3	91	95	45	0	0	4	1	1		
LITTLE ROCK	75	58	81	50	66	2	1.9	.9	1.0	8.1	99	13.9	94	80	44	0	0	5	2	2		
CA BAKERSFIELD	65	44	80	39	54	-9	.5	.4	.3	4.1	275	7.3	213	83	37	0	0	3	0	0		
BUREKA	57	40	64	35	48	-2	.7	.1	.3	17.5	229	31.7	173	90	55	0	0	4	0	0		
FRESNO	65	44	77	38	55	-7	.6	.4	.2	6.8	253	13.1	205	89	28	0	0	4	0	0		
LOS ANGELES	64	48	78	46	56	-4	.7	.6	.7	6.4	246	19.7	263	86	31	0	0	2	1	1		
REDDING	67	39	81	33	53	-5	.6	.2	.3	16.6	274	41.2	249	82	34	0	0	4	0	0		
SACRAMENTO	66	44	77	42	55	-4	.4	.1	.2	8.8	246	21.3	210	92	37	0	0	3	0	0		
SAN DIEGO	63	50	76	49	57	-5	1.0	.9	.6	4.8	198	14.8	256	80	32	0	0	3	1	1		
SAN FRANCISCO	60	45	74	41	53	-3	.1	.2	.1	9.6	227	18.9	160	89	50	0	0	2	0	0		
CO DENVER	47	28	53	26	38	-11	.3	.2	.2	.8	32	2.8	52	98	56	0	6	3	0	0		
GRAND JUNCTION	57	35	68	32	46	-9	.6	.4	.3	2.5	131	3.5	121	92	33	0	2	5	2	2		
PUEBLO	48	29	67	25	39	-14	2.0	1.8	.9	3.3	234	3.4	170	93	63	0	6	5	2	2		
CT BRIDGEPORT	62	44	68	36	53	3	1.1	.2	.7	5.3	81	11.1	87	82	42	0	0	3	2	1		
HARTFORD	63	40	70	28	51	1	.9	.0	.7	3.6	55	10.7	81	85	41	0	2	2	1	1		
DC WASHINGTON	75	52	91	43	64	6	.7	.6	.0	2.4	47	7.3	69	75	29	1	0	1	0	0		
FL PANAMA CITY	82	66	86	57	74	7	.8	.0	.8	7.6	90	11.8	63	97	70	0	0	1	1	1		
DAYTONA BEACH	87	62	91	53	75	5	.0	.5	.0	3.1	70	6.1	58	98	49	2	0	0	0	0		
JACKSONVILLE	90	58	93	52	74	5	.0	.6	.0	5.3	98	9.3	75	96	35	4	0	0	0	0		
KEY WEST	85	77	87	73	81	3	.0	.4	.0	2.0	69	6.3	94	74	59	0	0	0	0	0		
MIAMI	85	73	88	69	79	3	.0	.7	.0	6.5	152	11.0	132	77	52	0	0	0	0	0		
ORLANDO	89	65	91	57	77	5	.0	.4	.0	2.7	61	5.4	55	96	49	3	0	0	0	0		
TALLAHASSEE	85	55	89	48	70	3	.1	.7	.1	7.1	78	13.0	67	95	47	0	0	1	0	0		
TAMPA	87	66	89	60	77	5	.0	.2	.0	3.1	81	8.6	97	90	51	0	0	0	0	0		
WEST PALM BEACH	86	69	87	64	78	3	.0	.7	.0	2.6	53	5.9	57	78	48	0	0	0	0	0		
GA ATLANTA	82	63	86	58	73	10	1.0	.1	.7	4.0	45	14.1	76	86	46	0	0	2	1	1		
AUGUSTA	85	56	89	41	71	8	1.1	.4	.8	2.4	34	12.7	82	95	44	0	0	2	1	1		
Macon	83	57	85	46	70	5	.7	.8	.7	3.4	46	14.7	88	97	46	0	0	1	0	0		
SAVANNAH	90	63	91	56	76	9	.0	.7	.0	1.3	22	8.2	64	86	35	4	0	0	0	0		
HI HILO	82	68	83	66	75	2	1.6	-1.9	.7	7.9	31	14.0	31	91	64	0	0	6	2	2		
HONOLULU	85	71	86	68	78	2	.7	.3	.7	1.9	57	8.7	95	76	52	0	0	1	0	0		
KAHULUI	83	70	86	66	76	2	.3	.1	.3	2.5	60	6.1	55	75	53	0	0	2	0	0		
LIHOE	79	71	80	69	75	1	.7	.1	.5	3.8	56	11.1	69	76	63	0	0	3	0	0		
ID BOISE	56	34	63	29	45	-5	.1	.2	.1	2.4	109	5.0	107	79	27	0	3	1	0	0		
LEWISTON	55	39	65	32	47	-4	.7	.3	.7	.5	24	2.4	60	72	39	0	1	0	0	0		
POCATELLO	54	29	58	20	42	-4	.1	.2	.1	3.4	157	5.2	128	91	38	0	4	1	0	0		
IL CHICAGO	59	42	76	41	51	1	.8	.0	.6	4.8	90	8.4	102	89	49	0	0	4	1	1		
MOLINE	61	42	71	36	51	0	.7	.2	.7	5.6	96	9.4	110	91	49	0	0	3	1	1		
PEORIA	63	44	76	37	54	1	.8	.1	.4	5.3	94	8.7	101	92	51	0	0	4	0	0		
QUINCY	62	43	71	36	53	-2	1.1	.2	.8	3.7	63	6.9	79	77	49	0	0	3	1	1		
ROCKFORD	60	41	73	38	50	1	.6	.3	.6	3.9	77	5.8	77	97	56	0	0	2	1	1		
SPRINGFIELD	66	47	80	41	56	2	1.4	.6	.7	5.6	95	10.2	110	90	51	0	0	4	2	2		
IN EVANSVILLE	75	56	84	46	65	6	4.5	3.5	3.6	7.3	91	13.1	90	84	46	0	0	5	2	2		
FORT WAYNE	64	41	78	38	53	2	1.1	.3	.5	6.8	126	10.0	109	87	47	0	0	4	1	1		
INDIANAPOLIS	69	48	79	43	58	5	1.5	.7	.5	5.1	78	8.4	75	88	51	0	0	4	2	2		
SOUTH BEND	61	41	79	37	51	1	.9	.0	.5	5.5	92	9.6	95	88	48	0	0	3	0	0		
IA DES MOINES	56	39	61	34	47	-5	1.0	.2	.6	6.1	130	7.8	117	91	48	0	0	4	1	1		
SIOUX CITY	52	37	61	34	45	-7	2.9	2.4	2.0	6.2	173	6.7	138	90	56	0	0	4	2	2		
WATERLOO	56	36	68	30	46	-4	1.4	.6	.8	6.0	129	6.9	106	94	52	0	1	4	1	1		
KS CONCORDIA	53	37	58	31	45	-9	.6	.1	.3	3.7	99	4.5	89	96	62	0	1	4	0	0		
DODGE CITY	54	36	71	31	45	-11	1.6	1.1	.6	2.9	97	3.7	90	96	61	0	2	5	1	1		
GOODLAND	46	31	49	28	38	-12	1.2	.9	.7	2.5	129	3.0	109	97	70	0	6	4	1	1		
TOPEKA	58	42	64	34	50	-6	2.1	1.4	1.2	4.7	102	6.8	103	93	53	0	0	5	2	2		
WICHITA	61	42	77	36	51	-7	1.7	1.0	1.1	4.5	97	5.2	79	94	56	0	0	3	2	2		
KY BOWLING GREEN	77	59	82	50	68	10	1.4	.4	.7	3.0	36	8.1	50	94	59	0	0	3	2	2		
LEXINGTON	74	54	80	43	64	8	1.8	.9	.9	6.3	87	13.5	102	87	46	0	0	4	2	2		
LOUISVILLE	75	56	81	47	66	8	1.4	.4	.8	4.0	52	8.9	64	88	50	0	0	4	1	1		
LA BARON CHARLES	85	67	87	60	76	6	.2	-1.1	.2	18.5	211	27.4	143	100	65	0	0	2	0	0		
LAKE CHARLES	83	68	87	56	76	7	.2	-.6	.2	10.4	187	18.1	133	96	71	0	0	2	0	0		
NEW ORLEANS	85	70	86	58	77	8	.5	-.6	.4	11.3	137	19.9	103	92	58	0	0	3	0	0		
SHERVEPORT	79	59	84	48	69	3	5.0	4.1	4.1	11.6	170	20.8	137	93	55	0	0	3	2	2		

Based on 1961-90 normals.

Weather Data for the Week Ending April 22, 1995

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			
													90 AND ABOVE				32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
ME CARIBOU	48	31	54	26	40	0	.7	-.1	.3	4.3	101	12.7	148	86	53	0	5	3	0	0
PORTLAND	54	36	63	30	45	0	.5	-.4	.3	4.1	61	12.6	93	88	48	0	3	3	0	0
MD BALTIMORE	75	51	90	36	63	8	.7	-.7	.3	2.9	51	7.1	60	67	25	1	0	0	0	0
SALISBURY	76	51	87	35	64	9	.7	-.7	.3	2.5	39	6.4	47	89	39	0	0	0	0	0
MA BOSTON	56	41	67	34	49	-1	.7	-.1	.6	3.6	57	10.5	77	86	53	0	0	2	1	1
CHATHAM	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MI ALPENA	47	30	53	21	39	-4	1.4	-.9	.9	2.8	75	5.4	81	85	54	0	4	3	2	0
DETROIT	59	42	71	39	50	2	1.1	-.5	.6	4.9	105	8.3	101	77	42	0	0	4	2	0
FLINT	57	37	63	32	47	0	.6	-.1	.3	2.8	65	5.6	80	81	48	0	1	4	0	0
GRAND RAPIDS	56	37	74	30	47	-1	.9	-.1	.5	3.6	71	7.3	87	87	54	0	1	4	1	1
HOUGHTON LAKE	52	35	61	32	44	0	1.2	-.7	.8	3.4	94	6.1	98	78	45	0	1	3	1	1
LANSING	56	36	71	31	46	0	.8	-.1	.4	3.9	90	7.4	106	90	49	0	1	4	0	0
MARQUETTE	41	29	49	24	35	-4	1.2	-.6	.7	5.6	119	9.9	115	93	58	0	7	3	1	1
MUSKOGON	55	37	71	31	46	0	1.7	-.0	.3	3.2	70	7.4	87	88	49	0	2	3	0	0
SAULT ST. MARIE	44	28	52	24	36	-4	1.5	-.9	.8	4.5	112	8.2	100	88	52	0	7	3	2	0
MO ALEXANDRIA	48	32	55	30	40	-5	.4	-.2	.4	2.9	99	3.9	86	95	57	0	4	1	0	0
DULUTH	44	31	54	28	37	-3	.6	-.1	.5	3.6	103	6.0	109	84	55	0	5	4	0	0
INT'L FALLS	48	29	56	24	38	-3	.2	-.2	.2	1.6	76	3.3	91	85	44	0	6	2	0	0
MINNEAPOLIS	52	36	61	33	44	-4	.9	-.3	.7	3.9	106	4.5	82	88	46	0	0	4	1	1
ROCHESTER	50	35	57	32	42	-4	1.5	-.8	.7	5.8	157	6.4	123	97	58	0	3	4	1	1
MS GREENWOOD	82	63	88	54	72	7	5.9	4.7	3.5	12.6	131	18.3	97	94	53	0	0	2	2	2
JACKSON	82	62	86	53	72	7	2.5	1.2	1.8	10.7	107	16.4	81	95	58	0	0	2	2	2
MERIDIAN	83	64	87	54	74	9	4.2	3.0	2.8	11.3	104	18.7	87	98	53	0	0	3	2	2
MO CAPE GIRARDEAU	74	55	82	45	65	6	1.4	-.3	.7	3.7	45	10.7	74	95	54	0	0	4	1	1
COLUMBIA	64	46	71	37	55	0	2.8	2.0	1.3	5.8	103	12.4	138	88	56	0	0	5	2	2
KANSAS CITY	60	42	68	33	51	-5	.9	-.2	.5	2.4	52	5.2	76	88	52	0	0	5	0	0
SAINT LOUIS	69	52	82	42	61	3	1.4	-.6	.7	5.2	85	11.0	109	87	50	0	0	5	1	1
SPRINGFIELD	67	48	77	37	58	1	2.1	1.2	1.0	5.8	87	11.3	109	93	50	0	0	7	1	1
MT BILLINGS	52	32	58	29	42	-5	.1	-.3	.1	2.8	120	3.6	93	87	46	0	5	3	0	0
GLASGOW	55	32	61	27	44	-2	T	-.1	T	2.1	251	2.1	145	90	36	0	5	1	0	0
GREAT FALLS	54	28	59	23	41	-4	T	-.3	T	2.4	119	2.6	72	88	33	0	4	1	0	0
HAVRE	57	30	60	26	44	-2	T	-.2	T	1.9	148	2.2	99	87	32	0	5	1	0	0
HELENA	54	28	60	20	41	-3	.3	-.1	.2	1.3	91	1.3	55	86	32	0	4	3	0	0
KALISPELL	53	29	58	23	41	-3	.4	-.1	.4	2.9	164	4.5	102	95	42	0	6	1	0	0
MILES CITY	53	33	59	27	43	-5	T	-.3	T	2.1	139	2.5	98	85	36	0	4	0	0	0
MISSOULA	57	31	62	21	44	-1	.1	-.1	.1	1.3	80	2.5	68	80	30	0	4	2	0	0
NE GRAND ISLAND	49	33	56	29	41	-11	1.7	1.1	.7	3.7	102	4.4	91	95	64	0	4	4	2	2
LINCOLN	53	36	60	29	45	-9	1.5	-.8	.9	5.3	132	6.5	124	93	58	0	2	4	2	2
NORFOLK	51	36	60	31	43	-8	2.0	1.5	.9	6.1	176	7.0	148	91	53	0	1	4	2	2
NORTH PLATTE	46	29	57	26	38	-12	1.4	-.9	1.1	3.3	131	3.5	105	94	63	0	7	5	1	1
OMAHA	54	38	62	33	46	-7	.6	-.5	.4	4.0	105	5.3	99	91	51	0	0	3	0	0
SCOTT'S BLUFF	45	32	52	29	39	-9	1.0	-.6	.4	2.2	103	3.9	126	97	62	0	4	4	0	0
VALENTINE	44	27	56	14	35	-15	.9	-.4	.3	1.8	63	2.3	62	90	60	0	7	5	0	0
NV RLY	43	27	45	24	35	-7	1.0	-.8	.3	2.6	158	4.2	137	96	56	0	7	6	0	0
LAS VEGAS	67	49	75	42	58	-7	T	-.0	T	.4	72	3.5	227	56	20	0	0	2	0	0
RENO	52	30	66	26	41	-8	.1	-.1	.1	3.1	316	6.6	216	86	35	0	6	2	0	0
WINDHECCA	52	29	59	23	40	-7	.2	-.0	.1	2.0	144	3.6	131	90	31	0	6	2	0	0
NH CONCORD	58	34	67	22	46	1	.5	-.2	.3	3.9	80	9.3	94	96	42	0	4	3	0	0
NJ ATLANTIC CITY	68	42	80	25	55	4	T	-.8	T	1.7	28	6.4	50	83	42	0	2	1	0	0
NM ALBUQUERQUE	58	38	71	32	48	-8	.4	-.3	.2	.9	99	1.8	98	67	27	0	1	3	0	0
CLOVIS	67	41	75	31	54	-4	T	-.2	T	.6	56	1.2	58	62	19	0	1	0	0	0
ROSWELL	70	45	81	39	58	-5	T	-.1	T	.4	61	..	..	42	15	0	0	0	0	0
NY ALBANY	60	38	66	23	49	1	.4	-.3	.3	3.9	75	7.9	81	86	39	0	2	2	0	0
BINGHAMTON	58	37	67	28	48	2	.7	-.1	.4	3.5	70	8.5	87	80	41	0	2	4	0	0
BUFFALO	57	36	68	27	47	0	.3	-.4	.2	2.6	54	10.1	103	76	47	0	2	3	0	0
NEW YORK	67	48	75	43	57	5	.2	-.7	.1	2.7	42	9.4	76	79	38	0	0	3	0	0
ROCHESTER	57	35	69	28	46	-1	.1	-.5	.1	2.0	49	6.1	73	78	42	0	3	2	0	0
SYRACUSE	59	38	69	27	48	1	.1	-.7	.1	2.7	51	6.7	69	79	41	0	3	2	0	0
NC ASHEVILLE	78	51	84	40	64	8	T	-.8	T	2.6	30	12.5	74	93	41	0	0	1	0	0
CHARLOTTE	82	60	88	54	71	11	.1	-.5	.1	1.9	29	10.7	77	80	33	0	0	1	0	0
GREENSBORO	82	56	89	48	69	11	T	-.7	T	2.1	36	8.6	70	85	32	0	0	0	0	0
HATTERAS	80	64	85	55	72	12	.0	-.8	.0	2.0	29	16.7	102	86	29	0	0	0	0	0
NEW BERN	87	61	92	52	74	12	.0	-.7	.0	1.8	29	5.4	37	92	41	3	0	0	0	0
RALEIGH	83	57	89	49	70	10	.0	-.6	.0	3.6	64	12.6	98	87	18	0	0	0	0	0
WILMINGTON	87	62	91	54	74	13	.0	-.7	.0	4.5	67	13.9	88	96	41	2	0	0	0	0
ND BISMARCK	54	30	62	26	42	-3	.1	-.4	.0	2.4	125	3.1	110	94	46	0	6	2	0	0
FARGO	52	31	61	26	42	-3	T	-.5	T	3.3	141	4.7	135	87	50	0	4	0	0	0
GRAND FORKS	51	31	59	27	41	-3	.1	-.3	.1	1.8	98	2.6	84	93	50	0	6	2	0	0
WILLISTON	55	31	61	26	43	-2	.1	-.2	.1	1.8	117	2.9	116	95	39	0	5	2	0	0
OH AKRON-CANTON	64	42	72	35	53	3	.9	-.1	.4	4.7	84	10.9	110	81	43	0	0	4	0	0
CINCINNATI	72	50	80	41	61	7	1.6	-.7	.7	5.9	85	11.3	92	87	55	0	0	4	1	1
CLEVELAND	63	43	75	37	53	4	1.6	-.8	1.3	5.8	112	13.3	142	82	44	0	0	3	1	1
COLUMBUS	69	47	82	37	58	8	1.0	-.2	.8	4.4	78	10.6	107	85	46	0	0	5	1	1
DAYTON	68	46	78	40	57	5	2.6	1.8	1.9	7.1	120	11.0	107	88	56	0	0	5	1	1

Based on 1961-90 normals.

Weather Data for the Week Ending April 22, 1995

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	.50 INCH OR MORE
TOLEDO	62	42	80	39	52	3	1.0	.3	.4	5.8	119	9.4	113	87	45	0	0	4	0
YOUNGSTOWN	62	40	72	32	51	3	1.0	.3	.4	3.8	70	7.7	81	84	48	0	1	2	0
OK OKLAHOMA CITY	66	48	79	42	57	-5	2.5	1.9	1.4	5.8	127	7.1	98	97	61	0	0	3	3
TULSA	66	51	79	43	59	-4	2.6	1.7	1.4	5.7	94	7.2	76	93	59	0	0	3	3
OR ASTORIA	56	38	69	34	47	-2	1.2	.2	.4	13.8	129	29.9	106	96	57	0	0	4	0
BURNS	47	27	58	23	37	-6	1.2	.1	.2	2.7	186	6.0	185	78	36	0	6	2	0
MEDFORD	60	35	76	33	47	-5	1.3	.1	.2	4.3	158	10.2	139	93	43	0	0	3	0
PENDLETON	56	36	65	30	46	-5	1.2	.1	.2	3.0	155	6.6	144	79	33	0	1	1	0
PORTLAND	60	39	77	35	49	-2	1.6	.1	.3	7.0	130	15.7	108	89	42	0	0	4	0
SALEM	59	36	71	32	48	-2	1.0	.4	.4	8.1	133	21.0	128	92	45	0	2	4	0
PA ALLENTOWN	67	43	79	32	55	4	T	.8	T	4.8	83	10.9	91	77	36	0	1	1	0
ERIE	57	37	68	27	47	0	1.3	.5	.1	5.0	92	10.0	101	83	47	0	1	2	0
HARRISBURG	69	46	88	34	58	5	1.1	.7	.1	2.5	44	7.5	66	84	42	0	0	1	0
SC PHILADELPHIA	72	50	84	38	61	8	T	.9	T	2.8	45	8.4	65	75	40	0	0	1	0
PITTSBURGH	66	44	77	34	55	4	1.2	.5	.1	2.9	51	6.9	65	72	39	0	0	4	0
SCRANTON	64	41	79	30	53	4	1.3	.4	.2	3.3	71	7.5	84	78	34	0	2	2	0
RI PROVIDENCE	61	42	70	33	51	3	1.0	.0	.6	4.7	66	11.5	79	82	44	0	0	2	1
SC CHARLESTON	88	64	91	56	76	10	1.2	.4	.2	2.1	33	9.8	75	91	40	2	0	1	0
COLUMBIA	88	59	92	45	74	10	1.1	.6	.1	2.3	32	13.5	85	83	29	2	0	1	0
FLORENCE	90	61	92	53	75	11	T	.6	T	1.7	27	12.4	96	89	32	4	0	0	0
GREENVILLE	84	58	88	51	71	10	1.5	.3	.5	2.9	34	14.4	86	83	34	0	0	1	1
SD ABERDEEN	51	33	62	28	42	-5	1.5	.0	.4	4.1	174	5.3	146	91	53	0	3	2	0
HURON	50	32	61	28	41	-7	2.0	1.5	1.8	7.6	242	8.3	197	95	59	0	3	3	1
RAPID CITY	48	31	56	24	39	-7	1.3	.2	.1	2.3	97	2.9	89	88	51	0	3	7	0
SIoux FALLS	50	35	59	31	42	-6	2.8	2.1	2.1	8.7	255	9.0	198	90	61	0	2	4	1
TN CHATTANOOGA	81	57	86	49	69	9	1.3	.3	1.0	5.3	57	17.1	90	90	36	0	0	4	1
KNOXVILLE	78	59	84	50	68	10	1.0	.2	.5	4.9	62	14.5	90	91	42	0	0	4	1
MEMPHIS	75	61	81	52	68	4	1.1	-1.2	.1	4.5	48	13.8	79	85	48	0	0	1	0
NASHVILLE	77	62	83	53	69	9	2.5	1.5	1.5	7.0	87	14.5	94	87	49	0	0	4	2
TX ABILENE	80	52	90	43	66	0	T	.5	T	2.7	101	4.4	90	79	29	1	0	1	0
AMARILLO	83	38	78	30	51	-7	.6	.4	.4	1.6	99	1.9	69	82	33	0	1	3	0
AUSTIN	83	59	86	52	71	0	.9	.3	.3	5.0	141	7.3	98	93	46	0	0	5	0
BRAUNMONT	82	66	86	55	74	4	1.1	.8	.0	7.3	129	14.7	107	98	70	0	0	2	0
BROWNSVILLE	90	74	94	71	82	6	T	.4	T	.6	41	1.4	33	91	50	4	0	0	0
CORPUS CHRISTI	86	68	88	61	77	4	T	.4	T	5.2	256	8.2	144	92	50	0	0	1	0
DEL RIO	92	62	102	55	77	5	1.1	.5	.1	1.8	68	2.2	42	92	35	4	0	1	0
EL PASO	73	49	81	42	61	-3	T	.0	T	.5	102	1.6	124	42	12	0	0	1	0
FORT WORTH	76	58	82	49	67	2	1.8	1.0	1.5	12.1	216	14.6	149	94	55	0	0	3	1
GALVESTON	79	70	81	65	75	4	T	.6	T	5.6	143	6.9	73	95	75	0	0	0	0
HOUSTON	84	65	86	54	74	5	1.2	.7	.2	6.7	121	15.2	118	94	62	0	0	1	0
LUBBOCK	73	48	85	36	60	-2	1.1	.2	.0	1.3	88	1.9	75	79	21	0	0	2	0
MIDLAND	80	49	91	39	65	-1	T	.2	T	.6	65	2.0	103	78	16	1	0	1	0
SAN ANGELO	84	51	92	40	67	-1	.3	.1	.3	3.7	184	6.8	176	82	24	3	0	2	0
SAN ANTONIO	88	60	94	50	74	4	1.2	.4	.2	1.7	52	3.1	47	91	41	3	0	3	0
VICTORIA	83	64	87	53	74	3	1.2	.5	.1	4.9	120	6.0	59	93	59	0	0	3	0
WACO	79	58	83	50	68	0	2.8	2.1	1.1	10.9	240	12.8	155	95	60	0	0	5	3
WICHITA FALLS	73	51	86	43	62	-2	1.4	.7	.6	3.9	86	4.8	62	85	46	0	0	4	1
UT CEDAR CITY	48	31	53	27	39	-9	1.0	.8	.6	3.5	162	4.9	131	98	57	0	6	4	1
SALT LAKE CITY	53	36	57	31	45	-6	.7	.2	.4	4.0	115	6.9	118	88	44	0	1	6	0
VT BURLINGTON	54	38	64	29	46	1	1.4	.3	.2	3.2	76	6.4	83	83	47	0	3	4	0
VA NORFOLK	79	56	92	44	67	9	1.1	.6	.1	3.6	62	7.9	65	82	22	1	0	1	0
RICHMOND	80	53	92	43	66	8	T	.7	T	1.6	27	10.8	94	72	24	1	0	2	0
ROANOKE	79	52	91	49	65	9	T	.7	T	1.6	27	10.8	94	72	24	1	0	2	0
WA QUILLAYUTE	55	37	68	33	46	-1	1.2	.4	.6	15.8	91	40.9	92	96	48	0	0	4	1
SEATTLE-TACOMA	58	42	67	38	50	0	1.4	.1	.3	6.1	113	15.5	105	93	44	0	0	4	0
SPOKANE	55	32	64	29	43	-3	T	.3	T	4.7	199	9.1	156	85	34	0	4	1	0
YAKIMA	61	29	69	25	45	-5	1.1	.0	.1	1.6	152	3.9	130	83	26	0	5	1	0
WV BECKLEY	71	53	80	46	62	10	.7	.1	.6	3.3	57	11.2	96	77	39	0	0	2	1
CHARLESTON	76	51	85	41	64	8	.6	.2	.3	3.8	62	12.8	107	87	51	0	0	3	0
HUNTINGTON	76	53	85	44	65	11	.6	.3	.3	4.2	68	11.7	96	80	37	0	0	4	0
PARKERSBURG	72	49	82	40	60	6	T	.8	T	2.0	31	7.2	58	87	43	0	0	0	0
WI GREEN BAY	50	37	61	33	44	-2	1.2	.6	1.0	3.9	103	4.9	83	86	52	0	0	4	1
LACROSSE	55	38	61	31	46	-3	1.1	.6	1.0	3.9	103	4.9	83	86	52	0	0	4	1
MADISON	58	38	69	34	48	0	1.2	.5	.7	5.0	113	7.2	109	89	48	0	0	5	1
MILWAUKEE	54	40	71	37	47	1	1.1	.2	.7	4.2	80	6.5	79	90	56	0	0	5	1
WAUSAU	51	34	61	31	43	-3	1.1	.5	.9	3.5	91	4.3	75	83	39	0	2	3	1
WY CASPER	45	30	53	25	37	-7	.4	.0	.2	1.2	61	3.0	96	94	63	0	7	6	0
CHEYENNE	41	28	53	27	35	-9	.6	.3	.3	1.0	50	2.1	78	97	70	0	7	6	0
LANDER	44	31	51	28	38	-7	1.1	.6	.4	2.1	80	3.6	99	96	54	0	5	7	0
SHERIDAN	50	32	56	25	41	-4	.1	.3	.1	1.6	73	3.4	96	85	46	0	3	2	0
PR SAN JUAN	85	74	86	72	80	0	.4	.6	.3	4.2	86	11.3	114	85	59	0	0	2	0

Based on 1961-90 normals.

# National Agricultural Summary

April 17 - 23, 1995

**HIGHLIGHTS:** Cool weather and wet fields over the central Great Plains and southern Mississippi Valley slowed fieldwork. Freezing temperatures from western Kansas through the Texas High Plains further stressed winter wheat stands. Wet soils in the Northern States delayed small grain planting. Soil moisture remained short to adequate in the Atlantic States despite late week showers. Light rains across northern California hampered crop planting and field activities. Persistently cool soil temperatures in the Midwest delayed corn planting. Producers in the Great Lakes region continued to wait for warmer and drier weather to begin planting. A return of winter weather in New Mexico limited planting and field preparation. Heavy rains in Mississippi curtailed planting progress and flooded low-lying fields. Planting progress elsewhere in the Delta was stalled by heavy rains late in the week.

The Nation's **winter wheat** crop was in mostly good to fair condition. Damage from the previous week's freezing temperatures was still being evaluated. Very cold weather in western Kansas increased the possibility of additional damage to winter wheat fields. Rust and tan spots were reported in the eastern districts of Kansas. Light rain in the Texas High Plains failed to revitalize the dryland wheat, with some fields close to being abandoned. Central Texas wheat showed good progress with insect pressure decreasing. In Georgia, the amount of wheat rated good to excellent fell due to diseases and dry weather, from 35% last week to 23% for the current week. High winds caused some lodging of wheat in California. Wheat headed in the 19 major producing States was 14% complete, up 7 points from last week and 1 point ahead of the 5-year average. Wheat headed in Arkansas was 40 points ahead of the average.

**Spring wheat** seeding was 5% complete, up 2 points from last week and 25 points below average. Extremely wet fields prevented farmers from planting in the Northern States, where progress is 2 weeks behind normal. Some producers considered switching to later-season row crops instead of small grains. South

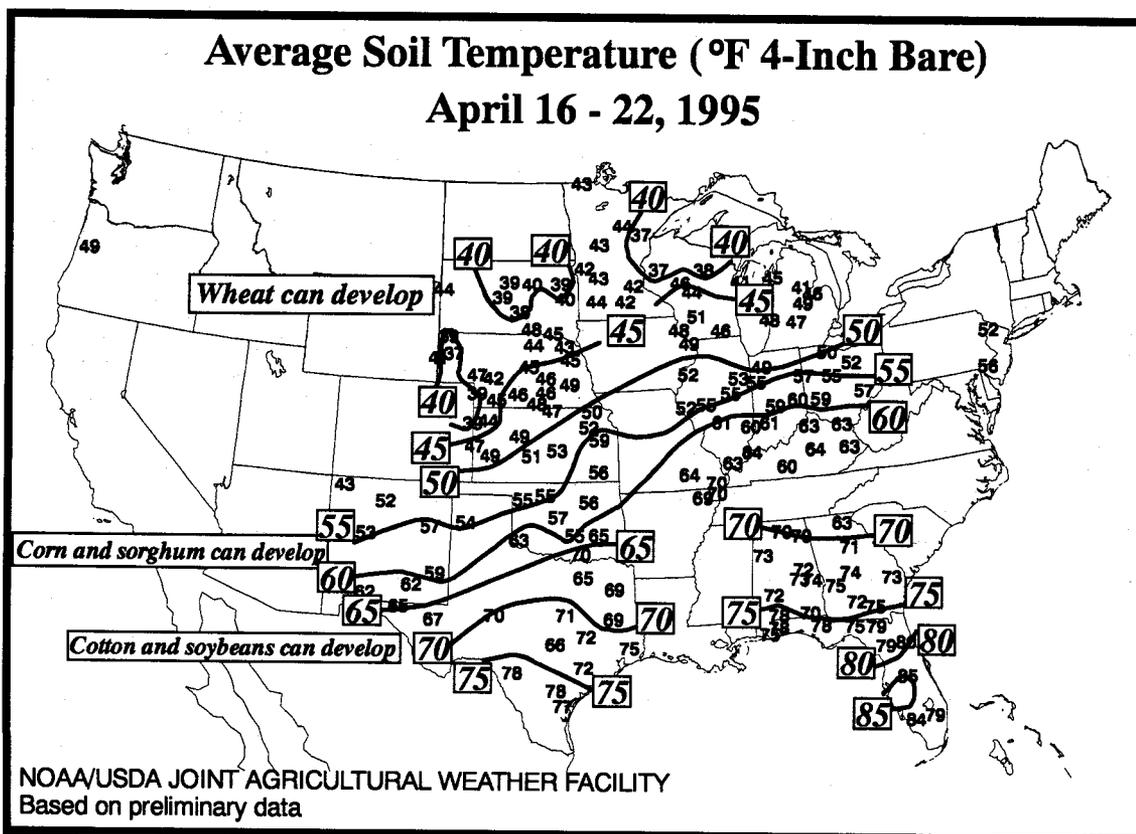
Dakota producers were prevented from planting by wet fields, leaving the State 39 points behind the 5-year average.

**Corn** was 7% planted for the 17 major producing States, 7 points behind last year and 2 points below the 5-year average. Warm weather spurred Kentucky's corn-planted progress to 53% complete, up 21 points from last week and 37 points ahead of the 5-year average. Cold, wet soil left the Corn Belt States slightly behind the average for corn planting. Missouri corn planting increased by 5 points from last week to 25% complete, 6 points ahead of the average, with most of the activity in the southern half of the State.

**Cotton** planting was 18% complete, up 8 points from last week and 1 point behind the average for the Nation. Cotton planting in California was limited by rains. California cotton planting increased 10 points from last week, but remained below the average by 37 points. Arizona cotton planting was 65% complete, up 20 points from last week, while Georgia's cotton planting at 22% was up 18 points, double the average. Texas cotton planting progressed, as weather permitted, to 15% complete, up 2 points from last week, one point behind the average. Cool weather slowed growth on early-planted cotton fields in Texas.

**Sorghum** planting was 18% complete for the 12 major producing States, up 3 points from last week and equal to the average. Planting was ahead of schedule in Mississippi, at 44% complete, up from last week and ahead of the average by 15 points.

**Rice** seeding was 50% complete, 19 points ahead of the average for the 5 major producing States. Rice planting in California was 1 point behind average. Mississippi rice planting was 70% complete, up 25 points from last week and 43 points ahead of the average. Arkansas rice planting was 55% complete, up 28 points from last week and 30 points ahead of the average. Early-planted rice fields in Texas were flooded. Rice headed in the 5 major producing States was 24% complete, 8 points ahead of the average. Rice was 47% emerged in Mississippi, 34 points ahead of the average.



# Crop Progress and Condition

Week Ending April 23, 1995

Spring Wheat Percent Planted Selected States				
	CW	LW	LY	AVG
ID	65	46	76	66
MN	0	0	23	29
MT	14	5	28	36
ND	0	0	8	19
SD	1	1	54	61
ALL	5	3	32	30

These 5 States produced 98% of the 1994 spring wheat crop.

Cotton Percent Planted Selected States				
	CW	LW	LY	AVG
AL	36	12	26	32
AZ	65	45	74	61
AR	7	1	9	4
CA	30	20	71	67
GA	22	4	18	11
LA	16	3	22	12
MS	21	6	26	11
MO	3	0	3	2
NM	24	6	33	42
NC	13	2	11	8
OK	3	0	1	1
SC	12	3	14	9
TN	10	2	3	2
TX	15	13	20	16
ALL	18	10	24	19

These 14 States produced 99% of the 1994 cotton crop.

Rice Percent Planted Selected States				
	CW	LW	LY	AVG
AR	55	27	37	25
CA	0	0	2	1
LA	64	56	56	55
MS	70	45	57	27
TX	60	45	66	59
ALL	50	32	41	31

These 5 States produced 96% of the 1994 rice crop.

Rice Percent Emerged Selected States				
	CW	LW	LY	AVG
AR	13	NA	14	7
CA	0	NA	0	0
LA	46	NA	45	42
MS	47	NA	29	13
TX	40	NA	28	32
ALL	24	NA	21	16

These 5 States produced 96% of the 1994 rice crop.

Winter Wheat Percent Headed Selected States				
	CW	LW	LY	AVG
AR	71	23	29	31
CA	90	70	91	85
CO	0	0	0	0
GA	85	57	95	75
ID	0	0	0	0
IL	0	0	0	0
IN	0	0	0	0
KS	1	0	0	2
MI	0	0	0	0
MO	6	0	0	1
MT	0	0	0	0
NE	0	0	0	0
NC	43	*8	38	34
OH	0	0	0	0
OK	33	15	18	33
OR	0	0	0	0
SD	0	0	0	0
TX	30	21	29	30
WA	0	0	0	0
ALL	14	7	10	13

These 19 States produced 92% of the 1994 winter wheat crop.

Corn Percent Planted Selected States				
	CW	LW	LY	AVG
CO	3	1	10	6
GA	93	92	95	91
IL	5	1	6	8
IN	3	1	7	4
IA	0	0	19	6
KS	10	5	26	23
KY	53	32	16	16
MI	0	0	0	0
MN	0	0	17	6
MO	25	20	20	19
NE	1	0	12	5
NC	66	55	66	58
OH	3	1	9	5
PA	3	0	0	1
SD	0	0	2	0
TX	60	53	66	68
WI	0	0	1	0
ALL	7	5	14	9

These 17 States produced 91% of the 1994 corn crop.

Sorghum Percent Planted Selected States				
	CW	LW	LY	AVG
AR	32	16	27	23
CO	0	0	0	0
IL	0	0	0	0
KS	0	0	0	0
LA	24	18	30	31
MS	44	29	46	29
MO	7	0	3	3
NE	0	0	0	0
NM	0	0	0	0
OK	3	*3	3	4
SD	0	0	0	0
TX	54	48	65	57
ALL	18	15	21	18

These 12 States produced 98% of the 1994 sorghum crop.

Winter Wheat Crop Condition by Percent Selected States						
State	VP	P	F	G	EX	
AR	0	2	23	57	18	
CA	0	0	30	45	25	
CO	2	6	19	55	18	
GA	0	21	56	23	0	
ID	2	8	19	53	18	
IL	0	1	6	65	28	
IN	0	1	17	67	15	
KS	4	11	30	42	13	
MI	1	5	19	45	30	
MO	0	5	30	56	9	
MT	1	14	37	43	5	
NE	0	1	15	73	11	
NC	0	7	53	40	0	
OH	0	3	19	54	24	
OK	8	4	24	55	9	
OR	5	17	37	32	9	
SD	0	6	24	59	11	
TX	11	21	33	27	8	
WA	3	7	31	57	2	
ALL	4	9	27	48	12	
Prev Wk	2	8	32	47	11	
Prev Yr	1	8	37	48	6	

CW-Current Week  
 LW-Last Week  
 LY-Last Year (week ending Apr. 24, 1994)  
 AVG-5 yr. average

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

\*Revised

## State Summaries of Weather and Agriculture

These summaries 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.

**ALABAMA:** Rainfall 1.73 to 7.83 in. north; 1.09 to 11.08 in. central; 1.76 to 4.26 in. south. Temperatures 2 to 9° above normal statewide. Lows 40 to 50° north; 40 to 51° central; 48 to 56° south. Highs 82 to 85° north, 81 to 89° central; 85 to 88° south.

Days suitable for fieldwork 6.0. Topsoil 7% short, 84% adequate, 9% surplus. Percent acreage prepared 80%, 75% 1994, 73% avg. Corn planted 81%, 66% 1994, 71% avg. Sorghum planted 9%, 11% 1994, 17% avg. Peanuts planted 9%, 12% 1994, 17% avg. Wheat headed 60%, 50% 1994, 57% avg.; 5% very poor, 9% poor, 20% fair, 61% good, 5% excellent. Pasture feed 2% poor, 51% fair, 45% good, 2% excellent. Livestock 2% poor, 19% fair, 76% good, 3% excellent. Activities: Spring plowing, planting, general care of livestock, poultry, catfish.

**ARIZONA:** Temperatures 8 to 14° below normal. Extremes 13°; 74° higher elevations; 30°; 84° deserts. Precipitation 0.04 in.; 1.54 in.

Temperature, wind adversely affecting crops. Cotton 1% very poor, 5% poor, 26% fair, 45% good, 23% excellent. Small grains 13% very poor, 1% poor, 1% fair, 49% good, 36% excellent; 95% heading, 95% 1994, 94% avg. Alfalfa 6% fair, 52% good, 42% excellent. Harvest 21% light, 22% moderate, 44% active, 13% between cuttings. Sheeping off finished. Spring vegetable season continues to wind down. Salad savoy, potatoes, dry onions, kale, cauliflower, parsley, romaine, asparagus, broccoflower available western growers. Vegetables from central areas included potatoes, broccoli, carrots, green onions, cabbage, romaine, mixed greens, leaf lettuce, parsley, spinach, kale, radishes. Tomatoes available eastern areas. Head lettuce harvest to begin eastern areas. Citrus volume continues decline. Grapefruit, Valencia oranges available western, central packers. Peaches available western, central areas.

**ARKANSAS:** Temperatures slightly below normal, heavy rain north central, southern areas. Extremes 38°; 87°. Precipitation 0.97 to 9.56 in.

Days suitable for fieldwork 4. Soil moisture 5% short, 56% adequate, 39% surplus. Producers were planting rice, corn, grain sorghum, cotton, soybeans. Corn was being replanted in Randolph county due to dry conditions. Spinach harvest was in progress in Crawford county. Strawberry harvest in progress in White county. Tomato plants setting fruit in Bradley county. Watermelons were planted in Drew county. Producers vaccinating calves. Livestock in good condition.

**CALIFORNIA:** Early week moderately strong storm system moved across State spreading precipitation across northern areas. A cool north-west flow, with weak imbedded storm systems, came through later week. Ridge of high pressure began to move over State by Friday, resulting temperatures much below normal throughout State. Progress field activities hampered by wet soils, light rainfall, most areas. Small grain growth slowed, cold weather, central, northern counties. High winds caused some lodging, desert counties. Irrigation, broadleaf weed treatments were winding down, except higher elevations. Rice fields burned, sprayed weeds, prepared for planting, where conditions, air quality regulations permitted. Over-wintered sugarbeets harvested. Planting new crop fields continued, emerging crop hand weeded. Garbanzo beans treated, fungicides. Corn for grain, silage planted, sprayed cutworms. Cotton planting made limited progress between rains. Some cotton replanting may be necessary, poor germination, low soil temperatures. Emerging fields progressed normally. Alfalfa, small grains, winter forages cut for hay, greenchopped. Alfalfa treated weeds, weevils. Sudangrass planted, desert counties. Grape growers applied fungicides, control mildew. Other vineyard activities included irrigating, weed control, cultivating, suckering. Stone fruit growers thinned fruit. Scattered showers increased risk of disease. Fruit trees, higher elevations may have suffered some frost damage. Apple trees bloomed. Cherries sized well, cracks from showers may have adversely affected fruit. Strawberry harvest active. Avocados picked. Navel orange picking wound down, poorer quality noted. The Valencia orange harvest gathered momentum, all three districts. Lemon, grapefruit harvesting active. New crop citrus bloom continued. Asparagus harvest steady, quality good Stockton delta, Salinas Valley. Monterey County artichokes harvested. Broccoli, cauliflower harvested, Monterey County, San Joaquin Valley. Desert area harvest wound down. Cabbage harvest continued Riverside County. Carrot harvested Kern County, Imperial Valley. Celery harvested, Ventura-Oxnard area. Spring head, leaf lettuce fields harvested Monterey County, San Joaquin Valley. Melons planted, San Joaquin, Coachella valleys. Melon harvest commenced

Imperial Valley. Onions harvested, Imperial, Riverside counties. Bell pepper plants were put into beds, Fresno, Stanislaus counties. Spring potato harvest continued, Kern county. Sweet corn harvested, Riverside county. Sweet potatoes planted, Merced county. Stanislaus, Tulare counties, spinach harvested. Fresh market tomato transplanting continued, San Joaquin Valley. Growers replanted processing tomatoes. Other crops harvested: oriental vegetables, ginger root, green onions, radishes, bok choy, kale, turnips. Pastures good to excellent, some excessive moisture river delta areas. Livestock movement slowly increased. Range grasses good, weeds began to head. Water supplies good. New calves, lambs thriving. Livestock conditions exceptional.

**COLORADO:** Series of upper level systems moved across the State which brought cold, wet conditions statewide. Temperatures were 5 to 10° below normal in the growing areas. Precipitation 0.40 to 1.00 in.

Days suitable for fieldwork 1.6. Topsoil 3% very short, 9% short, 70% adequate, 18% surplus. Subsoil 7% very short, 34% short, 57% adequate, 2% surplus. Spring barley 37% seeded, 56% 1994, 61% avg.; 15% emerged, 23% 1994, 27% avg. Oats 33% seeded, 56% 1994, 56% avg.; 17% emerged, 31% 1994, 27% avg. Dry onions 61% planted, 92% 1994, 76% avg.; 2% poor, 9% fair, 75% good, 14% excellent. Sugarbeets 87% planted, 100% 1994, 82% avg.; 7% very poor, 10% poor, 17% fair, 63% good, 3% excellent. Summer potatoes 22% planted, 83% 1994, 48% avg. Corn 3% planted, 11% 1994, 6% avg. Spring wheat 12% seeded, 32% 1994, 32% avg.; 9% emerged, 16% 1994, 10% avg. Winter wheat 3% pastured, 3% 1994, 6% avg.; 42% jointed, 22% 1994, 23% avg. Winter wheat 2% very poor, 6% poor, 19% fair, 55% good, 18% excellent. Livestock mostly in good to excellent condition. Cows 83% calved, 85% 1994, 84% avg. Ewes 83% lambled, 90% 1994, 88% avg. Pasture, range feed 3% very poor, 12% poor, 38% fair, 43% good, 4% excellent.

**FLORIDA:** Temperatures 4 to 8° above normal. Lows middle 50s north, lower 60s central, interior south. Highs upper 80s north, middle 90s interior Peninsula. Rainfall 2.00 to 4.00 in. western Panhandle, less than 0.25 in. northeast, dry central south.

Soil moisture for field crops very short to adequate. Peanut planting underway. Cotton planting continues. Potato crop condition good. Dry weather depleting soil moisture supplies over most of southern Peninsula, in most northern vegetable areas. Many southern growers irrigated fields to ensure adequate moisture supplies. Some producers may curtail harvest, abandon some acreage due to low market. Watermelon, blueberry harvest beginning. Volume leaders: Tomatoes, potatoes, sweet corn, peppers, cucumbers, cabbage, squash, celery, snap beans, radishes. Rain needed, irrigation all citrus areas. Tree condition good. Trees setting new crop fruit, unwanted little green fruit falling. Valencia harvest slowing. Grapefruit movement also slowing, supplies running low. Caretakers cutting cover crops, burning dead trees, spraying. Pasture feed poor 5%, fair 55%, good 40%. Cattle 50% poor, 50% good.

**GEORGIA:** Much needed rains across north and scattered areas central, south last half week. Rain totals of 1.00 to 3.00 in. common over north. Totals over central, south much lighter, more scattered. Amounts generally under 0.50 in., locally more than 1.00 in. Temperatures 5 to 8° above normal. Warmest mostly mid to upper 80s, varied low 80s mountains to a few low 90s southeast. Coldest mid, upper 40s north, 50s central, south, low 60s coast.

Days suitable for fieldwork 5.7. Soil moisture 18% very short, 57% short, 25% adequate. Showers in north very beneficial, south mostly dry. Planting delayed few areas south. Peanut, cotton planting very active. Shortage of tobacco transplants. Wheat, other small grains declining, diseases, dry weather. Pasture and hay conditions down, weekend showers should help. Vegetables need rain. Corn 1% poor, 35% fair, 62% good, 2% excellent. Cotton 2% poor, 42% fair, 56% good. Hay 4% very poor, 16% poor, 43% fair, 36% good, 1% excellent. Peanuts 2% poor, 35% fair, 63% good; 24% planted, 18% 1994, 16% avg. Sorghum 43% fair, 57% good; 9% planted, 26% 1994, 16% avg. Soybeans 2% planted, 1% 1994, 1% avg. Tobacco 57% fair, 36% good, 7% excellent; 93% transplanted, 97% 1994, 98% avg. Other small grains 16% poor, 57% fair, 27% good. Onions 35% fair, 65% good; 7% harvested, 9% 1994, 17% avg. Watermelons 44% fair, 56% good; 92% planted, 94% 1994, 92% avg. Other vegetables 33% fair, 64% good, 3% excellent. Apples 7% poor, 15% fair, 78% good; 98% blooming, 92% 1994, 92% avg. Peaches 1% poor, 11% fair, 88% good; 0% harvested, 1% 1994. Pasture feed 3% very

poor, 7% poor, 45% fair, 43% good, 2% excellent. Cattle 3% poor, 28% fair, 69% good. Hogs 4% poor, 20% fair, 74% good, 2% excellent. Activities: Planting cotton, peanuts, corn, preparing land, harvesting small grain silage, cultivating, spraying row crops.

**HAWAII:** Light to moderate showers. Soil moisture levels adequate most areas, short in some. Gusty winds, overcast skies first half of week. Temperatures mid 60s to mid 80s. Rainfall none to 8.70 in.

Irrigation water use restrictions lifted, however caution on use advised on Maui, Hawaii. A few grazing areas on Hawaii island remain dry. Supplemental feeding cattle heavy. Hauling stockwater active some areas. Exposed crops sustaining wind damage. Banana, papaya production light. Insect infestations generally light.

**IDAHO:** Temperatures 3 to 11° below normal. Nearly all areas reported below normal precipitation. Precipitation none to 0.18 in. north, 0.08 to 0.32 in. southwest, 0.03 to 0.15 in. south central, none to 0.28 in. southeast. Extremes 16°; 68°.

Days suitable for fieldwork 4.3. Topsoil 76% adequate, 24% surplus. Irrigation water supplies 1% poor, 4% fair, 70% good, 25% excellent. Range, pasture feed 2% poor, 4% fair, 71% good, 23% excellent. Hay, roughage supply 2% very short, 15% short, 83% adequate. Spring wheat planted 65%, 76% 1994, 66% avg. Spring wheat emerged 23%, 43% 1994, 36% avg. Barley planted 47%, 71% 1994, 63% avg. Barley emerged 12%, 33% 1994, 33% avg. Oats planted 27%, 45% 1994, 42% avg. Oats emerged 6%, 23% 1994, 19% avg. Onions planted 81%, 99% 1994, 83% avg. Onions emerged 15, 83% 1994, 38% avg. Sugarbeets planted 68%, 95% 1994, 83% avg.; emerged 13%, 52% 1994, 34% avg. Potatoes planted 11%, 21% 1994, 17% avg. Dry peas planted 27%, 48% 1994, 44% avg. Dry peas emerged 5%, 16% 1994, 7% avg. Calving completed 95%. Lambing completed 95%. Activities: Moving livestock, branding, fencing, preparing for irrigation, fertilizing, planting small grains, sugarbeets, onions.

**ILLINOIS:** A couple of low pressure systems passed by during period, kept rain in forecast fairly often. It also limited sunshine on some days as temperatures 1 to 6° cooler than normal. Temperatures highs 50s to 70s, lows 30s to low 50s. Precipitation widespread with most areas getting wet at some time or another. Much of southern half of state received over 1.00 in. with over 2.00 in. or 3.00 in. fairly common south. North areas saw 0.50 in. to nearly 1.00 in.

Days suitable for fieldwork 1.6. Topsoil 3% short, 66% adequate, 31% surplus. Fieldwork limited across State due to rain, cold temperatures. In north, most farmers preparing equipment, seeding oats, hauling grain, monitoring health of spring calves; farmers in south applying fertilizer, herbicide, seeding set aside acres, completing secondary tillage. Corn planting noted in concentrated area of south. Soil temperatures at minimally acceptable level, prevented planting of corn. Oats 55% planted, 90% 1994, 67% avg. Alfalfa 1% poor, 23% fair, 63% good, 12% excellent. Pasture feed 2% poor, 16% fair, 69% good, 13% excellent.

**INDIANA:** A strong low pressure system brought strong thunderstorms, high winds on 21st. Temperatures averaged above normal in the south, below normal in the north. Flooding occurred in the southwest. Daily high temperatures averaged from the upper 50s to low 60s north, to the upper 60s, around 70° south. These averages were mostly 1 to 3° above normal in the east and south, but 1 to 7° below normal west central, north. Lows averaged from the upper 30s to low 40s north, to the 40s to around 50° in the central, south. This was 1 to 6° above normal in the central, south, close to normal, north. Coldest readings for the period ranged from the lower 30s north to the upper 30s to lower 40s south. Precipitation around 0.60 to 1.20 in. north, to 1.30 to 4.80 in. central, south. This was 0.30 to 3.50 in. above normal in the southern two thirds of the State, drier than normal by up to 0.30 in. far north.

Days suitable for fieldwork 1.8. Topsoil 1% very short, 6% short, 46% adequate, 47% surplus. Subsoil 2% very short, 18% short, 65% adequate, 15% surplus. Rain, wet soils limited fieldwork. Some corn planted, mostly southern areas. Wheat 54% jointed, 28% 1994, 30% avg. Oats 66% seeded, 70% 1994, 57% avg. Land 74% tilled, 66% 1994, 67% avg. Pastures 5% short, 30% fair, 56% good, 9% excellent. Hay supplies short, some areas. Apple buds 84% alive, peach buds 74%.

**IOWA:** Another cool, wet week. Temperatures 2° degrees below normal east to 6° below west. Extremes 27°; 72°. Precipitation 0.57 in. southeast to 2.83 in. west central; State average 1.18 in. (norm 0.77 in.).

Days suitable for fieldwork 1.0. Topsoil adequate 33%, surplus 67%. Subsoil moisture short 3%, adequate 60%, surplus 37%. 1995 primary seedbed preparation completed (includes fall tillage) 50%, 83% 1994, 62% avg. 1995 row crop acreage fertilizer applied (includes fall

applications) 55%, 86% 1994, 63% avg. Oats planted 45%, 100% 1994, 70% avg.; emerged 10%, 58% 1994, 29% avg. Winter wheat 13% fair, 71% good, 16% excellent. Corn planted 0%, 19% 1994, 6% avg. Wet conditions, fluctuating temperatures tough on livestock last week. Calves experiencing scours, pneumonia. Above average loss of newly born calves noted. Cold, muddy conditions hindered fed cattle performance feedlots. Pasture growth slow with 7% poor, 28% fair, 55% good, 10% excellent.

**KANSAS:** Temperature were below normal in all but the southeast district. Temperatures 9° below normal in the west central district to normal in the southeast. Precipitation 1.00 to 2.00 in. all districts.

Days suitable for fieldwork 2.8. Topsoil 1% very short, 11% short, 77% adequate, 11% surplus. Subsurface moisture 4% very short, 24% short, 71% adequate, 1% percent surplus. Wheat progress is well ahead of normal. Wheat jointing 95%, 74% 1994, 66% avg. Cold weather two weeks ago appears to have severely damaged wheat stands extreme southwest with damage moderating further to north, east. Freeze damage worst in southwestern districts where 47% of acreage sustained moderate damage, 30% severe damage. Next hardest hit district is west central where 35% sustained moderate, 20% severe damage. Foliar diseases such as rust, tan spot reported eastern half of State. Light to moderate infestations of greenbugs reported mostly in southwestern, south central districts. Infestations are heaviest in the southwest. Oats seeded 100%, 99% 1994, 91% avg. Spring barley seeded 100%, 99% 1994, 90% avg. Stockmen are finishing up calving, lambing. Pasture burning is occurring in many areas. Hay, forage supplies are mostly adequate with only a few scattered shortages. Pastures are providing 45% of cattles roughage requirements. Farmers major field activities are spring tillage along with corn planting.

**KENTUCKY:** State characterized by warmer than normal temperatures, much above normal precipitation. High temperatures lower 70s, 1 to 3° above normal. Low temperatures middle 50s, 4 to 8° above normal. Much needed precipitation received, amounts generally in 1.50 to 2.50 in. range. Henderson reported absolute maximum at 3.84 in. above normal for week.

Days suitable for fieldwork 4.0. Topsoil moisture 12% very short, 29% short, 52% adequate, 7% surplus. Subsoil moisture 9% very short, 35% short, 52% adequate, 4% surplus. Soil moisture is reported as of 21st, general rains received on 23rd helped to further improve the soil moisture situation. Tobacco plants up 88%, 77% 1994, 75 avg. Tobacco plants in beds 1% very poor, 10% poor, 35% fair, 46% good, 8% excellent. Winter wheat 4% poor, 19% fair, 65% good, 12% excellent. Pasture feed 1% very poor, 12% poor, 40% fair, 42% good, 5% excellent.

**LOUISIANA:** Temperatures 2 to 7° above normal. Extremes 56°; 86°. Rainfall 0.12 in. southwest to 4.65 in. north central.

Days suitable for fieldwork 4.7. Soil moisture 59% adequate, 41% surplus. Corn 4% very poor, 8% poor, 26% fair, 57% good, 5% excellent; 87% planted, 95% 1994, 92% avg.; 83% emerged, 91% 1994, 81% avg. Corn planting resumed between rains. Cotton 5% emerged, 7% 1994, 5% avg. Planting began but halted by rains end of week. Hay 4% first cutting, 6% 1994, 3% avg. Warmer weather hastened rice growth. Sorghum 13% emerged, 20% 1994, 20% avg. Soybeans 2% planted, 1% 1994, 1% avg. Farmers preparing fields for planting. Spring plowing 78% plowed, 84% 1994, 72% avg. Sugarcane 1% very poor, 4% poor, 28% fair, 58% good, 9% excellent. Growers spraying, fertilizing cane. Sweetpotatoes 0% planted, 3% 1994, 3% avg. Wheat 2% very poor, 7% poor, 41% fair, 46% good, 4% excellent; 89% headed, 84% 1994, 84% avg.; 18% turning color, 9% 1994, 11% avg. Pasture feed 4% poor, 25% fair, 56% good, 15% excellent. Cattlemen busy top-dressing pastures. Vegetables 9% poor, 34% fair, 49% good, 8% excellent. Livestock 3% poor, 26% fair, 64% good, 7% excellent.

**MARYLAND & DELAWARE:** Maryland: Precipitation 0.03 in. normal 0.79 in. Rain was very scattered with most locations receiving none or very little. Temperature 58.6°, normal 54.4°. Extremes 30°; 93°. Low temperatures low 30s to low 40s. Highs were mainly in the 80s to low 90s.

Days suitable for fieldwork 6.2. Topsoil moisture 11% very short, 54% short, 35% adequate. Subsoil moisture 15% very short, 51% short, 34% adequate. Winter wheat 2% poor, 18% fair, 65% good, 15% excellent. Rye 2% poor, 23% fair, 58% good, 17% excellent; 12% headed, 12% 1994, 11% avg. Barley 12% fair, 68% good, 20% excellent; 19% headed, 12% 1994, 13% avg. Corn for grain 11% planted, 5% 1994, 6% avg. Potatoes 80% planted, 18% 1994, 54% avg. Green peas 80% planted, 73% 1994, 70% avg. Sweet corn 25% planted, 7% 1994, 11% avg. Snap beans 9% planted, 0% 1994, 8% avg. Tomatoes 11% planted, 13% 1994, 7% avg. Peaches 55% bloomed, 18% 1994, 63% avg. Apples 18% bloomed, 15% 1994, 37% avg. Strawberries 50% bloomed, 29% 1994, 31% avg. Pasture feed 9% poor, 40% fair, 44% good, 7% excellent. Activities: Farmers are preparing fields for planting, planting spring crops.

**Delaware:** Precipitation 0.05 in. normal 0.79 in. Temperature 56.4°, normal 54.3°. Extremes 32°, 85°. High temperatures 80s. Lows 30s.

Days suitable for fieldwork 6.3. Topsoil 19% very short, 44% short, 37% adequate. Subsoil 15% very short, 48% short, 37% adequate. Winter wheat 18% fair, 71% good, 11% excellent. Barley 16% fair, 69% good, 15% excellent; 36% headed, 1% 1994, 13% avg. Corn for grain 10% planted, 9% 1994, 11% avg. Potatoes 91% planted, 33% 1994, 67% avg. Green peas 88% planted, 49% 1994, 62% avg. Sweet corn 17% planted, 9% 1994, 13% avg. Peaches 77% bloomed, 63% 1994, 80% avg. Apples 26% bloomed, 11% 1994, 35% avg. Strawberries 36% bloomed, 18% 1994, 16% avg. Pasture feed 25% fair, 75% good. Activities: Preparing fields for planting continues with planting of early crops. Dry conditions have slowed planting of field corn.

**MICHIGAN:** Extremes 21°; 78°. Precipitation 0.10 to 1.44 in. across State. Cold, wet weather slowed field activity. Field preparation, planting of sugarbeets, oats limited. Rain heavy some areas. Livestock doing well, feed supplies adequate. Pastures in fair condition, in need of some rain. Activities: spreading fertilizer, lime, field preparation, planting, preparing equipment for planting, calving, lambing.

**MINNESOTA:** Temperatures 1 to 7° below normal. Extremes 22°; 65°. Precipitation 0.29 to 0.39 in. below normal for the northwest, north central, 0.10 to 1.23 in. above normal elsewhere. Precipitation 0.09 to 1.86 in.; greatest weekly total was 2.13 in.

Topsoil 44% adequate, 56% surplus. Subsoil 25% adequate, 75% surplus. Spring wheat 0% planted, 22% 1994, 30% avg. Oats 1% seeded, 40% 1994, 31% avg. Sugarbeets 0% planted, 10% 1994, 13% avg. Barley 0% seeded, 15% 1994, 21% avg. Green peas 1% planted, 22% 1994, 18% avg. Corn 0% ground prepared, 34% 1994, 18% avg.; 0% planted, 17% 1994, 6% 5 yr. avg. Soybeans 0% ground prepared, 5% 1994, 4% 5 yr. avg. Winter wheat 9% very poor, 3% poor, 40% fair, 48% good, 0% excellent. Rye 3% very poor, 1% poor, 31% fair, 65% good. Alfalfa 4% very poor, 6% poor, 47% fair, 38% good, 5% excellent.

**MISSISSIPPI:** Temperatures 5.0° above normal. Extremes 42°; 89°. Soil temperatures 73°. Precipitation 4.56 in., 3.42 in. above normal. Rainfall throughout the State, 2.33 in. north central district to 8.74 in. lower delta district.

Days suitable for fieldwork 4.2. Topsoil 5% short, 30% adequate, 65% surplus. Subsoil 6% short, 50% adequate, 44% surplus. Corn 88% planted, 81% 1994, 63% avg.; 67% emerged, 58% 1994, 46% avg.; 25% fair, 55% good, 20% excellent. Wheat 96% jointing, 100% 1994, 95% avg.; 68% heading, 68% 1994, 60% avg.; 3% poor, 24% fair, 65% good, 8% excellent. Peanuts 25% planted, 22% 1994, 12% avg. Sweetpotatoes 2% planted, 0% 1994, 4% avg. Livestock 1% poor, 17% fair, 61% good, 21% excellent. Watermelons 58% planted, 61% 1994, 58% avg.; 13% fair, 81% good, 6% excellent. Range, pasture 19% fair, 56% good, 25% excellent. Planting activities were at full speed during the week before rain on 13th. Some areas received excessive rainfall with flooding in low lying fields. Field activities were at a standstill after the rain. The planting of crops will resume as soon as field conditions allow.

**MISSOURI:** Temperatures from 54° at Kirksville to 60° at Caruthersville. Precipitation 1.92 in., varying from less than 1.00 in. northwestern, north central districts, to 3.74 in. southwest.

Days suitable for fieldwork 1.7. Topsoil 11% short, 61% adequate, 28% surplus. Corn planting ranges from 5% northwest, northeast, to 93% southeast. Oats 87% sown, 90% 1994, 73% avg. Sorghum planting ranges from virtually none in northern half of State to 16% southeastern district. Ground tilled for spring crops 76%, 69% 1994, 63% avg. Pasture feed 1% very poor, 6% poor, 34% fair, 51% good, 8% excellent.

**MONTANA:** Week started out cool, dry for most of State with temperatures, precipitation increasing by weekend. Temperatures mostly in the 50s. The greatest amount received was 0.68 in. at Red Lodge.

Days suitable for fieldwork 3.5. Topsoil 3% very short, 20% short, 61% adequate, 16% surplus. Subsoil 6% very short, 26% short, 65% adequate, 3% surplus. Barley 17% planted, 40% 1994, 33% avg. Oats 5% planted, 25% 1994, 22% avg. Sugarbeets 12% planted, 59% 1994, 46% avg. Corn 10% planted, dry beans 1% planted, potatoes 1% planted. Calving 89% complete. Lambing 70% complete. Cattle, calves moved to summer ranges, 4%. Sheep, lambs moved to summer ranges, 2%.

**NEBRASKA:** Temperatures 6 to 12° below normals across the State. Precipitation occurred in the form of snow, rain averaging 0.50 in. northwest to 2.75 in. northeast.

Days suitable for fieldwork 1.3. Topsoil 1% short, 44% adequate, 55% surplus. Subsoil moisture 5% short, 68% adequate, 27% surplus. Wheat

1% poor, 15% fair, 73% good, 11% excellent; 11% jointed, 9% 1994, 15% avg. Corn 1% planted, 14% 1994, 6% avg. Oats 43% planted, 94% 1994, 74% avg. Pasture, range feed mostly good condition. Calving 88% complete. Scours in some young calves continued.

**NEVADA:** Series of storm systems moved across State on 17th, 18th, 19th, bringing precipitation, much colder than normal temperatures. High pressure started to build on 21st, bringing clearing skies, warmer temperatures. Temperatures 6 to 9° below normal statewide. Extremes 11° Mountain City; 82° Laughlin. Precipitation 0.80 in. northeast, south central, traces to 1.46 in. elsewhere.

Planting continued north. Onion planting progressing. Garlic actively growing. Ranges continuing to green, grow. Calving, lambing in full swing. Main farm, ranch activities: Calving, lambing, spring planting.

**NEW ENGLAND:** Precipitation 0.02 to 0.66 in. north, 0.53 to 1.09 in. south. Temperatures 37 to 47° north; 47 to 54° south. Maximum temperatures 54 to 73° north; 65 to 75° south. Minimum temperatures 17 to 31° north; 21 to 38° south.

Major farm activities: Moving crops out of storage, placing chick orders, fixing fences, moving livestock onto pastures. Southern farmers tilling, planting early season crops. Maple syrup production complete.

**NEW JERSEY:** Temperatures above normal. Extremes 24°; 85°. Rainfall 0.28 in. north, 0.10 in. central, 0.32 in. south. Heaviest 24 hour total was 0.61 in. on the 23rd to 24th. Estimated soil moisture, in percent of field capacity, averaged 91% north, 84% central, 73% south.

Days suitable for fieldwork 7. Topsoil moisture reported as short to adequate. Farmers plowing, discing. Farmers in central, southern districts planting peas, carrots, potatoes, lettuce, tomatoes, spinach, snap beans, other vegetables. Fertilizing, liming of fields also reported. Pruning of peach trees occurring in limited areas. Peaches, strawberries blooming.

**NEW MEXICO:** Winter returned to State this past week. Two winter-like storms moved across State, producing widespread rain, snow across north, a few showers south. Temperatures 11° below normal for State. Greatest precipitation 1.35 in. at Los Alamos, 1.32 in. at Farmington, 1.23 in. at Johnson Ranch. Most of the precipitation was snow above elevations of 5500 feet.

Days suitable for fieldwork 5.3. Soil moisture 27% very short, 48% short, 25% adequate. Alfalfa 4% very poor, 12% poor, 37% fair, 44% good, 3% excellent. Wheat 39% very poor, 21% poor, 31% fair, 8% good, 1% excellent. Chile 5% poor, 55% fair, 36% good, 4% excellent. Onions 3% poor, 31% fair, 53% good, 13% excellent. Lettuce 25% fair, 30% good, 45% excellent. Apples 2% very poor, 15% poor, 67% fair, 15% good, 1% excellent. Pasture feed 21% very poor, 42% poor, 27% fair, 9% good, 1% excellent. Cattle 2% very poor, 12% poor, 50% fair, 34% good, 2% excellent. Sheep 2% very poor, 12% poor, 44% fair, 41% good, 1% excellent.

**NEW YORK:** Temperatures near normal. Week started cool, lows in 20s. Mild by midweek, lows in 30s to 40s. A cooling trend ended the week. Extremes 17°; 75°. Precipitation varied from well below normal to much above normal due to the showery nature of the precipitation. Most locations received between 0.25 in. to 1.00 in. for the week.

Major Activities: Caring for livestock, spreading manure, moving crops from storage, maintenance. Spring plowing gaining momentum as fields dry enough to support machinery. Early vegetable planing underway in Orange County. Maple producers cleaning equipment, marketing syrup.

**NORTH CAROLINA:** Scattered showers in some parts of the State over the weekend offered minor relief for small grains, spring planted crops. Temperature 69°, 7° below normal. Extremes 47°; 88°. Statewide precipitation 0.10 in., 0.74 in. below normal.

Days suitable for fieldwork 6.5. Soil moisture 29% very short, 61% short, 10% adequate. Although total rainfall still several inches below normal, timely precipitation would greatly aid germination of spring planted crops and provide much needed moisture for growth of small grains. Flue-cured tobacco 18% planted, 28% 1994, 26% avg. Cabbage 89% transplanted, 93% 1994, 92% avg. Crop conditions remain mostly good. Oats 9% poor, 54% fair, 37% good; barley 6% poor, 50% fair, 40% good, 4% excellent; rye 52% fair, 48% good; pasture feed 4% very poor, 14% poor, 52% fair, 30% good; outside tobacco plant beds 1% poor, 46% fair, 52% good, 1% excellent; greenhouse tobacco plant beds 2% fair, 76% good, 22% excellent; irish potatoes 3% poor, 13% fair, 77% good, 7% excellent; peaches 11% fair, 84% good, 5% excellent; truck crops 1% poor, 65% fair, 34% good; supplies of tobacco plants 8% short, 92% adequate; hay, roughage supplies 3% very short, 8% short, 89% adequate. Activities: Spring land preparation, transplanting tobacco, harvesting strawberries, planting corn, cotton, tending livestock, repairing equipment, general farm maintenance.

**NORTH DAKOTA:** Temperatures below normal, precipitation near normal. Temperatures 4° below normal northeast to normal northwest. Extremes 22° north central, central; 63° west central, central, east central. Precipitation 0.07 in. southwest to 0.31 in. north central.

Days suitable for fieldwork not available. Fieldwork not expected to start until 28th, about a week later than last year, due to excessive soil moisture. Topsoil 63% adequate, 37% surplus. Subsoil 2% short, 66% adequate, 32% surplus. Hard red spring wheat 0% planted, 8% 1994, 19% avg.; durum 0% planted, 1% 1994, 7% avg.; oats 0% planted, 3% 1994, 15% avg.; barley 0% planted, 8% 1994, 18% avg. Calving 79% complete; lambing 82% complete; shearing 87% complete. Cattle 8% fair, 86% good, 6% excellent; calves 1% poor, 14% fair, 80% good, 5% excellent; sheep 7% fair, 88% good, 5% excellent; lambs 11% fair, 85% good, 4% excellent. Hay, forage supplies 1% very short, 12% short, 85% adequate, 2% surplus. Grain, concentrate supplies 7% short, 89% adequate, 4% surplus. Majority of cattle, sheep receiving supplemental feeds, 85% of pastures, ranges still dormant. Early pasture, range 4% very poor, 9% poor, 18% fair, 64% good, 5% excellent.

**OHIO:** Highs of 60° were 1 or 2° above normal. Highs did reach 80° or higher at Toledo, Columbus on 18th. Lows, in the 40s, were 2° above normal north, 5 to 8° above normal south. Lowest temperature was 28° at Grape Branch, northeast, on 19th. Soil temperatures at 4 in. under bare ground ranged from 50° north to upper 50s parts of south. They too were above normal. Precipitation totals exceeded 1.00 in. at several locations. Over 2.00 in. reported at Marion, Dayton, Oxford, Columbus. Totals were above normal in most locations. For April, totals exceed normal over much of the state but remain short of normal over the south.

Days suitable for fieldwork 2.1. Soil moisture 2% very short, 4% short, 51% adequate, 43% surplus. Rain stalled planting another week. Warmer soil temperatures needed. A late frost damaged tips of wheat, but should not hinder crop development. In the northeast leaves are yellowing from too much moisture. In the south strawberries have started to bloom. Quick temperature changes, damp conditions caused poor food intake in livestock. Oats planted 50%, 46% 1994, 49% avg.; emerged 22%, 17% 1994, 15% avg. Sugarbeets planted 11%, 62% 1994, 30% avg. Potatoes planted 5%, 9% 1994, 14% avg. Wheat jointed 22%, 6% 1994, 6% avg. Pasture feed 1% very poor, 3% poor, 27% fair, 56% good, 13% excellent. Hay 1% very poor, 2% poor, 25% fair, 56% good, 16% excellent. Apples 5% poor, 29% fair, 59% good, 7% excellent. Peaches 4% very poor, 14% poor, 34% fair, 44% good, 4% excellent.

**OKLAHOMA:** Temperatures 3.7° below normal southeast to 11.1° below normal west central district. Precipitation 0.51 in. Panhandle district to 2.71 in. central district.

Days suitable for fieldwork 3.3. Topsoil 2% very short, 8% short, 69% adequate, 21% surplus. Subsoil 2% very short, 28% short, 58% adequate, 12% surplus. Wheat 8% very poor, 4% poor, 24% fair, 55% good, 9% excellent; 99% jointing, 93% 1994, 91% avg.; 33% heading, 15% 1994, 33% avg. Oats 67% jointing, 62% 1994, 58% avg.; 13% heading, 14% 1994, 13% avg. Barley 63% jointing, 52% 1994, 45% avg.; 22% heading, 10% 1994, 8% avg. Corn 96% seedbed prepared, 93% 1994, 94% avg.; 23% planted, 44% 1994, 48% avg.; 15% up-to-stand, 18% 1994, 15% avg. Sorghum 60% seedbed prepared, 34% 1994, 51% avg.; 3% planted, 3% 1994, 4% avg.; 1% up-to-stand, 1% 1994, 1% avg. Soybeans 42% seedbed prepared, 54% 1994, 56% avg.; 10% planted, 14% 1994, 7% avg.; 2% up-to-stand, 2% 1994, 1% avg. Peanuts 52% seedbed prepared, 67% 1994, 56% avg.; 0% planted, 0% 1994, 1% avg. Cotton 68% seedbed prepared, 77% 1994, 65% avg.; 3% planted, 1% 1994, 1% avg. Alfalfa hay 9% 1st cutting, 23% 1994, 6% avg. Other hay 10% 1st cutting, 23% 1994, 9% avg. Pasture, range feed 2% poor, 27% fair, 65% good, 6% excellent. Livestock 2% poor, 15% fair, 78% good, 5% excellent. Prices for feeder steers, heifers steady to \$2.00/cwt lower.

**OREGON:** Temperatures below normal statewide. Precipitation heavy western side. Coast 1.00 to 1.50 in., 0.50 to 1.00 in. Willamette Valley, eastern sections 0.30 in.

Days suitable fieldwork 4.4. Topsoil 90% adequate, 10% surplus. Subsoil 93% adequate, 7% surplus. Winter wheat 5% very poor, 17% poor, 37% fair, 32% good, 9% excellent. All barley planted: 67%. Cereal grain field preparation, fertilization, herbicide application continued, weather permitting. Malheur Co: Some early emerging sugarbeets froze, replanting started, potato planting continued. Willamette Valley: Vegetable field preparation, planting underway between showers; tree fruit bloom continued; caneberry, strawberry bloom underway. Hood River Valley: Apples, pears full bloom, some cold nights with heating, fans going. Cranberry development quite varied, southern coast. Willamette Valley nurseries: Harvesting, shipping field, greenhouse crops. Livestock good to excellent. Range,

pasture conditions 21% fair, 67% good, 12% excellent. Calving continued. Branding, spring turnout underway. Supplemental feeding continued east.

**PENNSYLVANIA:** Temperatures continued to rise, precipitation was below normal. Temperature 56°, 8° above normal. Extremes 20°; 86°. Precipitation 0.32 in., 0.50 in. below normal.

Days suitable for fieldwork 4.2. Soil moisture 6% very short, 24% short, 60% adequate, 10% surplus. Spring plowing 56% complete, 14% 1994, 34% avg. Oats planted 51% complete, 29% 1994, 37% avg. Tobacco beds planted 90% complete, 73% 1994, 76% avg. Potatoes planted 11% complete, 10% 1994, 15% avg. Wheat 3% poor, 18% fair, 70% good, 9% excellent. Alfalfa, alfalfa mixtures stand 1% very poor, 2% poor, 30% fair, 64% good, 3% excellent. Timothy clover stand 2% very poor, 6% poor, 27% fair, 60% good, 5% excellent. Peaches pink stage 50%, 16% 1994, 37% avg.; 4% full bloom or past, 3% 1994, 16% avg. Cherries pink stage 45%, 8% 1994, 28% avg.; 20% full bloom or past, 0% 1994, 12% avg. Apples pink stage 24%, 2% 1994, 15% avg.; 4% full bloom or past, 0% 1994, 3% avg. Activities: Planting oats, alfalfa, grasses; spring plowing; spreading fertilizer, lime; getting planting equipment ready; hauling manure; fixing fence; caring for livestock.

**PUERTO RICO:** No weather data available.

**SOUTH CAROLINA:** Trace of precipitation statewide. Temperatures above normal.

Days suitable for fieldwork 6.3. Soil moisture 35% very short, 59% short, 6% adequate. Corn 42% fair, 58% good; 82% planted, 74% 1994, 62% avg. Tobacco fair to good: 40% transplanted, 43% 1994, 46% avg. Wheat 15% poor, 50% fair, 35% good, 21% headed, 14% 1994, 13% avg. Peaches fair to good. Cantaloupes fair; 52% planted, 69% 1994, 52% avg. Watermelons fair; 72% planted, 78% 1994, 67% avg. Cucumbers fair to good; 61% planted, 60% 1994, 59% avg. Snap beans fair to good; 51% planted, 53% 1994, 47% avg. Tomatoes fair to good; 95% planted, 90% 1994, 85% avg. Pasture feed 1% very poor, 17% poor, 59% fair, 23% good.

**SOUTH DAKOTA:** Temperatures 5 to 15° below normal. Extremes 12°; 65°. Statewide precipitation in the form of heavy snow in the central, south central and heavy rain in the east. Precipitation generally 2.00 to 3.00 in. central, south central, southeast; 0.25 to 1.00 in. elsewhere. Heaviest 3.38 in. rain Yankton; 3.35 in. melted precipitation Winner.

Days suitable for fieldwork 0.2. Topsoil 21% adequate, 79% surplus. Subsoil moisture 3% short, 37% adequate, 60% surplus. Winter wheat 2% winterkill. Winter rye 1% very poor, 2% poor, 19% fair, 67% good, 11% excellent; winterkill 2%. Barley 1% planted, 42% 1994, 49% avg. Oats 1% planted, 56% 1994, 59% avg. Extremely wet conditions keeping producers from doing any fieldwork, reports of still one to two weeks before any significant fieldwork can take place. Some reports of producers planning to switch from small grains to later season row crops. Livestock 2% very poor, 5% poor, 23% fair, 66% good, 4% excellent. Many areas reporting heavier than normal calving losses, sickness problems due to inclement weather, some instances of calving losses as high as 20 to 30%. Muddy lots remain a big problem many areas. Pasture feed 1% very poor, 19% poor, 34% fair, 41% good, 5% excellent. Cattle moved to pasture 10%. Calving 69% complete, lambing 79%. Feed supplies 1% very short, 18% short, 76% adequate, 5% surplus. Stock water supplies 2% short, 55% adequate, 43% surplus.

**TENNESSEE:** Temperatures normal. Extremes 29°; 86°. Showers mid week 0.35 to 3.92 in.

Days suitable for fieldwork 4.0. Topsoil 2% very short, 16% short, 65% adequate, 17% surplus. Subsoil 23% short, 69% adequate, 8% surplus. Corn some spotty stands, west, southern middle, some replanting. Strong showers brought much needed moisture for corn, cotton germination, wheat development. Corn 73% planted, 23% 1994, 25% avg. Cotton 10% planted, 3% 1994, 2% avg. Sorghum 26% planted, 2% 1994, 4% avg. Tobacco 91% plants up, 77% 1994, 84% avg.; 1% transplanted, 0% 1994, 0% avg.; wheat 2% poor, 22% fair 61% good, 15% excellent; 98% jointed, 86% 1994, 84% avg.; 58% headed, 9% 1994, 12% avg. Apples 99% bloom or beyond, 71% 1994, 79% avg. Peaches 99% bloom or beyond, 96% 1994, 99% avg. Pasture feed 10% poor, 35% fair, 48% good, 7% excellent. Alfalfa 2% poor, 30% fair, 60% good, 8% excellent. Cattle 3% poor, 25% fair, 65% good, 7% excellent.

**TEXAS:** Series of frontal systems produced rain every district much of week. However, totals below weekly normals for southern quarter the State, Southern Plains, Trans-Pecos districts. Amounts greatest over northeast, totals more than 1.50 in. above normal. Week began with temperatures cool in north, west, warm south. Reinforcements of cool air kept north, west, below normal temperatures much week. Cool air swept

across state over weekend. Temperatures averaged much below normal plains areas, Cross Timbers, Trans-Pecos, close to normal elsewhere.

**Crops:** Small Grains: Damage to winter wheat crop in High Plains from earlier freezes still being assessed; losses could be significant. Light rainfall did little to revive dryland crop, many fields nearly written off. Fields continued to show good progress, potential Blacklands, Central where fields continued to head. Insect pressures have slowed many areas. Oats across most of State also showing good progress. Wheat, corn planting increased in High Plains last week. Soil temperatures still too low some fields. Planting continued from Cross Timbers into Blacklands. Good stands reported on emerged fields. Cooler temperatures late week slowed growth some. Planting completed for most part central. Cotton land preparations continued Plains. Planting progressed Blacklands, Central as weather permitted. Cooler temperatures slowed growth early planted fields. Some cultivating activity occurred during week. Grain sorghum planting activity continued many areas as weather conditions permitted. Planting winding down Central. A few scattered fields planted in High Plains. Early stands across State look good. Cultivation activity also continued during week. Rice: Fields continued to emerge Upper Coast. Early planted fields flooded to aid growth. Planting continued as conditions allowed. Other crops: Sugarbeets 70% planted; 79% 1994; 72% avg. Peanuts 2% planted; 0% 1994; 0% avg. Soybeans 20% planted; 18% 1994; 8% avg.

**Commercial Vegetables:** Rio Grande Valley: Onion harvest continued with good yields, prices. Melons continued good progress. Irrigation activity continued. Harvest other vegetables continued without much delay. San Antonio-Winter Garden area: Onion progress good in later planted fields, harvest increased early fields. Watermelon growth slowed some during week. East Texas: Tomatoes beginning bloom. Some early potatoes harvested. Watermelon growth slow. Trans-Pecos area, High Plains: Insect pressures increasing onions, cantaloupes. Chilies emerging. Irrigation activity continued. Pecans: Trees across state continued show good progress. Producers spraying zinc, gearing up for casebearer scouting some areas. Many trees in Blacklands, Central, passed blooming stage, have good set. Peaches: Thinning, cover spraying main activities during week. Prospects good most areas.

**Range and Livestock:** Pastures, ranges showed good spring progress most areas last week. Fertilization, weed control also continued. Livestock remained good overall condition. Hornflies increasing problem some areas. Spring shearing continued Hill Country.

**UTAH:** Temperature maxima averaged 12° below normal; minima 2° below normal. Precipitation moderate to heavy throughout the entire State, especially in Dixie division.

Days suitable for fieldwork 3.2. Topsoil 1% short, 85% adequate, 14% surplus. Subsoil 2% short, 91% adequate, 7% surplus. Winter wheat 1% poor, 10% fair, 75% good, 14% excellent. Fall barley 2% poor, 21% fair, 52% good, 25% excellent. Spring wheat planted 75%, 87% 1994, 84% avg.; emerged 47%, 58% 1994, 57% avg. Barley planted 74%, 82% 1994, 81% avg.; emerged 48%, 51% 1994, 52% avg. Oats planted 37%, 54% 1994, 59% avg.; emerged 28%, 29% 1994, 28% avg. Corn planted 5%, 31% 1994, 18% avg. Alfalfa hay height 5.2 in., 5.0 in. 1994, 6.2 in. avg. Range, pasture 2% poor, 19% fair, 55% good, 24% excellent. Sweet cherries full bloom or past 100%. Tart cherries full bloom or past 37%. Apples full bloom or past 11%. Pears full bloom or past 85%. Cattle, calf 3% poor, 16% fair, 68% good, 13% excellent. Sheep, lamb 10% poor, 17% fair, 64% good, 9% excellent. Cows calved 84%, 86% 1994, 88% avg. Ewes lambed on farm 85%, 89% 1994, 90% avg. Ewes lambed on range 55%, 69% 1994, 66% avg. Sheep sheared on the farm 75%, 81% 1994, 84% avg. Sheep sheared on range 65%, 73% 1994, 70% avg. Major farm activities: Calving, lambing, cleaning corrals. Rain, snow hindered field work, provided needed moisture.

**VIRGINIA:** Temperatures 5 to 10° above normal. Extremes 24°; 94°. Precipitation average below normal except in the southwest were amounts were above normal.

Days suitable for fieldwork 6.0. Topsoil 31% very short, 53% short, 16% adequate. Other hay 6% very poor, 35% poor, 44% fair, 15% good. Pasture feed 10% very poor, 28% poor, 44% fair, 18% good. Alfalfa hay 15% poor, 51% fair, 34% good. Apple 27% fair, 73% good. Peach 17% poor, 40% fair, 43% good. Barley 1% very poor, 19% poor, 56% fair, 24% good. Wheat 4% very poor, 9% poor, 49% fair, 38% good. Tobacco greenhouse 27% fair, 67% good, 6% excellent; planted 16% poor, 37% fair, 47% good. Corn 73% fair, 27% good; 27% planted, 26% 1994, 19% avg. Soybeans planted 2%, 0% 1994, 0% avg. Peanuts planted 2%, 0% 1994, 2% avg. Cotton planted 15%, 0% 1994, 0% avg. Flue tobacco transplanted 1%, 0% 1994, 0% avg. Continued dry weather across State further stressed pastures, hayfields. Small grains condition declined with dry weather stunting growth. Light rains reported on 23rd

over most of State relieved extremely dry conditions. Farm activities: harvesting rye haylage, scouting small grains for insects, shearing sheep.

**WASHINGTON:** Temperatures 5° below to 1° above normal west; 6° below to normal east. Precipitation 0.19 to 1.17 in. west; none to 0.30 in. east. Cool wet weather delayed crop planting, emergence, growth. Frost protection on fruit trees needed during nights.

Days suitable for fieldwork 5.3. Topsoil 1% short, 91% adequate, 8% surplus; subsoil 25% short, 74% adequate, 1% surplus. Irrigation water supply 11% short, 88% adequate, 1% surplus. Some winter wheat stands reseeded to spring wheat due to cheat grass problems. Planting carrots, grains, peas, potatoes, field corn, sweet corn in progress. Some frost damage reported on fruit trees, especially cherries. Blueberries, strawberries early bloom, raspberry blooms slightly frost damaged. Asparagus harvest continued. Pasture, hay fields growing rapidly. Drier pasture, range conditions led to more livestock turned out. Winter wheat, dryland 3% very poor, 8% poor, 34% fair, 55% good; irrigated, 1% fair, 80% good, 19% excellent. Hay, other roughage supplies 2% very short, 22% short, 75% adequate, 1% surplus. Pasture feed 22% poor, 40% fair, 38% good. Barley, 45% planted, 92% 1994, 78% avg.; 24% emerged, 68% 1994, 53% avg. Dry peas 38% planted, 75% 1994, 62% avg. Potatoes, 37% planted, 78% 1994, 61% avg.; 16% emerged, 17% 1994, 15% avg. Spring wheat 55% planted, 93% 1994, 84% avg.; 29% emerged, 70% 1994, 63% avg.

**WEST VIRGINIA:** Temperature 58°. Extremes 24°; 87°. Precipitation 1.12 in.

Temperatures 4° above normal north central to 9° above normal southern region. Precipitation ran from 0.26 in. below normal in the northeast to 0.71 in. above normal in the southwest. The greatest weekly total precipitation was 1.76 inches reported at Williamson.

Days suitable for fieldwork 4.2. Topsoil 6% very short, 49% short, 42% adequate 3% surplus. Barley 2% poor, 53% fair, 45% good. Wheat 2% poor, 17% fair, 81% good. Hay 6% poor, 64% fair, 27% good, 3% excellent. Intended acreage prepared for spring planting 69%, 32% 1994. Corn planted 18%, 9% 1994. Oats planted 38%, 51% 1994, 50% avg.; 22% emerged, 25% 1994, 20% avg. Tobacco beds seeded 73%, 99% 1994, 86% avg.; 37% emerged, 55% 1994, 49% avg. Soybeans planted 20%. Apples 100% good. Peaches 100% good. Pasture feed 1% very poor, 9% poor, 68% fair, 21% good, 1% excellent. Cattle 1% poor, 11% fair, 81% good, 7% excellent. Sheep 5% fair, 89% good, 6% excellent. Hay, roughage supplies 16% short, 78% adequate, 6% surplus. Feed grain supplies 15% short, 84% adequate, 1% surplus. Activities: Plowing, fertilizing pasture, hay fields, spreading manure, building, repairing fences, calving, lambing, vaccinating, turning out livestock.

**WISCONSIN:** Temperature 43°, 5° below normal. Extremes 19°; 75°. Precipitation 0.80 to 1.50 in.

Days suitable fieldwork 2.0. Soil moisture 1% short, 60% adequate, 39% surplus. Spring tillage 6%, 34% 1994, 24% avg. Oats planted 5%, 43% 1994, 28% avg. Range, pasture feed 15% very poor, 9% poor, 39% fair, 35% good, 2% excellent. Alfalfa freeze damage 59% none, 37% light, 3% moderate, 1% severe. Winter wheat freeze damage 62% none, 34% light, 3% moderate, 1% severe. A reporter summed up: "Farmers are looking at the calendar, getting anxious to get going." Planting activity still a wait, see pattern. Alternate days moisture (snow or rain), cool weather prevented most planting except sandy soils. Potatoes, peas commonly planted central part of State. Cool weather casts some doubt on winter survival of alfalfa, winter wheat. Most reporters indicate only 4% acreage may have moderate to severe damage. Most concern is for old stands of alfalfa.

**WYOMING:** Temperatures 3 to 10° below normal across the State. Extremes 13° Moran, Jackson; 68° Archer. Diversion Dam was the cold spot averaging 10° below normal. Precipitation received across most of the State. Northern, few southeastern parts received 0.10 to 0.40 in. below normal precipitation, while the rest of the State received normal to 1.56 in. above normal. Diversion Dam had the greatest amount with 1.84 in.

Days suitable for fieldwork 2.6 days. Topsoil 2% very short, 5% short, 93% adequate or better. Spring wheat 36% planted, 40% 1994, 43% avg.; 5% emerged, 12% 1994, 14% avg. Oats 36% planted, 50% 1994, 41% avg.; 6% emerged, 15% 1994, 12% avg. Barley 77% planted, 74% 1994, 70% avg.; 36% emerged, 46% 1994, 38% avg. Sugarbeets 73% planted, 78% 1994, 60% avg.; 0% emerged, 25% 1994, 9% avg. Livestock mostly good condition. Spring calving complete 84%, 86% 1994, 83% avg. Calf death losses 38% light, 62% normal. Farm flock: ewes lambed 90%, 94% 1994, 90% avg.; shorn 92%, 95% 1994, 87% avg. Range flock: ewes lambed 16%, 22% 1994, 35% avg.; shorn 61%, 61% 1994, 63% avg. Lamb death losses 14% light, 86% normal. Stockwater supplies 21% short, 76% adequate, 3% surplus. Prospective irrigation water supplies 36% short, 55% adequate, 9% surplus.

# International Weather and Crop Summary

## HIGHLIGHTS

April 16 - 22, 1995

**FSU-WESTERN:** Unusually warm weather and adequate moisture promoted winter wheat growth and favored rapid spring grain emergence.

**NORTHWESTERN AFRICA:** Late-season rain eased dryness over Morocco, Algeria, and Tunisia.

**EUROPE:** Widespread rain for crop planting fell across the region, but unfavorable dryness persisted across Spain and Portugal as well as Hungary.

**SOUTHEAST ASIA:** Locally heavy showers lingered over Java, complicating main-season rice harvesting but maintaining high soil moisture levels.

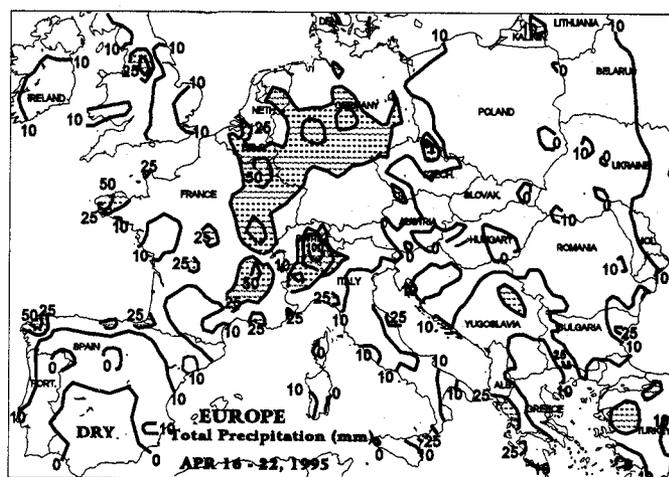
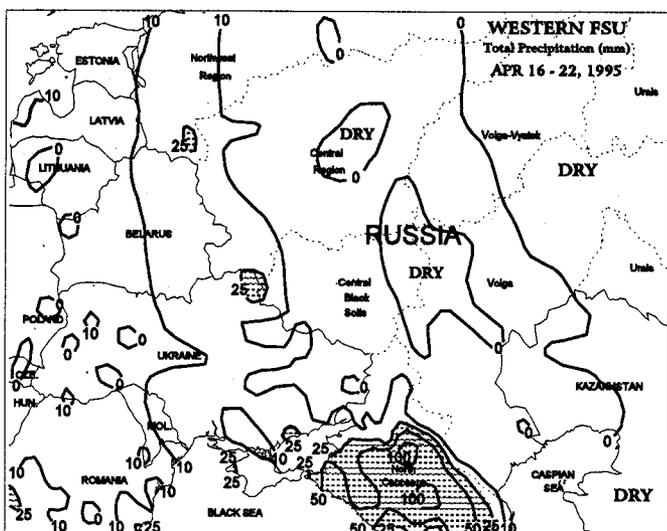
**SOUTH ASIA:** Unseasonably heavy rain covered Pakistan, hampering winter wheat harvesting.

**SOUTH AFRICA:** Warm, dry weather for most of the week favored maturing corn and early winter wheat planting.

**EASTERN ASIA:** Showers aided winter wheat in the north and boosted rice irrigation supplies across central China.

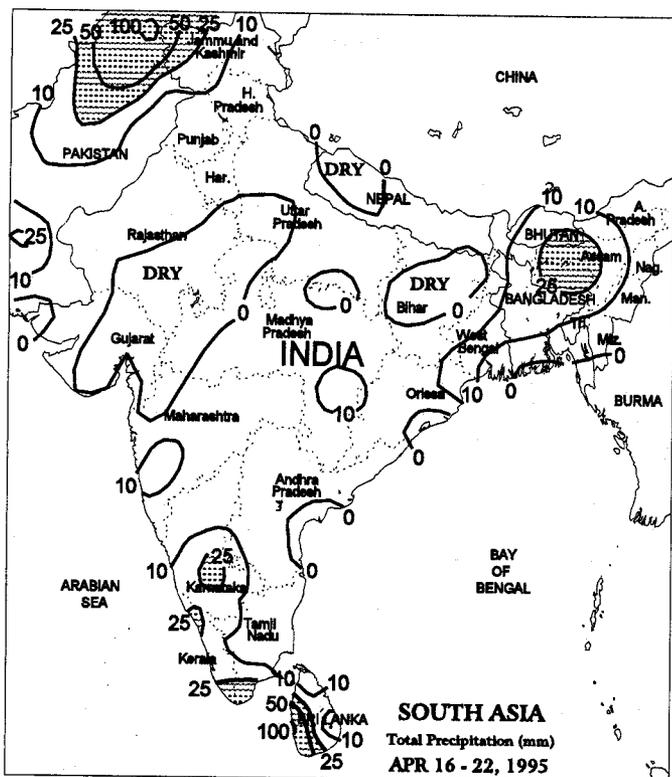
**AUSTRALIA:** Mostly dry weather continued across eastern crop areas, aiding summer crop harvesting, but reducing soil moisture for upcoming winter grain planting.

**SOUTH AMERICA:** Freezing weather occurred in central Argentina, possibly damaging immature second crop soybeans. Showers slowed soybean harvesting in southern Brazil.

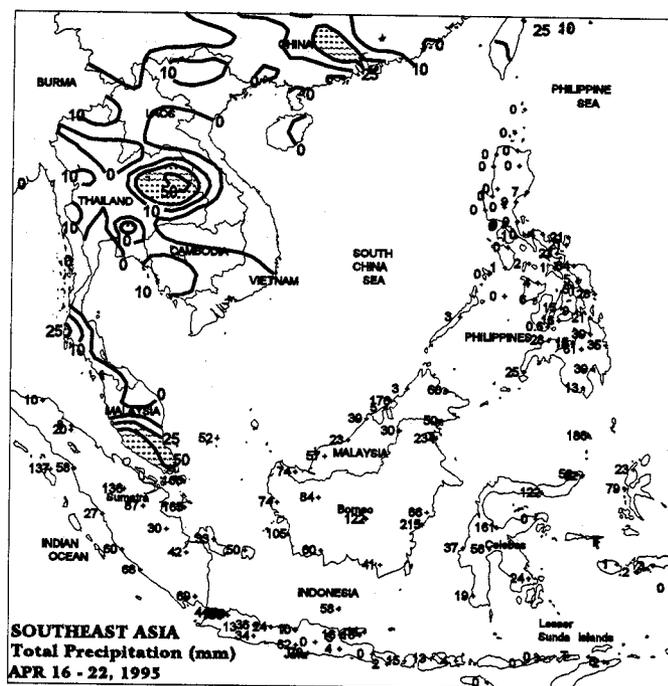


**FSU-WESTERN:** Unusually warm weather returned to most of the region, promoting winter wheat growth and favoring rapid spring grain emergence in the south. Greening of winter grains continued to advance northward at a rapid pace. By week's end, winter grains had broken dormancy over most areas, except in extreme northern Russia, where crops remained dormant. Weekly average temperatures were 2-4 degrees Celsius (C) above normal over Ukraine, Belarus, and the Baltics and 4-9 degrees C above normal over most of Russia. The exception was the North Caucasus region in Russia, where wet weather kept temperatures at more seasonable levels. Light to moderate showers over Ukraine (5-25 mm) maintained adequate moisture for winter grains in the vegetative stage and spring grain emergence. In Russia, dry weather over the Volga Valley, Central Black Soils Region, Central Region, and the Volga Vyatsk allowed spring grain planting to advance northward. Wet weather (25-50 mm, with locally heavy amounts in excess of 75 mm) was confined to central areas in the North Caucasus, providing abundant moisture for jointing winter grains and emerging spring grains. Spring grain planting will begin in crop areas east of the Ural mountains in May.

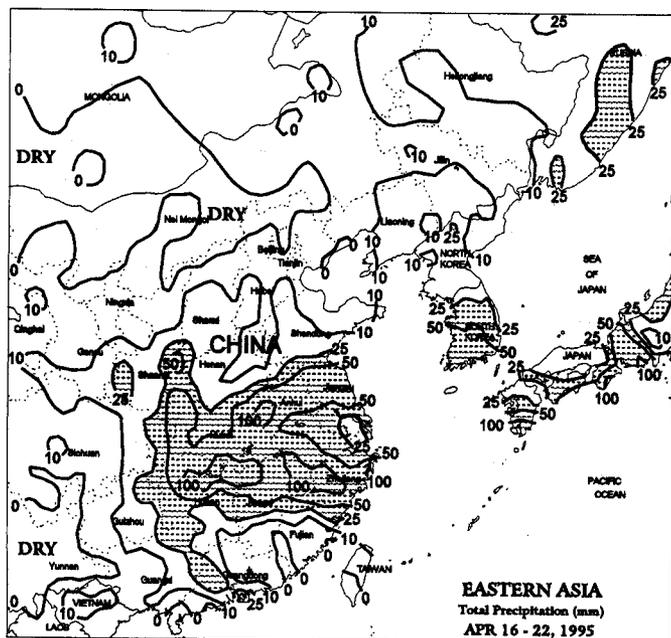
**EUROPE:** The heaviest rain (25-50 mm) fell over central Germany, Belgium, eastern France and over scattered but mostly isolated areas across southern Europe. Beneficial moisture (10-25 mm) for winter crop development and spring crop emergence covered much of southern England, France, Germany, northern Italy, and former Yugoslavia. The showers were especially beneficial for corn, spring wheat and sugar beet planting in southern France and northern Italy, which were trending dry in recent weeks. Some much-needed rain (10-25 mm with scattered higher amounts) also fell along coastal regions of northern Portugal and along Spain's northern coast. However, dry weather persisted over most of drought-plagued Spain and Portugal. Lighter rain (less than 10 mm) fell over eastern Europe, and dry weather prevailed in Hungary, where topsoil moisture is needed for corn and sunflowerseed planting. Warmer weather returned to eastern Europe, with temperatures averaging 1-3 degrees C above normal. Slightly below-normal temperatures accompanied the cloudy and showery weather in the west.



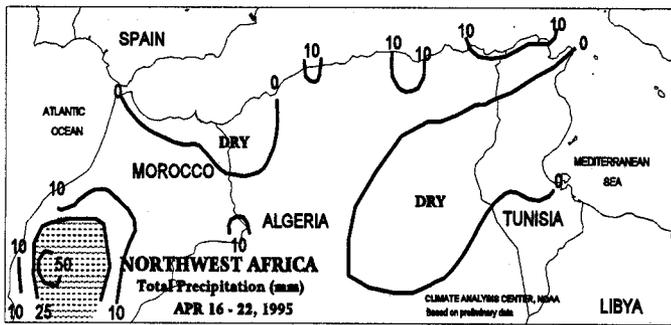
**SOUTH ASIA:** Moderate to heavy showers (17-50 mm) covered southern and northern Pakistan crop areas. Winter wheat harvesting was underway. Only scattered, mostly light showers fell across India's winter grain and oilseed areas. Moderate showers (10-48 mm) in far eastern India (Assam) and along the southwest coast boosted moisture reserves for spring rice planting but slowed harvesting of winter grain crops.



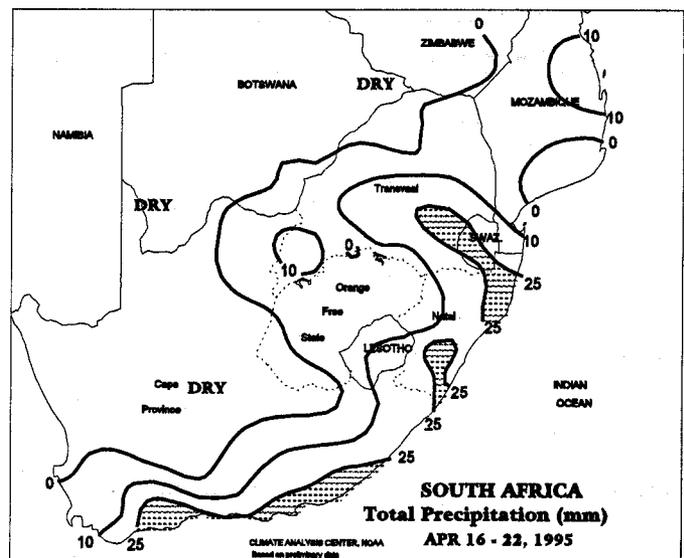
**SOUTHEAST ASIA:** Locally heavy showers (25-87 mm) lingered over Java, where rice harvesting was underway. While hampering fieldwork, the moisture will ensure a good start to dry season cultivation. In Malaysia, beneficial rains (25-50 mm or more) covered oil palm areas of western Peninsular Malaysia and Sarawak. Farther north, scattered showers (10-50 mm or more) fell locally over Thailand's main corn and rice areas. However, hot weather (temperatures averaging 1-3 degrees C above normal, highs in the low 40's C) reduced topsoil moisture for rice and corn planting. Moderate showers (15-61 mm) over the southern and eastern Philippines improved prospects for main season grain planting.



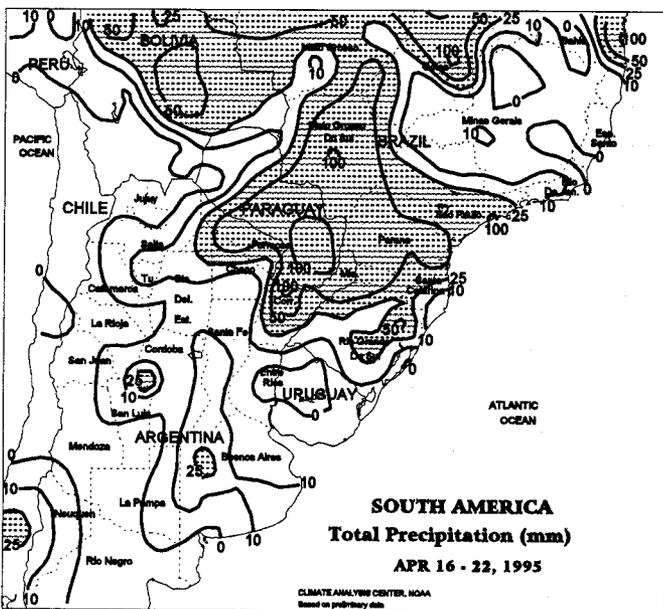
**EASTERN ASIA:** Light to moderate rain (5-20 mm) fell across the North China Plain with heavier amounts (20-45 mm) reported across the southern portions of the Plain (southern Henan, northern Anhui, and Jiangsu). The rain benefited rainfed winter wheat and increased irrigation supplies. Farther south, widespread rain (20-90 mm, with several amounts greater than 100 mm reported along the Yangtze River) covered the lower and central portions of the Yangtze Valley. The moisture kept irrigation supplies high for early double-crop rice but delayed winter grain and oilseed harvesting across the region. However, most of eastern Sichuan received only scattered light rain (1-10 mm). The coastal provinces of southern China received light to moderate showers (5-30 mm). Temperatures averaged near normal across the North China Plain and 1-3 degrees C above normal across the south.



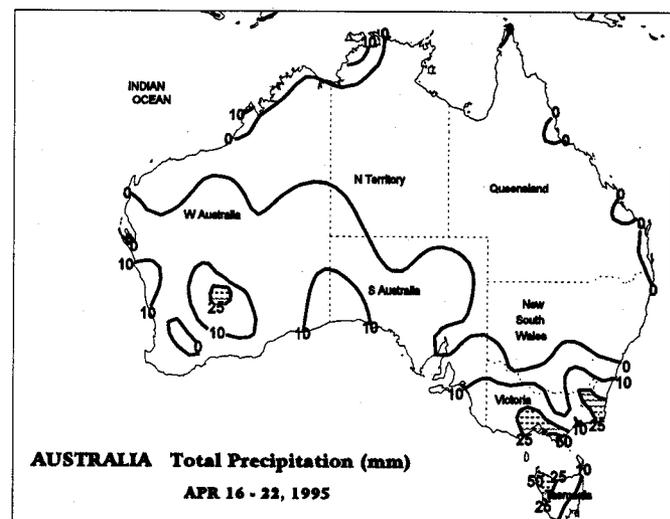
**NORTHWESTERN AFRICA:** Winter grains were in the filling stage over the region, with more advanced crop areas in southern Morocco approaching maturity. Wet weather (25-75 mm) over southern Morocco came too late to help drought-stricken winter grains, but improved moisture conditions for pastures and emerging summer crops (corn and sunflowers). Little, if any, precipitation fell over winter grains in northern Morocco. In Algeria and Tunisia, light, scattered showers (4-17 mm) eased stress on winter grains in the filling stage. Weekly average temperatures were 2-5 degrees C below normal over eastern Algeria and Tunisia, where sub-freezing temperatures (-1 to -4 degrees C) occurred at some locations throughout the week.



**SOUTH AFRICA:** Early week warm, dry weather across the corn belt favored corn maturation and early harvesting. However, scattered showers (5-30 mm) on April 22 boosted topsoil moisture for winter wheat planting, which is currently underway. Although temperatures were generally near to above normal, cold weather (minimum temperatures 0-3 degrees C) produced some scattered frost in southern Orange Free State. Light to moderate rain (14-29 mm) covered coastal sugarcane areas, where harvesting is normally beginning. Farther south, isolated moderate showers (25-46 mm) benefited easternmost wheat areas of Western Cape Province.



**SOUTH AMERICA:** In Argentina, near to below-freezing temperatures (1 to -2 degrees C) were reported across northern Buenos Aires and southern Santa Fe, possibly damaging immature second-crop soybeans. However, only a small percentage of the total soybean crop would be affected. The cool weather helped in the dry down of mature corn and soybeans. Light to moderate rain (5-20 mm, with an isolated amount greater than 30 mm) fell across the region, slowing summer crop harvesting. Light rain (2-14 mm) caused little delay in cotton harvesting across northern Argentina. In southern Brazil, widespread showers (30-90 mm) covered most of Mato Grosso do Sul, Parana, and Rio Grande do Sul, slowing corn and soybean harvesting. Drier weather prevailed across northern Sao Paulo and Minas Gerais. The northern cocoa areas of eastern Bahia received moderate to heavy showers (25-100 mm), aiding cocoa. The remaining southern cocoa areas and Espirito Santo received only scattered light rain (5-10 mm). Southern Paraguay received heavy rain (70-125 mm), causing some local flooding and delaying cotton and soybean harvesting. Temperatures averaged 1-2 degrees C below normal across Argentina and 1-3 degrees C above normal across southern Brazil.



**AUSTRALIA:** Mostly dry weather continued across eastern Australia, aiding summer crop harvesting but reducing soil moisture for upcoming winter grain planting. The dryness also reduced irrigation supplies for northeastern sugarcane. Only Victoria and extreme southern New South Wales received significant rain (5-30 mm) which increased soil moisture. In New Zealand, moderate rain (10-25 mm) fell across the central North Island and northern South Island, increasing soil moisture for pastures. Temperatures averaged 1-3 degrees C below normal across the east and south.

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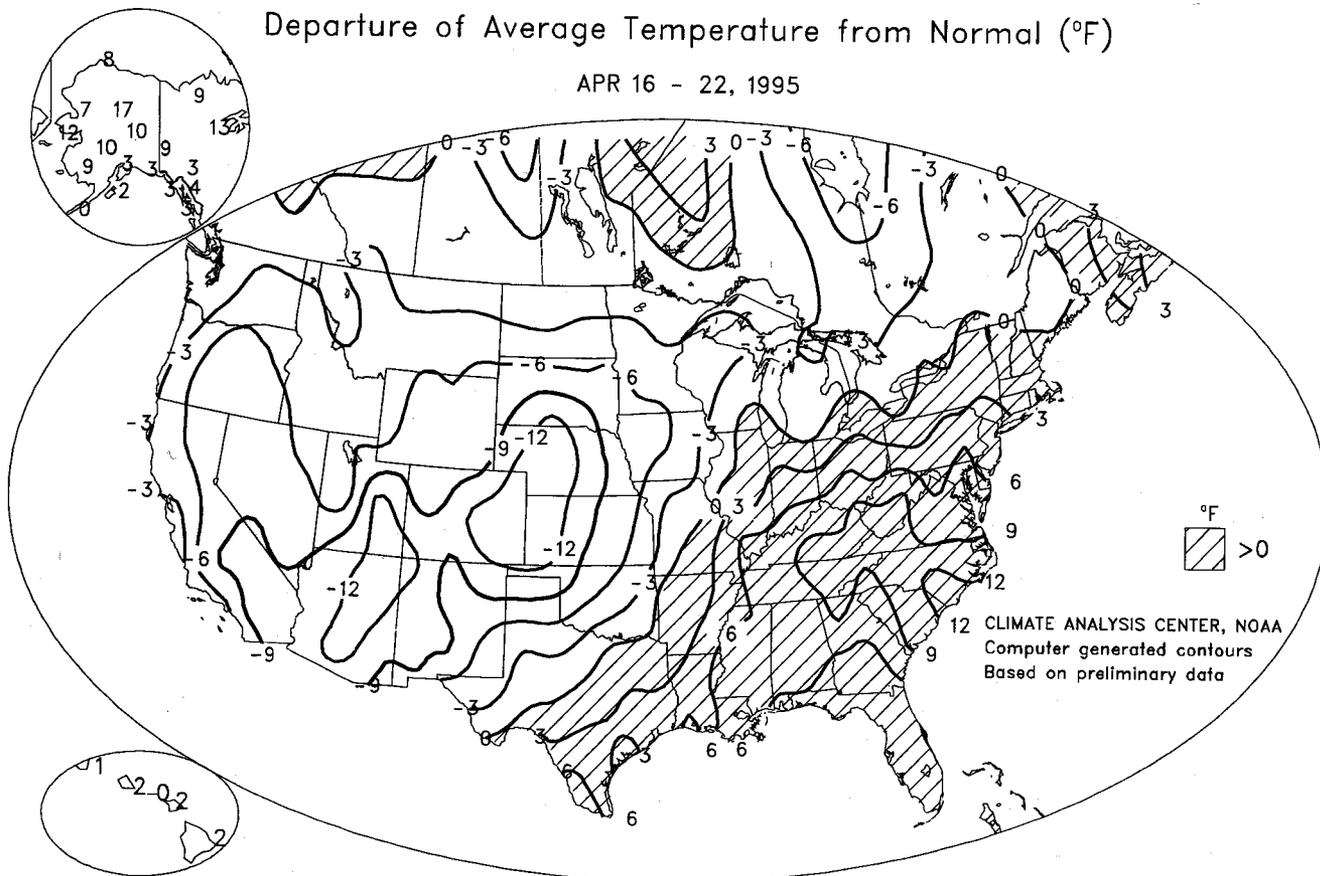
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### Departure of Average Temperature from Normal (°F)

APR 16 - 22, 1995



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