

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

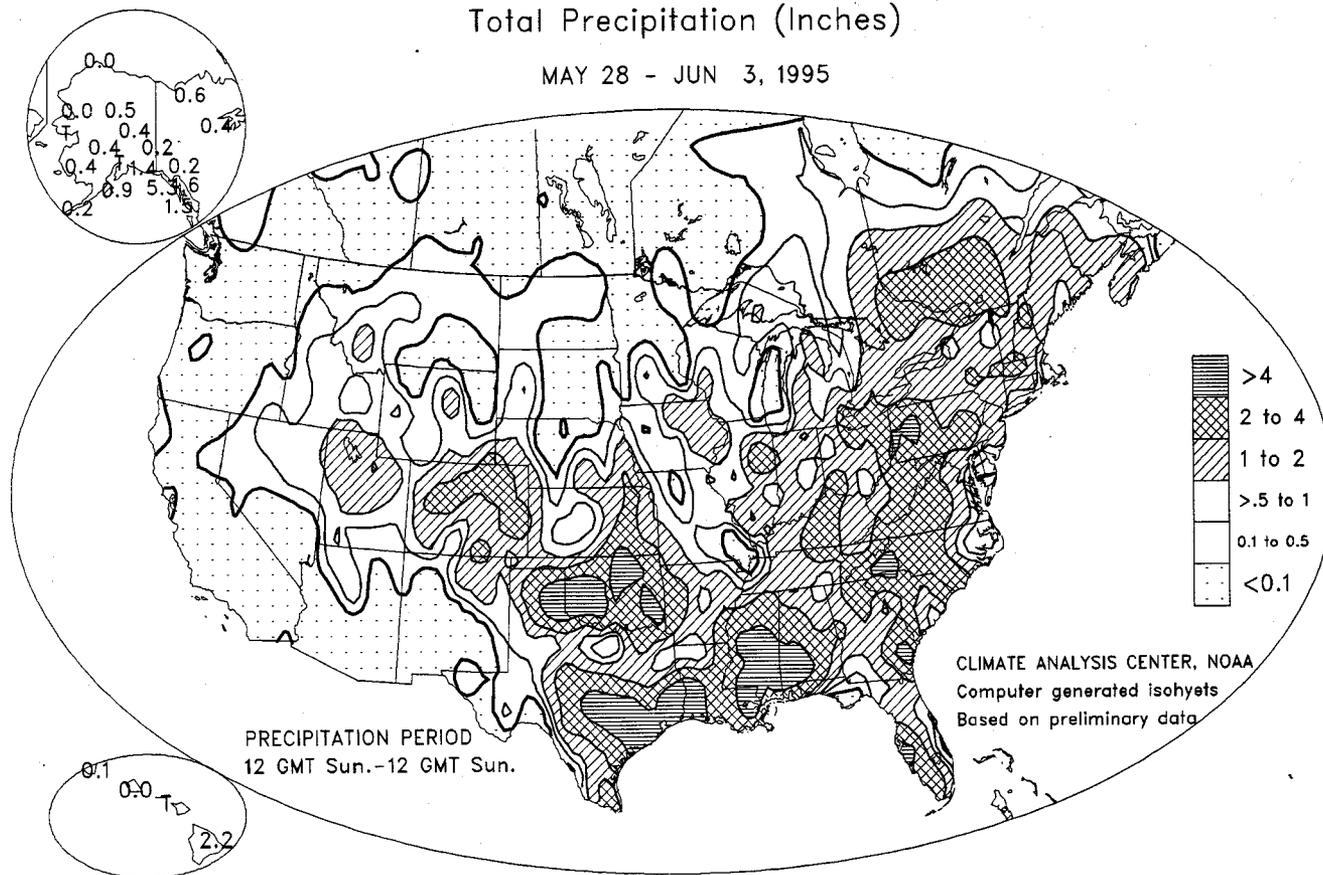
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Washington, D.C.

June 6, 1995

Total Precipitation (Inches)

MAY 28 - JUN 3, 1995



HIGHLIGHTS

May 28 - June 3, 1995

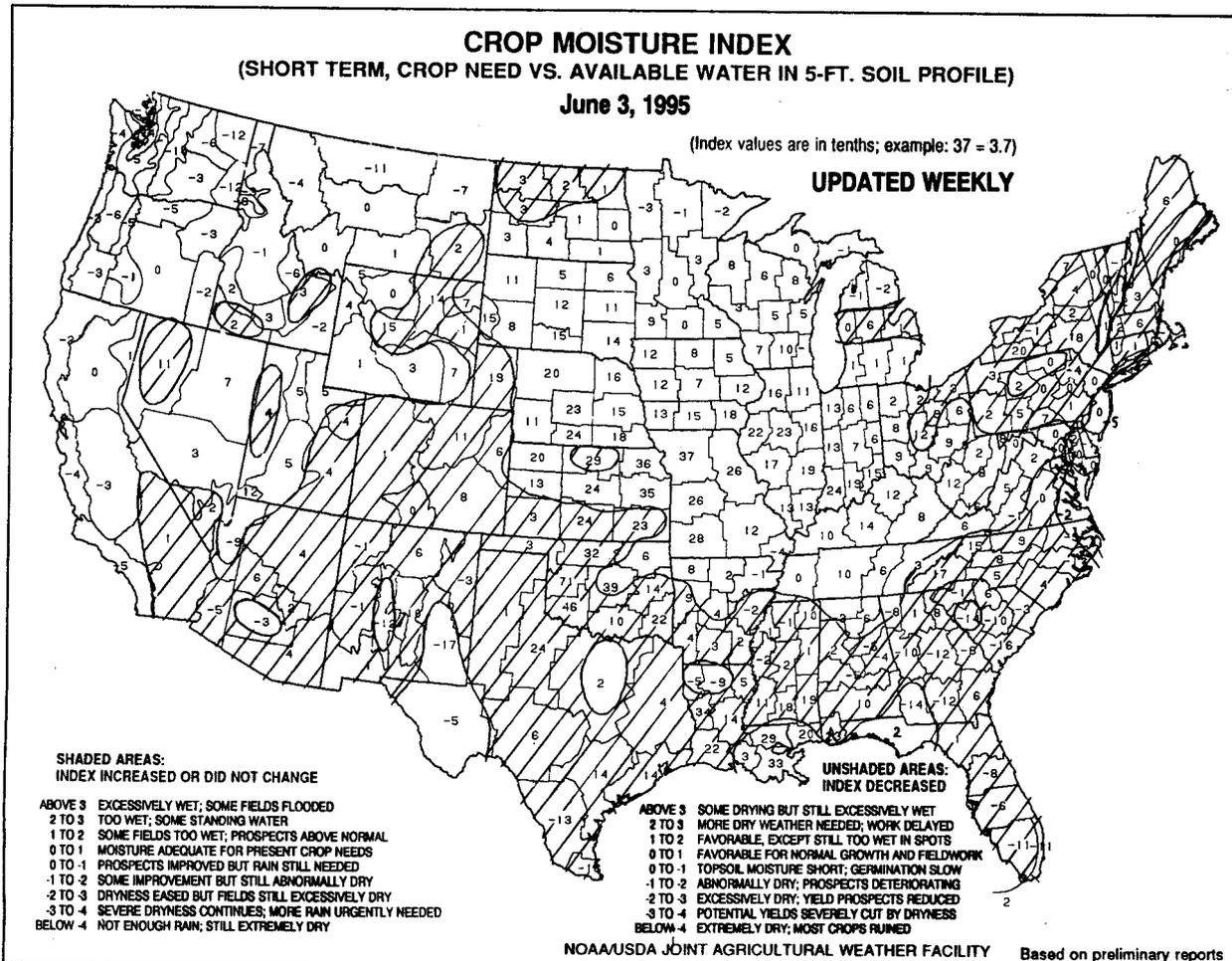
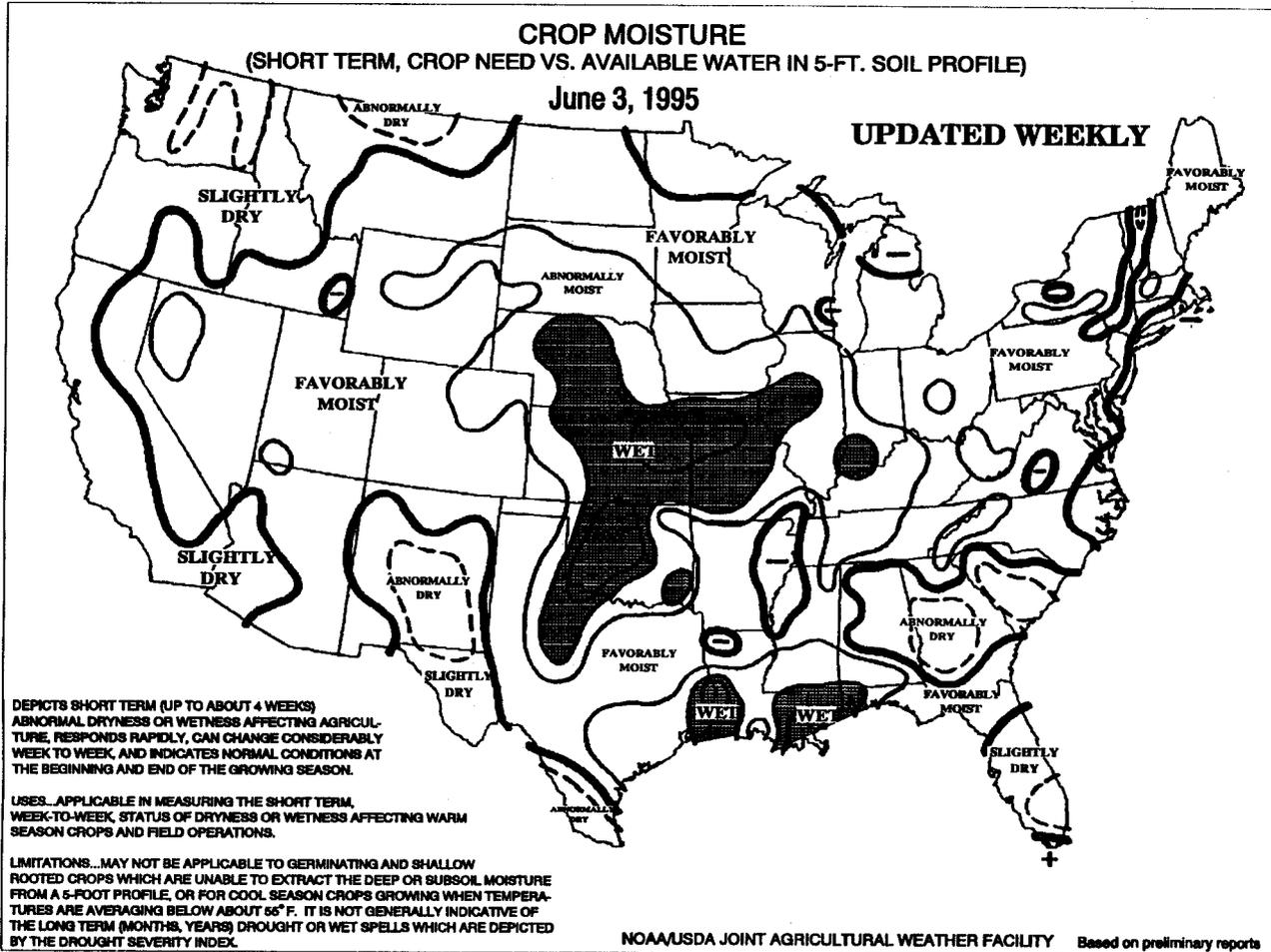
A significant pattern change finally allowed warm, dry air to overspread the **northern Plains**. Farther south, however, a series of disturbances--although weaker than most of those observed during the last 2 months--prolonged damp, cool conditions in the **central Plains**. Most rivers in the **Central States** began to recede as rainfall became more showery and less focused. Strong thunderstorms dotted the **southern Plains**, while farther east, several days of rain eased dryness in the **Southeast**.

Early in the week, a vigorous storm center moved into the **Northeast**, easing dryness but spawning a tornado outbreak. A day after nine tornadoes were spotted in **Ohio**, storms dropped a dozen twisters on the **Northeast** on Monday, including four in **New Jersey** and one in **western Massachusetts** (Continued to p. 15)

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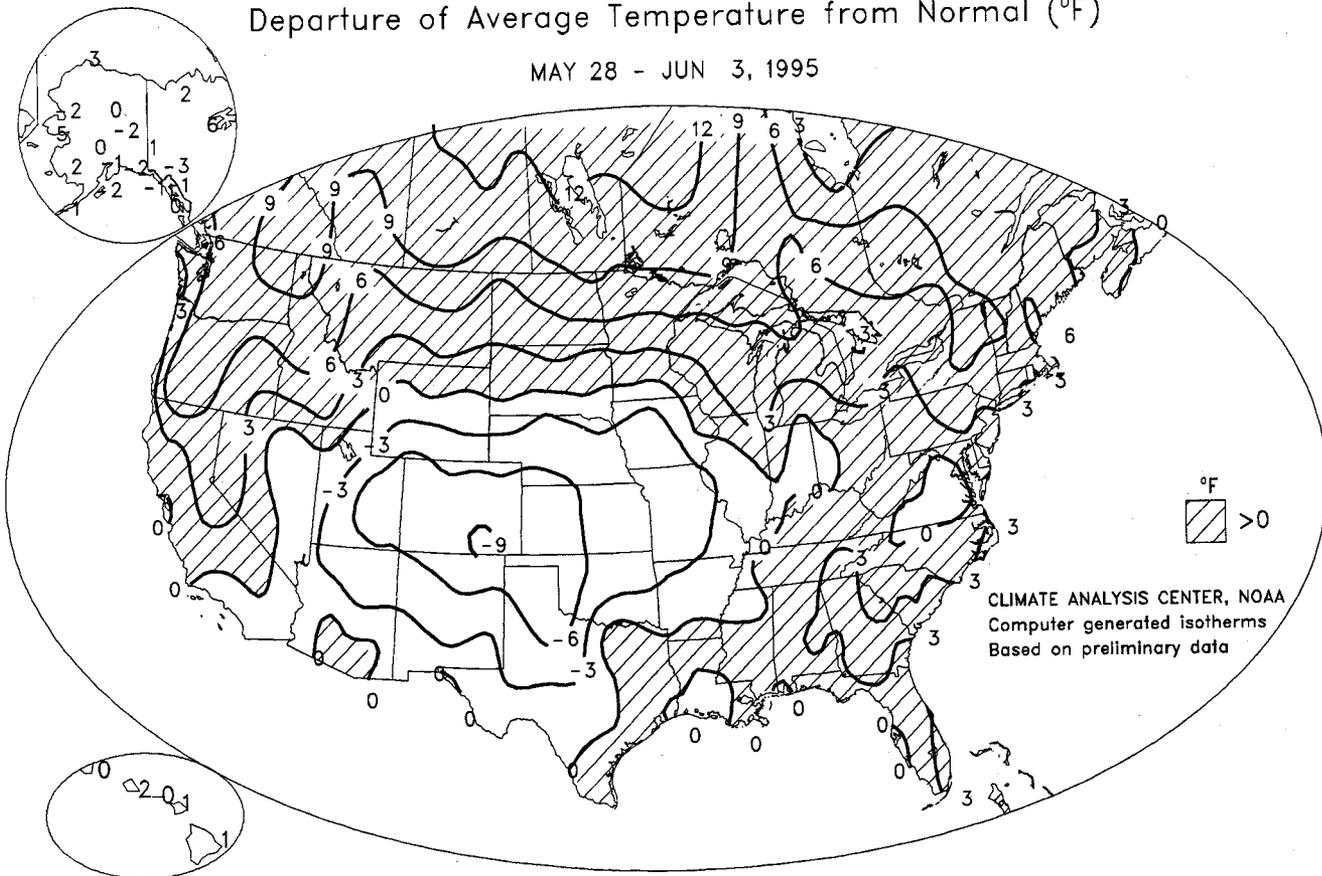
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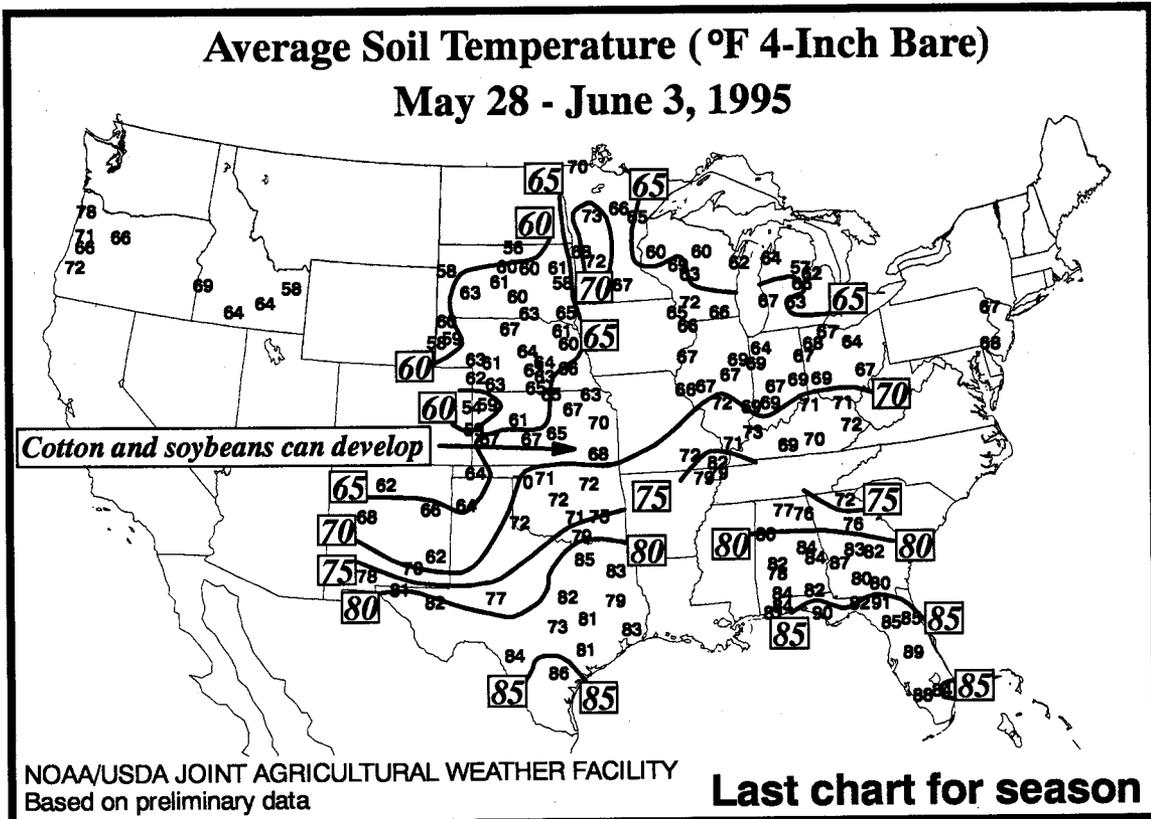
Departure of Average Temperature from Normal (°F)

MAY 28 - JUN 3, 1995



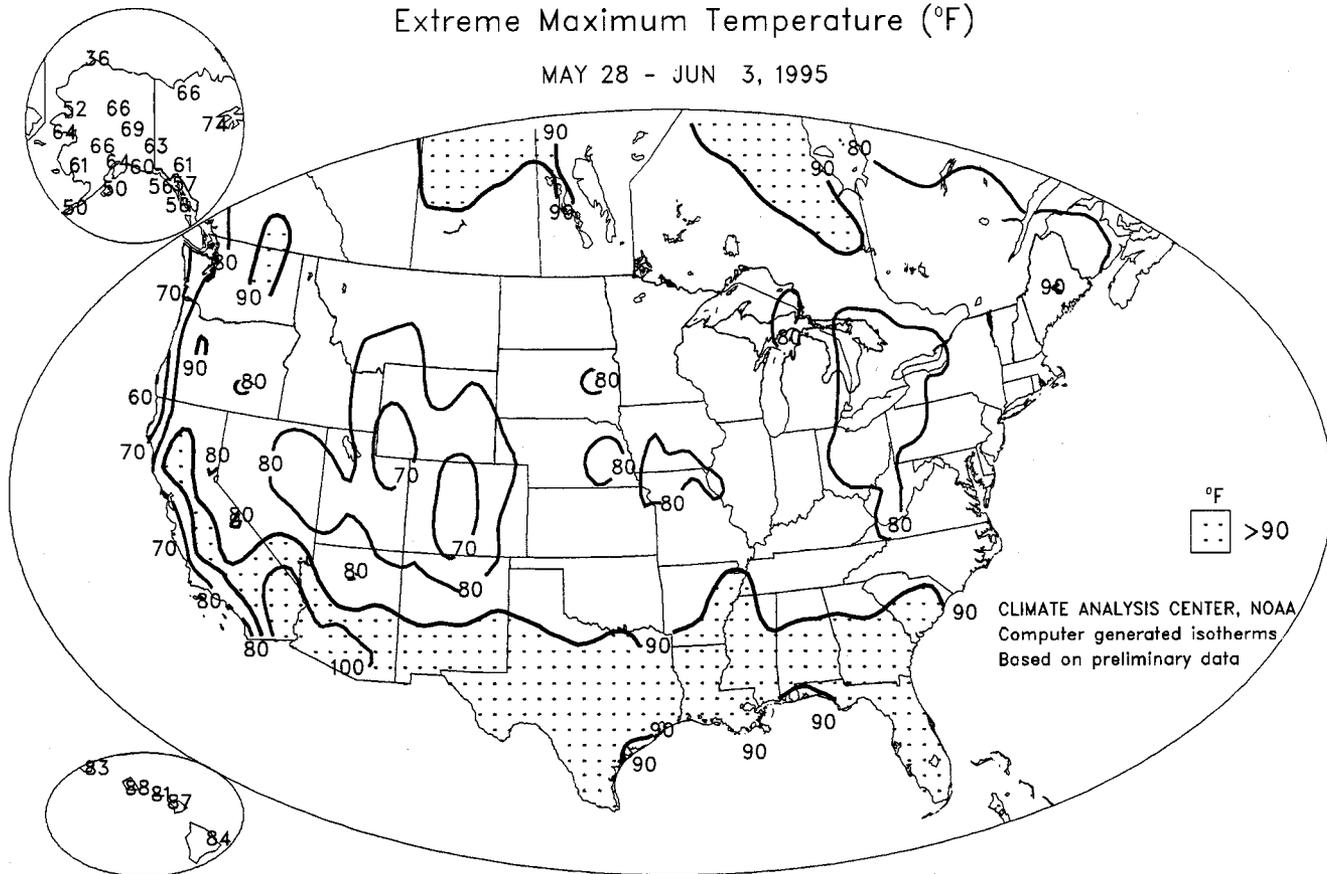
Average Soil Temperature (°F 4-Inch Bare)

May 28 - June 3, 1995



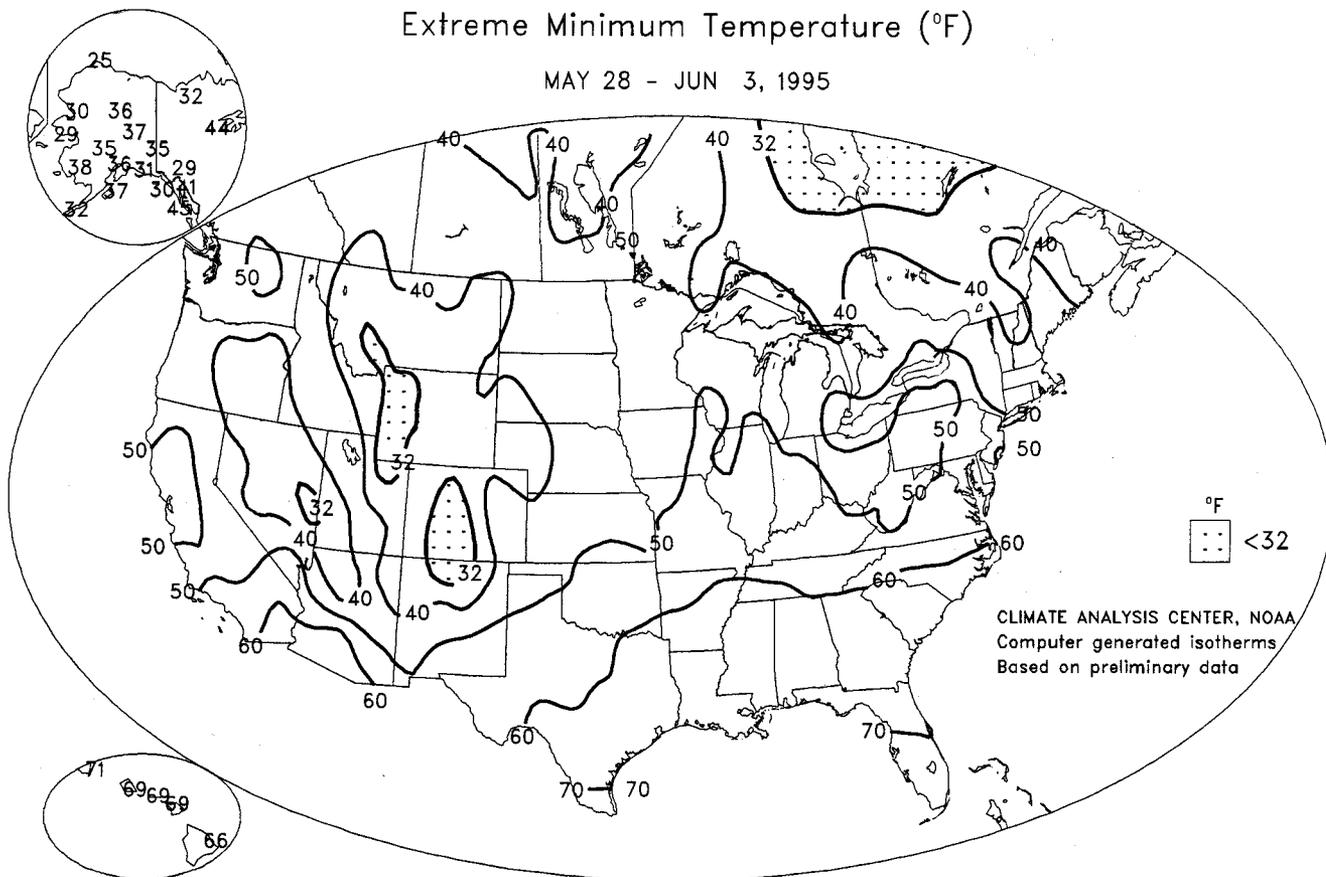
Extreme Maximum Temperature (°F)

MAY 28 - JUN 3, 1995



Extreme Minimum Temperature (°F)

MAY 28 - JUN 3, 1995



National Weather Data for Selected Cities

Weather Data for the Week Ending June 3, 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 Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE	MAXIMUM	MINIMUM	TEMP. °F		PRECIP.	
																	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	85	66	90	62	75	2	1.2	.2	.9	T	0	18.5	70	94	58	1	0	3	1	
MOBILE	86	68	91	67	77	-1	3.4	2.1	1.7	T	338	39.6	145	97	56	1	0	3	3	
MONTGOMERY	89	67	94	64	78	4	.7	.3	.5	T	102	21.1	83	97	53	4	0	3	4	
AK ANCHORAGE	57	42	64	36	50	-1	T	.2	T	T	11	3.6	95	86	47	0	0	1	0	
BARROW	34	29	36	25	31	3	T	.0	T	T	.9	116	96	85	0	7	0	0	0	
FAIRBANKS	66	41	69	37	54	-2	T	.1	.3	T	309	2.0	84	93	34	0	0	2	0	
JUNEAU	53	45	57	41	49	-1	1.6	.9	.9	T	152	. . .	. . .	97	70	0	0	5	1
KODIAK	49	41	50	37	45	-2	.9	.3	.2	T	92	34.9	127	94	74	0	0	7	0	
NOME	57	37	64	29	47	5	T	.1	T	T	.0	0	5.9	178	91	53	0	1	0	
AZ PHOENIX	96	71	105	69	84	0	.0	.0	.0	T	0	3.1	120	36	10	7	7	0	0	
PRESCOTT	78	48	84	40	63	0	.0	.1	.2	T	0	4.9	79	54	19	0	0	0	0	
TUCSON	96	62	102	59	79	0	.0	.0	.0	T	0	3.7	135	38	9	0	0	0	0	
YUMA	97	69	102	63	83	0	.0	.0	.0	T	0	1.9	192	47	11	7	7	0	0	
AR FORT SMITH	77	61	85	58	69	-4	1.7	.6	1.0	T	167	18.9	104	97	64	0	0	2	2	
LITTLE ROCK	80	64	88	60	72	-2	.3	.9	.3	T	.7	18.9	87	81	55	0	0	1	0	
CA BAKERSFIELD	90	60	98	53	75	1	.0	.0	.0	T	0	7.7	207	44	14	4	4	0	0	
KUREKA	57	51	59	50	54	0	.1	.2	.1	T	75	34.1	167	92	78	0	0	2	0	
FRESNO	91	60	97	53	75	3	.0	.0	.0	T	0	14.5	210	71	18	4	4	0	0	
LOS ANGELES	68	57	69	56	62	-2	T	.0	T	T	0	20.4	263	91	72	0	0	0	0	
REDDING	90	58	96	55	74	3	T	.2	T	T	38	44.9	245	82	23	6	6	1	0	
SACRAMENTO	86	54	92	51	70	2	.0	.0	.0	T	0	23.9	220	93	38	4	4	0	0	
SAN DIEGO	68	60	71	59	64	-1	T	.0	T	T	0	15.3	250	85	65	0	0	0	0	
SAN FRANCISCO	65	50	71	50	58	-2	T	.0	T	T	0	20.4	168	93	65	0	0	0	0	
CO DENVER	65	45	76	43	55	-7	.9	.4	.3	T	260	8.3	124	94	58	0	0	6	0	
GRAND JUNCTION	72	48	84	42	60	-8	.3	.1	.2	T	112	6.0	140	80	31	0	0	2	0	
FURBLO	69	46	79	41	58	-8	1.2	.9	.6	T	582	8.5	234	94	48	0	0	5	1	
CT BRIDGEPORT	76	58	84	51	67	4	.2	.7	.2	T	3	13.8	76	82	52	0	0	2	0	
HARTFORD	79	55	88	44	67	3	.9	.0	.5	T	115	14.7	79	91	47	0	0	3	0	
DC WASHINGTON	79	62	86	57	71	-1	.7	-.1	.3	T	68	13.4	87	92	55	0	0	4	0	
FL PANAMA CITY	85	71	88	69	78	1	T	-.1	T	T	0	14.5	61	96	59	0	0	0	0	
DAYTONA BEACH	90	71	95	68	80	3	.1	-.1	.1	T	4	7.6	50	95	54	3	0	2	0	
JACKSONVILLE	90	70	94	65	80	3	1.0	-.1	.7	T	.8	167	12.0	70	97	57	3	0	3	
KEY WEST	89	78	91	75	84	1	1.0	-.1	.7	T	1.0	198	10.0	89	79	62	1	0	4	
MIAMI	88	78	89	76	83	3	1.1	-.9	1.1	T	1.1	118	16.9	103	75	59	0	1	1	
ORLANDO	90	72	93	70	81	1	2.6	1.3	1.8	T	2.4	395	12.3	84	91	53	5	0	4	
TALLAHASSEE	92	68	94	65	80	3	T	-.1	T	T	0	17.7	69	92	45	5	0	1	0	
TAMPA	88	73	95	72	81	1	2.1	1.1	1.3	T	2.0	424	12.7	99	91	59	5	0	6	
WEST PALM BEACH	90	75	91	72	83	3	.2	-.6	.2	T	.2	25	9.5	51	78	55	4	0	1	
GA ATLANTA	86	70	91	68	78	5	1.0	-.1	.4	T	.5	143	18.4	76	93	54	1	0	5	
AUGUSTA	88	66	94	62	77	3	1.0	-.1	.9	T	.9	218	16.1	79	97	55	1	0	4	
MACON	88	69	93	66	78	3	1.0	.2	.4	T	3	16.3	76	95	55	2	0	5		
SAVANNAH	88	71	92	69	80	3	2.7	1.5	1.3	T	1.2	232	13.0	71	96	58	3	0	6	
HI HILO	83	69	84	66	76	1	2.2	.6	.9	T	.4	56	27.4	46	89	62	0	0	5	
HONOLULU	88	73	88	69	80	2	T	.2	T	T	0	9.7	90	73	48	0	0	0	0	
KAHULUI	85	71	87	69	78	1	T	-.1	T	T	0	7.9	64	75	52	0	0	1	0	
LIHUE	82	72	83	71	77	0	T	-.5	-.1	T	.1	33	13.3	65	83	60	0	0	1	
ID BOISE	82	53	87	43	68	6	.1	-.2	-.1	T	.1	78	7.6	122	72	26	0	0	2	
LEWISTON	84	57	89	50	70	8	.0	-.3	.0	T	.0	5.8	99	60	25	0	0	0	0	
POCATELLO	72	44	80	40	58	0	.5	.2	.3	T	.3	283	8.0	135	90	43	0	0	4	
IL CHICAGO	77	57	84	54	67	3	.4	-.4	.3	T	.1	27	15.4	120	82	46	0	0	3	
MOLINE	78	55	84	49	67	0	.6	-.4	.6	T	.6	134	19.0	133	92	49	0	0	2	
PEORIA	77	55	82	51	66	-1	.1	-.8	.0	T	8	20.0	146	95	50	0	0	4		
QUINCY	72	56	77	51	64	-4	.1	-.9	.1	T	.1	28	16.0	108	88	53	0	0	3	
ROCKFORD	77	55	83	50	66	2	.5	-.5	.4	T	.4	98	14.7	116	97	51	0	0	2	
SPRINGFIELD	78	58	82	50	68	-1	.1	-.7	.0	T	.1	15	18.3	129	93	47	0	0	3	
IN EVANSVILLE	80	61	87	52	70	-1	1.0	.0	.6	T	.6	147	27.9	136	90	53	0	0	3	
FORT WAYNE	75	56	82	49	65	0	.8	.0	.6	T	.2	57	14.7	106	93	57	0	0	3	
INDIANAPOLIS	75	57	85	48	66	-1	.4	-.5	.2	T	.2	57	16.7	101	94	55	0	0	2	
SOUTH BEND	76	55	82	46	65	1	.6	-.2	.4	T	.2	55	14.4	98	89	53	0	0	3	
IA DES MOINES	73	55	81	47	64	-2	.6	-.5	.3	T	.5	102	17.2	139	90	56	0	0	3	
SIOUX CITY	73	51	80	45	62	-4	1.1	.3	.7	T	.7	192	12.9	134	95	50	0	0	4	
WATERLOO	75	53	83	48	64	-1	1.2	.2	.7	T	.9	214	12.1	101	96	49	0	0	3	
IS CONCORDIA	71	53	80	46	62	-6	.2	-.9	.1	T	9	14.0	132	93	59	0	0	4		
DODGE CITY	73	53	85	49	63	-7	.5	-.3	.2	T	.2	26	10.3	128	94	52	0	0	4	
GOODLAND	68	47	82	40	58	-7	1.1	.3	.4	T	.7	212	9.3	131	96	57	0	0	4	
TOPEKA	74	56	80	49	65	-5	.7	-.5	.6	T	.1	16	19.4	155	96	58	0	0	4	
WICHITA	73	57	86	51	65	-5	.7	-.5	.5	T	.5	86	13.1	105	93	58	0	0	3	
KY BOWLING GREEN	81	62	86	54	72	1	1.2	.2	.6	T	.8	191	18.5	81	96	55	0	0	5	
LEXINGTON	78	59	82	50	69	0	2.3	1.4	.7	T	1.2	314	24.6	128	90	63	0	0	5	
LOUISVILLE	79	61	83	53	70	1	1.0	.1	.6	T	.8	203	19.9	99	92	60	0	0	4	
LA BATON ROUGE	87	69	90	63	78	0	1.2	.2	.7	T	.2	56	39.8	153	100	68	2	0	3	
LAKE CHARLES	86	71	91	66	79	1	5.2	3.9	2.2	T	1.1	213	25.7	123	99	66	1	0	4	
NEW ORLEANS	88	69	91	63	79	1	4.2	3.1	2.9	T	1.0	183	42.5	166	96	53	3	0	4	
SHERVEPORT	88	69	94	64	78	3	.4	-.8	.2	T	0	24.3	108	97	55	3	0	2	0	

Based on 1961-90 normals.

Weather Data for the Week Ending June 3, 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 Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE		.50 INCH OR MORE	
																		90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
ME CARIBOU	70	50	87	39	60	4	1.1	.4	.7	.4	136	15.5	124	89	50	0	0	4	1		
PORTLAND	76	53	88	41	64	6	1.0	.2	.5	.4	123	16.5	89	95	50	0	0	4	1		
MD BALTIMORE	81	61	88	56	71	3	.6	.2	.3	.3	92	12.0	71	90	49	0	0	2	0		
SALISBURY	81	59	88	51	70	2	.1	.8	.1	.4	6	11.3	61	93	48	0	0	2	0		
MA BOSTON	79	59	90	51	69	6	.2	.5	.2	.4	9	12.3	68	81	44	1	0	3	0		
CHATHAM	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MI ALPENA	75	50	87	46	63	6	.4	.3	.3	.4	0	8.1	78	89	47	0	0	2	0		
DETROIT	76	57	80	53	66	3	1.1	.3	1.0	.1	17	12.2	99	91	54	0	0	6	1		
FLINT	75	54	82	49	64	3	.5	.1	.3	.3	110	9.4	87	92	54	0	0	4	0		
GRAND RAPIDS	76	53	82	46	65	2	3.0	2.2	1.4	2.7	758	14.6	115	93	51	0	0	4	2		
HOUGHTON LAKE	77	53	83	46	65	2	.5	.2	.4	.1	40	9.0	92	85	45	0	0	2	0		
LANSING	74	51	80	47	63	0	.5	.3	.2	.1	15	11.3	102	99	60	0	0	4	0		
MARQUETTE	73	50	85	41	61	6	1.7	.9	1.4	.0	0	13.8	109	81	41	0	0	2	1		
MUSKEGON	74	52	81	41	63	2	.4	.1	.3	.4	144	11.6	96	97	52	0	0	3	0		
SAULT ST. MARIE	74	48	81	44	61	6	.5	.2	.5	.0	0	12.1	102	88	49	0	0	2	1		
MN ALEXANDRIA	77	54	84	46	65	4	...	...	...	...	...	...	...	86	38	0	0	...	...
DULUTH	74	51	82	43	63	7	.3	.5	.3	.4	0	10.7	112	77	37	0	0	1	0		
INT'L FALLS	81	51	85	44	66	8	.6	.2	.6	.6	163	6.6	94	77	34	0	0	1	1		
MINNEAPOLIS	76	53	84	43	65	1	.5	.4	.5	.4	2	7.1	71	84	42	0	0	2	1		
ROCHESTER	73	52	82	48	63	1	.9	.1	.8	.1	14	9.7	99	91	53	0	0	1	1		
MS GREENWOOD	85	67	93	65	76	0	1.4	.3	1.1	.1	22	20.9	81	96	60	1	0	3	1		
JACKSON	84	66	89	62	75	0	2.7	1.7	1.8	.6	145	25.8	94	98	64	0	0	5	2		
MORRIS	87	68	93	65	77	2	2.6	1.8	1.3	.4	114	26.6	97	93	56	1	0	5	2		
MO CAPE GIRARDEAU	79	61	89	55	70	-2	.4	-1.0	.7	.4	0	20.9	98	91	45	0	0	2	0		
COLUMBIA	75	57	85	52	66	-1	.8	.3	.7	.7	165	27.7	182	96	59	0	0	0	1		
KANSAS CITY	74	55	79	47	65	-4	.6	.6	.6	.6	0	18.7	140	91	53	0	0	2	1		
SAINT LOUIS	78	62	82	56	70	-1	.7	.2	.6	.7	182	25.9	169	87	50	0	0	2	1		
SPRINGFIELD	75	56	82	50	66	-3	1.2	.1	.7	.4	68	22.9	136	91	59	0	0	4	1		
MT BILLINGS	76	48	81	39	62	2	.1	.5	.1	.1	21	8.1	111	77	32	0	0	1	0		
GLASGOW	83	51	91	41	67	7	.6	.2	.6	.6	300	4.0	108	82	27	1	0	1	1		
GREAT FALLS	78	44	82	37	61	3	.7	.1	.7	.7	274	6.4	94	84	29	0	0	1	1		
HAVRE	85	50	88	41	67	8	.3	.1	.3	.3	167	4.2	97	69	21	0	0	1	0		
HELENA	80	41	83	31	61	3	.4	.0	.4	.4	215	5.3	111	80	25	0	1	2	0		
KALISPELL	80	43	85	35	62	7	.4	.5	.4	.4	4	5.5	80	89	29	0	0	1	0		
MILES CITY	81	52	86	41	67	5	.4	.6	.4	.4	0	5.9	106	85	30	0	0	1	0		
MISSOULA	81	46	86	35	64	8	.2	.3	.2	.2	85	3.9	65	74	26	0	0	2	0		
NE GRAND ISLAND	71	52	78	45	61	-5	.9	.1	.7	.8	183	12.5	127	96	56	0	0	3	1		
LINCOLN	73	51	78	44	62	-5	.6	.3	.5	.1	27	14.4	138	97	54	0	0	2	1		
NORFOLK	75	52	80	47	64	-2	.6	.4	.4	.4	91	14.8	155	94	49	0	0	3	0		
NORTH PLATTE	71	47	82	39	59	-4	.1	.7	.1	.4	12	9.1	117	96	53	0	0	3	0		
OMAHA	75	52	81	42	64	-4	.2	.8	.2	.1	14	14.7	131	95	52	0	0	2	0		
SCOTTSBLOFF	68	47	80	38	58	-4	.7	.0	.3	.5	168	9.5	143	94	51	0	0	3	0		
VALENTINE	74	49	82	40	61	-3	.2	.7	.2	.2	49	10.8	131	85	39	0	0	1	0		
NV ELY	66	38	77	31	52	-3	.8	.5	.4	.7	664	8.0	174	93	39	0	1	5	0		
LAS VEGAS	92	66	98	56	79	0	.4	.0	.4	.4	0	3.6	195	41	14	5	0	0	0		
RENO	79	49	83	45	64	4	.3	.2	.3	.3	567	8.8	224	84	24	0	0	2	0		
WINNEVOCCA	78	42	83	32	60	0	.4	.2	.3	.4	433	6.9	176	91	26	0	1	3	0		
NH CONCORD	80	51	91	40	66	6	1.0	.2	.9	.1	25	13.2	93	95	46	1	0	3	1		
NJ ATLANTIC CITY	78	56	83	45	67	2	.9	.2	.8	.1	27	12.7	73	94	51	0	0	3	1		
NM ALBUQUERQUE	80	52	89	44	66	-3	.4	.3	.8	.4	0	1.9	75	55	20	0	0	1	0		
CLOVIS	78	55	91	49	67	-3	.8	.3	.8	.4	0	3.0	67	93	36	1	0	1	1		
ROSWELL	86	58	96	53	72	-2	.1	.2	.1	.0	0	.8	28	79	24	4	0	2	0		
NY ALBANY	78	55	84	43	67	4	2.4	1.5	1.6	1.8	481	11.3	79	90	48	0	0	4	1		
BINGHAMTON	75	55	81	50	65	4	.9	.1	.4	.7	194	11.4	79	86	53	0	0	5	0		
BUFFALO	72	57	80	53	64	3	1.0	.2	.4	.4	117	13.1	93	88	57	0	0	3	1		
NEW YORK	79	63	88	55	71	5	.9	.1	.7	.1	31	12.6	72	80	47	0	0	3	1		
ROCHESTER	76	57	83	54	67	5	.8	.2	.4	.4	123	8.5	70	88	47	0	0	4	1		
SYRACUSE	78	57	82	50	67	6	1.3	.5	.8	.8	208	9.7	68	88	47	0	0	4	1		
NC ASHEVILLE	76	60	80	55	68	1	3.1	2.0	1.2	2.4	470	21.7	93	100	69	0	0	5	2		
CHARLOTTE	81	66	85	62	73	1	1.2	.3	.5	1.1	326	16.0	85	95	63	0	0	4	2		
GREENSBORO	79	62	85	57	70	1	1.5	.6	1.2	1.5	405	12.5	72	90	59	0	0	3	1		
HATTERAS	83	70	88	65	77	6	.9	.0	.9	.9	230	19.7	91	80	42	0	0	1	1		
NEW BERN	83	67	90	63	75	2	.4	.7	.4	.4	75	10.0	48	95	62	1	0	2	0		
RALEIGH	82	63	87	57	72	1	1.3	.4	.7	.8	200	17.5	98	98	66	0	0	3	2		
WILMINGTON	83	67	90	64	75	2	3.9	2.9	3.4	.4	98	20.8	99	88	63	1	0	3	1		
ND BISMARCK	79	50	82	44	65	5	.0	.6	.0	.0	0	7.5	130	88	37	0	0	0	0		
FARGO	82	53	86	47	67	6	.0	.6	.0	.0	0	6.8	100	78	33	0	0	0	0		
GRAND FORKS	84	54	87	45	69	9	.1	.5	.1	.1	19	4.8	82	82	27	0	0	1	0		
WILLISTON	81	46	86	37	64	4	.4	.5	.4	.4	0	5.2	101	92	35	0	0	0	0		
OH AERON-CANTON	73	57	77	49	65	1	1.4	.6	1.2	.1	41	17.7	118	96	64	0	0	5	1		
CINCINNATI	76	58	80	49	67	0	1.1	.2	.8	.3	87	21.1	118	95	62	0	0	4	1		
CLEVELAND	74	58	79	50	66	3	1.3	.4	1.1	.1	35	17.7	125	95	63	0	0	4	1		
COLUMBUS	76	58	79	49	67	2	2.2	1.2	1.0	1.8	472	17.7	116	92	59	0	0	5	2		
DAYTON	75	57	79	49	66	0	1.4	.5	.7	.8	205	21.6	140	93	63	0	0	4	2		

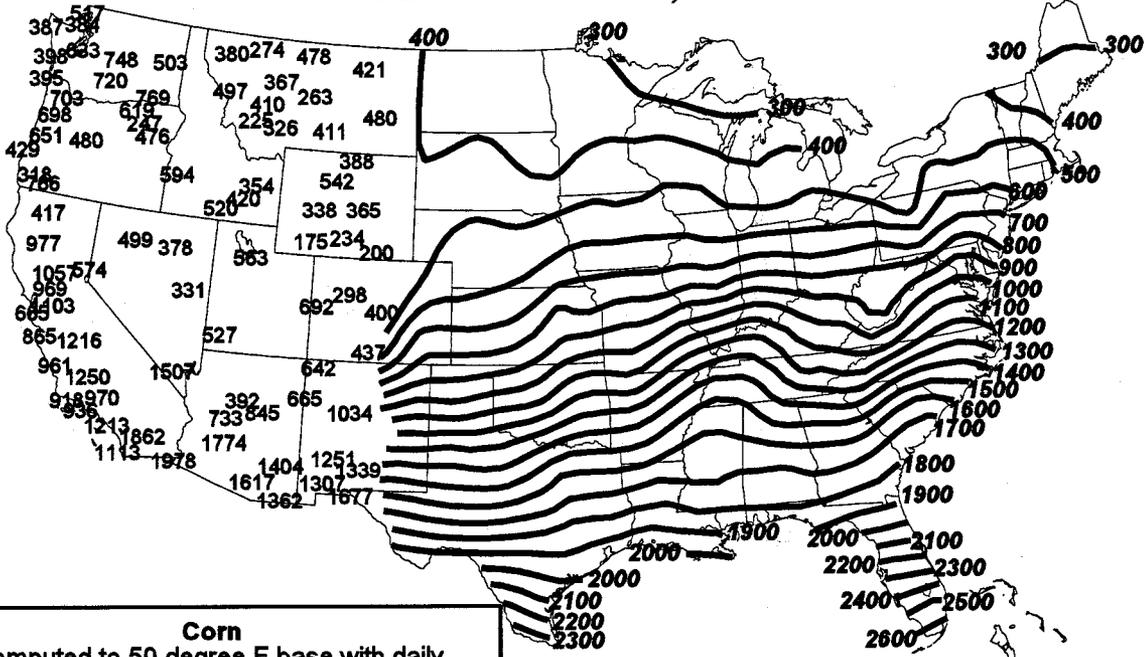
Based on 1961-90 normals.

Weather Data for the Week Ending June 3, 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 Jun 1	PCT. NORMAL SINCE Jun 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	76	57	82	50	67	3	.7	-.1	.4	.2	69	13.0	105	92	58	0	0	2	0	0
YOUNGSTOWN	72	57	77	51	64	2	1.5	-.6	1.9	.9	224	13.5	95	94	66	0	0	3	2	2
OK OKLAHOMA CITY	77	59	87	57	68	-4	1.5	.3	1.1	1.3	264	14.0	101	93	65	0	0	5	1	1
TULSA	77	60	87	54	69	-5	1.3	-.1	.6	.5	87	20.5	122	94	67	0	0	4	5	1
OR ASTORIA	64	50	67	47	57	2	.7	-.6	.7	.7	0	32.8	101	92	65	0	0	0	0	0
BURNS	76	43	79	37	59	5	.7	-.2	.7	.7	33	7.5	167	77	25	0	0	1	0	0
MEDFORD	88	53	92	49	70	8	.3	-.1	.3	.3	312	11.8	136	90	24	3	3	1	0	0
PENDLETON	83	53	87	48	68	6	.3	-.1	.3	.3	388	9.1	153	75	29	0	0	0	0	0
PORTLAND	81	53	87	50	67	7	.0	-.4	.0	.0	0	17.7	102	81	32	0	0	0	0	0
SALEM	83	48	90	46	66	8	.0	-.4	.0	.0	0	23.1	121	87	35	1	0	0	0	0
PA ALLENTOWN	78	57	83	51	68	3	.9	-.0	.4	.3	74	14.9	85	93	49	0	0	4	0	0
ERIE	71	58	80	53	65	3	.6	-.3	.2	.2	55	13.3	91	92	57	0	0	4	0	0
HARRISBURG	78	61	84	55	70	3	2.7	1.7	1.2	1.0	249	12.6	75	95	73	0	0	4	2	0
PHILADELPHIA	81	62	86	56	72	5	.3	-.7	.2	.1	24	11.9	64	93	54	0	0	3	0	0
PITTSBURGH	75	56	80	47	65	1	.8	-.0	.5	.7	195	11.7	76	88	58	0	0	5	1	0
SCRANTON	79	57	84	49	68	5	.4	-.5	.2	.3	64	9.3	67	88	45	0	0	4	0	0
RI PROVIDENCE	78	57	88	45	67	5	.6	-.2	.6	.1	17	15.1	76	83	47	0	0	2	1	0
SC CHARLESTON	87	72	95	69	79	3	.9	-.3	.4	.3	45	11.7	64	96	63	1	0	6	0	0
COLUMBIA	88	68	93	66	78	3	1.1	-.2	.6	.7	167	16.2	78	96	44	3	0	6	1	1
FLORENCE	88	69	92	66	79	4	2.9	2.0	2.4	.3	87	16.8	96	99	58	3	0	4	1	0
GREENVILLE	84	65	87	64	75	3	1.9	-.8	.8	.5	115	20.4	90	97	61	0	0	5	0	0
SD ABERDEEN	76	51	81	47	64	1	1.2	-.5	.2	.2	0	11.3	154	93	44	0	0	1	0	0
HURON	76	53	79	48	64	2	.7	-.7	.7	.0	0	15.7	195	93	47	0	0	1	0	0
RAPID CITY	73	48	81	42	60	0	1.0	-.3	1.0	1.0	310	9.0	132	88	47	0	0	2	1	0
SIOUX FALLS	76	52	83	48	64	0	.7	-.0	.4	.3	100	15.3	176	94	46	0	0	2	0	0
TN CHATTANOOGA	83	65	88	62	74	3	.7	-.1	.3	.0	0	21.5	87	90	52	0	0	3	0	0
KNOXVILLE	82	64	85	57	73	4	1.8	-.8	1.2	1.3	331	23.2	108	94	58	0	0	4	1	1
MEMPHIS	82	65	90	62	73	-2	1.0	-.0	.8	.1	28	20.9	86	94	59	1	0	3	1	0
NASHVILLE	81	63	86	58	72	0	1.1	-.1	.5	.5	126	23.4	107	95	59	0	0	4	0	0
TX ABILENE	82	61	90	54	71	-5	1.5	-.7	.8	.1	32	10.3	118	93	53	1	0	5	1	0
AMARILLO	73	53	80	49	63	-7	2.6	1.8	1.1	.8	228	7.6	130	97	58	0	0	4	3	3
AUSTIN	87	69	92	64	78	-1	6.4	5.3	2.7	.0	0	16.9	125	94	61	2	0	3	3	3
BRADFORD	86	70	91	62	78	0	5.1	3.7	2.6	2.6	450	22.3	105	99	65	2	0	4	3	3
BROWNSVILLE	93	76	95	70	85	3	.1	-.6	.1	.0	0	1.6	20	97	52	6	0	2	0	0
CORPUS CHRISTI	90	73	92	68	82	1	2.0	1.2	1.5	.0	0	10.9	109	93	56	5	0	2	2	2
DEL RIO	89	70	95	64	79	0	1.1	-.6	.1	.0	0	5.9	62	86	52	4	0	2	0	0
EL PASO	92	63	99	58	78	1	0	-.1	.0	.0	0	1.6	98	38	10	5	0	0	0	0
FORT WORTH	89	68	92	61	78	3	.2	-.9	.2	.2	2	23.6	142	90	49	4	0	3	0	0
GALVESTON	85	75	88	68	80	1	1.9	1.0	1.9	.0	0	9.9	69	89	68	0	0	1	1	1
HOUSTON	87	70	93	65	79	1	2.7	1.3	1.1	1.1	176	20.1	101	98	64	4	0	5	3	3
LUBBOCK	82	59	95	54	71	-3	1.0	-.3	.6	.6	15	4.2	77	91	41	2	0	3	1	0
MIDLAND	84	62	93	57	73	-3	.3	-.1	.2	.2	0	4.5	97	90	38	3	0	3	0	0
SAN ANGELO	85	64	92	59	74	-3	1.2	.5	.5	.7	0	11.2	145	92	47	1	0	4	0	0
SAN ANTONIO	88	69	94	62	79	0	2.1	1.1	1.9	.7	0	8.5	69	94	53	3	0	2	1	0
VICTORIA	87	70	90	63	79	0	5.3	4.2	4.9	.1	15	12.6	78	97	58	4	0	3	1	1
WACO	88	67	93	59	77	-1	1.3	-.3	.9	.0	0	20.6	145	97	51	3	0	4	1	1
WICHITA FALLS	81	62	87	57	72	-3	.1	-.9	.1	.0	0	9.9	74	90	50	0	0	2	0	0
UT CEDAR CITY	72	42	83	35	57	-5	.5	-.4	.4	.5	960	6.7	138	91	30	0	0	2	0	0
SALT LAKE CITY	74	50	82	45	62	-2	.3	-.0	.2	.3	233	11.3	136	87	39	0	0	3	0	0
VT BURLINGTON	79	56	88	44	67	6	.7	-.1	.4	.5	142	9.0	76	88	48	0	0	4	0	0
VA NORFOLK	83	64	91	57	73	3	.5	-.4	.3	.4	108	13.7	76	85	45	1	0	3	0	0
RICHMOND	80	60	86	55	70	0	1.0	.2	.7	.7	197	14.3	83	88	27	0	0	3	1	0
ROANOKE	75	58	87	51	67	-1	1.6	.7	.7	1.0	282	16.8	101	94	66	0	0	5	1	0
WA QUILLAYUTE	65	48	71	44	56	3	.0	-.0	.0	.0	3	42.2	82	93	58	0	0	1	0	0
SEATTLE-TACOMA	78	53	84	51	65	7	.0	-.4	.0	.0	0	16.4	96	86	41	0	0	0	0	0
SPOKANE	81	52	87	50	67	9	.7	-.3	.7	.7	14	10.5	136	86	27	0	0	1	0	0
YAKIMA	85	51	89	41	68	7	.0	-.1	.0	.0	0	4.5	123	52	23	0	0	0	0	0
WV BECKLEY	71	57	77	46	64	1	1.2	.3	.4	1.1	286	18.7	100	94	67	0	0	5	1	0
CHARLESTON	77	60	81	53	68	1	1.9	1.0	1.4	1.8	529	22.3	130	94	67	0	0	4	1	0
HUNTINGTON	77	59	82	49	68	2	1.2	.4	.8	1.1	332	20.6	116	91	60	0	0	4	1	0
PARKERSBURG	76	58	79	51	67	0	1.7	.9	1.1	1.4	370	..	..	97	65	0	0	5	1	0
WI GREEN BAY	75	53	84	47	64	4	.8	-.1	.8	.0	0	8.1	83	91	52	0	0	1	0	0
LACROSSE	77	56	86	51	66	2	..	..	..	..	..	11.7	112	92	44	0	0	..	..	..
MADISON	80	54	85	48	67	4	.1	-.7	.1	.0	0	12.4	111	86	43	0	0	1	0	0
MILWAUKEE	75	56	83	50	66	6	.1	-.5	.1	.1	32	11.5	93	81	50	0	0	3	0	0
WAUSAU	77	53	85	49	65	4	.7	-.9	.7	.7	8	6.3	60	88	36	0	0	1	0	0
NY CASPER	69	44	78	40	56	-1	..	.5	.4	.5	276	10.7	180	91	39	0	0	4	0	0
CHEYENNE	60	43	72	40	52	-5	2.0	1.4	1.4	1.4	655	10.3	178	94	60	0	0	3	0	0
LANDER	68	45	75	37	57	-1	.6	-.1	.4	.5	253	11.4	148	88	36	0	0	2	0	0
SHERIDAN	74	43	81	33	59	1	.2	-.4	.1	.2	62	8.0	118	86	38	0	0	2	0	0
PR SAN JUAN	88	74	88	73	81	-1	1.5	.3	1.1	1.3	277	22.1	127	95	68	0	0	6	1	1

Based on 1961-90 normals.

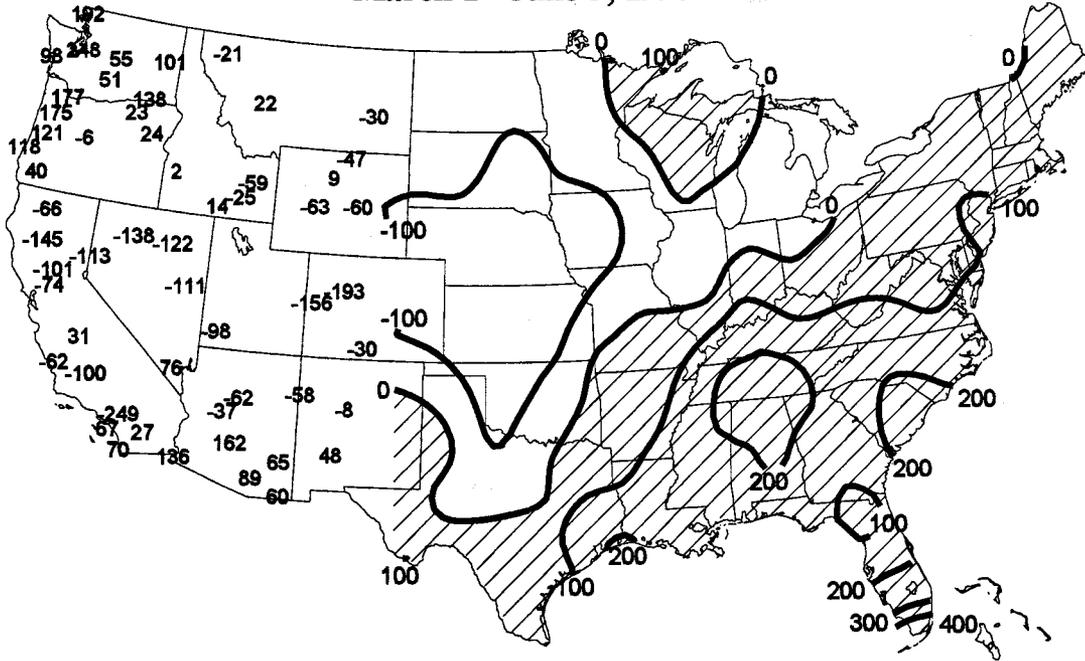
Total Growing Degree Days March 1 - June 3, 1995



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

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
 Based on preliminary data

Growing Degree Days Departure from Normal March 1 - June 3, 1995



NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
 Based on preliminary data

May Weather Summary

Strong and frequent storms traveled either eastward or northeastward from the Southwest, hindering crop planting and development in the northern and central Plains as well as the Midwest. Persistent storminess and heavy runoff culminated in severe late-spring flooding in the Central States.

Precipitation totaled more than twice the May normal in a broad swath from northern California to the Ohio Valley. In contrast, drier-than-normal conditions prevailed in the Northeast, Northwest, and Southeast. Dryness in the Southeast was accompanied by very warm weather, with departures up to +4°F. Meanwhile, the central Rockies and central High Plains observed temperatures 6 to 7°F below normal.

With the combination of persistent cloud cover, frequent rain, and wet soils, daytime high temperatures averaged 11°F below normal in Denver, CO, and 10°F below normal in Cheyenne, WY. It was the second coldest May on record in Denver, behind 1917; and the fourth coldest, third wettest May in Cheyenne, which also collected 2.6 inches of snow. Early in the month, heavy snow fell as far south as Flagstaff, AZ (4.9 inches in 24 hours on May 6-7). Farther north, frosts occurred in North Dakota and Montana as late as May 25 and 27, respectively. In addition, a low of 32°F in Goodland, KS on May 25 was 3 weeks beyond their normal last-freeze date.

Localized torrential rainfall struck the central Gulf Coast on May 8-10, one of the month's few events not to drench the Central States. In New Orleans, 12.24 inches fell in 24 hours on May 8-9, propelling their monthly total to an all-time record (for any month) of 21.18 inches, surpassing the 19.81-inch total of November 1989. Their former May record was 14.33 inches in 1959. Evansville, IN experienced its second-wettest month all-time (13.51 inches), behind only the 14.78-inch total of January 1937. Record or near-record May rainfall totals were measured at many other stations, including:

<u>Location</u>	<u>Amount</u>	<u>Remarks</u>
St. Louis, MO	12.92 inches	wettest May on record
Kansas City, MO	12.75	wettest May on record
Columbia, MO	12.31	2nd wettest (13.34" in 1943)
Louisville, KY	9.48	4th wettest (1990, 1983, 1927)
Lexington, KY	8.97	3rd wettest (1983, 1935)
Indianapolis, IN	7.37	4th wettest in last 30 years
Casper, WY	6.31	2nd wettest (6.46" in 1978)
Cheyenne, WY	6.00	3rd wettest (1904, 1908)
S.L. City, UT	3.68	3rd wettest (1977, 1993)
Grand Jct., CO	2.04	wettest since 1904

In addition to Salt Lake City's near-record total, eleven locations in Utah's dense cooperative network reported record

May rainfall, with totals ranging from 253 to 390 percent of normal. In Grand Junction, a trace or more of rain fell on 20 days, tying the May record set in 1917.

Heavy rainfall did not cause problems everywhere. In Texas, San Antonio's monthly rainfall of 5.36 inches surpassed their previous 4-month total of 4.06 inches, easing dryness. However, an 8-month warm spell, dating to October 1994, continued in San Antonio, as monthly temperatures averaged 3°F above normal. Heat became oppressive across southern Texas and the Southeast during the month. Laredo, TX notched a high of 114°F on May 13. Persistent heat gripped Florida, where several May monthly average temperature records were broken:

<u>Location</u>	<u>Temperature (°F)</u>	<u>Previous</u>
Key West	83.5	82.8°F in 1967
Miami Beach	82.5	79.7°F in 1994
Miami Int'l Airport	82.1	81.5°F in 1991
Tampa	81.7	81.5°F in 1975
Ft. Lauderdale	81.2	80.2°F in 1953
Hollywood	81.2	79.8°F in 1978
Orlando	80.2	records to 1944
Melbourne	79.2	records to 1948

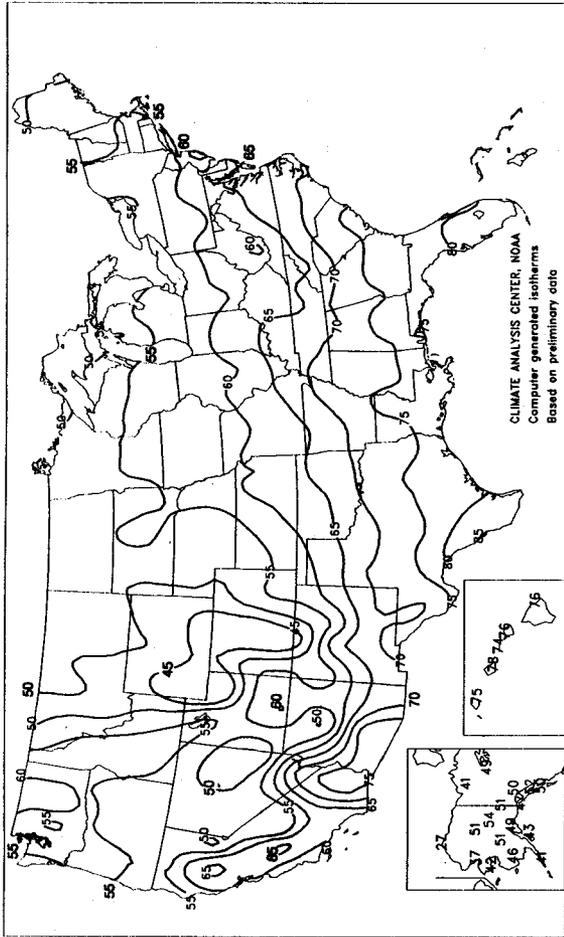
Highs reached or exceeded 90°F in Tampa on 16 consecutive days (May 4-19), setting a May record. In addition, nine daily-record highs were tied or broken. Similarly, eight daily-records were tied or broken in Melbourne. Farther north, Atlanta, GA had its hottest May this century (74.3°F; 5.1°F above normal). Warmth also blanketed the Pacific Northwest, where Seattle, WA noted its second-warmest May. Their average temperature of 60.3°F was 5.2°F above normal and only 0.1°F degrees shy of the 1958 record. Seattle's month ended with a record-setting 12-day string of 75°F, or warmer, days. In contrast, coastal New England failed to experience a high of 70°F until well into May. Highs finally broke the 70-degree barrier in Boston, MA on May 18, and in Portland, ME on May 22, in both cases the latest calendar date for that event. Sub-normal precipitation accompanied the cool weather, as Albany, NY reported its ninth consecutive drier-than-normal month.

With an active storm track and a sharp temperature contrast, severe thunderstorms were commonplace. From May 8-18, nearly 300 tornadic thunderstorms swept across the Plains and the Midwest. But the month's most damaging event was a hail-, rain-, and windstorm that struck seventeen northern Texas counties on May 5.

Note: Greg Preston's "May Crop Summary" will appear in next week's issue.

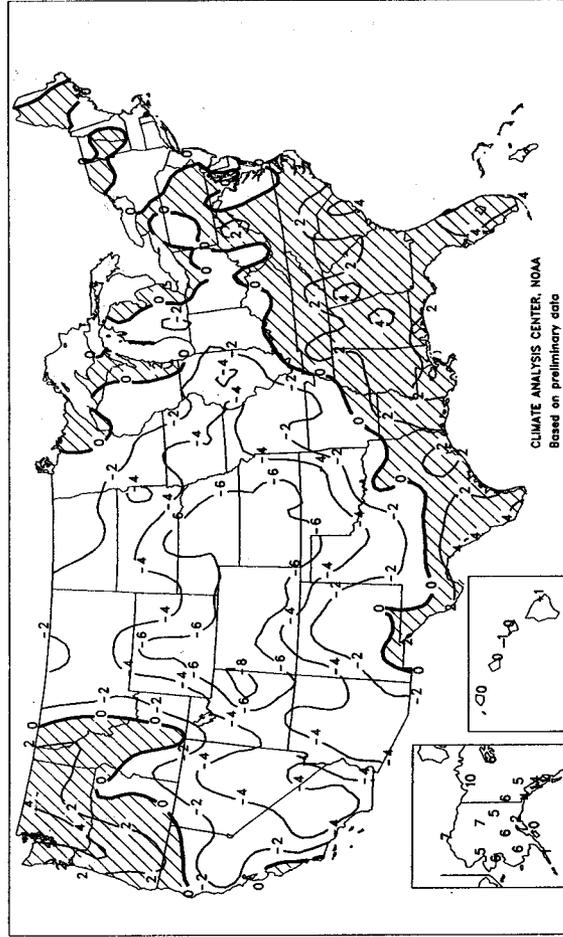
Average Temperature (°F)

MAY 1995



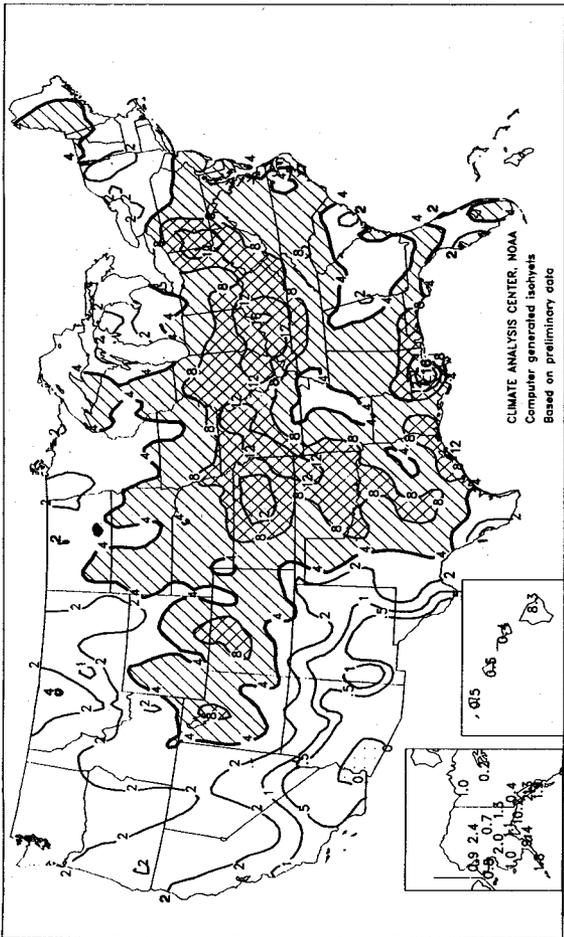
Departure of Average Temperature from Normal (°F)

MAY 1995



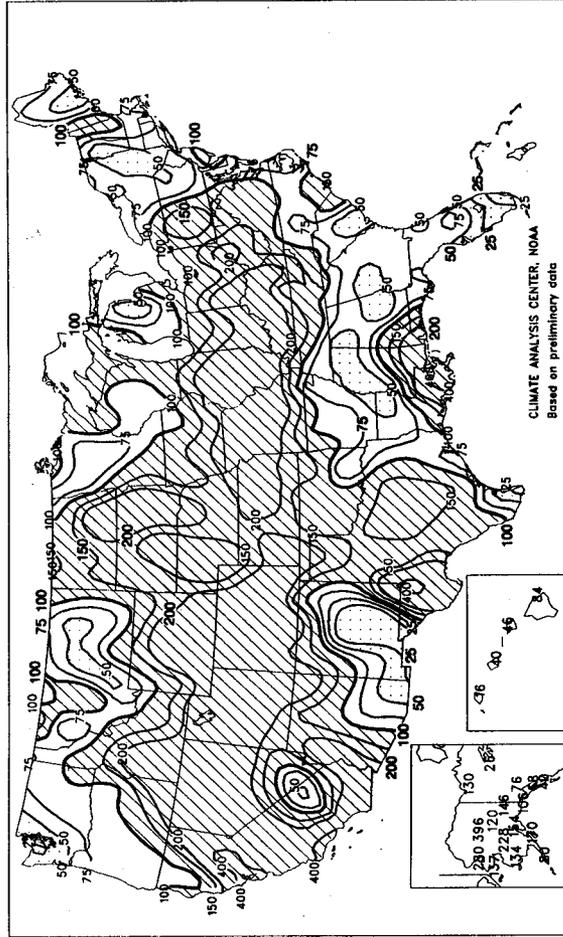
Total Precipitation (inches)

MAY 1995



Percent Of Normal Precipitation

MAY 1995



TEMPERATURE AND PRECIPITATION SUMMARY

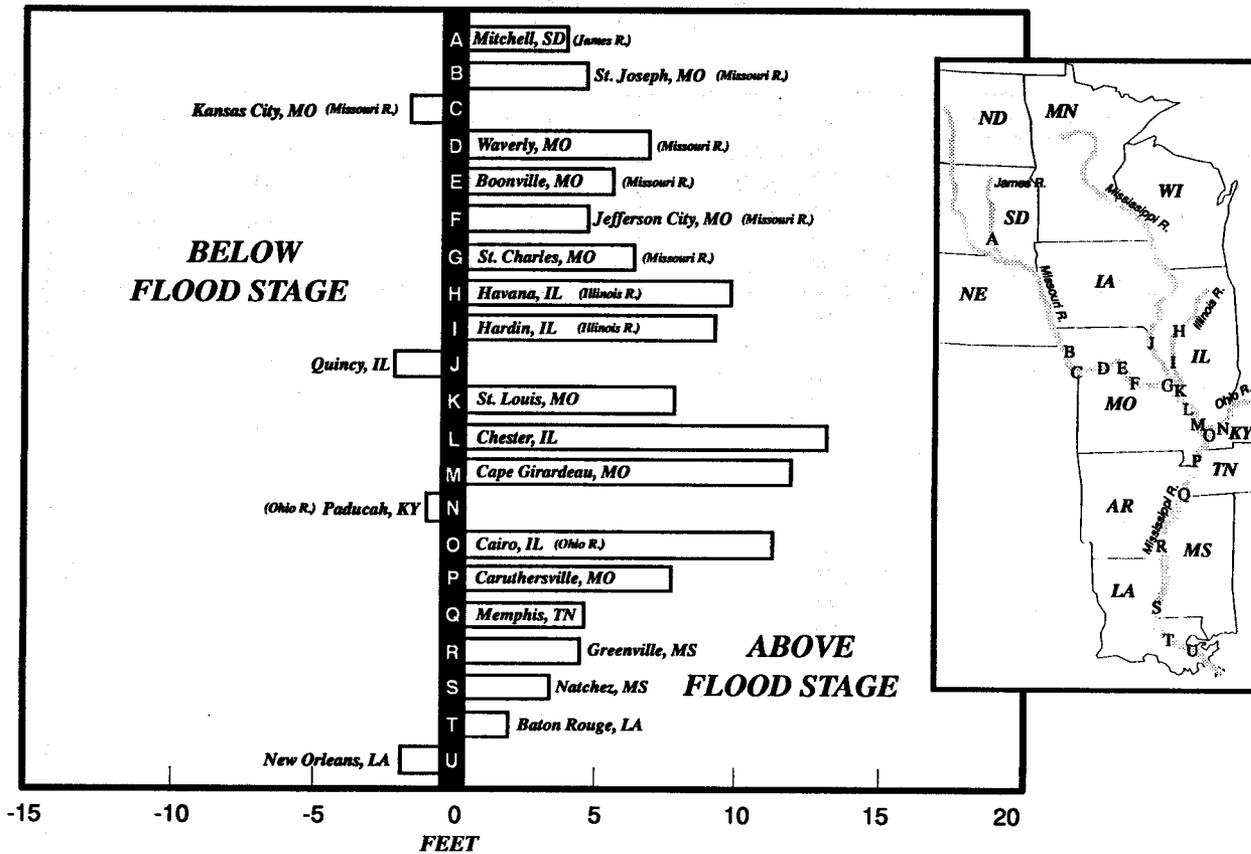
May 1995

STATES AND STATIONS	Temp. °F		Precip.		STATES AND STATIONS	Temp. °F		Precip.		STATES AND STATIONS	Temp. °F		Precip.	
	AVERAGE	DEPARTURE	TOTAL	DEPARTURE		AVERAGE	DEPARTURE	TOTAL	DEPARTURE		AVERAGE	DEPARTURE	TOTAL	DEPARTURE
AL BIRMINGHAM	72	3	3.1	-1.8	LA BATON ROUGE	77	2	10.5	5.6	OK YOUNGSTOWN	58	1	4.4	0.9
HUNTSVILLE	69	1	3.4	-1.7	LAKE CHARLES	78	3	6.4	0.7	OK OKLAHOMA CITY	64	-4	5.3	0.1
MOBILE	76	1	12.6	6.8	NEW ORLEANS	78	3	21.2	16.7	TULSA	65	-4	10.7	5.1
MONTGOMERY	76	5	0.7	-3.3	SHERVOSEPORT	74	2	3.2	-2.5	OR ASTORIA	54	2	2.1	-0.9
AK ANCHORAGE	49	2	1.1	0.4	ME CARIBOU	51	0	2.5	-0.6	BURNS	51	1	1.2	0.2
BARROW	27	7	T	-0.2	PORTLAND	52	-1	3.3	-0.3	MEDFORD	60	2	0.5	-0.5
FAIRBANKS	54	5	0.7	0.1	MD BALTIMORE	64	1	3.4	-0.4	PENDLETON	58	0	1.0	0.0
JUNEAU	51	5	2.3	-1.1	SALISBURY	64	1	2.6	-1.0	PORTLAND	61	4	1.6	-0.4
KODIAK	43	0	9.4	3.9	MA BOSTON	57	-1	1.8	-1.4	SALEM	59	5	1.3	-0.6
NOME	42	7	0.8	0.2	CHATHAM	..	..	..	..	PA ALLENTOWN	60	0	3.0	-1.2
AZ FLAGSTAFF	47	-3	0.9	0.2	MI ALPENA	53	1	1.2	-1.5	ERIE	57	0	2.5	-0.9
PHOENIX	76	-2	0.1	0.0	DETROIT	59	1	3.5	0.6	HARRISBURG	63	1	3.5	-0.7
PRESCOTT	56	-1	0.7	0.1	FLINT	57	0	2.2	-0.4	PHILADELPHIA	64	3	2.7	-1.7
TUCSON	73	-1	0.2	0.0	GRAND RAPIDS	56	-1	2.8	-0.3	PITTSBURGH	60	1	3.7	0.1
WINSLOW	58	-4	0.3	0.0	HOUGHTON LAKE	55	0	1.2	-1.3	SCRANTON	59	0	1.4	-2.2
YUMA	76	-3	0.0	0.0	LANSING	55	-2	2.8	-0.1	WILLIAMSPORT	59	0	2.3	-1.6
AR FORT SMITH	69	-1	5.6	0.3	MARQUETTE	50	0	3.8	0.8	RI PROVIDENCE	57	0	2.8	-0.9
LITTLE ROCK	69	0	4.4	-0.8	MUSKOGON	55	-1	1.8	-0.8	SC CHARLESTON	76	3	1.3	-2.7
CA BAKERSFIELD	67	-4	0.4	0.2	SAULT ST. MARIE	49	-1	2.6	-0.1	COLOMBIA	74	3	1.7	-2.0
BISHOP	..	..	..	..	MN ALEXANDRIA	55	-2	2.8	-0.1	FLORENCE	74	3	3.6	0.1
BUREKA	54	1	1.1	-0.4	DULUTH	52	2	4.1	1.1	GREENVILLE	69	2	4.5	0.1
FRESNO	66	-2	1.2	0.9	INT'L FALLS	52	0	2.3	-0.2	SD ABERDEEN	54	-3	6.0	3.1
LOS ANGELES	60	-2	0.6	0.4	MINNEAPOLIS	57	-2	2.5	-0.9	HURON	55	-3	6.4	3.5
REDDING	64	-2	1.1	-0.1	ROCHESTER	55	-2	3.2	-0.2	RAPID CITY	52	-3	4.1	1.4
SACRAMENTO	63	-2	1.0	0.7	ST. CLOUD	54	-2	2.1	-1.1	SIOUX FALLS	56	-3	4.8	1.8
SAN DIEGO	62	-2	0.6	0.4	MS GREENWOOD	74	2	1.9	-3.4	TX BRISTOL	65	2	6.2	2.4
SAN FRANCISCO	57	-1	1.0	0.8	JACKSON	74	2	4.3	-1.1	CHATTAHOOGA	69	2	3.8	-0.6
SANTA MARIA	57	0	0.5	0.3	MERIDIAN	75	4	5.8	1.4	KNOXVILLE	67	2	7.2	3.0
CO ALAMOSA	47	-3	0.6	0.0	TUPELO	71	1	3.6	-2.1	MEMPHIS	71	0	5.4	0.4
CO SPRINGS	50	-6	4.8	2.7	MO CAPE GIRARDEAU	67	0	7.8	2.6	NASHVILLE	68	1	7.7	2.7
DENVER	50	-6	4.7	2.1	COLUMBIA	61	-2	11.4	6.6	TX ABILENE	70	-3	5.8	2.9
GRAND JUNCTION	57	-6	2.0	1.0	KANSAS CITY	59	-5	12.8	7.7	AMARILLO	62	-4	4.9	2.4
PUEBLO	54	-7	4.0	2.8	SAINT LOUIS	65	-1	12.9	9.0	AUSTIN	76	1	9.5	4.7
CT BRIDGEPORT	59	0	2.3	-1.7	SPRINGFIELD	62	-2	7.2	2.4	BEAUMONT	77	2	4.7	-1.0
HARTFORD	58	-2	2.6	-1.5	MT BILLINGS	51	-4	3.4	0.9	BROWNSVILLE	83	3	0.2	-2.8
DC WASHINGTON	66	-1	4.2	0.5	GLASGOW	53	-2	0.8	-1.0	CORPUS CHRISTI	80	2	2.7	-0.6
FL PANAMA CITY	76	3	2.5	-1.2	GREAT FALLS	50	-3	2.7	0.1	DEL RIO	79	3	3.8	0.5
DAYTONA BEACH	79	4	1.2	-2.2	HAVERA	53	-2	1.2	-0.5	EL PASO	74	3	T	-0.2
FT. MYERS	82	4	1.4	-2.5	KALISPELL	50	-2	3.1	1.3	FORT WORTH	73	2	7.5	2.2
JACKSONVILLE	76	2	1.8	-1.8	MILLS CITY	53	-2	1.0	-0.9	GALVESTON	78	3	3.0	-0.6
KRY WEST	83	3	0.7	-2.8	MISSOULA	53	-4	3.0	0.7	HOUSTON	78	3	3.8	-1.5
MIAMI	82	4	2.9	-3.3	NE GRAND ISLAND	54	-7	6.3	2.4	LAREDO	..	..	..	..
ORLANDO	80	3	4.2	0.7	LINCOLN	57	-5	6.4	2.6	LUBBOCK	68	-1	2.3	0.0
TALLAHASSEE	76	2	4.0	-0.8	NORFOLK	56	-5	6.7	3.0	MIDLAND	72	-1	2.5	0.3
TAMPA	82	5	1.2	-1.9	NORTH PLATTE	53	-5	4.5	1.1	SAN ANGELO	74	0	4.4	1.4
WEST PALM BEACH	81	3	0.8	-5.8	OMAHA	58	-4	6.6	2.1	SAN ANTONIO	79	3	5.4	1.2
GA ATHENS	71	2	4.3	0.0	SCOTTSDUFF	51	-5	4.7	2.0	VICTORIA	78	2	6.5	2.0
ATLANTA	74	5	2.1	-2.2	VALENTINE	53	-7	5.8	2.4	WACO	73	-1	7.8	3.3
AUGUSTA	73	2	2.0	-1.8	NV ELKO	50	-3	2.4	1.4	WICHITA FALLS	69	-2	5.1	0.8
MACON	74	2	1.6	-2.0	ELY	46	-4	2.9	1.7	UT BLANDING	56	-1	2.2	1.6
SAVANNAH	76	3	3.5	-0.6	LAS VEGAS	71	-3	0.2	-0.1	CEDAR CITY	52	-4	1.3	0.5
HI HILO	76	2	8.3	-1.6	RENO	55	-1	1.8	1.1	SALT LAKE CITY	56	-3	3.7	1.9
HONOLULU	78	1	0.5	-0.7	WINNEMUCCA	52	-3	2.0	1.1	VT BURLINGTON	56	0	1.4	-1.7
KAHULUI	76	0	0.4	-0.4	NH CONCORD	55	0	3.5	0.4	VA LYNCHBURG	65	1	4.9	1.0
LIHUE	75	0	0.5	-2.6	NJ ATLANTIC CITY	59	-1	4.8	1.5	MORFOLK	68	2	2.4	-1.4
ID BOISE	57	-1	2.4	1.3	NM ALBUQUERQUE	65	0	0.1	-0.4	RICHMOND	66	0	4.3	0.5
LEWISTON	60	1	0.9	-0.4	CLOVIS	64	-1	1.8	0.0	ROANOKE	64	0	4.6	0.6
POCATELLO	52	-2	1.8	0.4	ROSWELL	71	1	0.3	-0.8	WA COLVILLE	..	..	..	..
IL CAIRO	..	..	..	..	NY ALBANY	57	-1	1.4	-2.1	QUILLAYUTE	54	3	1.2	-4.2
CHICAGO	59	0	4.5	1.2	BINGHAMTON	55	0	1.8	-1.6	SEATTLE-TACOMA	60	5	0.8	-0.9
MOLINE	59	-2	7.0	2.7	BUFFALO	57	0	2.4	-0.7	SPOKANE	57	3	1.3	-0.1
PEORIA	58	-4	10.1	6.4	NEW YORK	62	1	2.6	-1.2	WALLA WALLA	61	2	..	..
QUINCY	59	-4	8.1	3.5	ROCHESTER	57	0	1.7	-1.0	YAKIMA	59	2	0.1	-0.4
ROCKFORD	58	-1	6.3	2.6	SYRACUSE	57	0	1.7	-1.6	WV BECKLEY	59	0	5.6	1.7
SPRINGFIELD	61	-2	7.4	3.8	NC ASHVILLE	64	1	5.8	0.8	CHARLESTON	62	-2	6.2	2.1
IN EVANSVILLE	66	-1	13.0	8.4	CHARLOTTE	69	2	3.2	-0.6	ELKINS	58	1	5.4	1.3
FORT WAYNE	59	-1	4.1	0.6	GREENSBORO	67	1	2.2	-1.9	HUNTINGTON	62	1	7.1	2.9
INDIANAPOLIS	61	-1	6.5	2.5	HATTERAS	69	2	1.8	-2.2	PARKERSBURG	62	-1	3.8	0.0
SOUTH BEND	58	-2	3.6	0.4	NEW BERN	71	1	3.5	-1.2	WI GREEN BAY	56	1	2.9	0.1
IA DES MOINES	59	-2	6.3	2.1	RALEIGH	68	1	3.9	0.0	LACROSSE	59	-1	3.8	0.5
DUBUQUE	57	-2	5.3	1.1	WILMINGTON	71	2	6.5	2.4	MADISON	58	-1	3.9	0.6
SIOUX CITY	57	-5	4.8	1.1	BISMARCK	53	-2	4.1	1.9	MILWAUKEE	58	3	3.4	0.6
WATERLOO	59	-2	3.1	-1.0	FARGO	55	-1	2.1	-0.4	WAUSAU	55	-1	1.8	-1.8
KS CONCORDIA	57	-6	8.5	4.2	GRAND FORKS	54	-1	1.9	-0.2	WY CASPER	48	-4	6.3	4.2
DODGE CITY	57	-7	5.3	2.3	WILLISTON	52	-3	2.1	0.1	CHEYENNE	46	-6	6.0	3.6
GOODLAND	52	-7	4.8	1.4	OH AKRON-CANTON	58	-1	5.5	1.8	LANDER	49	-4	5.5	3.2
TOPEKA	59	-5	11.8	7.4	CINCINNATI	62	0	8.5	4.2	SHERIDAN	50	-3	3.1	0.7
WICHITA	60	-6	6.0	1.6	CLEVELAND	59	1	4.0	0.5	PR SAN JUAN	81	1	9.5	3.5
WY BOWLING GREEN	67	1	8.9	3.9	COLUMBUS	61	0	4.9	0.9					
JACKSON	64	0	9.8	5.2	DAYTON	60	-1	9.0	5.1					
LEXINGTON	63	-1	9.2	4.7	MANSFIELD	59	1	2.9	-1.4					
LOUISVILLE	65	0	9.5	4.9	TOLEDO	60	1	3.0	0.1					
PADUCAH	68	1	5.7	0.8										

Based on 1961-90 normals.

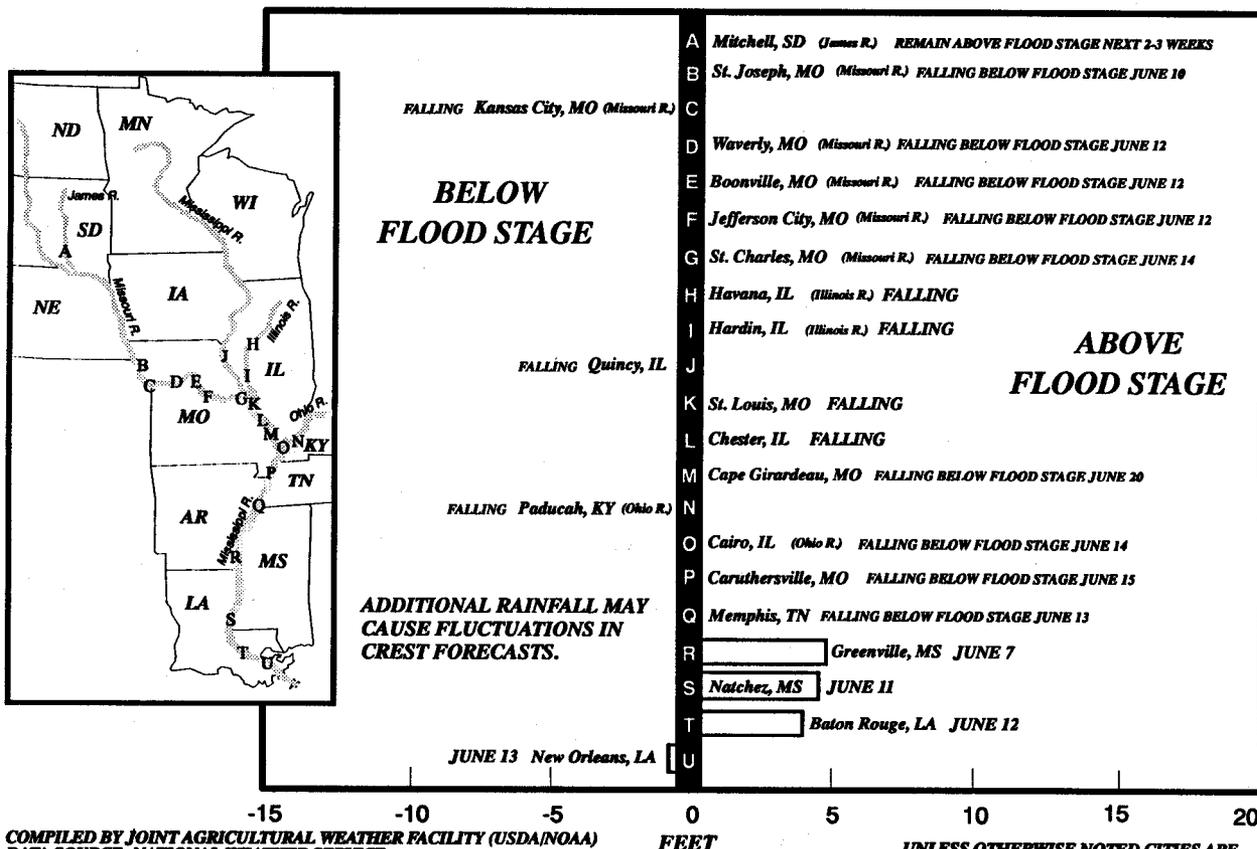
MISSOURI & MISSISSIPPI RIVER BASIN FLOODING

Departure From Flood Stage As of June 6, 1995



MISSOURI & MISSISSIPPI RIVER ESTIMATED CREST LEVELS

Forecast Made As of June 6, 1995 (Departure From Flood Stage)



National Agricultural Summary

May 29 - June 4, 1995

HIGHLIGHTS: Spring tillage and row-crop planting continued to be slowed by rain and wet fields in the Midwest, southern Great Plains, and Delta regions. Soil moisture was surplus in Illinois, Indiana, Iowa, and Kansas. Cool, wet weather slowed crop emergence in the southern Great Plains and western Corn Belt, and left fewer than 3 days suitable for fieldwork in Illinois, Indiana, Iowa, and Kansas. Row-crop planting in Illinois averaged 3 to 4 weeks behind schedule, the latest planting progress in 20 years. Wet conditions have accelerated weed growth and restricted weed control activities. In the Northern States, dry weather allowed small grain planting to progress rapidly. Rain showers in the Eastern States brought relief from dry soil conditions. Warm, dry weather in the Pacific Northwest left the wheat crop suffering from moisture stress. Rainfall from Hurricane Allison brought vegetable harvest to a standstill in Florida at week's end, but most marketable vegetables were picked prior to the storms.

The winter wheat crop was in mostly good to fair condition with 80 percent (%) of the acreage heading, 6 percentage points behind the 5-year average. Wet weather left heading 50 points behind normal in Nebraska and South Dakota, while heading in Texas was equal to the average. Warm, dry weather in Montana helped wheat crop development and improved winter wheat condition. Wet fields and cool weather caused some wheat disease problems in the Midwest. Wheat foliar diseases in Kansas and Ohio, spurred by the wet field conditions, have increased. Weeds remained a problem for wheat fields in the Pacific Northwest and Northern States. Harvest activity in Texas was slowed by wet field conditions, but the moisture aided some dry-land wheat fields remaining to be harvested.

Spring wheat was good to fair with 62% of the acreage emerged. Planting in North Dakota progressed rapidly, but remained 20 points behind the average. Spring wheat condition in South Dakota rated 49% good to excellent, compared with 82% good to excellent for North Dakota. Weeds were becoming a problem for small grain fields in South Dakota. Spring wheat emerged was 31 points behind the average for the five major producing States, with North Dakota 48 points below the average.

Corn planted was 80% complete for the 17 major producing States, 18 points behind last year and 13 points below the average. Rain and wet field conditions slowed planting in the Corn Belt. Farmers in the Midwest planted around wet spots and on high ground. Standing water and wet fields made planting difficult. Planting lagged more than 20 points behind normal in Illinois, Indiana, and Missouri. In Missouri, planting progress was only 37% complete, 49 points behind normal, and the latest since 1961. Thunderstorms limited planting progress in Missouri. Corn replanting was underway in southern Illinois, where producers switched to shorter season hybrids. Corn emergence was slowed by low soil temperatures and soil crusting. The cool, wet weather turned some corn plants yellow. In Wisconsin, the corn height was reported at 3 inches, 1 inch behind the 5-year average.

Cotton planting was 85% complete, up 5 points from last week and 2 points behind the average for the Nation. High winds and hail in Texas damaged some cotton fields. Some replanting may

be required. Oklahoma cotton planting increased by 4 points from last week, while Texas cotton at 68% complete increased 8 points from last week, leaving the States 33 and 9 points behind the average, respectively. The rains in Texas restored soil moisture conditions and will benefit dry-land cotton fields. Texas cotton squaring was 17% complete, 5 points ahead of the average. Cotton condition in California, rated 50 points good to excellent, jumped from 20 points last week due to warmer weather.

Sorghum planting was 36% complete for the 12 major producing States, up 4 points from last week but 27 points below the average. Grain sorghum planting in Nebraska, Illinois, and Kansas was over 40 points behind the average due to wet field conditions. In the Texas Plains, the recent rainfall will permit dry-land fields to be planted on time.

Rice seeding was 96% complete, 3 points ahead of the average for the five major producing States. Rice planting in Louisiana was complete, 4 points ahead of the average, while rice farmers were fertilizing and spraying for water weevils. Texas rice planting was 98% complete, up 3 points from last week but 2 points behind the average. Delta rice producers were flushing rice fields and applying fertilizers. In the five major producing States, 88% of the rice had emerged, 7 points ahead of the average. Rice was 99% emerged in Mississippi, 26 points ahead of the average, while California at 50% emerged was 19 points behind the average.

Soybean planting was 43% complete, 24 points behind normal. Rain and wet field conditions slowed planting in the Corn Belt and parts of the Delta. Soybean planting lagged more than 40 points in Illinois, Nebraska, Kansas, and South Dakota, with Illinois the farthest behind at 16% complete, 61 points behind the average. Some soybean planting was delayed in the Midwest as producers concentrated on completing corn planting. Soybean planting, however, is not so far behind to cause producers to switch to shorter season varieties.

Range and Pasture: Pasture feed condition for the Nation was rated 71% good to excellent, unchanged from last week. In the Southeastern States, pastures were revived by the late-week rains. Pastures in the Ohio Valley and most of the Midwest remained soggy. Warmer weather dried pastures in California's higher elevations. Texas pastures improved from the recent rainfall.

Crop Progress and Condition

Week Ending June 4, 1995

Winter Wheat Percent Headed				
	Jun 4 1995	Prev Week	Prev Year	5-Yr Avg
AR	100	100	100	100
CA	99	99	99	99
CO	62	51	91	82
GA	100	100	100	100
ID	9	6	23	19
IL	96	90	93	95
IN	92	70	92	89
KS	99	90	100	100
MI	8	0	22	29
MO	94	86	96	95
MT	3	0	2	7
NE	41	7	91	85
NC	100	98	100	100
OH	83	34	82	77
OK	100	100	100	100
OR	81	17	88	78
SD	1	0	63	45
TX	98	94	97	98
WA	62	36	84	61
ALL	80	70	89	86

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

Soybeans Percent Planted				
	Jun 4 1995	Prev Week	Prev Year	5-Yr Avg
AL	58	52	61	52
AR	48	32	60	36
GA	47	35	57	48
IL	16	8	90	77
IN	40	28	93	80
IA	60	43	100	73
KS	5	3	83	53
KY	27	12	55	38
LA	69	62	72	60
MI	74	50	92	81
MN	79	63	98	78
MS	78	66	87	43
MO	12	5	77	47
NE	31	16	100	83
NC	47	37	55	55
OH	55	45	98	85
SC	35	23	39	43
SD	30	17	93	74
TN	33	27	43	32
ALL	43	31	87	67

These 19 States produced 94% of the 1994 soybean crop.

Sorghum Percent Planted				
	Jun 4 1995	Prev Week	Prev Year	5-Yr Avg
AR	94	87	95	88
CO	7	5	31	35
IL	4	3	76	53
KS	5	3	72	45
LA	90	90	93	87
MS	97	92	87	82
MO	32	19	82	55
NE	14	7	94	77
NM	41	34	41	41
OK	18	13	69	51
SD	14	2	74	48
TX	83	79	83	83
ALL	36	32	78	63

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

Rice Percent Planted				
	Jun 4 1995	Prev Week	Prev Year	5-Yr Avg
AR	98	95	98	91
CA	80	70	90	97
LA	100	98	98	96
MS	100	100	100	85
TX	98	95	100	100
ALL	96	92	97	93

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

Rice Percent Emerged				
	Jun 4 1995	Prev Week	Prev Year	5-Yr Avg
AR	94	90	93	79
CA	50	20	66	69
LA	98	98	96	92
MS	99	97	100	73
TX	89	80	96	91
ALL	88	81	91	81

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

Spring Wheat Percent Planted				
	Jun 4 1995	Prev Week	Prev Year	5-Yr Avg
ID	99	97	99	100
MN	99	81	99	99
MT	98	91	100	98
ND	80	54	96	100
SD	98	85	100	100
ALL	89	70	98	99

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

Spring Wheat Percent Emerged				
	Jun 4 1995	Prev Week	Prev Year	5-Yr Avg
ID	93	85	99	92
MN	70	47	99	98
MT	83	63	91	88
ND	45	22	91	93
SD	85	65	99	99
ALL	62	41	93	93

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

Corn Percent Planted				
	Jun 4 1995	Prev Week	Prev Year	5-Yr Avg
CO	80	69	99	97
GA	100	100	100	100
IL	60	52	98	94
IN	70	60	97	94
IA	86	80	100	93
KS	90	61	99	98
KY	86	80	95	87
MI	94	80	95	96
MN	95	87	99	93
MO	37	32	96	86
NE	89	77	100	100
NC	100	99	100	100
OH	85	77	99	98
PA	87	79	86	85
SD	55	43	96	91
TX	100	99	100	100
WI	93	82	97	91
ALL	80	71	98	94

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

Cotton Percent Planted				
	Jun 4 1995	Prev Week	Prev Year	5-Yr Avg
AL	100	98	90	94
AZ	100	99	100	100
AR	100	95	98	95
CA	99	98	100	100
GA	95	91	97	94
LA	100	98	100	96
MS	100	98	100	93
MO	97	85	100	95
NM	94	87	90	99
NC	99	97	99	98
OK	36	*32	80	69
SC	95	85	100	98
TN	100	97	100	90
TX	68	60	78	77
ALL	85	80	90	87

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

Crop Progress and Condition

Week Ending June 4, 1995

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

Winter Wheat Crop Condition by Percent					
State	VP	P	F	G	EX
AR	0	5	24	60	11
CA	0	0	10	50	40
CO	3	5	15	51	26
GA	0	15	55	30	0
ID	0	1	11	62	26
IL	1	12	38	37	12
IN	0	6	18	56	20
KS	7	14	33	37	9
MI	0	3	11	57	29
MO	6	25	41	27	1
MT	5	13	32	43	7
NE	0	2	17	68	13
NC	2	16	44	33	5
OH	0	2	14	58	26
OK	13	7	31	46	3
OR	4	7	31	42	16
SD	1	4	27	53	15
TX	5	31	47	15	2
WA	5	12	31	41	11
ALL	6	12	31	41	10
Prev Wk	5	13	30	42	10
Prev Yr	2	9	46	39	4

Cotton Crop Condition by Percent					
State	VP	P	F	G	EX
AL	0	6	55	39	0
AZ	1	4	24	68	3
AR	0	12	37	37	14
CA	0	0	50	50	0
GA	1	6	48	42	3
LA	1	2	20	63	14
MS	0	4	21	64	11
MO	1	12	37	42	8
NM	0	15	31	46	8
NC	0	2	43	55	0
OK	0	17	29	52	2
SC	0	31	47	22	0
TN	2	2	25	59	12
TX	0	4	39	51	6
14 Sts	0	5	37	52	6
Prev Wk	0	7	33	50	10
Prev Yr	0	4	27	58	11

Rice Crop Condition by Percent					
State	VP	P	F	G	EX
AR	0	8	17	56	19
CA	0	0	40	60	0
LA	0	2	20	70	8
MS	0	6	11	65	18
TX	0	0	9	56	35
ALL	0	5	20	59	16
Prev Wk	0	3	25	55	17
Prev Yr	0	0	14	80	6

Spring Wheat Crop Condition by Percent					
State	VP	P	F	G	EX
ID	0	0	7	66	27
MN	0	3	37	53	7
MT	0	1	25	68	6
ND	0	1	17	75	7
SD	1	14	36	47	2
ALL	0	3	23	67	7
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	0	2	18	69	11

(Continued from front cover)

that left three people dead. The storm's trailing cold front stalled across the Gulf Coast States, helping to focus heavy rainfall. Although heavy rain shifted eastward to the southern Atlantic Seaboard by week's end, weekly totals in excess of 5 inches were recorded in locations such as Victoria, TX and Lake Charles, LA. In a 96-hour span (May 28-June 1), 8.43 inches pelted Leesville (Fort Polk), LA. In Wilmington, NC, not only was a daily-rainfall record established for May 30 (3.40 inches), but May records for 1-hour (2.39 inches) and 2-hour (3.04 inches) rates were set as well.

In the Southeast, a few daily-record highs were matched. On May 30, Charleston, SC tallied 95°F; a day later, Melbourne, FL reached 92°F, the eighth time in their record-hot May that a daily record was exceeded or tied. More impressive was the sudden warmth across the North. In Bismarck, ND, the mercury finally topped 80°F on Tuesday, their first such day since September 24, 1994. Similarly, Chicago, IL first reached 80°F on May 30, their third latest such occurrence this century. The month ended with May-record warm spells (highs of 75°F or above) intact at 12 days in Washington at Seattle and Olympia. Farther east, daily-record highs included 87°F in Alpena, MI (on Wednesday), and 88°F at Burlington, VT and Portland, ME (on Thursday).

In the Central States, widespread showers, with daily amounts generally less than an inch, occurred after midweek. The regime of considerable cloudiness, occasional rain, and cooler-than-normal high temperatures continued to hamper planting and crop development from the central Plains into the Corn Belt. At week's end, one wave of showers overspread the East, while another brought renewed rain to the central High Plains. In Cheyenne, WY, which just completed its fourth coldest (6.3°F below normal), third wettest (6.00 inches) May on record, another 1.44 inches fell on June 2-3. Farther south, late-week thunderstorms dumped more than 4 inches of rain on Hobart, OK and Childress, TX. Meanwhile, wet weather also arrived in parts of Montana, where more than an inch of rain soaked Butte.

River Flood Update (through June 5, 1995)

Flooding eased on most main-stem rivers in the Central States, except along the lower Missouri, where small rises persisted due to heavy tributary runoff and additional showers. On June 5, levels on the Missouri were generally 2 to 7 feet above flood stage from Plattsburgh, NE downstream to the Mississippi confluence. On the Elkhorn River, a Platte feeder, a record crest (topping the June 1967 high-water mark) passed Norfolk on June 1. In Weld County, CO, the South Platte River reached its greatest height since 1983. In South Dakota, the James River continued to flow at high levels in the wake of record flooding (May 13-21, 1995), and is expected to remain out of its banks through June.

As of June 5, the Mississippi River was above flood stage from Hannibal, MO to Baton Rouge, LA, with the crest along the AR-MS border. Despite recent falls, the river remained 10 to 14 feet above flood stage from Chester to Thebes, IL. The Illinois River at Beardstown crested on May 31 within 0.3 feet of the May 1943 record, and more than 15 feet above flood stage. Flooding diminished on the lower Ohio River and its tributaries, and by June 5, the Ohio fell to near flood stage as far west as Paducah, KY. Meanwhile in the West, snowmelt river rises were noted. On June 1, the Sierra Nevada snow pack contained an average of 32.2 inches of water, 275 percent of normal for the date.

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 0.34 to 1.74 in. north; 0.24 to 2.54 in. central; 0.36 to 3.34 in. south. Temperatures 2° below normal to 4° above normal statewide. Lows 56 to 65° north; 58 to 68° central; 59 to 67° south. Highs 87 to 91° north, 87 to 94° central; 89 to 93° south.

Days suitable for fieldwork 4.7. Topsoil 3% very short, 21% short, 67% adequate, 9% surplus. Corn silked 13%, 14% 1994, 25% avg.; 2% very poor, 5% poor, 29% fair, 61% good, 3% excellent. Sorghum planted 58%, 66% 1994, 60% avg.; 16% poor, 23% fair, 61% good. Peanut 6% poor, 29% fair, 65% good. Hay harvested 72%, 79% 1994, 72% avg. Wheat harvested 32%, 20% 1994, 25% avg.; 7% very poor, 8% poor, 44% fair, 40% good, 1% excellent. Livestock 1% poor, 21% fair, 74% good, 4% excellent. Activities: Planting, general care of livestock, poultry, catfish.

ALASKA: Partly sunny skies, seasonal temperatures blanketed most of the State last week. Scattered showers were received in some areas of the State, however most agricultural areas were still short on soil moisture by weekend.

Days suitable for fieldwork 6. Soil moisture 45% short, 55% adequate. Crop growth, 35% slow, 55% moderate, 15% rapid. Potato planting, 90% complete statewide. Barley, oat emergence 95+%. Commercial potato emergence just beginning. General crop conditions mostly average to slightly below average.

ARIZONA: Temperatures 1° above to 4° below normal. Extremes 30°; 96° higher elevations; 45°; 109° deserts. Precipitation several upper elevation stations, Kingman; 0.04 to 0.44 in.

Cotton condition improving, small grain condition/yields inconsistent. Small grains 1% very poor, 15% poor, 19% fair, 32% good, 33% excellent; 97% mature; 47% harvested, 53% 1994, 47% avg. Alfalfa 2% fair, 62% good, 36% excellent. Harvest 41% moderate, 48% active. 11% reported in-between cuttings. Cantaloupe, honeydew, watermelon were harvested western areas; central growers began to ship watermelon, cantaloupe. Honeydew harvest central areas expected soon. Other vegetables harvested central growers included potatoes, dry onions, carrots, green onions, mixed greens, cabbage, parsley, squash, kale, zucchini, some sweet corn. Head lettuce, tomatoes, dry onions available eastern growers. Grapefruit, Valencia oranges still available western, central groves. Western vineyards continue with grape harvest. Cattle, calves mostly good; moving to higher elevation pastures. Stockwater supplies were mostly adequate; soil moisture short to adequate. Insect damage was rated as very light.

ARKANSAS: Temperatures slightly below normal with scattered showers statewide. Extremes 50°; 94°. Precipitation 0.28 to 3.15 in.

Days suitable for fieldwork 4. Soil moisture 7% short, 70% adequate, 23% surplus. Producers were planting rice, cotton, soybeans, grain sorghum. Rice fertilization, weed control +w pastures, herbicide application, flooding of rice fields were the major field activities during the week. Cleburne county reported tomatoes were tied, pruned, sprayed. Jefferson county reported cotton was being replanted. Soybeans were also being replanted in Conway county. Hail damaged some crops in Crittenden, Craighead county. Hay harvest was ongoing. Producers continue vaccinating calves. Livestock in good condition.

CALIFORNIA: High pressure dominated weather pattern, temperatures warmer than normal, through midweek. Late week, low pressure, cooler breezes. Few showers, thunderstorms, Sierra. Most State dry.

Excellent progress field activities. Clear skies, most areas. Corn, cotton, dry beans, rice, safflower, sugarbeets improved growth as temperatures rose. Harvests proceeded rapidly, wheat, barley, oats for grain, central, southern counties. Harvested small grain, winter forage fields disced, pre-irrigated for second crop plantings. Rice planting

neared completion. Seeded fields received aerial herbicide applications. Harvested over-wintered sugarbeets. Corn, dry beans, safflower planted, central, northern counties. Corn treated weeds, cutworms. Cotton planting completed. Emerged fields cultivated, irrigated, sprayed aphids, mites. Seed alfalfa, treated lygus. Alfalfa, oats, sudangrass cut for hay, greenchopped. Grape growers were irrigating vineyards, treating, mildew, weeds, applying sizing sprays. Table grape harvest, Coachella Valley, continued. Peach, nectarine, plum, apricot growers, Central Valley, harvested early varieties. Early variety stonefruit harvest completed, Kern county. Orchards treated, mites, worms, moths. Cherry harvest began Sutter county; continued Stockton-Lodi area. Pomegranates, apples, progressing well. Almond, walnut orchards disced, irrigated. Walnuts sprayed, blight, husk fly. Almonds sprayed, Navel Orange worm. Grapefruit, lemon, Valencia orange, avocado harvested. Warm, dry weather benefitted vegetable crops. Asparagus harvested, Stockton delta, Salinas Valley. Artichokes, Monterey county, harvested. Broccoli, cauliflower harvested, Monterey, San Luis Obispo counties. Good quality carrots harvested, Kern county. Cabbage harvested, Stanislaus county. Celery harvested, Ventura, San Luis Obispo counties. Cucumbers harvested, Tulare county. Garlic harvested, Riverside county; neared maturity, Tulare county. Spring head, leaf lettuce harvested, Monterey, San Luis Obispo counties. Melons picked, Coachella, Palo Verde Valleys; planted San Joaquin Valley. Onions harvested, desert area, San Joaquin Valley. Bell peppers planted, San Joaquin Valley; harvested desert areas. Spring potatoes harvested Kern county. Planting, fall potatoes nearly completed, Tulelake-Butte Valley area. Snap beans picked, Tulare county. Sweet corn harvested, San Joaquin Valley, Riverside county. Fresh market tomato transplanting continued, San Joaquin Valley. Growers irrigated, weeded processing tomatoes, Sacramento, San Joaquin Valleys. Vinseed harvested, Sutter county. Other crops harvested: Oriental vegetables, eggplant, green onions, okra, radishes, peas, squash, spinach, turnips, zucchini. Cattle movement, summer ranges increased; warmer weather dried spring rangeland pastures. Heavy grazing evident, some lower elevations. Feed supplies, conditions, good. As abundant rangeland vegetation continued drying, fire hazard concerns increased. Livestock, good shape.

COLORADO: An upper level low pressure system hovered over the State for much of the week, bringing cool, wet conditions. Flooding was a problem in the east, especially the northeastern, southeastern corners of the State. Heavy rains were reported each day of the week except on the 1st when it was clear. Several reports of small hail were recorded over the eastern part of the State. Temperatures for the week were below normal with some locations in the east well below normal.

Days suitable for fieldwork 2.3. Topsoil 2% short, 64% adequate, 34% surplus. Subsoil 5% short, 64% adequate, 31% surplus. Spring wheat 1% headed, 4% 1994, 11% avg.; 1% poor, 18% fair, 53% good, 28% excellent. Corn 50% emerged, 93% 1994, 87% avg.; 3% very poor, 7% poor, 31% fair, 56% good, 3% excellent. Spring barley 6% headed, 18% 1994, 18% avg.; 1% very poor 2% poor, 20% fair, 54% good, 23% excellent. Oats 94% emerged, 86% 1994, 94% avg.; 1% headed, 2% 1994, 15% avg.; 1% very poor, 3% poor, 17% fair, 65% good, 14% excellent. Sorghum 5% emerged, 11% 1994, 18% avg. Dry onions 1% very poor, 2% poor, 22% fair, 64% good, 11% excellent. Sugarbeets 11% thinned, 22% 1994, 31% avg.; 1% very poor, 5% poor, 40% fair, 52% good, 2% excellent. Summer potatoes 79% emerged, 96% 1994, 86% avg.; 1% very poor, 6% poor, 20% fair, 53% good, 20% excellent. Fall potatoes 12% emerged, 30% 1994, 23% avg. Dry beans 15% planted, 37% 1994, 30% avg.; 2% emerged, 12% 1994, 6% avg. Alfalfa 5% 1st cutting, 46% 1994, 39% avg. Hail, wet weather may lower production of alfalfa hay in the eastern part of the State. Livestock mostly good to excellent.

DELAWARE: Precipitation 0.28 in., normal 0.83 in. Temperature 68.3°, normal 67.3°. Extremes 54°; 83°. High temperatures upper 70s to low 80s. Lows mid to upper 50s.

Days suitable for fieldwork 5.3. Topsoil 2% short, 98% adequate. Subsoil 18% short, 82% adequate. Winter wheat 11% fair, 78% good, 11% excellent; 9% turned, 4% 1994, 27% avg. Barley 17% fair, 76% good, 7% excellent; 93% turned, 49% 1994, 78% avg. Corn for grain 98% planted, 98% 1994, 99% avg. Soybeans 36% planted, 42% 1994, 42% avg. Sorghum 33% planted, 46% 1994, 62% avg. Other hay 80% 1st cutting, 88% 1994, 75% avg. Alfalfa hay 77% 1st cutting, 82% 1994, 77% avg. Cantaloupe 61% planted, 75% 1994, 89% avg. Green peas 9% harvested, 24% 1994, 19% avg. Lima beans 9% planted, 19% 1994, 21% avg. Sweet corn 86% planted, 89% 1994, 88% avg. Tomatoes 72% planted, 62% 1994, 80% avg. Watermelons 68% planted, 81% 1994, 93% avg. Apples 100% good. Peaches 5% fair, 95% good. Fruit set average. Strawberries 52% harvested, 58% 1994, 47% avg. Activities: Planting of spring crops, vegetables, haymaking, harvesting some vegetables.

FLORIDA: Temperatures 1 to 4° above normal. Lows mid 60s north, upper 60s Peninsula. Highs low 90s Atlantic coast, mid 90s elsewhere. First half of week dry, Hurricane Allison developed in Gulf 4th, produced showers, thunderstorms over State late in week. Rainfall 1.00 to 3.00 in. common throughout State.

Soil moisture short to adequate Panhandle, southern Peninsula; northern, central Peninsula very short to adequate. Peanut planting virtually complete. Cotton planting winding down. Soybean planting active. Small grains harvest virtually complete. Corn tasseling in Panhandle, northern Peninsula. Tobacco flowering. Rainfall from Hurricane Allison brought most southern Peninsula vegetable harvesting to an end, interrupted most northern picking. Most growers picked marketable vegetables prior to storms. Volume leaders: Watermelons, potatoes, tomatoes, sweet corn, cucumbers, peppers, celery, squash, eggplant, cherry tomatoes. Rain associated with Hurricane Allison widely scattered, not excessive. Citrus trees, groves excellent. Season almost complete. Cattle fair 20%, good 80%.

GEORGIA: Rain parts of State daily. Most stations over 1.00 in., several 2.00 to 4.00 in. Heaviest rain over southern areas with isolated reports 6.00 to 9.00 in. A majority of rain result of Hurricane Allison. Temperatures 2 to 4° above normal. Highs varied from the low to mid 80s northeastern areas mountains to mostly mid 90s extreme south. Lows mid 50s northeast mountains to upper 60s to low 70s south.

Days suitable for fieldwork 4.6. Soil moisture 13% very short, 37% short, 44% adequate, 6% surplus. Wheat harvest rapid progress, condition unchanged from last week. Dryland corn fields some drier areas severely stressed before rains came. Weeds an increasing problem in many cotton, peanut fields, control measures active. Budworms a problem in some southern cotton fields, spraying active. Spraying for blue mold in tobacco, tomato spotted wilt virus also causing problems. Corn 1% very poor, 17% poor, 47% fair, 34% good, 1% excellent; 48% silked, 58% 1994, 31% avg.; 9% dough, 16% 1994, 8% avg. Cotton 23% squaring, 25% 1994, 12% avg. Hay 5% very poor, 25% poor, 42% fair, 28% good. Peanuts 1% very poor, 5% poor, 35% fair, 56% good, 3% excellent; 99% planted, 100% 1994, 98% avg.; 31% blooming, 30% 1994, 21% avg.; 6% pegging, 3% 1994, 2% avg. Sorghum 7% poor, 45% fair, 48% good; 69% planted, 79% 1994, 72% avg. Soybeans 3% very poor, 13% poor, 37% fair, 47% good. Tobacco 8% poor, 67% fair, 22% good, 3% excellent. Wheat 78% harvested for grain, 85% 1994, 44% avg. Other small grains 20% poor, 53% fair, 27% good. Onions 100% harvested, 100% 1994, 100% avg. Watermelons 4% poor, 43% fair, 53% good. Other vegetables 3% poor, 42% fair, 55% good. Apples 2% poor, 11% fair, 87% good. Peaches 5% poor, 50% fair, 45% good; 36% harvested, 52% 1994, 34% avg. Pecans 3% poor, 66% fair, 31% good. Cattle 4% poor, 38% fair, 58% good. Hogs 1% very poor, 3% poor, 28% fair, 68% good. Activities: Major farm activities included haying, harvesting peaches, hand thinning apples, replanting cotton, irrigating row crops before the rains began, harvesting canola, the routine care of livestock and poultry.

HAWAII: Week mostly sunny, dry. Brisk trade winds, associated with two back-to-back high pressure systems north of State brought light scattered showers to windward areas, upper elevations. Soil moisture levels adequate, getting short some areas. Temperatures high 60s to high 80s. Rainfall none to 2.00 in.

Warms days with mild nights has most crops in fair to good condition. Banana, papaya production light. Insect infestations generally light.

IDAHO: Temperatures near to 9° above normal. Nearly all stations experienced above normal temperatures. Most stations reported below normal precipitation. Precipitation none to 0.03 in. north, none to 0.09 in. southwest, 0.01 to 0.75 in. south central, 0.10 to 1.22 in. southeast. Extremes 35°; 95°.

Days suitable for fieldwork 6.0. Topsoil 9% short, 81% adequate, 10% surplus. Warm weather is melting the above normal snowpack, filling the reservoirs. Irrigation water supplies 40% good, 60% excellent. Corn planted 92%, 96% 1994, 93% avg.; emerged 67%, 87% 1994, 73% avg. Dry beans planted 41%, 69% 1994, 53% avg.; emerged 11%, 30% 1994, 18% avg. Dry peas emerged 88%, 99% 1994, 93% avg. Lentils planted 89%, 100% 1994, 99% avg.; emerged 75%, 99% 1994, 93% avg. Oats planted 92%, 99% 1994, 96% avg.; emerged 81%, 94% 1994, 88% avg. Potatoes planted 96%, 97% 1994, 95% avg.; emerged 34%, 60% 1994, 49% avg. Spring barley planted 99%, 100% 1994, 100% avg.; emerged 85%, 98% 1994, 93% avg. Spring barley 8% fair, 56% good, 36% excellent. Spring wheat emerged 93%, 99% 1994, 100% avg.; 7% fair, 66% good, 27% excellent. Sugarbeets emerged 94%, 100% 1994, 100% avg. Activities: Moving livestock, irrigating, fertilizing, applying pesticides cutting alfalfa, planting corn, dry beans, dry peas, potatoes.

ILLINOIS: Temperatures 2° above normal north to 2 to 4° below normal south. High temperatures upper 70s north to 80° south. Lows from the low 50s to almost 60°. Rainfall under 0.50 in. at several locations. Totals exceeded 1.00 in. central, southern parts of the State.

Days suitable for fieldwork 2.2. Topsoil 15% adequate, 85% surplus. Field conditions throughout the State are still very wet which has caused some difficulty in planting. Farmers were using every opportunity to do fieldwork when weather conditions allowed last week, planting around wet spots, working the high ground. This allowed the corn and soybean crops to advance to 60% and 16% planted, respectively. Corn replanting has started in the Southern districts, farmers are starting to switch to shorter season hybrids throughout the State. Wet fields are causing a delay in the hay harvest. There have been some reports of concern about wheat diseases caused by excess moisture in the northern districts. Oats 20% headed, 34% 1994, 27% avg. Alfalfa 12% first cutting, 74% 1994, 56% avg. Red clover 11% cut, 64% 1994, 45% avg. Alfalfa 1% poor, 3% very poor, 23% fair, 57% good, 16% excellent. Red clover 1% very poor, 2% poor, 25% fair, 62% good, 10% excellent.

INDIANA: Periodic wet weather continued. The week started mostly dry, mild, showers, thunderstorms again hit the State after midweek. Rainfall was not as great this time, although heavy rain did occur in some southern locations. Temperatures generally cooler than normal by 1 to 4° due mainly to cooler than normal daytime temperatures. Some places in the northwest, far north managed to average 1° or 2° above normal. Highs were 75 to 80° with average lows mostly in the mid to upper 50s. Extremes from highs in the low to mid 80s to morning lows in the 40s. Rainfall below normal. Weekly totals were generally 0.20 to 0.60 in. Some northern, west central areas had less than 0.10 in. A few areas in the south had over 1.00 in.

Days suitable for fieldwork 2.2. Topsoil moisture 33% adequate, 67% surplus. Subsoil moisture 1% short, 44% adequate, 55% surplus. Corn, soybean planting made some progress, northern, central areas. Wet soils continued to limit fieldwork. Corn yellowish in color, caused by cool, wet weather. Disease problems showing up in some wheat fields. First cutting of alfalfa 28% complete, 68% 1994, 51% avg. Tobacco 17% set, 57% 1994, 46% avg.

IOWA: Temperatures were within 2° of normal. Extremes 44°; 83° (both extremes northeast, 30th). Rainfall mostly second half of week, was much more scattered than in recent weeks. Rainfall none parts of

north central to 2.50 in. east central; State average 0.55 in., normal 0.99 in.

Days suitable for fieldwork 2.1. Topsoil adequate 42%, surplus 58%. Subsoil moisture adequate 40%, surplus 60%. Three southern districts are feeling the effects of Mother Nature the most as very little progress was made in getting crops planted in that area of the State. Some producers are considering enrolling their crop lands that are to wet to plant into the 0/92 program. Primary seedbed preparation completed (includes fall tillage) 89%, 100% 1994, 96% avg. Row crop acreage fertilizer applied (includes fall applications) 92%, 100% 1994, 97% avg. Oats 2% very poor, 8% poor, 33% fair, 51% good, 6% excellent; emerged 98%, 100% 1994, 98% avg. Corn 3% very poor, 5% poor, 36% fair, 49% good, 7% excellent; planted 86%, 100% 1994, 93% avg.; emerged 66%, 100% 1994, 82% avg.; replanted or to be replanted 2.4%. There were a few reports of black cut worms beginning to reach economic thresholds in some corn fields. Soybeans planted 60%, 100% 1994, 73% avg.; emerged 18%, 93% 1994, 49% avg. Winter wheat 2% poor, 35% fair, 55% good, 8% excellent. Wheat diseases (powdery mildew, rust) are being reported in the southeast district. All hay 4% poor, 26% fair, 58% good, 12% excellent; alfalfa hay harvested first cutting 5%, 30% 1994, 19% avg. Livestock are reported in mostly good to fair condition. Cold, wet weather followed by warm, steamy weather every couple of days causing respiratory problems in cattle, hogs in some areas of the State. Muddy feedlots continue to cause problems. Weight gains poor, scattered reports of pneumonia, scours in calves continue. Some pastures in the State are experiencing problems with weeds, has been too wet to spray.

KANSAS: Temperatures were below normal in all districts, 6° below normal in the west to 4° below normal in the east. Precipitation was from moderate to heavy in all districts. Heaviest rainfall occurred in north central, eastern, south central areas of the State.

Days suitable for fieldwork 1.0. Topsoil 1% short, 37% adequate, 62% surplus. Subsurface 7% short, 50% adequate, 43% surplus. Wet weather has severely hampered farmers efforts to complete fieldwork. Planting of fall crops is well behind normal progress. Corn planting has been delayed, may in some cases be prevented by wet field conditions. When, where possible farmers were busy planting corn, preparing for sorghum, soybean planting. Wheat progress has been slowed by cool wet weather. Wheat turning color 15%, 52% 1994, 45% avg. Warm, sunny weather is needed to dry out water logged fields, promote maturity. Hail has damaged a significant amount of acreage, mostly in western areas. Evidence of damage from earlier freezes continues to increase, appearing in some areas where it was thought damage had been avoided. Flooding, extremely wet fields are causing wheat to yellow; in low areas where wheat is in standing water it is dying. Wheat disease has increased dramatically across the State. Wet conditions are favoring foliar diseases such as rust, tan spot, powdery mildew, which are reported across the State, particularly the southeastern quadrant of the State. Barley yellow dwarf is prevalent in southern areas. Alfalfa cut the first time 22%, 87% 1994, 74% avg.

KENTUCKY: Rainfall variable across State, 0.50 to 0.90 in. in the far west, 0.25 to 0.50 in., to 0.90 in. the far east. Rainfall fluctuated from 0.25 in. below normal to 0.25 in. above normal across central sections. High temperatures generally 1 to 3° below normal. Low temperatures 1 to 2° above normal in the west, 3 to 6° above in the east.

Days suitable fieldwork 3.1. Topsoil 1% short, 47% adequate, 52% surplus. Emerged corn 1% very poor, 14% poor, 36% fair, 40% good, 9% excellent. Burley tobacco set 51%, 68% 1994, 66% avg. Dark tobacco set 65%, 72% 1994, 64% avg.; 1% poor, 28% fair, 65% good, 6% excellent. Wheat 4% poor, 31% fair, 57% good, 8% excellent. Hay 2% very poor, 8% poor, 33% fair, 44% good, 13% excellent.

LOUISIANA: Temperatures near to 2° above normal. Extremes 60°; 94°. Rainfall 0.43 in. north central to 5.12 in. west central.

Days suitable for fieldwork 3.5. Soil moisture 1% short, 60% adequate, 39% surplus. Corn 3% poor, 14% fair, 70% good, 13% excellent; 57% silked, 44% 1994, 35% avg.; 14% dough stage, 6% 1994, 3% avg. Cotton 99% emerged, 99% 1994, 93% avg.; 14% squaring, 10%

1994, 7% avg.; looked good, facing continuing rain, farmers began to worry about weed control. Hay 49% first cutting, 64% 1994, 52% avg. Hay cutting remained very active. Peaches 4% harvested, 16% 1994, 13% avg. Rice 1% headed, 2% 1994, 1% avg. Rice farmers were busy fertilizing, spraying for water weevils. Sorghum 6% poor, 22% fair, 72% good; 86% emerged, 89% 1994, 81% avg. Soybeans 8% poor, 21% fair, 66% good, 5% excellent; 62% emerged, 63% 1994, 51% avg. Producers waited for drier conditions to resume planting. Spring plowing 98% plowed, 98% 1994, 94% avg. Sugarcane 1% poor, 10% fair, 50% good, 39% excellent. Fertilization, spraying of weeds made good progress due to favorable conditions. Sweet potatoes 43% planted, 37% 1994, 40% avg. Mechanical harvest slowed due to rain, while the insect population grew. Wheat 2% very poor, 4% poor, 32% fair, 60% good, 2% excellent; 99% turning color, 100% 1994, 99% avg.; 82% harvested, 66% 1994, 58% avg. Vegetables 8% poor, 27% fair, 53% good, 12% excellent. Small amounts of cucumbers, squash, bell peppers were harvested. Livestock 2% poor, 15% fair, 63% good, 20% excellent.

MARYLAND: Precipitation 0.45 in., normal 0.86 in. Temperature 67.6°, normal 67.1°. Extremes 46°; 87°. Low temperatures mostly in the mid 40s to low 60s. Highs were mainly in the mid 70s to mid 80s.

Days suitable for fieldwork 5.1. Topsoil 10% short, 78% adequate, 12% surplus. Subsoil 1% very short, 8% short, 86% adequate, 5% surplus. Winter wheat 6% poor, 17% fair, 59% good, 18% excellent; 40% turned, 31% 1994, 29% avg. Rye 3% poor, 18% fair, 62% good, 17% excellent; 100% headed, 100% 1994, 98% avg.; 30% turned, 29% 1994, 35% avg. Barley 1% very poor, 5% poor, 16% fair, 69% good, 9% excellent; 82% turned, 72% 1994, 74% avg. Corn for grain 93% planted, 96% 1994, 95% avg. Soybeans 46% planted, 49% 1994, 45% avg. Sorghum 38% planted, 68% 1994, 57% avg. Tobacco 64% transplanted, 50% 1994, 58% avg. Other hay 39% 1st cutting, 61% 1994, 54% avg. Alfalfa hay 61% 1st cutting, 86% 1994, 77% avg. Cantaloupe 94% planted, 91% 1994, 88% avg. Sweet corn 80% planted, 86% 1994, 82% avg. Tomatoes 86% planted, 89% 1994, 90% avg. Watermelons 88% planted, 93% 1994, 88% avg. Apples 3% fair, 55% good, 42% excellent. Peaches 16% fair, 69% good, 15% excellent. Fruit set above average. Strawberries 35% harvested, 33% 1994, 45% avg. Activities: Planting of spring crops, vegetables, haymaking, harvested some vegetables.

MICHIGAN: Extremes 38°; 87°. Precipitation none to 2.14 in. across the State. Temperatures returned to near to above normal for the week, 3° above normal. With the warmer weather, light precipitation, planting progressed rapidly. Warmer temperatures with recent precipitation has rapidly increased crop growth.

Days suitable for fieldwork 5.5. Topsoil 2% very short, 14% short, 77% adequate, 7% surplus. Subsoil 7% short, 86% adequate, 7% surplus. Acres tilled 93%, 96% 1994, 94% avg. Corn emerged 72%, 85% 1994, 77% avg.; 4% poor, 29% fair, 52% good, 15% excellent. Oats emerged 96%, 99% 1994; 4% poor, 24% fair, 61% good, 11% excellent. Barley emerged 95%. Potatoes planted 90%, 90% 1994, 90% avg; emerged 46%, 70% 1994. Soybeans emerged 46%, 60% 1994, 48% avg.

MINNESOTA: Temperatures 7 to 9° above normal in the northern third of the State to near normal in the south central. Extremes 38°; 88°. Precipitation 0.70 to 0.80 in. below normal for the State. Greatest weekly total 1.27 in.

Days suitable for fieldwork 4.6. Topsoil 9% short, 73% adequate, 18% surplus. Spring wheat 99% planted, 99% 1994, 99% avg.; 70% emerged, 99% 1994, 98% avg.; 15% jointed, 24% 1994, 30% avg. Oats 95% seeded, 99% 1994, 99% 5 avg.; 83% emerged, 99% 1994, 97% avg.; 19% jointed, 37% 1994, 32% avg. Barley 95% seeded, 99% 1994, 99% avg.; 69% emerged, 98% 1994, 96% avg.; 14% jointed, 27% 1994, 27% avg. Potatoes 78% planted, 97% 1994, 96% avg. Sweet corn 65% planted, 95% 1994, 74% avg. Dry beans 60% planted, 96% 1994, 91% avg. Flax 59% planted, 97% 1994, 93% avg. Sunflowers 76% planted, 96% 1994, 94% avg. Sugarbeets 98% planted, 100% 1994, 100% avg. Green peas 86% planted, 99% 1994, 91% avg. Corn 99% ground prepared, 99% 1994, 97% avg.; 95% planted, 99% 1994, 93% avg.; 74% emerged, 96% 1994, 79% avg. Soybeans 89% ground prepared, 99% 1994, 91% avg.; 79% planted, 98% 1994, 78% avg.; 39% emerged, 80% 1994, 51% avg.

Spring wheat 3% poor, 37% fair, 53% good, 7% excellent. Oats 1% poor, 23% fair, 69% good, 7% excellent. Barley 2% poor, 40% fair, 52% good, 6% excellent.

MISSISSIPPI: Temperatures normal. Extremes 58°; 93°. Soil temperatures 79°. Precipitation 2.71 in., 1.81 in. above normal. Rainfall throughout the State, 1.61 in. north central district to 4.34 in. central district.

Days suitable for fieldwork 1.7. Soil moisture 51% adequate, 49% surplus. Corn 100% planted, 100% 1994, 92% avg.; 100% emerged, 100% 1994, 89% avg.; 14% silked, 5% 1994, 9% avg.; 2% poor, 18% fair, 67% good, 13% excellent. Soybeans 78% planted, 87% 1994, 43% avg.; 69% emerged, 80% 1994, 36% avg.; 5% poor, 16% fair, 66% good, 13% excellent. Wheat 93% mature, 87% 1994, 81% avg.; 22% harvested, 23% 1994, 16% avg.; 6% poor, 52% fair, 31% good, 11% excellent. Hay 85% harvested cool, NA 1994, NA avg.; 20% warm, NA 1994, NA avg.; 3% poor, 31% fair, 56% good, 10% excellent. Peanuts 99% planted, 97% 1994, 73% avg.; 7% fair, 89% good, 4% excellent. Sweetpotatoes 36% planted, 30% 1994, 50% avg.; 1% fair, 98% good, 1% excellent. Watermelons 96% planted, 95% 1994, 93% avg.; 4% poor, 19 fair, 58% good, 19% excellent. Cattle 2% poor, 12% fair, 74% good, 12% excellent. Main farming activities: Planting cotton, soybeans, sorghum, harvesting hay, winter wheat. Rains halted most fieldwork in the early part of the week. Farmers are anticipating a break in the weather in order to control weeds in fields, make pinhead square applications in cotton. Insects are continuing to feed on young crops, becoming more of a problem with livestock.

MISSOURI: Temperatures below normal across most of the State, 5° below normal in St. Joseph, Kansas City, except Caruthersville which averaged 1° above normal. Precipitation 0.75 in., varying from 0.18 in. southeast, to 1.43 in. southwest.

Days suitable for fieldwork 1.6. Topsoil 2% short, 19% adequate, 79% surplus. Corn planting ranges from 11% northeast, to 100% southeast, muddy conditions severely limiting progress. Single crop soybean planting ranges from 1 to 4% northern two thirds of State, to 52% southeast, 35% south central. Sorghum planting ranges from less than 4% northern half of State to 80% southeast. Wheat condition showing slight decline, fair condition still most common. Winter wheat heading ranges 82% northwest, central to virtually complete southern third of State. Wheat turning color 35%, 28% 1994, 39% avg. Alfalfa first cutting 13%, 68% 1994, 48% avg. Other hay 7%, 39% 1994, 24% avg.

MONTANA: Most of the week warm, dry. Rains came late in the week, most stations reported below normal moisture for the week. Temperatures were normal to above normal.

Days suitable for fieldwork 6.4. Topsoil 1% very short, 18% short, 75% adequate, 6% surplus. Subsoil 6% very short, 23% short, 66% adequate, 5% surplus. Warm dry weather helped the development of the crops. Conditions improved for all crops. Improved winter wheat condition reflects the remaining winter wheat, since some was reseeded. Winter wheat 26% boot, 41% 1994, 34% avg. Barley 1% poor, 24% fair, 67% good, 8% excellent; 93% planted, 100% 1994, 98% avg.; 71% emerged, 91% 1994, 86% avg. Oats 1% poor, 25% fair, 68% good, 6% excellent; 92% planted, 100% 1994, 97% avg.; 72% emerged, 90% 1994, 81% avg. Sugarbeets 96% emerged, 98% 1994. Corn 94% planted, 98% 1994, 92% avg.; 81% emerged, 81% 1994. Dry beans 99% planted, 98% 1994, 88% avg.; 57% emerged, 70% 1994. Potatoes 82% planted, 93% 1994, 80% avg.; 12% emerged, 21% 1994. Cattle, calves moved to summer ranges, 89%. Sheep, lambs moved to summer ranges, 85%.

NEBRASKA: Temperatures around 2° below normals. Precipitation from 0.20 in. Sidney up to 1.36 in. Scottsbluff, 1.33 in. Grand Island.

Days suitable for fieldwork 2.3. Topsoil 34% adequate, 66% surplus. Subsoil 53% adequate, 47% surplus. Wheat 2% poor, 17% fair, 68% good, 13% excellent; 41% headed, 91% 1994, 85% avg. Corn 89% planted, 100% 1994, 100% avg.; 51% emerged, 96% 1994, 91% avg. Soybeans 31% planted, 100% 1994, 83% avg.; 8% emerged, 82% 1994,

55% avg. Sorghum 14% planted, 94% 1994, 77% avg.; 1% emerged, 69% 1994, 49% avg. Dry beans 4% planted, 57% 1994.

NEVADA: Widely scattered afternoon, evening thunderstorms occurred daily throughout much of the northern two-thirds of the State. Thunderstorms produced strong, gusty winds, small hail in some areas. Some localized flooding occurred. The greatest precipitation totals occurred in the northeast, averaging 0.50 in. Elko received 0.89 in., Ely 0.75 in., Fallon 0.66 in. Temperatures 3° above normal northwest to 1° below normal northeast. Extremes 21° Mountain City; 106° Laughlin.

Planting of oats nearly complete. Fields being prepared for alfalfa, sudan planting. Barley heading extreme south. Wheat, barley in mostly good condition. Potato planting finishing. Alfalfa second cutting underway south, first cutting to begin soon north. Alfalfa growth still lagging behind normal due to cool spring. Wet conditions have accelerated weed, native grass growth. Aphid, weevil infestations requiring attention. Garlic, onions good. Ranges continuing to thrive due to above-normal precipitation. Calving, lambing nearly complete. Sheep shearing resumed, nearly finished. Calves being branded, worked. Livestock movement to summer ranges continues. Main activities: Irrigating, cleaning irrigation ditches, weed/insect control, calving, lambing.

NEW ENGLAND: Precipitation 0.43 to 3.69 in. Temperatures 59 to 69° north; 64 to 69° south. Maximum temperatures 85 to 91° north; 80 to 90° south. Minimum temperatures 37 to 53° north; 39 to 56° south.

Days suitable for fieldwork 5.6. Topsoil 10% short, 84% adequate, 6% surplus. Subsoil 23% short, 75% adequate, 2% surplus. Maine potatoes 90% planted, 80% 1994, 90% avg.; 5% emerged, good. Rhode Island potatoes 100% planted, 99% 1994, 90% avg.; 90% emerged. Connecticut River Valley potatoes 99% planted, 99% 1994, 95% avg.; 95% emerged; good. Maine oats 95% planted, 85% 1994, 90% avg.; 70% emerged; good. Maine barley 95% planted; 70% emerged; good. Field corn 85% planted, 80% 1994, 80% avg.; 50% emerged; good. Sweet corn 75% planted, 70% 1994, 75% avg.; 45% emerged, good. Shade tobacco 90% planted, 90% 1994; good. Outdoor tobacco 35% planted, 35% 1994; good. First hay crop 15% harvested, 15% 1994, 20% avg.; good. Apples in petal fall, set avg.; good. Peaches in petal fall stage, set avg.; good. Pears in petal fall stage, set avg.; good. Strawberries in petal fall/full bloom stage, set avg.; good, size avg./above avg. Cranberries in bud stage; good. Highbush blueberries in full bloom/petal fall stage, set avg.; good. Wild blueberries in full bloom stage, set above avg., excellent. Heavy showers, above normal temperatures last week helped to push along crop emergence, growth to near normal. Major farm activities: Fertilizing, planting, transplanting crops, applying herbicides, pesticides, cutting hay, haylage.

NEW JERSEY: Temperatures above normal. Extremes 40°; 88°. Rainfall 0.73 in. north, 0.99 in. central, 0.28 in. south. Heaviest 24 hour total 1.30 in. on the 3rd to 4th. Estimated soil moisture, in percent of field capacity, 84% north, 80% central, 53% south.

Days suitable for fieldwork 6. Topsoil moisture reported as adequate. Farmers spraying crops, planting soybeans, sweet potatoes, snap beans, tomatoes. Harvesting asparagus, herbs, kale, basil, peas, green onions, parsley, beets, turnips, radishes, leeks, lettuce (all types), Chinese cabbage, green, yellow squash. Wheat, rye are heading up. Strawberry harvest active in south, central Jersey. Thinning of apples, peaches occurring. Blueberries are sizing well.

NEW MEXICO: A winter-type storm parked over Colorado during the first half of the week, keeping temperatures below normal over State. Statewide 4° below normal, anomalies as great as -11° at Capulin, -9° at Raton, Taos. Winter storm over Colorado also provided precipitation to much of State, although roughly the southwest quarter left out. Highest totals were in the northeast, included 3.14 in. at Raton, 2.65 in. at Roy, 2.31 in. at Clayton. The heavy precipitation more than doubled the 1995 precipitation total to date at Roy, nearly doubled it at Clayton.

Days suitable for fieldwork 5.9. Soil moisture 36% very short, 40% short, 24% adequate. Alfalfa 6% poor, 30% fair, 45% good, 19% excellent. Wheat 46% very poor, 16% poor, 7% fair, 31% good. Corn

34% fair, 63% good, 3% excellent; 98% planted. Cotton 15% poor, 31% fair, 46% good 8% excellent; 94% planted, 90% 1994, 96% avg. Sorghum 8% poor, 31% fair, 57% good, 4% excellent; 41% planted, 41% 1994, 41% avg. Chile 1% very poor, 6% poor, 49% fair, 39% good, 5% excellent. Onions 60% fair, 38% good, 2% excellent, 1% harvested. Pecans 6% very poor, 23% poor, 25% fair, 45% good, 1% excellent. Apples 31% poor, 16% fair, 50% good, 3% excellent. Cattle 1% very poor, 13% poor, 52% fair, 33% good, 1% excellent. Sheep 2% very poor, 11% poor, 45% fair, 42% good.

NEW YORK: Warm, wet week. Received rain on most days, heaviest on 29th, 1st, 2nd due to thunderstorms. Temperatures 4 to 8° above normal. Extremes 36°; 88°.

Days suitable for fieldwork 5.4. Soil moisture 83% short, 9% adequate, 8% surplus. Corn 90% planted, 77% 1994, 84% avg. Crop shows good emergence. Oat planting virtually complete. Oats, wheat in fair to good condition. First cutting of hay well underway. Recent rainfall, warmer weather promoted good growth. Berries appeared on early strawberries planted under row covers. Vegetable planting continued. Irrigation active. Most precipitation needed. Sweet peas appeared on the market along with late asparagus. Hudson Valley fruit growers were completing thinning applications. Fruit crops rated in generally good condition.

NORTH CAROLINA: Most areas received above average rainfall. Field activities slowed by precipitation, provided some relief to crops. Middle, southern coastal plain not as fortunate; most counties again below average rainfall. Temperature 71°, 1° above normal. Extremes 52°; 86°. Statewide precipitation 2.24 in., 0.74 in. above normal.

Days suitable for fieldwork 5.3. Soil moisture 4% very short, 20% short, 67% adequate, 9% surplus. Peanuts 99% planted, 99% 1994, 97% avg. Sorghum 39% planted, 71% 1994, 59% avg. Burley tobacco 70% transplanted, 61% 1994, 62% avg. Sweetpotatoes 74% transplanted, 65% 1994, 65% avg. Wheat 13% harvested, 14% 1994, 13% avg. Oats 10% harvested, 14% 1994, 14% avg. Barley 22% harvested, 15% 1994, 14% avg. Rye 36% harvested, 16% 1994, 17% avg. Condition of crops remains fair to good. Irish potatoes 4% fair, 54% good, 42% excellent; peaches 6% fair, 93% good, 1% excellent; truck crops 36% fair, 64% good; corn 3% poor, 35% fair, 60% good, 2% excellent; apples 21% fair, 74% good, 5% excellent; peanuts 1% poor, 20% fair, 79% good; soybeans 12% fair, 82% good, 6% excellent; sweetpotatoes 27% fair, 73% good; hay 1% very poor, 4% poor, 41% fair, 51% good, 3% excellent; tobacco in fields 1% poor, 13% fair, 63% good, 23% excellent; hay, roughage supplies 11% short, 83% adequate, 6% surplus. Activities: Planting cotton, peanuts, soybeans, sorghum, transplanting tobacco, sweetpotatoes, harvesting small grains, spraying corn fields, cutting hay, tending livestock, repairing equipment, general farm maintenance.

NORTH DAKOTA: Week was warmer than normal, relatively dry. Temperatures 5° above normal southwest, southeast to 10° above normal northeast. Extremes 31° northwest; 90° northwest. Precipitation 0.03 in. south central to 0.31 in. north central.

Days suitable for fieldwork 6. Warm, dry conditions reduced excess soil moisture, still well above average. Topsoil moisture 1% short, 84% adequate, 15% surplus. Subsoil moisture 79% adequate, 21% surplus. Small grain planting progressed rapidly, still well behind average. Hard red spring wheat 80% planted, 45% emerged and beyond; 99%, 91% 1994; 100%, 95% avg.; 1% poor, 17% fair, 75% good, 7% excellent; durum 72% planted, 35% emerged and beyond; 98%, 87% 1994; 99%, 91% avg.; oats 75% planted, 41% emerged and beyond; 99%, 90% 1994; 100%, 94% avg.; barley 79% planted, 35% emerged and beyond; 99%, 93% 1994; 100%, 96% avg. Late season crop planting advanced rapidly. Flaxseed 35% planted, 11% emerged and beyond; 91%, 60% 1994; 92%, 65% avg.; corn 78% planted, 39% emerged and beyond; 97%, 74% 1994; 96%, 77% avg.; dry edible beans 65% planted, 24% emerged; 91%, 56% 1994; 92%, 57% avg.; soybeans 67% planted, 29% emerged and beyond; 98%, 68% 1994; 97%, 68% avg.; sunflower 44% planted, 6% emerged and beyond; 87%, 49% 1994; 84%, 44% avg.; potatoes 92% planted, 18% emerged

and beyond; 99%, 46% 1994, 98%, 40% avg.; sugarbeets 100% planted; 100% 1994; 100% avg. Pasture feed 1% very poor, 2% poor, 19% fair, 62% good, 16% excellent.

OHIO: Rains relented somewhat with below normal precipitation. It was not completely dry as most areas noted near 0.50 in. of precipitation. Temperatures near to somewhat above normal north to slightly below normal southwest. Overall temperatures within 2° of normal. Except for the Columbus area, southeastern sections, precipitation was below normal. More than 1.00 in. fell in aforementioned regions. Elsewhere, amounts generally held at 0.75 in. or less, lightest amounts northwest.

Days suitable for fieldwork 2.0. Soil moisture 34% adequate, 66% surplus. Persistent rains, wet soils forced farmers to work in less than ideal conditions. Winter wheat is maturing quickly, good. Warm, dry weather is needed to allow the crop to mature ahead of the disease pressure. Septoria, Rust, Powdery Mildew have all been reported in wheat fields. Corn, soybean emergence has been slow with cool wet soils. Seedlings are yellow from excess moisture. Farmers are waiting for drier weather before harvesting hay. Muddy pastures are being trampled by cattle. Both vegetable planting, fruit development are lagging behind normal. Tomatoes planted 71%, 82% 1994, 80% avg. Corn emerged 68%, 92% 1994, 90% avg. Soybeans emerged 35%, 80% 1994, 66% avg. Wheat turning color 3%, 2% 1994, 7% avg. Strawberries harvested 9%, 11% 1994, 19% avg. Alfalfa hay first cutting 23%, 38% 1994, 32% avg. Other hay 13%, 43% 1994, 36% avg. Hay 1% very poor, 5% poor, 29% fair, 52% good, 13% excellent. Oats 1% very poor, 5% poor, 29% fair, 56% good, 9% excellent.

OKLAHOMA: Temperatures 2.1° below normal southeast to 5.9° below normal southwest district. Precipitation 1.20 in. northeast district to 5.79 in. west central district.

Days suitable for fieldwork 2.0. Topsoil 58% adequate, 42% surplus. Subsoil 4% short, 75% adequate, 21% surplus. Wheat 13% very poor, 7% poor, 31% fair, 46% good, 3% excellent; 71% soft dough, 89% 1994, 80% avg.; 0% harvested, 9% 1994, 8% avg. Oats 85% heading, 99% 1994, 90% avg.; 41% soft dough, 67% 1994, 60% avg.; 1% harvested, 2% 1994, 4% avg. Barley 84% heading, 99% 1994, 85% avg.; 20% soft dough, 53% 1994, 57% avg.; 0% harvested, 6% 1994, 5% avg. Corn 90% up-to-stand, 100% 1994, 92% avg.; 1% tasseling, 3% 1994, 3% avg. Sorghum 78% seedbed prepared, 99% 1994, 92% avg.; 18% planted, 69% 1994, 51% avg.; 8% up-to-stand, 41% 1994, 22% avg. Soybeans 82% seedbed prepared, 99% 1994, 87% avg.; 33% planted, 76% 1994, 35% avg.; 23% up-to-stand, 51% 1994, 18% avg. Peanuts 93% seedbed prepared, 99% 1994, 94% avg.; 49% planted, 70% 1994, 55% avg.; 36% up-to-stand, 51% 1994, 32% avg. Cotton 95% seedbed prepared, 99% 1994, 95% avg.; 36% planted, 80% 1994, 69% avg.; 25% up-to-stand, 63% 1994, 27% avg. Alfalfa 1% very poor, 5% poor, 31% fair, 60% good, 3% excellent; 80% 1st cutting, 94% 1994, 85% avg.; 9% 2nd cutting, 12% 1994, 4% avg. Other hay 55% 1st cutting, 63% 1994, 48% avg. Livestock 1% poor, 14% fair, 80% good, 5% excellent. Prices for feeder steers, heifers were steady to \$1.00/cwt higher.

OREGON: Temperatures above normal statewide. Coast normal to 1° above, western valleys 4 to 8° above normal, east 2 to 12° above normal. Precipitation: coast trace, western valleys dry, east 0.03 to 0.28 in.

Days suitable for fieldwork 6.4. Topsoil 12% short, 84% adequate, 4% surplus. Subsoil moisture 6% short, 89% adequate, 5% surplus. Winter wheat 4% very poor, 7% poor, 31% fair, 42% good, 16% excellent; headed 81%. All barley planted 92%. Dry, hot weather improved hay harvest conditions. Cheat grass problems in wheat crop. Grass seed crops full bloom, western sections, heading, central sections. Sugarbeet planting completed, 60% emerged, Klamath Basin. Potato planting nearly complete, eastern sections. Willamette Valley: Snap beans, green peas, cucumbers, sweet corn, onions potatoes emerged, fresh market vegetable harvest continued, early strawberry harvest underway, raspberries, blackberries full bloom. Mid-Columbia: Sweet cherry harvest 2 weeks away. Southern coast: Cranberry girdler moth was a concern. Willamette Valley nursery industry: Balled, burlapped movement continued, planted new field stock, transplant movement continued. Livestock good-excellent. Sheep shearing underway.

PENNSYLVANIA: Summer-type weather. Severe thunderstorms, hail, damaged fruit, field crops. Temperature 71°, 9° above normal. Extremes 40°; 87°. Precipitation 1.04 in., 0.21 in. above normal.

Days suitable for fieldwork 4.3. Soil moisture 16% short, 71% adequate, 13% surplus. Soybeans planted 59% complete, 68% 1994, 59% avg. Potatoes planted 83% complete, 86% 1994, 89% avg. Tobacco transplanted 22% complete, 22% 1994, 21% avg. Barley 85% heading or headed, 85% 1994, 82% avg.; 15% yellow, 12% 1994, 10% avg. Wheat 79% heading or headed, 56% 1994, 68% avg.; 4% yellow, 1% 1994, 1% avg.; 2% poor, 17% fair, 63% good, 18% excellent. Oats 3% poor, 25% fair, 61% good, 11% excellent. Alfalfa 1st cutting 35% complete, 44% 1994, 41% avg. Timothy clover 1st cutting 13% complete, 17% 1994, 17% avg. Quality of hay made 3% poor, 24% fair, 67% good, 6% excellent. Activities: Planting corn, soybeans; making hay; cutting haylage; fixing fences; hauling manure; caring for livestock.

PUERTO RICO: No weather data available.

SOUTH CAROLINA: Temperatures 2 to 4° above normal statewide. Strong storms produced high winds, hail in many counties. Maximum observed temperature 95°. Minimum observed temperature 56°. Heaviest 24-hour rainfall 2.70 in. Rainfall 1.50 in.

Days suitable for fieldwork 5.2. Soil moisture 33% short, 56% adequate, 11% surplus. Planting improved to near normal pace. Cantaloupes 92% planted, 100% 1994, 92% avg. Cucumbers 89% planted, 100% 1994, 96% avg. Hay 85% harvested, 93% 1994, 83% avg. Oats 96% turning color, 93% 1994, 95% avg.; 80% ripe, 80% 1994, 72% avg. Peanuts 90% planted, 95% 1994, 96% avg. Rye 93% turning color, 100% 1994, 89% avg. Snap beans 79% planted, 89% 1994, 84% avg. Sorghum 43% planted, 44% 1994, 49% avg. Sweet potatoes 48% planted, 56% 1994, 69% avg. Watermelons 95% planted, 100% 1994, 94% avg. Wheat 22% poor, 78% fair; 85% ripe, 91% 1994, 73% avg.; 32% harvested, 41% 1994, 24% avg. Peaches 2% poor, 4% fair, 81% good, 13% excellent.

SOUTH DAKOTA: Temperatures 4° below normal to 5° above normal with most stations averaging a little above normal. Extremes outside the Black Hills 34°; 84°. Rainfall was generally light except for some heavy amounts of 1.00 to 3.00 in. in isolated parts of the southeast, Black Hills area. Heaviest precipitation 3.21 in. Centerville.

Days suitable for fieldwork 2.9. Topsoil 32% adequate, 68% surplus. Subsoil 29% adequate, 71% surplus. Winter wheat 43% boot, 86% 1994, 80% avg. Winter rye 66% boot, 83% 1994, 78% avg.; 5% headed, 58% 1994, 52% avg.; 29% fair, 66% good, 4% excellent. Barley 96% planted, 100% 1994, 100% avg.; 82% emerged, 100% 1994, 98% avg.; 0% boot, 19% 1994, 24% avg.; 1% very poor, 12% poor, 49% fair, 37% good, 1% excellent. Oats 96% planted, 100% 1994, 100% avg.; 86% emerged, 100% 1994, 99% avg.; 0% boot, 24% 1994, 28% avg.; 2% very poor, 12% poor, 42% fair, 39% good, 5% excellent. Spring wheat 0% boot, 26% 1994, 28% avg. Flax 63% planted, 74% 1994, 84% avg.; 26% emerged, 62% 1994, 73% avg. Sunflowers 16% planted, 74% 1994, 50% avg. There are still questions about when some fields will get planted, what crops will be planted in those fields. Weeds were becoming a major problems in small grains. Tan spot continued to be a problem in winter wheat. Livestock 1% poor, 14% fair, 77% good, 8% excellent. Cattle moved to pasture 92%. Stockwater supplies 49% adequate, 51% surplus.

TENNESSEE: Temperatures 3° below normal to 3° above normal. Extremes 50°; 91°. Storms 31st, 1st.

Days suitable for fieldwork 4.0. Topsoil 2% short, 67% adequate, 31% surplus. Subsoil 3% short, 73% adequate, 24 surplus. Corn 1% poor 19% fair, 64% good, 16% excellent; 3% tasseling, 0% 1994, 0% avg. Cotton 2% very poor, 2% poor, 25% fair, 59% good, 12% excellent; 100% planted, 100% 1994, 90% avg. Mississippi River crest, with backwaters of Obion, Forked Deer Rivers flooding cropland in Delta counties. Sorghum 88% planted, 81% 1994, 69% avg. Tobacco 2% poor, 21% fair, 74% good, 3% excellent; 73% transplanted, 83% 1994, 77% avg. Soybeans 33% planted, 43% 1994, 32% avg. Wheat

4% poor, 33% fair 53% good, 10% excellent; 98% turning color, 88% 1994, 79% avg.; 26% ripe, 16 % 1994, 16% avg.; 0% harvested, 0% 1994, 0% avg. Alfalfa 18% fair, 75% good, 7% excellent; 89% 1st cutting, 98% 1994, 87% avg. Other hay 1% poor, 25% fair, 70% good, 4% excellent.

TEXAS: First week of June brought several rounds severe weather most of State. Many areas north, south, west, Panhandle areas reported large to very large hail, high winds, heavy rain, flooding. Very severe storms over weekend brought hail, flooding, several tornados to parts Low Rolling Plains, Panhandle. Several locations in Panhandle, north-west recorded more rain past week than recorded for entire year. This was also true for parts Lower Valley as rains brought temporary relief from drought. For week, all districts reported above normal rainfall with exception of Trans-Pecos region, just below normal. Several districts averaged more than 3.00 in. above normal for week with district totals generally between 1.50 in., 4.50 in. Some larger individual station totals include: 5.19 in. at Victoria, 6.25 in. at Sam Rayburn Dam, 6.92 in. at Paducah, 7.94 in. at Mercedes, 9.47 in. at Childress. Rain, thunderstorms helped keep temperatures near to below normal across State for week, with coolest readings in Low, High Plains. Temperatures 1° above normal east, Coastal Bend districts to 7° below normal in northern Low Plains. Soil temperatures 64° Bushland to 86° Beeville.

Crops: Small grains: Harvest operations slowed by wet conditions in Blacklands, Cross Timbers. Harvest expected to begin soon in Plains on early fields. Rainfall in Plains may help some dryland wheat left for harvest. Yields in Blacklands have been mixed. Wheat harvested 11%; 13% 1994; 12% avg. Corn: Planting virtually completed; however, wet conditions did slow progress on few remaining fields. Growth was slow during week mainly because of cooler temperatures. Moisture will be beneficial. Fields most other areas also will benefit from continued rain. Fields in central, southern areas are in dough stage. Corn 81% of normal compared with 89% 1994; 36% silked, 39% 1994, 32% avg.; 6% dough, 11% 1994, 7% avg. Cotton: High winds, hail caused damage in southern Plains where replanting will be necessary in some fields. Alternative crops may need to be considered. Rainfall was beneficial. Open, sunny conditions now needed throughout Blacklands, Central. Boll set continued in Coastal Bend, south. Rains these areas were first in several weeks, should provide significant benefit. Cotton 17% squaring, 14% 1994, 12% avg.; 3% setting bolls, 5% 1994, 4% avg. Grain sorghum: Most areas of state should benefit from additional moisture received during week. Fields in Coastal Bend, south were turning color during week. Fields in Cross Timbers, Low Plains off to good start. Sorghum 78% normal compared with 85% 1994; 32% headed, 36% 1994, 29% avg.; 6% turning color, 10% 1994, 5% avg. Rice: Good development continued most fields along Upper Coast during week. Rainy conditions delayed final planting stages. Other Crops: Oats harvested 33%; 26% 1994, 23% avg. Peanuts 41% planted, 33% 1994, 31% avg. Soybeans 70% planted, 51% 1994, 62% avg. Sunflowers 42% planted, 63% 1994, 51% avg.

Commercial Vegetables: Rio Grande Valley: Harvest onions, cantaloupes completed. Watermelon, pepper harvest continued. San Antonio-Winter Garden area: Harvest operations slowed by wet conditions. Watermelon harvest should begin soon. East Texas: Harvest continued as conditions permitted. Tomatoes showing good progress. Watermelons also look good. Trans-Pecos: Onion harvest continued nearly all week with minimal delays. Scattered hail damage occurred. High Plains: Hail caused some damage, otherwise progress continued good. Pecans: Rainy conditions limited chemical treatment during week; however, casebearers continued showing up. High winds caused limb damage in some areas. Peaches: Early varieties continued coming in. Sizes smaller; however, quality good. Some damage also occurred from hail and high winds.

Range and Livestock: Ranges, pastures have greatly improved with all recent rainfall. Haying operations slowed during week. Stock tanks have been replenished. Livestock conditions good during week. Markets have been steady.

UTAH: Temperature 7° below normal; minima averaged 3° below normal. Precipitation moderate most of State, light Dixie division.

Days suitable for fieldwork 5.1. Topsoil 6% short, 64% adequate, 30% surplus. Subsoil 5% short, 88% adequate, 7% surplus. Oats planted 86%; emerged 68%. Winter wheat heading or better 28%, 63% 1994, 52% avg. Corn planted 80%; emerged 40%, 92% 1994, 81% avg. Alfalfa hay 1st cutting 16%, 49% 1994, 36% avg. Other hay cutting 2%, 31% 1994. Dry beans planted 16%. Potatoes planted 70%. Cattle moved to summer range 56%, 71% 1994. Sheep moved to summer range 47%, 67% 1994. Major activities: small grains, corn planted; haying; branding cattle; moving sheep, cattle to summer ranges. Cereal leaf beetles have been found in some northern counties. Late snow melt delaying movement of cattle, sheep to summer ranges.

VIRGINIA: Temperatures below normal. Extremes 43°; 93°. Precipitation near to slightly above normal.

Days suitable for fieldwork 4.3. Topsoil 9% short, 75% adequate, 16% surplus. Subsoil 13% short, 82% adequate, 5% surplus. Other hay 7% poor, 44% fair, 46% good, 3% excellent. Alfalfa hay 2% poor, 14% fair, 75% good, 9% excellent. Apple 1% fair, 70% good, 29% excellent. Peach 11% poor, 27% fair, 55% good, 7% excellent. Barley harvested 6%, 13% 1994, 8% avg.; 4% poor, 19% fair, 69% good, 8% excellent. Wheat 6% poor, 25% fair, 62% good, 7% excellent. Oats harvested 1%, 12% 1994, 6% avg. Corn 94% planted, 97% 1994, 95% avg.; 19% fair, 76% good, 5% excellent. Soybeans 32% planted, 47% 1994, 39% avg. Cotton 21% fair, 79% good. Flue tobacco transplanted 100%, 100% 1994, 97% avg.; 23% fair, 63% good, 14% excellent. Dark fired tobacco 80% transplanted, 95% 1994, 84% avg.; 3% fair, 64% good, 33% excellent. Burley tobacco 70% transplanted, 61% 1994, 49% avg.; 10% fair, 89% good, 1% excellent. Sun tobacco 65% transplanted, 94% 1994, 92% avg. Summer potato 3% poor, 27% fair, 52% good, 18% excellent. Cutting, harvesting hay, harvesting squash, thinning, spraying fruit trees, planting vegetables, cultivating tobacco, cotton, potatoes, spraying cotton, peanuts for thrips, topdressing corn.

WASHINGTON: Temperatures 2 to 9° above normal west; 6 to 13° above normal east. Precipitation none west; none to 0.02 east. Warm, dry weather had most producers hoping for rain.

Days suitable for fieldwork 6.9. Topsoil 23% very short, 40% short, 37% adequate. Subsoil 24% short, 76% adequate. Irrigation water supply 100% adequate. Winter, spring wheat were developing rapidly, winter was suffering from moisture stress. Root, crown, stem injury from fungus disease were found in both winter, spring wheat. Downy brome infestation was a problem in late seeded winter wheat. Thinning of apples increased. Early rains caused numerous disease problems in tree fruit. Harvest of strawberries, burlat cherries, green peas, asparagus, field rhubarb, head and leaf lettuce in full swing. Grass on dryland range began to dry up. Winter wheat, dryland 5% very poor, 13% poor, 34% fair, 38% good, 10% excellent; irrigated, 6% fair, 71% good, 23% excellent. Spring wheat, dryland 7% poor, 30% fair, 60% good, 3% excellent; irrigated, 4% fair, 79% good, 17% excellent. Barley, dryland 11% poor, 41% fair, 36% good, 12% excellent; irrigated, 80% good 20% excellent. Potatoes, 100% good. Corn, 100% good. Hay, other roughage supplies 5% short, 80% adequate, 15% surplus. Spring wheat, 14% headed, 53% 1994, 39% avg. Barley, 15% headed, 63% 1994, 45% avg. Corn, 92% planted, 96% 1994, 97% avg. Alfalfa, 1st cutting, 56% harvested, 56% 1994, 51% avg. Dry edible beans, 56% planted, 78% 1994, 77% avg.

WEST VIRGINIA: Temperature 67°. Extremes 39°; 88°. Precipitation 1.19 in. Temperatures 1° above normal northwest, north central, southwest regions to 3° above normal northeastern region. Precipitation 0.11 in. below normal northeastern region to 1.08 in. southern region. Greatest weekly total precipitation was 2.64 in.

reported at White Sulphur Springs. Seasonal precipitation 0.58 in. below normal in the northeastern region to 2.93 in. above normal southwest region.

Days suitable for fieldwork 3.3. Topsoil 4% short, 71% adequate, 25% surplus. Intended acreage prepared for spring planting 97%, 95% 1994. Barley 2% poor, 28% fair, 64% good, 6% excellent; 80% headed, 100% 1994; 14% ripe, 44% 1994. Wheat 14% fair, 74% good, 12% excellent; 61% headed, 88% 1994. Hay 1% poor, 22% fair, 71% good, 6% excellent; first cutting 10%, 50% 1994, 29% avg. Corn 10% fair, 84% good, 6% excellent; planted 83%, 84% 1994, 87% avg, 61% emerged, 61% 1994, 75% avg. Oats 6% fair, 93% good, 1% excellent; planted 87%, 100% 1994, 95% avg.; 81% emerged, 95% 1994, 87% avg. Soybeans planted 43%, 47% 1994, emerged 34%, 41% 1994. Tobacco 16% fair, 84% good; 47% transplanted, 77% 1994, 64% avg. Apples 100% good. Peaches 100% good. Cattle 14% fair, 82% good, 4% excellent. Sheep 13% fair, 85% good, 2% excellent. Activities: Planting, cultivation, fencing, cutting hay, chopping for haylage, general maintenance, preparation of equipment.

WISCONSIN: Temperature 67°, 5° above normal. Extremes 35°; 93°. Precipitation trace to 0.40 in.

Days suitable for fieldwork 4.4. Soil moisture 3% short, 87% adequate, 10% surplus. General condition of crops 2% poor, 17% fair, 68% good, 13% excellent. Oats 1% poor, 16% fair, 66% good, 17% excellent. Corn planted 93%, 99% 1994, 91% avg.; height 3 in., 5 in. 1994, 4 in. avg.; 2% poor, 19% fair, 66% good, 13% excellent. Winter wheat 2% poor, 11% fair, 57% good, 30% excellent. Soybeans planted 73%, 96% 1994, 75% avg. First cutting hay 10% harvested, 25% 1994, 16% avg. Some farmers noted that a light soaking rain would help to soften the ground, allow the soybeans, other crops to emerge. Warm weather during the week allowed for good growth of all crops, especially in the southern part of the State. Corn growth over the past couple of weeks has been very good with the good growing conditions. Most of the corn in the southern part of the State has emerged, is beginning to emerge in the northern part of the State. Soybeans have been planted over the past week, emergence is expected over the next couple of weeks. Alfalfa varied greatly across the State. Northwestern counties reported very poor stands with heavy winterkill. The areas with heavy winterkill are being plowed up, planted into other crops. Southern third of the State had a very good hay crop. Cranberries made it through the winter in good shape.

WYOMING: Temperatures normal to 8° below normal except for a few scattered spots. Extremes 27° Jackson; 83° Sheridan. Archer was cold spot averaging 8° below normal. Precipitation 0.10 to 0.60 in. below normal north central, east central. Rest of State 0.10 to 1.60 in. above normal. Cheyenne, Kaycee had the greatest amount with 2.15 in.

Days suitable for fieldwork 3.9. Topsoil 100% adequate or better. Subsoil 100% adequate or better. Winter wheat 80% jointed, 98% 1994; 56% boot, 77% 1994. Spring wheat 80% planted, 100% 1994, 100% avg.; 47% emerged, 99% 1994, 93% avg.; 15% jointed, 98% 1994. Oats 87% planted, 99% 1994, 99% avg.; 62% emerged, 90% 1994, 87% avg.; 24% jointed, 27% 1994. Barley 84% emerged, 96% 1994, 92% avg.; 48% jointed, 49% 1994. Sugarbeets 93% emerged, 99% 1994, 92% avg.; 12% thinned, 30% 1994, 27% avg. Corn 86% planted, 100% 1994, 93% avg.; 59% emerged, 93% 1994, 70% avg. Potatoes 1% planted, 98% 1994, 96% avg.; 0% emerged, 55% 1994, 50% avg. Dry beans 39% planted, 74% 1994, 57% avg.; 22% emerged, 27% 1994, 16% avg. Livestock mostly good. Range flock ewes lambbed 83%, 86% 1994; shorn 95%, 100% 1994. Lamb death losses 17% light, 63% normal, 20% heavy. Livestock moved to summer pastures; cattle, calves 56%, sheep, lambs 39%. Stockwater supplies 97% adequate or better 73% 1994.

May 1995

MONTHLY DATA FROM SELECTED FOREIGN CITIES
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA
*** = DATA NOT AVAILABLE

International Weather and Crop Summary
HIGHLIGHTS

May 28 - June 3, 1995

FSU-WESTERN: A heat wave stressed crops in Russia and edged westward into Ukraine.

FSU-NEW LANDS: Topsoil moisture for spring grain emergence was lacking in the Urals and the western portion of Western Siberia.

EUROPE: Periodic storminess continued to soak emerging summer crops in Italy's Po Valley and the Slovak Republic.

SOUTHEAST ASIA: Seasonable rains returned to Indochina, benefiting main-season grains and other crops.

SOUTH ASIA: Scattered showers covered southern and eastern rice areas, but heavy monsoon rains failed to materialize.

CANADA: Dry weather promoted rapid Prairie planting progress, but unseasonable warmth reduced topsoil moisture for establishment.

EASTERN ASIA: Scattered showers benefited filling winter wheat and germinating summer crops across the North China Plain, but warm weather increased irrigation demand.

AUSTRALIA: Drier weather aided winter wheat planting across most areas.

SOUTH AMERICA: Dry weather continued to favor summer crop harvesting and winter wheat planting across the region.

MEXICO: Scattered showers increased soil moisture for corn planting in the south, but chronic dryness continued across the north.

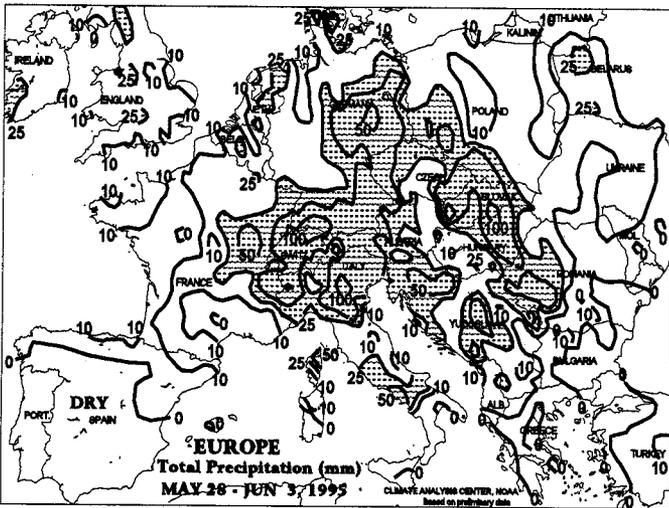
CUBA: Widespread showers (50-125 mm) covered central and western Cuba, indicating a favorable start to the rainy season. Showers across the western portion of the country were associated with Tropical Storm Allison.

COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
		AVG MAX	AVG MIN	HI	LO	AVG	DPART F/NRM	DPART TOTAL F/NRM	
NORWAY	OSLO	14	4	22	-3	9	-0.8	58	-4
SWEDEN	STOCKHOLM	14	3	26	-5	9	-1.8	55	25
FINLAND	HELSINKI	14	4	29	-5	9	-0.8	57	22
U KING	GLASGOW	15	6	21	-3	11	-0.8	61	-10
	EDINBURGH	15	6	24	-2	11	0.6	51	0
	BIRMINGHAM	17	6	26	1	12	0.8	34	-22
	LONDON	18	7	27	-1	12	0.9	17	-39
IRELAND	DUBLIN	14	6	23	0	10	-0.2	49	-6
ICELAND	REYKJAVIK	9	4	13	-1	7	0.5	40	-4
DENMRK	COPENHAGEN	14	6	21	1	10	-1.7	70	28
LUXEMB	LUXEMBOURG	18	8	26	2	13	1.1	39	-37
SWITZL	ZURICH	18	9	26	0	13	1.1	131	24
	GENEVA	20	9	27	0	14	1.1	111	37
FRANCE	PARIS/ORLY	20	9	28	2	15	***	74	**
	STRASBOURG	20	9	28	1	14	0.7	116	40
	BOURGES	20	9	30	1	14	1.1	70	-11
	BORDEAUX	22	11	30	3	16	1.9	82	6
	TOULOUSE	22	11	30	5	17	2.1	74	0
	MARSEILLE	22	12	28	5	17	0.1	76	34
SPAIN	VALLADOLID	24	10	30	2	17	3.0	20	-27
	MADRID	26	12	32	5	19	2.3	44	4
	SEVILLE	31	16	37	12	24	3.7	1	-38
PORTUG	LISBON	24	15	32	12	19	2.0	33	-9
GERMNY	HAMBURG	17	7	26	0	12	-0.3	45	-11
	BERLIN	18	9	29	3	14	-0.4	70	14
	DUSSELDORF	19	8	27	1	14	-0.1	75	16
	LEIPZIG	17	7	28	1	12	-0.4	43	-8
	DRESDEN	18	8	28	4	13	0.3	118	55
	STUTTGART	18	8	27	0	13	0.1	98	19
	MURNBERG	19	8	27	-1	13	0.0	36	-29
AUSTRI	VIENNA	20	9	28	1	14	-0.7	53	-9
	INNSBRUCK	20	8	29	3	14	0.5	100	9
CZECH	PRAGUE	18	7	28	0	12	-0.5	101	22
POLAND	WARSAW	18	7	29	-3	12	-1.0	43	-14
	LODZ	18	6	29	-2	12	-0.8	47	-4
	KATOWICE	18	7	28	-2	12	-0.7	121	53
	PRZEMYSL	17	8	26	0	12	-1.0	37	-39
HUNGAR	BUDAPEST	21	11	29	3	16	-0.3	93	38
F YUGO	BELGRADE	22	12	31	4	17	-0.2	82	9
ROMANI	BUCHAREST	23	9	30	0	16	-0.8	40	-32
BULGAR	SOFIA	20	9	27	1	14	-0.4	110	35
ITALY	MILAN	23	12	30	7	18	1.0	180	84
	VERONA	23	12	31	8	17	0.4	170	85
	VENICE	21	13	29	9	17	0.3	150	85
	GENOA	20	15	26	12	17	-0.5	108	0
	ROME	21	12	25	7	16	-1.0	28	-7
	NAPLES	22	13	29	8	18	0.1	95	43
GREECE	THESSALONIKA	25	13	31	5	19	-0.8	45	-2
	LARISSA	26	11	34	5	19	-0.8	31	-7
	ATHENS	25	16	32	8	20	-0.1	5	-18
TURKEY	ISTANBUL	22	13	29	7	18	1.9	4	-26
	ANKARA	23	8	32	0	15	-1.7	28	-14
CYPRUS	LARNACA	27	15	38	9	21	0.6	32	21
ESTONI	TALLINN	13	5	29	-3	9	-0.5	95	61
FSU	ST. PETERSBURG	15	7	30	-2	11	0.4	72	34
LITHUA	KAUNAS	17	7	29	-2	12	-0.9	75	20
FSU	MINSK	18	8	29	-6	13	-0.4	20	-40
	KAZAN	21	10	31	-1	16	2.4	20	-15
	MOSCOW	20	9	32	-4	15	1.4	24	-30
	YEKATERINBURG	19	8	29	-1	13	2.4	40	-4
	OMSK	18	7	28	0	13	0.9	30	-3
	KUSTANAY	20	8	33	2	14	0.5	38	12
	NOVOSIBIRSK	18	7	28	-2	12	2.6	39	6
	BARNAUL	18	6	29	0	12	0.6	78	40
	KHABAROVSK	19	7	28	-4	13	1.0	57	-1
	VLADIVOSTOK	14	7	20	4	10	0.6	85	17
	KIEV	19	10	28	2	14	-1.0	101	50
	LVOV	17	8	26	-1	12	-0.8	82	7
	KIROVOGRAD	20	9	29	1	15	-0.6	44	-4
	ODESSA	18	11	27	4	14	-0.9	25	-13

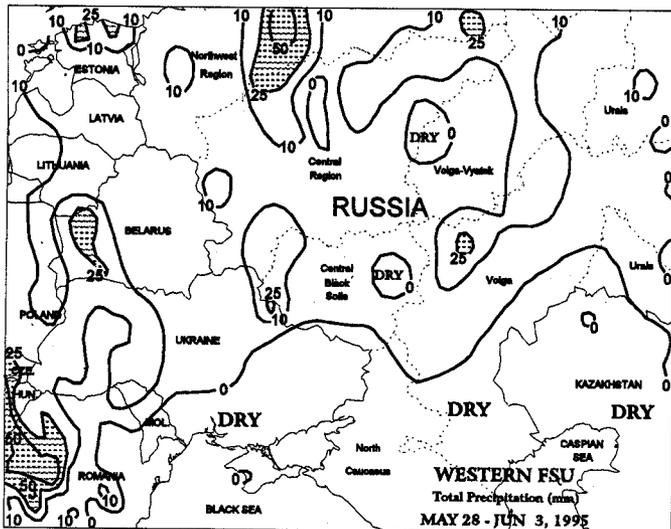
Based on Preliminary Reports

May 1995

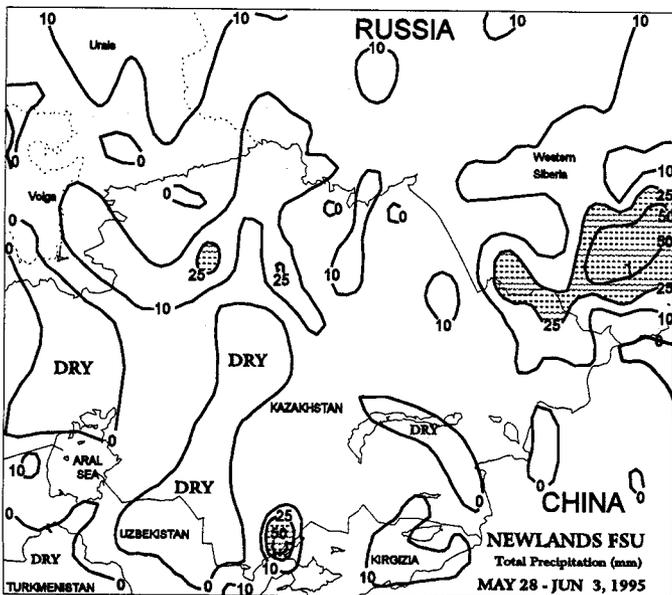
COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)			COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)				
		AVG	AVG	HI	LO	DPART	AVG	F/NRM	TOTAL			F/NRM	AVG	AVG	HI	LO	DPART	AVG	F/NRM	TOTAL	F/NRM
		MAX	MIN	MAX	MIN	AVG	F/NRM	TOTAL	F/NRM			MAX	MIN	MAX	MIN	AVG	F/NRM	TOTAL	F/NRM		
FSU	YALTA	20	12	28	5	16	-0.2	40	15	ETHIOP	ADDIS ABABA	25	11	27	10	18	0.1	35	-41		
	SARATOV	23	13	30	1	18	2.9	13	-36	KENYA	NAIROBI	24	15	27	11	20	0.5	70	-40		
	KHARKOV	21	11	30	1	16	-0.1	20	-27	TANZAN	DAR ES SALAAM	29	22	36	20	25	-0.1	348	193		
	VOLGOGRAD	23	11	32	-1	17	0.1	32	1	GABON	LIBREVILLE	31	24	38	21	27	0.7	83	-185		
	ROSTOV	21	12	30	5	17	-0.5	48	-6	TOGO	LOME	32	25	35	21	29	1.3	21	-127		
	ASTRAKHAN	25	13	30	1	19	0.7	17	-7	B FASO	OUAGADOUGOU	38	**	42	22	**	**	50	-23		
	KRASNOGAR	22	12	30	4	17	-0.1	76	14	IVRY C	ABIDJAN	32	25	34	22	29	1.1	238	-38		
	ORENBURG	24	10	32	-2	17	1.6	16	-13	MOZAMB	MAPUTO	26	17	36	12	22	0.1	76	46		
	TSELINOGRAD	19	8	27	0	14	1.1	48	21	ZAMBIA	LUSAKA	27	13	32	9	20	1.0	0	-2		
	KARAGANDA	18	7	26	0	13	-0.7	59	23	ZIMBAB	HARARE	**	12	28	8	**	**	0	-10		
	TBILISI	25	13	33	5	19	1.8	43	-35	S AFRI	PRETORIA	20	9	23	5	15	0.3	5	-9		
	TASHKENT	28	13	35	7	21	0.2	21	-25	JOHANNESBURG		18	6	21	3	12	-0.5	10	-4		
	ASHKHABAD	31	15	36	4	23	0.0	10	-18	BEIHAI		19	4	23	-1	12	0.2	11	-8		
SYRIA	DAMASCUS	31	10	41	1	21	0.4	15	11	DURBAN		24	14	29	10	19	0.0	47	-14		
ISRAEL	JERUSALEM	26	13	38	7	20	0.4	0	-4	CAPE TOWN		21	10	30	3	16	1.2	67	0		
PAKIST	KARACHI	37	26	41	22	31	0.8	0	0	CANADA	TORONTO	19	8	27	0	13	0.9	84	18		
INDIA	AMRITSAR	41	24	48	18	32	2.4	3	-16	MONTRER		19	8	27	-1	13	0.3	58	-10		
	NEW DELHI	41	27	45	22	34	1.4	0	-24	WINNIPEG		18	3	34	-7	10	-1.2	27	-33		
	AHMEDABAD	42	28	45	25	35	1.0	0	-15	REGINA		17	3	30	-6	10	-1.1	52	1		
	INDORE	41	25	45	21	33	0.4	21	4	SASKATOON		18	2	33	-6	10	-1.1	15	-28		
	CALCUTTA	36	27	40	24	32	0.1	218	136	LETHBRIDGE		17	3	29	-4	10	-1.4	31	-19		
	VERAVAL	32	26	39	23	29	0.7	0	-2	CALGARY		16	3	28	-4	9	-0.5	72	19		
	BOMBAY	34	27	37	26	31	1.0	0	-20	EDMONTON		18	5	31	-3	12	0.0	**	**		
	POONA	36	23	41	19	29	-0.4	20	-24	VANCOUVER		19	10	23	6	14	2.0	27	-35		
	BEGAMPET	37	25	42	19	31	-1.7	75	41	MEXICO	GUADALAJARA	30	16	36	10	23	-1.0	16	-11		
	VISHAKHAPATNAM	31	27	34	24	29	**	305	**	MEXICO	CITY	28	15	36	13	22	3.5	15	-37		
	MADRAS	35	27	39	23	31	-1.7	252	224	ACAPULCO		33	24	35	20	28	0.4	6	-15		
	MANGALORE	33	25	35	22	29	-0.1	249	16	BERMUD	ST. GEORGES	24	20	28	15	22	-0.6	54	-49		
H KONG	KINGS PEAK	29	24	33	20	26	**	28	**	BAHAMA	NASSAU	30	23	35	20	27	1.4	70	-43		
N KREA	PYONGYANG	21	8	26	2	14	0.1	50	-27	CUBA	HAVANA	**	**	35	23	**	**	**	**		
S KREA	SEOUL	22	13	29	6	17	1.0	59	-27	JAMAIC	KINGSTON	33	25	35	24	29	1.3	28	-40		
JAPAN	SAPPORO	18	10	25	5	14	1.8	54	-1	P RICO	SAN JUAN	31	24	34	22	28	0.4	240	90		
	NAGOYA	23	14	28	10	19	0.3	212	54	GUATEL	RAJZET	32	24	33	22	28	1.7	43	-56		
	TOKYO	23	16	27	13	20	0.9	219	81	MARTINQ	LAMENTIN	31	24	32	21	28	1.4	15	-101		
	YOKOHAMA	22	16	26	13	19	1.1	253	89	BARBAD	BRIDGETOWN	31	26	32	23	28	1.0	11	-41		
	KYOTO	23	14	28	9	19	0.1	403	247	TRINID	PORT OF SPAIN	34	24	34	22	29	2.1	21	-76		
	OSAKA	23	16	27	11	19	-0.2	369	229	COLOMB	BOGOTA	19	9	23	4	14	0.4	114	31		
THAILN	PHETCHABUN	34	25	37	22	29	-0.1	219	59	VENEZU	CARACAS	30	23	35	19	27	-0.1	66	30		
	BANGKOK	35	26	38	24	31	0.9	187	-33	F GULA	CAYENNE	30	23	32	20	27	0.9	398	-211		
MALAYS	KUALA LUMPUR	33	25	35	24	29	1.8	203	11	BRAZIL	FORTALEZA	29	23	30	22	26	-0.3	380	133		
VIEITNM	HANOI	31	25	37	21	28	0.3	113	-83	RECIFE		29	23	30	21	**	**	309	3		
CHINA	HARBIN	19	7	29	-1	13	-0.8	35	-1	BELO HORIZONTE		26	17	29	9	22	1.1	34	6		
	HAMI	27	11	32	6	19	-1.2	16	12	CAMPO GRANDE		27	16	32	9	22	0.0	7	-121		
	LANCHOW	25	12	32	5	19	1.7	6	-33	FRANCA		25	16	28	11	20	3.5	86	29		
	BEIJING	25	14	31	7	20	-0.7	46	18	LONDRINA		25	15	31	9	**	**	53	-49		
	TIENTSIN	25	14	31	7	19	-1.2	62	30	SANTA MARIA		21	11	28	4	16	-0.1	84	-45		
	LHASA	25	9	28	3	17	4.6	5	-22	PORTO ALEGRE		21	11	28	4	16	-0.8	248	133		
	KUNMING	24	15	30	10	20	0.6	79	-12	PERU	LIMA	23	16	26	15	20	0.5	0	0		
	CHENGCHOW	28	15	35	7	22	0.7	14	-38	BOLIVI	LA PAZ	15	-1	18	-5	7	-0.7	3	-11		
	YEHCHANG	28	18	34	15	23	1.4	161	37	CHILE	SANTIAGO	22	5	28	0	13	2.3	5	-35		
	HANKOW	27	19	33	13	23	1.4	178	29	ARGENT	IGUAZU	24	12	32	3	18	**	16	**		
	CHUNGKING	28	20	35	15	24	**	114	**	FORMOSA		23	13	33	7	18	-1.0	88	-30		
	CHIHKIANG	27	18	33	13	22	1.2	202	-6	CERES		21	9	28	3	15	-0.9	2	-27		
	WU HU	26	17	33	11	21	**	186	**	CORDOBA		21	9	30	4	15	0.6	27	6		
	SHANGHAI	23	16	29	11	20	**	181	**	RIO CUARTO		20	9	31	4	15	1.4	13	-10		
	NANCHANG	27	20	33	14	23	1.1	265	10	ROSARIO		20	8	29	2	14	0.5	11	-37		
	TAIPEI	28	22	34	17	25	0.6	170	-49	BUENOS AIRES		19	8	25	1	13	0.5	32	-43		
	CANTON	30	24	35	17	27	1.2	208	-57	SANTA ROSA		20	6	30	-3	13	1.5	0	-28		
	NANNING	31	23	35	18	27	0.9	81	-107	TRES ARROYOS		17	7	27	0	12	1.4	2	-64		
CNRY I	LAS PALMAS	25	19	27	18	22	2.1	0	-2	N CALD	NOUMEA	26	20	29	18	23	0.8	59	-32		
MOROCC	CASABLANCA	23	17	34	14	20	2.3	0	-20	FIJI	NAUSORI	27	21	30	18	24	-0.1	153	-102		
	MARRAKECH	31	17	40	13	24	3.9	0	-22	SAMOA	PAGO PAGO	31	26	33	23	28	1.4	232	-18		
ALGERI	ALGER	26	13	34	6	19	1.4	1	-35	TAHITI	PAPEETE	31	24	33	21	27	1.3	180	87		
	BAINA	26	10	32	1	18	1.6	9	-30	PA N G	PORT MORESBY	29	23	31	20	26	-0.7	113	45		
TUNISI	TUNIS	27	15	35	10	21	1.7	2	-21	AUSIRL	DARWIN	31	23	33	19	27	-0.6	44	15		
NIGER	NIAMEY	41	29	44	25	35	1.2	13	-22	MOREE		**	**	27	5	**	**	48	6		
MALI	TIMBUKTU	**	**	45	**	**	**	0	-4	BRISBANE		22	14	24	9	18	-0.5	40	-58		
	BAMAKO	36	25	40	21	30	-0.7	105	53	PERTH		21	11	28	7	16	-0.4	139	35		
MAURIT	NOUAKHOTT	35	20	45	16	27	2.0	0	0	CEDUNA		20	9	29	4	14	-0.5	35	0		
SENEGL	DAKAR	26	21	29	19	23	0.6	1	1	ADELAIDE		17	9	22	5	13	-1.2	58	1		
CHAG A	DIEGO GARCIA	30	26	31	23	28	0.9	113	-77	MELBOURNE		15	8	23	3	11	-1.4	24	-32		
LIBYA	TRIPOLI	30	17	39	9	23															



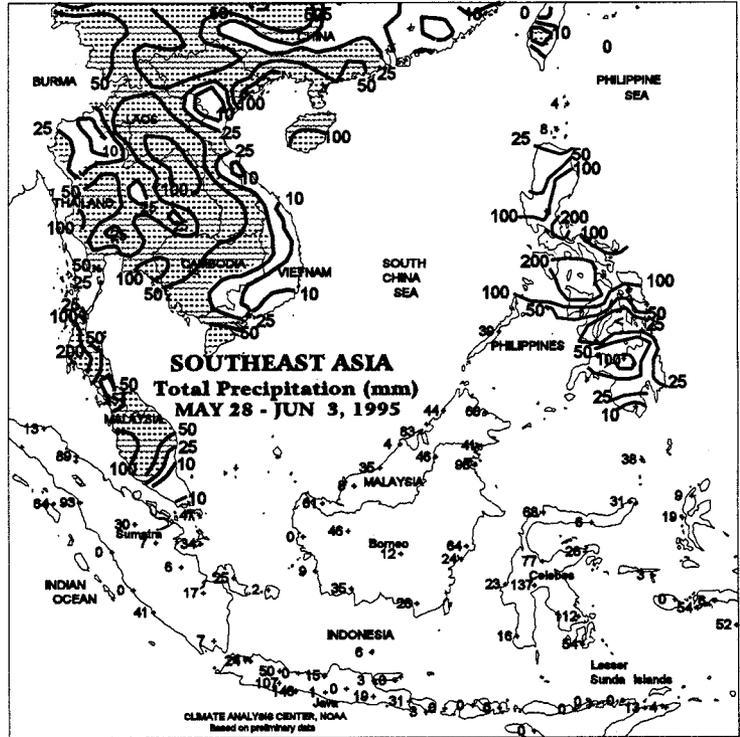
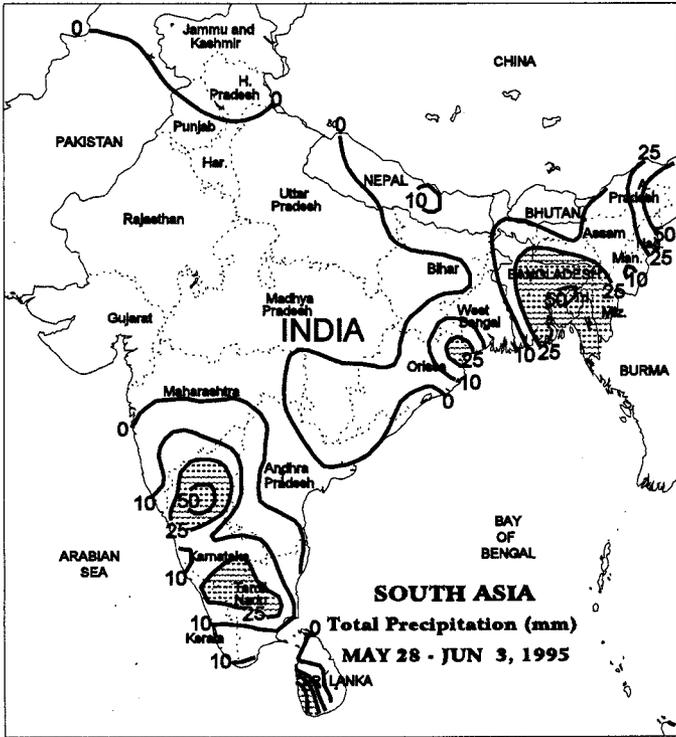
EUROPE: Periodic storminess continued across much of Europe, leaving only the Mediterranean region with little or no rainfall (mostly 5 mm or less). Beneficial showers (10-25 mm) in southern England helped spring-sown crops, while 5 to 15 mm of rain in France's primary corn areas maintained adequate crop moisture for vegetative growth. Showers (10-25 mm) across northern Europe, from northern France, the Benelux countries, to northern Poland favored crop development. However, heavy rain (50-110 mm) from Italy's Po Valley to the Slovak Republic and western Romania soaked emerging summer crops and winter grains nearing the maturing phase. Weekly temperatures averaged above normal in the east, promoting crop growth, but unseasonably warm weather in southern Spain aggravated the drought-reduced reservoir supplies. Seasonal temperatures prevailed elsewhere.



FSU-WESTERN: A heat wave covered most of Russia during the week, accompanied by little, if any, precipitation. The heat and dryness over the Volga Valley, central Black Soils Region, and the southern portion of the Central Region worsened conditions for winter grains in the reproductive phase of development, as well as for spring-sown crops (spring barley, sugar beets, sunflowers, and corn) in the vegetative stage. The hot weather spread south into major growing areas of the North Caucasus by week's end, when maximum temperatures rose as high as 35 degrees Celsius (C). Russia's heat wave edged westward into the eastern Ukraine, where temperatures ranged from 31 to 36 degrees C. Although light showers in northern Ukraine maintained favorable moisture for winter grains in the reproductive phase and spring sown crops, above-normal temperatures (3-5 degrees C above normal) increased crop-water demands.

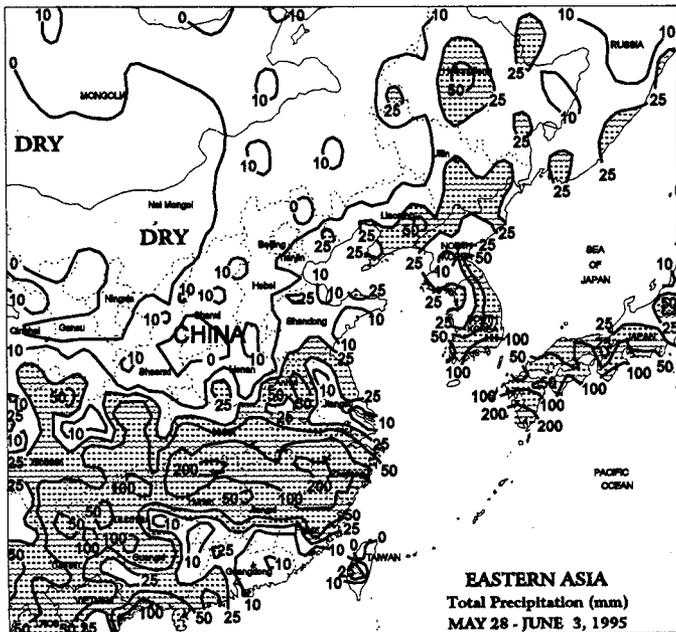


FSU-NEW LANDS: In Russia, little, if any, precipitation over the Urals and the western portion of Western Siberia allowed final spring grain planting efforts but continued to limit topsoil moisture for crop emergence. Farther east, wet weather (17-52 mm) in the Altay Kray region of Western Siberia hampered late spring grain planting but provided abundant topsoil moisture for emergence and early growth. In Kazakhstan, light showers (3-25 mm) moistened topsoils for emerging spring grains. Weekly average temperatures were near normal over Kazakhstan.

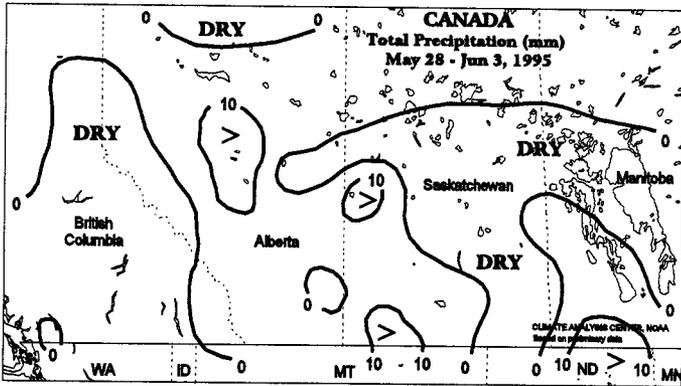


SOUTH ASIA: Moderate showers (25-30 mm, with a few reports over 50 mm) continued over southern and eastern India and local areas of Bangladesh. However, despite the recent good progress of the southwest monsoon through Indochina, heavy showers associated with the monsoon failed to materialize over southernmost India and Sri Lanka. In the heavily rainfed coarse grain and oilseed areas of southern and central India, planting will only begin with the arrival of the monsoon (typically from mid-June to early July). Elsewhere, hot weather (average temperatures 2-3 degrees C above normal, highs in the mid to upper 40's C) returned to northwestern cotton areas, raising irrigation demands.

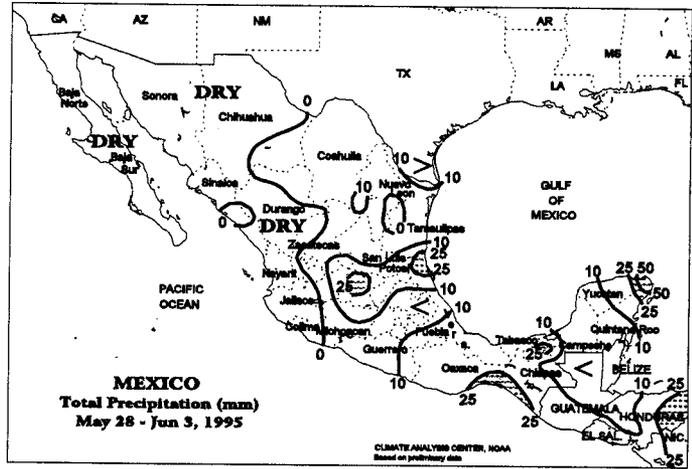
SOUTHEAST ASIA: Seasonable showers returned to Indochina, benefiting main-season rice, corn, and sugarcane. Most areas received near-normal amounts (25-50 mm or more, with a few reports exceeding 100 mm) although dry pockets persisted in rice areas of northern Thailand and central Vietnam. Moderate to heavy rain covered the Malay Peninsula, with inundating amounts (100 mm or more) causing flooding along sections of the western coast. However, unseasonable dryness (15 mm or less) persisted over western Malaysia's eastern oil palm region. Farther south, locally heavy showers (50-148 mm) in western Java disrupted rice harvesting. In the Philippines, moderate to heavy showers (25-100 mm or more) fell throughout the islands. The rain was partly from Tropical Storm Deanna, which crossed the central islands and southern Luzon late in the week. Some flooding from inundating rain (150-300 mm) was likely in major rice areas of the western Visayans.



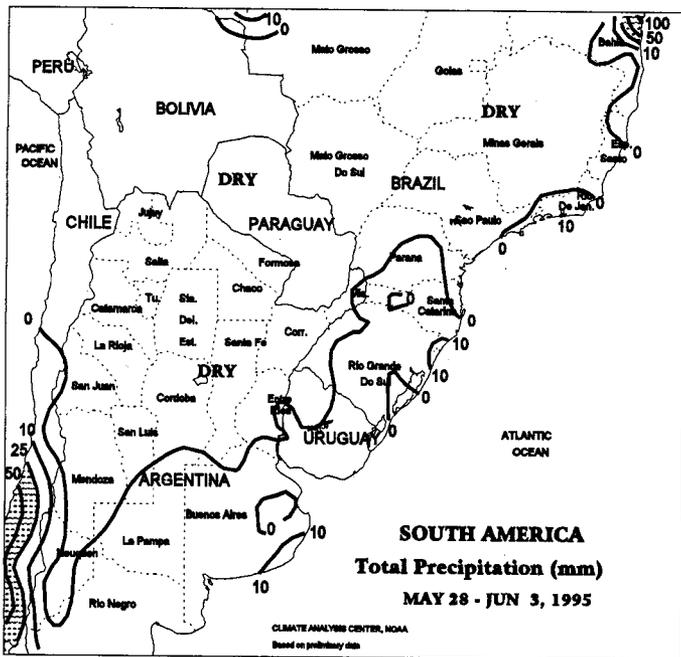
EASTERN ASIA: Scattered light to moderate showers (10-30 mm) fell across the North China Plain, bringing some relief to filling winter grains and favoring germinating summer crops. However, in Henan, maximum temperatures ranged from 33 to 36 degrees C (2-3 degrees C above normal), increasing irrigation demand for winter wheat and stressing the rainfed portion of the crop. Light to moderate rain (10-35 mm) covered Manchuria, aiding vegetative spring wheat and germinating corn and soybeans. Widespread showers (25-80 mm) covered the Yangtze Valley and most of southern China, keeping irrigation supplies adequate for rice. Heavier showers (100-235 mm) were concentrated from northern Hunan eastward into Zhejiang, causing flooding and possible damage to filling early double-crop rice. Drier weather (5-20 mm) prevailed in southeast Guangdong and southern Jiangxi, where rainfall has recently been trending below normal. Temperatures averaged 1 to 3 degrees C below across Manchuria and 2 to 4 degrees C above normal across the rest of China. Widespread showers (20-50 mm) covered most of the Koreas and Japan, with heavier showers (greater than 100 mm) reported in extreme southern South Korea, and Kyushu and Shikoku Islands in Japan.



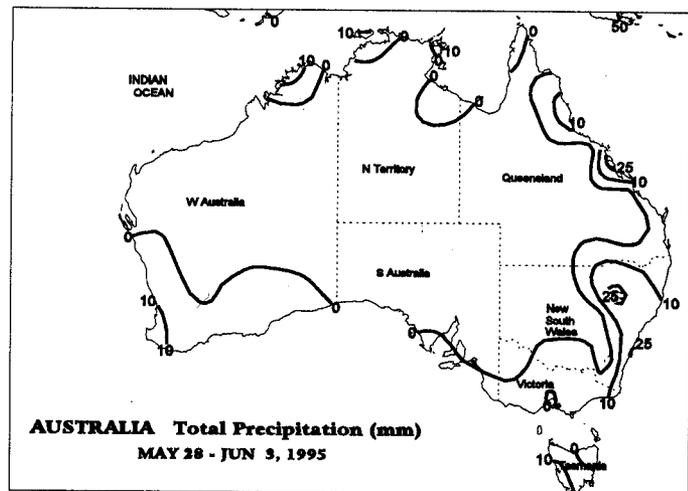
CANADA: Generally dry, warm weather dominated the Prairies, promoting rapid fieldwork progress. Excessively wet areas of eastern Saskatchewan and Manitoba received only 1 to 3 mm, with only a few locations scattered across the Prairies receiving more than 10 mm. Unseasonably warm weather (temperature averaging 5-7 degrees above normal, with highs reaching the low 30's) accompanied the dryness. While having the initial benefit of warming topsoils for germination, especially across northern crop areas, topsoil moisture was reduced by week's end. Moisture is now needed in sections of the western Prairies that were trending dry as grains and oilseeds germinate. In Ontario, moderate rain (10-25 mm, with local amounts exceeding 50 mm) and temperatures 1 to 2 degrees above normal benefited corn and soybeans.



MEXICO: Light rain (3-10 mm) covered the eastern and central corn belt, with scattered heavier showers (15-40 mm), boosting soil moisture for corn planting. Mostly dry, warm weather (1-2 degrees C above normal) continued across north-central and northeastern Mexico, stressing pastures. Variable showers (10-40 mm) were reported across southern Mexico. Temperatures throughout central and southern Mexico averaged 1 to 2 degrees C above normal.



SOUTH AMERICA: Mostly dry weather continued across Argentina, southern Paraguay, and southern Brazil, favoring summer crop harvesting and winter grain planting. Drier weather prevailed across eastern Bahia, with only the extreme northern cocoa areas receiving heavy rain (in excess of 100 mm). Temperatures averaged 1 to 3 degrees above normal across the region.



AUSTRALIA: Mostly dry weather prevailed across the major winter wheat areas, aiding planting. With the onset of prior widespread rains, planting has rapidly progressed to nearly 50 percent complete. Variable showers (5-40 mm) fell across the northeast coast of Queensland, increasing irrigation supplies and favoring sugarcane. Temperatures averaged 1 to 2 degrees above normal across the west and near normal elsewhere. In New Zealand, moderate to heavy rain (25-100 mm) fell across central North Island and northern South Island, keeping pastures well watered.

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Pasture and Range Crop Condition by Percent

State	VP	P	F	G	EX	State	VP	P	F	G	EX
AL	1	7	30	54	8	NJ	0	0	0	100	0
AZ	1	6	25	26	42	NM	24	32	31	13	0
AR	0	2	20	71	7	NY	0	5	74	21	0
CA	0	0	10	45	45	NC	0	2	32	62	4
CO	1	3	14	64	18	ND	1	2	19	62	16
CT	0	0	17	80	3	OH	0	3	22	61	14
DE	0	3	26	71	0	OK	0	1	15	76	8
FL	0	5	55	40	0	OR	0	0	5	59	36
GA	6	24	39	30	1	PA	0	2	23	63	12
ID	0	0	4	60	36	RI	0	0	0	17	83
IL	1	2	15	59	23	SC	0	29	46	25	0
IN	0	1	11	55	33	SD	0	4	20	61	15
IA	1	4	27	55	13	TN	0	1	16	72	11
KS	0	4	22	62	12	TX	3	8	27	49	13
KY	0	2	19	61	18	UT	0	0	4	56	40
LA	0	1	16	63	20	VT	0	0	5	86	9
ME	0	0	5	56	39	VA	0	3	32	60	5
MD	2	3	14	49	32	WA	0	1	26	60	13
MA	0	0	16	72	12	WV	0	1	29	66	4
MI	0	4	25	59	12	WI	0	2	13	68	17
MN	1	9	26	55	9	WY	0	0	5	45	50
MS	0	3	16	65	16						
MO	1	5	25	57	12	ALL	1	5	23	54	17
MT	0	4	20	47	29						
NE	0	5	28	54	13	Prev Wk	1	5	23	54	17
NV	0	1	4	47	48	Prev Yr	NA	NA	NA	NA	NA
NH	0	0	21	79	0						

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