

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

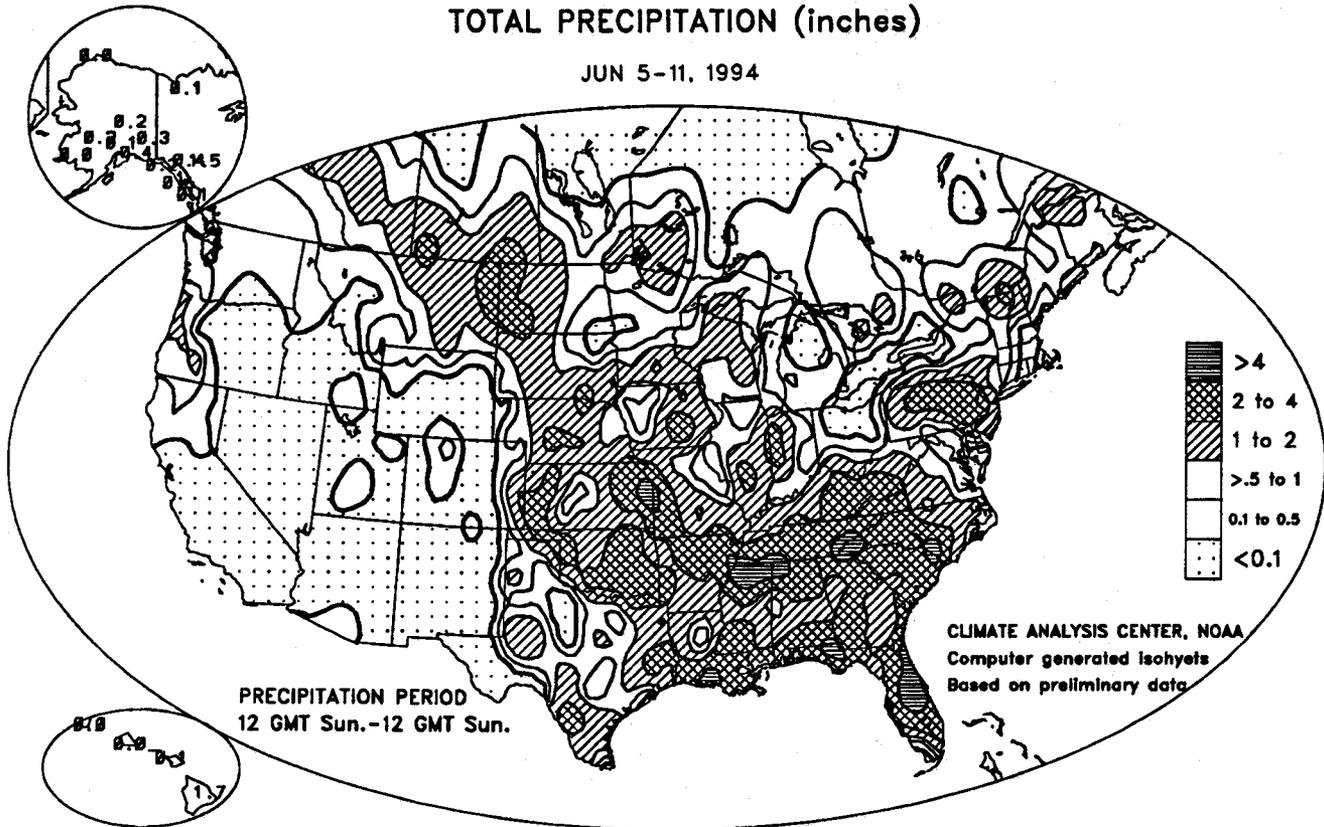
Volume 81, No. 24

Washington, D.C.

June 14, 1994

TOTAL PRECIPITATION (inches)

JUN 5-11, 1994



HIGHLIGHTS

June 5 - 11, 1994

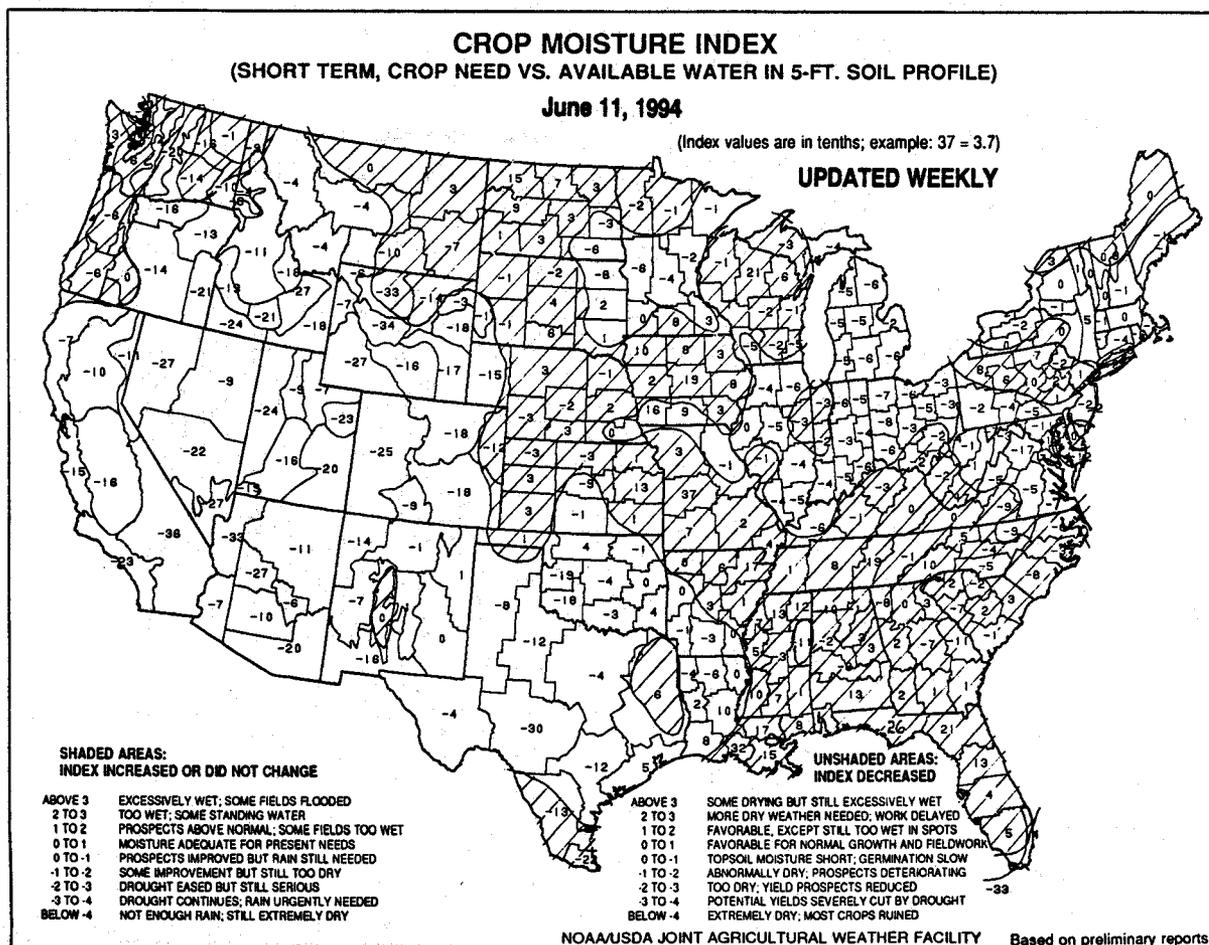
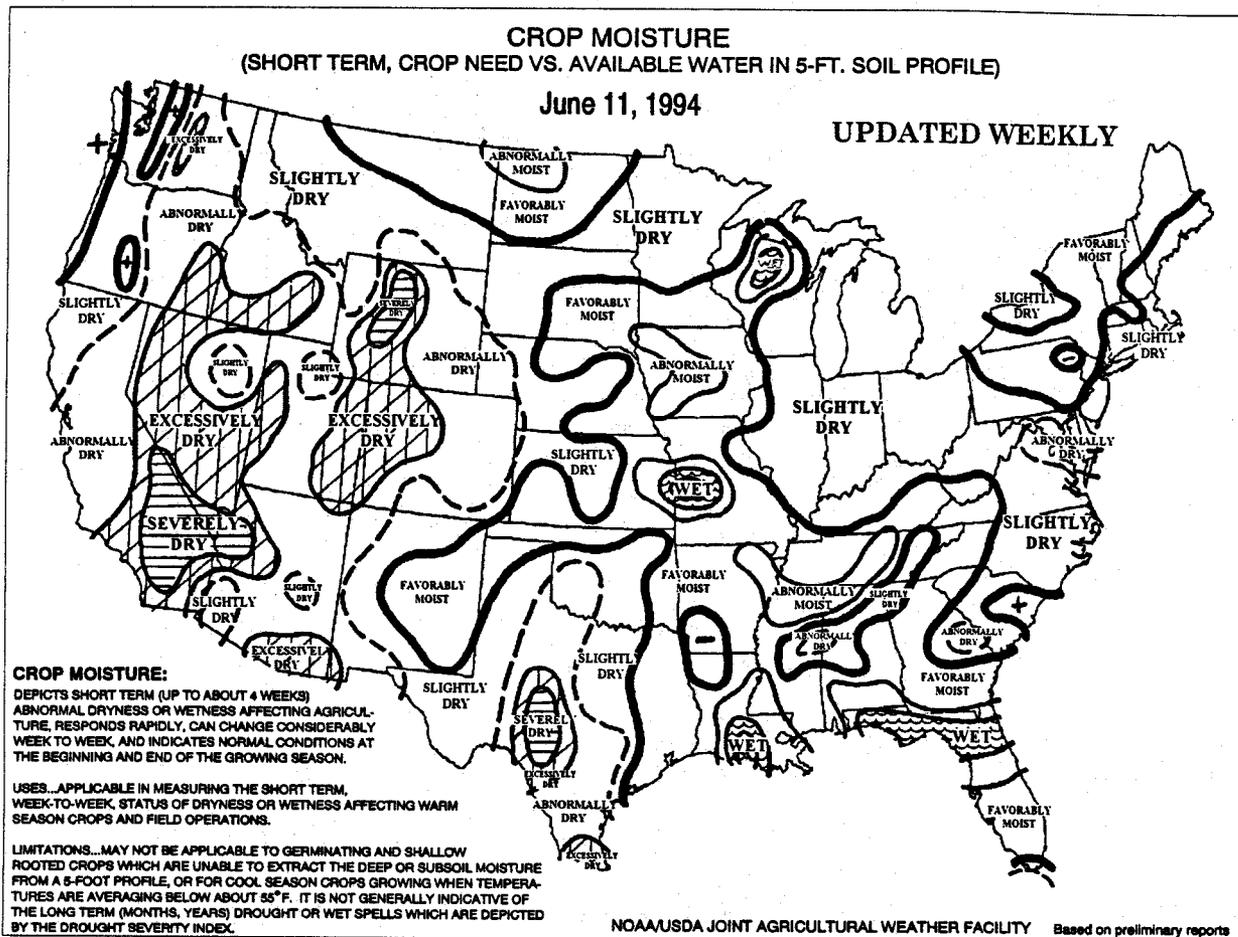
Thunderstorms along a quasi-stationary front eased dryness in the Southeast and moistened soils across the western Corn Belt and the northern and central Plains. Pockets of dryness lingered to the northeast of the front, while searing heat took hold in the Southwest. The week's most organized precipitation event unfolded on Tuesday, when a nearly solid band of rain extended from Montana to Florida. Thunderstorm clusters tended to sink southward and became less organized toward week's end. Weekly rainfall topped 2 inches in a broad swath from the east-central Plains to the Carolinas, as well as in Florida and along the Gulf coast. Specific weekly station totals in Florida included 6.26 inches in Orlando and 5.79 inches in Jacksonville. In the Mississippi Delta region, rainfall included 3.92 inches in New Orleans, LA and 2.96 inches in Memphis, TN. Across the formerly

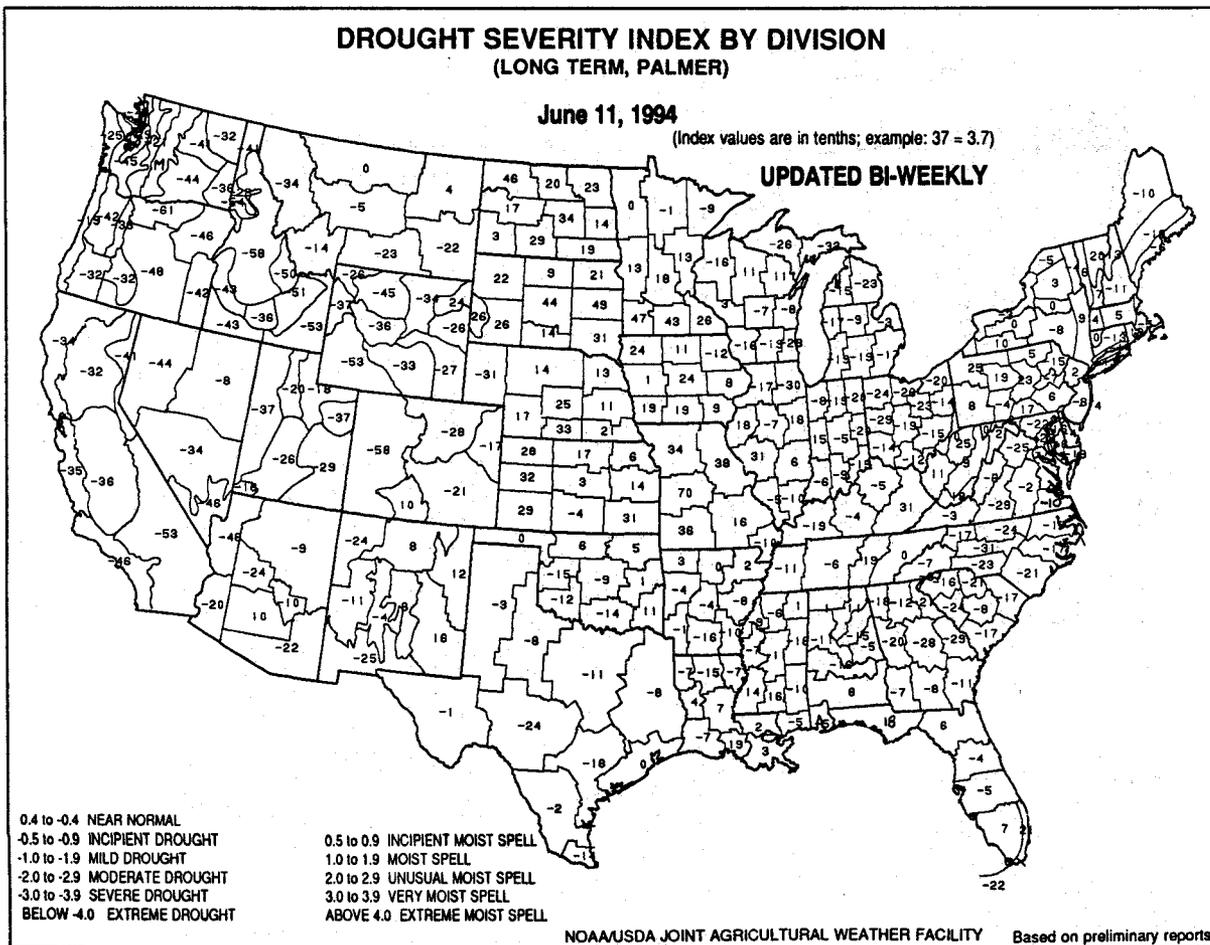
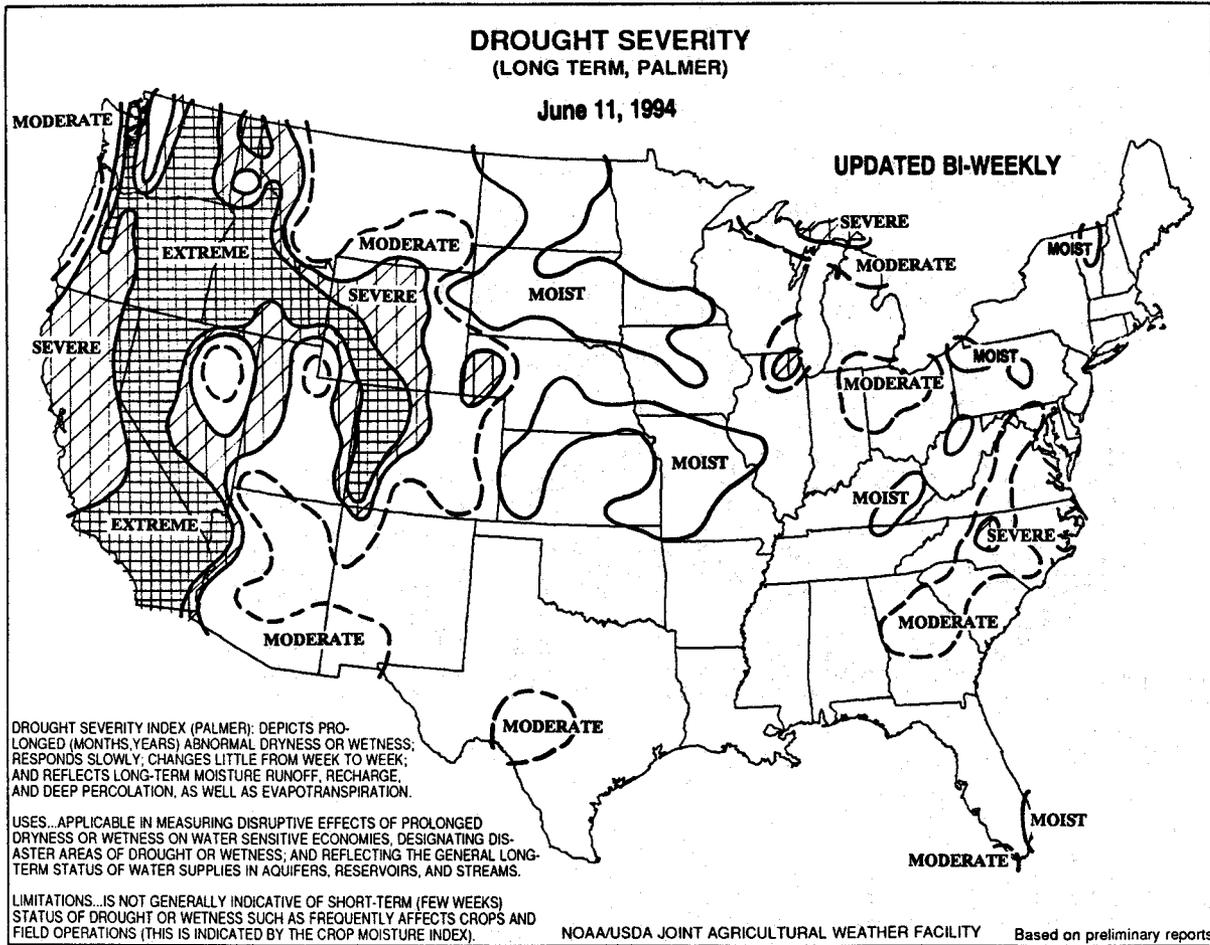
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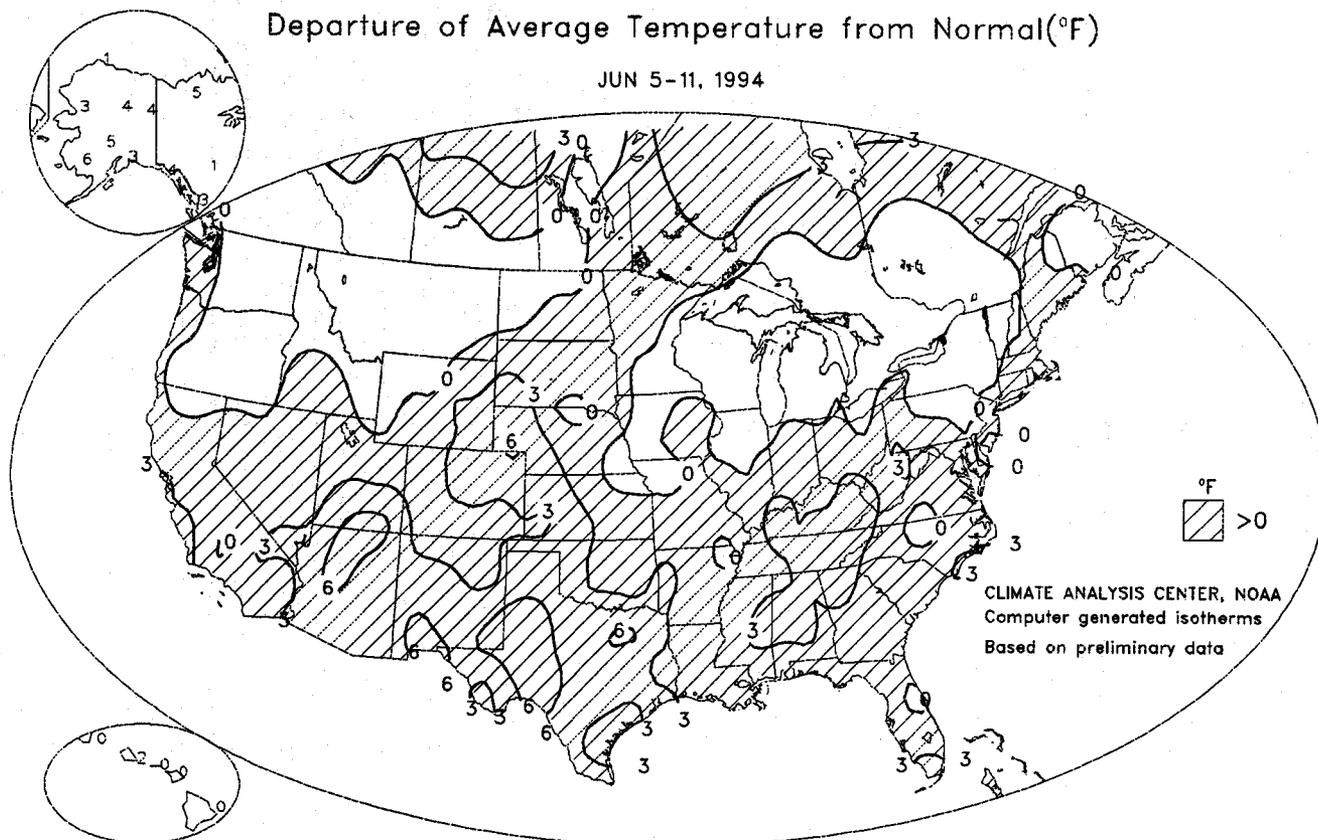
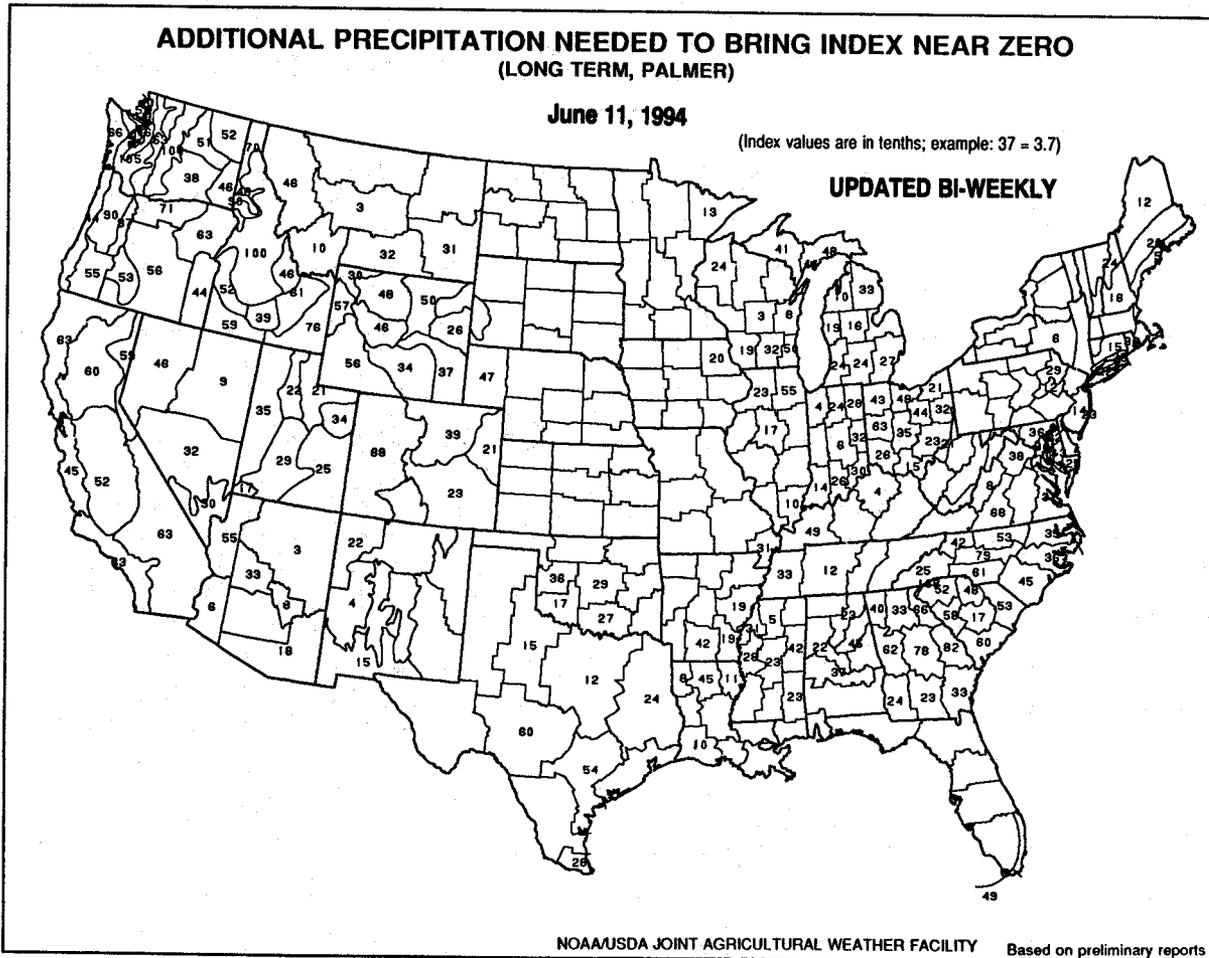
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National Weather Data for Selected Cities

Weather Data for the Week Ending June 11, 1994

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	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				
AL BIRMINGHAM	88	69	91	66	78	3	1.7	.9	1.2	2.4	175	27.5	101	94	57	1	2	0	0	4	1			
MOBILE	87	72	92	69	79	0	1.3	.1	1.6	1.6	86	23.9	83	97	64	0	0	0	4	1				
MONTGOMERY	90	71	94	69	81	4	1.8	.7	1.3	2.1	123	23.0	86	92	57	5	5	0	0	1	1			
AK ANCHORAGE	64	48	71	45	56	4	1.1	0.0	0.2	0.2	58	3.5	87	87	45	0	0	0	0	0				
BARROW	37	29	42	25	33	2	0.0	0.0	0.0	0.0	0	1.6	71	92	78	0	7	0	0	0				
FAIRBANKS	73	48	84	45	61	3	1.1	1.1	1.1	1.3	71	10.5	58	86	42	0	0	0	0	0				
JUNEAU	64	49	67	43	56	4	1.3	1.3	1.3	1.5	44	20.5	108	90	52	0	0	0	1	1				
KODIAK	51	45	55	44	48	0	1.7	1.0	1.0	1.8	95	44.3	153	96	77	0	0	0	4	1				
NOME	67	43	77	34	55	11	0.0	0.2	0.0	0.1	19	2.9	80	86	46	0	0	0	0	0				
AZ PHOENIX	105	74	110	72	90	3	0.0	0.0	0.0	0.0	0	2.5	97	33	8	7	7	0	0	0				
PRESCOTT	89	56	95	52	72	7	0.0	0.0	0.0	0.0	0	3.5	55	34	11	3	0	0	0	0				
TUCSON	105	68	109	66	87	5	0.0	0.0	0.0	0.0	0	2.7	100	34	8	7	7	0	0	0				
YUMA	106	76	112	70	91	5	0.0	0.0	0.0	0.0	0	0.7	71	34	11	7	0	0	0	0				
AR FORT SMITH	88	69	94	68	79	3	0.6	0.3	0.5	0.9	62	23.0	120	90	59	3	0	0	3	0				
LITTLE ROCK	87	68	92	67	78	2	2.5	1.5	1.9	2.7	162	27.3	120	96	61	3	0	0	2	2				
CA BAKERSFIELD	92	60	104	52	76	-1	0.0	0.0	0.0	0.0	0	4.2	112	56	12	3	0	0	0	0				
BUREA	64	50	66	45	57	2	0.2	0.1	0.2	0.6	242	19.3	93	95	65	0	0	0	1	0				
FRESNO	92	59	105	54	76	1	0.0	0.0	0.0	0.0	0	6.3	91	70	10	4	0	0	0	0				
LOS ANGELES	72	59	76	57	66	1	0.0	0.0	0.0	0.0	0	6.2	81	88	60	0	0	0	0	0				
REDDING	90	62	106	51	76	2	0.0	0.0	0.0	0.0	7	15.0	81	59	19	4	0	0	1	0				
SACRAMENTO	89	55	103	47	72	2	0.0	0.0	0.0	0.0	0	6.7	63	82	25	4	0	0	0	0				
SAN DIEGO	70	61	72	61	66	0	0.0	0.0	0.0	0.0	0	8.1	132	87	71	1	0	0	0	0				
SAN FRANCISCO	76	54	94	50	65	4	0.0	0.0	0.0	0.0	75	10.7	87	91	47	0	0	1	0					
CO DENVER	86	54	93	45	70	5	0.0	0.0	0.0	0.0	41	5.7	79	82	18	2	0	0	0	0				
GRAND JUNCTION	90	56	95	49	73	2	0.0	0.0	0.0	0.0	0	3.0	68	82	7	4	2	0	0	0				
PUEBLO	87	55	95	49	71	2	0.0	0.0	0.0	0.0	298	7.2	183	90	24	3	0	0	0	0				
CT BRIDGEPORT	78	59	87	54	68	3	0.0	0.0	0.0	0.0	2	20.3	107	81	43	0	0	0	2	0				
HARTFORD	80	54	84	45	67	0	0.2	0.0	0.2	0.2	15	21.8	111	80	38	0	0	0	1	0				
DC WASHINGTON	86	64	97	58	75	1	0.0	0.0	0.0	0.0	3	20.2	124	89	46	1	0	0	1	0				
FL APALACHICOLA	88	74	92	71	81	2	5.2	4.3	2.5	5.2	385	22.2	119	100	65	3	0	0	6	4				
DAYTONA BEACH	88	70	92	66	79	0	5.2	3.8	1.4	5.2	251	25.0	152	100	65	3	0	0	6	4				
JACKSONVILLE	89	71	93	69	80	2	5.8	4.6	1.7	6.2	338	20.5	111	99	65	4	0	0	6	5				
KEY WEST	90	80	92	75	85	2	0.0	-1.2	0.0	0.0	1	10.5	84	81	62	6	0	0	1	0				
MIAMI	91	76	96	72	83	3	1.6	-0.6	1.2	2.5	73	20.6	108	90	58	4	0	0	4	1				
ORLANDO	88	71	94	69	79	-1	6.3	4.7	2.5	6.8	281	21.5	132	98	67	3	0	0	7	4				
TALLAHASSEE	88	70	94	67	79	0	3.4	2.0	1.8	3.6	159	34.2	125	94	67	4	0	0	6	2				
TAMPA	90	76	92	72	83	3	1.4	0.2	1.4	1.4	79	9.7	69	91	58	6	0	0	3	1				
WEST PALM BEACH	89	72	94	70	80	0	3.4	1.5	1.0	5.3	177	29.3	140	97	61	2	0	0	6	3				
GA ATLANTA	88	71	92	70	80	5	0.3	-0.5	0.2	0.3	23	20.8	83	94	59	3	0	0	4	0				
AUGUSTA	86	70	92	68	78	2	1.3	0.3	0.8	1.3	90	18.0	84	97	66	1	0	0	6	1				
MACON	86	70	90	68	78	1	1.8	1.0	1.1	2.4	190	20.6	92	99	66	1	0	0	4	1				
SAVANNAH	88	71	91	70	80	2	2.6	1.3	1.8	3.2	167	20.7	105	96	60	3	0	0	4	2				
HI HILO	83	69	83	66	76	1	1.7	0.3	0.9	2.1	90	70.3	114	93	69	0	0	0	7	1				
HONOLULU	88	74	88	73	81	2	0.0	-0.1	0.0	0.0	0	11.2	103	76	48	0	0	0	0	0				
KAHULUI	85	70	87	70	78	0	0.1	0.0	0.1	0.1	83	7.7	61	75	56	0	0	0	1	0				
LIHUE	82	72	83	71	77	0	0.0	-0.4	0.0	0.0	0	17.0	82	85	69	0	0	0	0	0				
ID BOISE	80	49	96	34	65	1	0.0	-0.2	0.0	0.0	71	4.9	76	63	18	2	0	0	0	0				
LEWISTON	74	50	85	43	62	-3	0.2	-0.1	0.1	0.4	70	5.0	80	72	33	0	0	0	2	0				
POCATELLO	77	43	89	38	60	0	0.1	-0.2	0.0	0.1	17	4.1	66	94	19	0	0	0	2	0				
IL CHICAGO	80	50	90	40	65	-2	0.2	-0.7	0.2	0.2	15	8.7	62	79	37	1	0	0	2	0				
MOLINE	82	55	92	51	69	-1	1.3	0.3	0.6	1.5	97	10.1	65	91	32	2	0	0	4	1				
PEORIA	82	57	93	49	70	0	0.1	-0.8	0.1	0.4	26	9.3	63	85	46	2	0	0	1	0				
QUINCY	80	62	89	57	71	0	0.4	-0.5	0.4	0.8	56	10.2	65	85	53	0	0	0	2	0				
ROCKFORD	82	52	91	44	67	0	0.2	-0.8	0.2	0.2	14	9.5	69	85	34	1	0	0	2	0				
SPRINGFIELD	82	61	94	54	71	0	2.8	2.0	2.4	3.9	309	19.4	129	87	43	2	0	0	3	1				
IN EVANSVILLE	88	66	93	61	77	3	0.2	-0.7	0.1	0.5	35	14.6	68	83	34	2	0	0	2	0				
FORT WAYNE	83	56	92	47	70	1	0.5	-0.4	0.4	0.5	35	13.0	88	79	35	2	0	0	3	0				
INDIANAPOLIS	83	62	91	57	73	2	0.1	-0.7	0.1	0.1	11	12.8	73	73	40	2	0	0	2	0				
SOUTH BEND	83	52	88	44	67	0	0.3	-0.6	0.2	0.3	21	8.7	55	77	34	0	0	0	2	0				
IA DES MOINES	79	59	90	53	69	1	1.1	0.0	0.6	2.3	134	9.8	72	91	44	1	0	0	3	1				
SIOUX CITY	80	59	88	52	70	1	1.3	0.4	1.0	1.6	118	6.7	63	89	42	0	0	0	3	1				
WATERLOO	81	57	91	46	69	2	0.2	-0.8	0.1	0.2	12	7.2	55	91	38	1	0	0	2	0				
KS CONCORDIA	81	61	91	55	71	0	1.4	-0.4	0.9	1.7	98	5.8	49	92	56	1	0	0	3	2				
DODGE CITY	89	61	102	53	75	3	0.5	-0.3	0.3	0.5	41	4.2	47	93	38	3	0	0	2	0				
GOODLAND	83	57	91	55	70	3	0.8	0.0	0.6	0.8	67	5.7	72	95	44	2	0	0	4	1				
TOPEKA	81	63	89	59	72	0	0.3	-1.1	0.2	0.5	25	7.2	51	94	60	2	0	0	3	0				
WICHITA	85	65	94	62	75	2	0.7	-0.6	0.7	2.3	109	7.2	52	91	56	2	0	0	1	1				
KY BOWLING GREEN	86	65	93	61	75	3	2.5	1.5	1.3	2.8	178	30.4	127	98	63	1	0	0	4	2				
LEXINGTON	83	62	87	58	73	2	0.8	0.0	0.8	0.8	63	26.6	132	91	52	0	0	0	2	1				
LOUISVILLE	85	63	90	56	74	2	0.2	-0.6	0.1	0.3	24	18.7	89	90	54	1	0	0	3	0				
LA BATON ROUGE	87	72	92	70	80	0	2.9	2.0	0.9	3.0	199	30.9	114	100	70	3	0	0	5	3				
LAKE CHARLES	90	74	93	73	82	3	1.1	-0.1	0.6	2.3	123	15.6	70	98	66	4	0	0	4	1				
NEW ORLEANS	90	72	94	69	81	2	3.9	2.6	1.9	4.3	211	19.4	72	95	59	4	0	0	5	2				
SHERVEPORT	91	70	93	64	81	4	1.2	0.1	0.7	1.3	76	23.1	97	97	59	5	0	0	2	2				

Based on 1961-90 normals.

Weather Data for the Week Ending June 11, 1994

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 Jun 1	PCT. NORMAL SINCE Jun 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	92 AND BELOW	TEMP. °F		PRECIP.	
																		.01 INCH OR MORE	.50 INCH OR MORE	.01 INCH OR MORE	.50 INCH OR MORE
ME CARIBOU	70	45	80	38	58	-1	1.0	.3	.4	1.2	117	16.7	125	79	39	0	0	4	0		
PORTLAND	74	48	84	43	61	1	1.1	.8	.5	1.3	20	21.4	110	85	45	0	0	1	0		
MD BALTIMORE	84	61	95	53	72	2	1.1	.1	.1	.1	7	23.0	129	90	44	1	0	2	0		
GALIBURRY	84	58	90	48	71	1	1.0	.8	.0	.0	0	22.2	114	90	42	1	0	0	0		
MA BOSTON	79	58	85	55	69	3	1.1	.7	.1	.1	6	23.4	124	74	40	0	0	2	0		
CHATHAM	66	55	71	51	61	1	1.4	.3	.4	.4	36	26.2	129	90	66	0	0	1	0		
MI ALPENA	74	43	81	37	58	-1	1.2	.5	.1	.3	17	8.7	78	94	37	0	0	2	0		
DETROIT	82	54	87	44	68	2	1.2	.6	.2	.2	15	11.9	90	78	30	0	0	1	0		
FLINT	79	47	85	36	63	-1	1.1	.6	.1	.1	12	10.3	89	81	34	0	0	3	0		
GRAND RAPIDS	79	49	87	40	64	-1	1.6	.3	.6	.6	44	12.3	90	87	34	0	0	2	1		
HOUGHTON LAKE	77	46	84	35	61	1	1.1	.7	.7	.7	4	9.1	86	81	34	0	0	1	0		
LANSING	79	44	86	33	61	-3	1.4	.4	.4	.4	34	10.1	84	95	35	0	0	2	0		
MARQUETTE	66	45	75	35	55	-2	1.7	.1	.5	.7	53	9.7	71	86	47	0	0	3	0		
MUSKOGON	76	47	86	41	62	-1	1.2	.4	.2	.2	23	10.6	83	85	37	0	0	1	0		
SAULT ST. MARIE	70	41	80	32	55	-1	1.1	.7	.0	.1	5	10.1	79	85	41	0	1	2	0		
MN ALEXANDRIA	76	56	84	44	66	2	1.1	.0	.0	.1	8	6.2	65	85	39	0	0	0	0		
DULUTH	68	48	80	37	58	0	1.4	.5	.2	.5	36	10.1	96	85	41	0	0	3	0		
INT'L FALLS	71	49	79	37	60	1	1.1	.2	1.0	1.1	78	5.5	69	90	50	0	0	4	1		
MINNEAPOLIS	75	55	85	46	65	-1	1.5	.5	.9	2.0	132	10.2	92	84	46	0	0	4	1		
ROCHESTER	74	54	84	44	64	-1	1.4	.6	.9	1.4	110	11.9	110	92	46	0	0	4	1		
MS GREENWOOD	91	69	93	66	80	2	2.9	1.9	.9	2.9	179	22.3	82	95	53	6	0	5	3		
JACKSON	90	69	92	66	80	3	2.1	1.3	1.8	2.2	167	28.8	101	93	57	4	0	3	1		
MERIDIAN	92	71	95	67	82	5	3.0	2.2	2.0	3.5	275	33.9	119	93	53	6	0	4	2		
MO CAPE GIRARDEAU	84	67	91	62	75	1	1.3	.4	.7	1.3	91	20.0	90	96	57	2	0	4	1		
COLUMBIA	81	61	90	58	71	1	1.7	.3	.4	1.2	79	19.5	119	97	65	1	0	4	0		
KANSAS CITY	80	62	89	58	71	0	1.6	.5	1.3	1.7	94	12.4	85	94	60	0	0	3	1		
SAINT LOUIS	84	66	91	61	75	2	1.7	.9	.8	1.7	56	17.7	108	86	42	2	0	1	0		
SPRINGFIELD	81	64	90	58	73	2	2.6	1.4	1.2	3.1	154	24.4	133	93	53	1	0	5	3		
MT BILLINGS	76	48	88	41	62	0	1.7	.1	.5	1.0	119	5.8	73	72	27	0	0	5	0		
GLASGOW	73	47	83	42	60	-2	1.4	.9	1.2	1.6	201	5.4	125	93	41	0	0	3	1		
GREAT FALLS	72	43	79	39	58	-2	1.7	.6	.7	2.2	22	5.2	69	83	30	0	0	2	0		
HAVRE	73	47	83	43	60	-2	1.7	1.2	1.2	2.1	318	3.0	63	84	31	0	0	3	1		
HELENA	74	44	83	38	59	-1	1.7	.5	.7	2.2	20	3.8	71	82	26	0	0	1	0		
KALISPELL	66	38	74	32	52	-4	1.7	.1	.4	1.3	151	6.2	83	97	42	0	1	4	0		
MILES CITY	77	50	90	43	64	-1	1.7	.0	.3	.8	73	4.9	77	94	34	1	0	3	0		
MISSOULA	71	39	81	34	55	-3	1.2	.3	.1	.5	71	6.6	102	93	35	0	0	4	0		
NE GRAND ISLAND	81	60	94	56	71	1	2.4	1.5	1.4	2.4	162	8.2	75	92	43	2	0	3	2		
LINCOLN	79	60	88	53	70	-1	1.8	.9	1.7	2.1	141	6.5	57	97	52	0	0	4	1		
NORFOLK	81	59	89	50	70	2	1.8	.3	.7	1.1	64	5.8	54	89	39	0	0	2	1		
NORTH PLATTE	83	55	92	51	69	4	3.5	2.7	1.3	3.6	282	7.1	81	94	42	1	0	3	3		
OMAHA	80	60	90	55	70	0	1.6	.7	.9	4.3	281	9.6	79	--	--	1	0	3	1		
SCOTTSBLUFF	85	52	98	41	69	4	1.7	.6	.7	2.2	19	5.3	72	81	21	3	0	0	0		
VALENTINE	82	52	90	43	67	0	1.4	.4	.4	.5	38	4.5	49	77	31	1	1	1	0		
NV ELY	80	37	90	29	59	1	1.0	.0	.0	.0	0	5.4	112	83	12	1	2	0	0		
LAS VEGAS	100	71	108	66	86	3	1.0	.0	.0	.0	0	.7	35	29	7	7	0	0	0		
RENO	83	49	95	40	66	3	1.0	.1	.0	.0	0	3.1	76	85	13	2	0	0	0		
WINNEVOCCA	82	42	97	35	62	0	1.0	.2	.0	.0	0	4.4	104	94	10	2	0	0	0		
NH CONCORD	79	46	82	39	62	0	1.7	.7	.7	.2	15	16.2	108	95	38	0	0	0	0		
NJ ATLANTIC CITY	80	55	91	48	67	0	1.2	.4	.1	.1	2	22.7	126	89	48	1	0	0	0		
NM ALBUQUERQUE	93	62	96	59	78	5	1.0	.1	.0	.0	0	2.8	109	36	8	7	0	0	0		
CLOVIS	93	62	97	59	77	6	1.6	.1	.6	.9	91	5.4	105	67	20	5	0	1	1		
ROSWELL	98	65	101	60	82	5	1.7	.3	.7	1.1	20	5.0	156	50	14	7	0	1	0		
NY ALBANY	77	51	80	46	64	-1	1.2	.7	.1	.3	20	16.3	107	85	37	0	0	3	0		
BINGHAMTON	72	51	76	41	62	-1	1.1	.3	1.0	1.3	98	17.2	112	86	50	0	0	2	1		
BUFFALO	76	53	82	44	64	0	1.1	.8	.7	.7	3	14.6	97	82	40	0	0	3	0		
NEW YORK	82	63	88	59	73	4	1.3	.6	.2	.3	20	20.9	114	76	41	0	0	3	0		
ROCHESTER	75	50	82	44	62	-1	1.7	.7	.7	.7	0	12.7	98	79	45	0	0	0	0		
SYRACUSE	75	50	80	44	62	-1	1.7	.7	.7	.7	1	18.8	123	93	46	0	0	0	0		
NC ASHEVILLE	79	63	83	60	71	3	1.6	.4	.8	1.6	87	24.6	100	100	67	0	0	5	1		
CHARLOTTE	84	69	87	67	76	2	1.3	.5	.6	1.3	105	16.2	82	92	60	0	0	4	1		
GREENSBORO	78	65	84	62	71	2	1.5	.4	.3	.6	40	14.9	81	96	69	0	0	5	0		
HATTERAS	83	68	84	59	75	3	1.6	.4	.4	.7	50	24.1	106	91	62	0	0	2	0		
NEW BERN	85	68	89	62	76	2	1.3	.9	.3	.6	34	17.6	80	95	53	0	0	3	0		
RALEIGH	80	66	85	63	73	0	1.8	.0	.6	.8	61	16.9	90	96	70	0	0	4	1		
WILMINGTON	86	59	90	64	78	3	1.5	.4	1.4	1.5	92	23.5	106	98	57	1	0	2	1		
ND BISMARCK	73	54	83	49	63	1	1.1	.5	.6	2.2	223	5.5	84	92	46	0	0	5	1		
FARGO	76	55	83	49	65	2	1.3	.4	.2	.8	80	6.5	87	83	42	0	0	3	0		
GRAND FORKS	76	53	85	47	64	2	1.3	.4	.2	.4	37	4.5	68	92	41	0	0	3	0		
WILLISTON	71	51	81	45	61	-2	2.9	2.4	2.2	3.2	391	9.4	163	92	49	0	0	5	2		
OK ARROW-CANTON	79	53	85	43	66	0	1.2	.5	.2	.2	17	18.2	116	84	40	0	0	1	0		
CINCINNATI	84	61	88	56	72	3	1.2	.3	1.1	1.2	82	16.8	89	94	48	0	0	2	1		
CLEVELAND	78	52	89	42	65	-1	1.7	.8	.7	.7	2	10.1	67	83	36	0	0	1	0		
COLUMBUS	84	57	90	50	71	4	1.7	.9	.7	.7	1	12.7	78	85	36	1	0	0	0		
DAYTON	83	59	89	51	71	2	1.6	.3	.6	.6	44	15.9	96	78	36	0	0	2	1		

Based on 1961-90 normals.

Weather Data for the Week Ending June 11, 1994

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	80 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
TOLEDO	82	50	89	40	66	0					0	12.7	95	83	31	0	0	0	0	
YOUNGSTOWN	80	50	86	41	65	0					8	16.1	105	84	37	0	0	0	0	
OK OKLAHOMA CITY	86	68	93	62	77	2					40	12.7	84	94	60	3	0	3	1	
TULSA	85	68	92	65	77	1	1.1	.1	.6	2.7	147	18.3	101	95	63	3	0	3	1	
OR ASTORIA	64	49	68	43	56	0	.5	.1	.2	1.0	97	32.5	98	98	58	0	0	4	0	
BURNS	71	38	85	25	55	-1	.3	.2	.3	.3	11	2.5	52	73	20	0	2	1	0	
MEDFORD	79	47	95	38	63	-1	.1	.1	.1	.1	37	4.9	55	94	30	2	0	2	0	
PENDLETON	74	51	85	44	62	-2	.2	.0	.2	.6	229	7.5	121	75	32	0	0	1	0	
PORTLAND	72	52	84	46	62	0	1.2	.8	.9	1.3	197	14.0	79	89	43	0	0	2	1	
SALEM	75	48	86	40	61	2	.8	.4	.5	.9	149	15.7	80	90	38	0	0	3	0	
PA ALLENTOWN	80	57	86	48	68	0	1.9	1.1	1.9	1.9	139	22.2	120	88	44	0	0	2	1	
ERIE	76	52	84	44	64	-1	.1	.9	.1	.1	7	13.9	89	84	41	0	0	1	0	
HARRISBURG	81	58	88	52	70	1	.7	.2	.6	.5	48	21.5	119	87	47	0	0	2	1	
PHILADELPHIA	83	62	91	57	73	4	.5	.5	.5	.7	33	21.1	107	82	43	1	0	2	0	
PITTSBURGH	83	56	88	48	70	3	.1	.8	.1	.1	7	17.4	106	77	36	0	0	1	0	
SCRANTON	75	53	81	42	64	-1	.5	.4	.4	.7	50	16.6	111	89	46	0	0	3	0	
RI PROVIDENCE	76	55	84	50	65	1	.3	.5	.3	.3	20	20.2	98	85	48	0	0	1	0	
SC CHARLESTON	86	71	89	69	78	1	3.7	2.3	2.6	3.9	179	19.7	99	96	66	0	0	5	2	
COLUMBIA	87	71	93	70	79	3	3.2	2.1	2.3	4.1	250	19.1	87	92	54	1	0	5	1	
FLORENCE	86	71	89	68	78	2	1.2	.2	.7	1.6	107	16.8	90	97	62	0	0	5	1	
GREENVILLE	83	67	87	64	75	1	3.6	2.5	1.7	4.3	250	20.5	86	96	61	0	0	4	2	
SD ABERDEEN	80	57	89	51	68	4	.2	.5	.2	.3	25	4.6	56	86	39	0	0	3	0	
HURON	78	55	86	48	67	1	1.2	.4	1.0	2.2	178	8.5	96	91	46	0	0	5	1	
RAPID CITY	80	51	85	38	66	3	.2	.6	.1	.1	15	4.4	57	74	31	0	0	3	0	
SIoux FALLS	78	58	90	53	68	2	2.8	2.0	2.0	3.0	233	9.4	97	89	45	1	0	3	1	
TX CHATTAROOGA	86	68	89	66	77	4	1.1	.3	.4	1.4	107	35.2	137	96	63	0	0	4	0	
KNOXVILLE	85	67	89	64	76	4	1.2	.3	.8	1.3	88	39.9	177	96	61	0	0	5	1	
MEMPHIS	88	70	91	67	79	2	2.0	2.1	1.4	3.1	222	26.9	106	93	59	1	0	4	3	
NASHVILLE	85	69	89	67	77	3	2.5	1.6	2.0	2.5	182	30.1	132	96	61	0	0	4	1	
TX ARLINE	86	72	101	61	84	3	.2	.7	.3	.3	0	14.4	151	87	39	6	0	0	0	
AMARILLO	93	62	100	57	77	5	.8	.0	.7	.8	61	5.7	82	80	28	4	0	2	1	
AUSTIN	95	74	98	72	85	4	.2	.0	.7	.8	0	10.6	73	92	45	7	0	0	0	
BRAUNSBURG	91	75	93	73	83	3	.9	.7	.8	1.1	51	27.3	120	98	64	6	0	2	1	
BROWNSVILLE	95	77	96	74	86	3	.2	.7	.8	.9	4	6.3	72	92	53	7	0	1	0	
CORPUS CHRISTI	92	74	94	73	83	2	.2	.7	.2	.9	67	12.5	114	97	60	7	0	1	0	
DEL RIO	100	76	105	69	88	7	.0	.7	.0	.0	0	9.6	93	88	47	7	0	0	0	
EL PASO	102	73	107	67	88	8	.2	.1	.7	.7	419	2.8	155	36	11	7	0	0	0	
FORT WORTH	94	75	99	68	84	7	.5	.4	.4	.5	31	15.0	85	89	54	6	0	2	0	
GALVESTON	89	80	90	78	84	4	.4	.7	.4	.9	53	10.1	65	89	70	3	0	1	0	
HOUSTON	94	74	96	70	84	5	.6	.9	.6	1.5	66	15.9	74	97	61	7	0	1	0	
LOBBOCK	97	67	103	62	82	6	.3	.3	.3	.3	33	8.1	130	87	26	6	0	1	0	
MIDLAND	102	69	106	63	86	7	1.0	.7	1.0	1.0	175	3.4	67	87	19	7	0	1	1	
SAN ANGELO	99	70	107	63	85	6	.8	.1	.4	.8	75	7.1	84	88	35	7	0	3	0	
SAN ANTONIO	97	74	99	71	86	5	.1	.9	.1	1.1	4	16.6	124	87	41	7	0	2	0	
VICTORIA	92	75	94	74	83	4	.1	1.0	.1	1.5	85	15.0	86	96	57	6	0	2	0	
WACO	94	74	97	67	84	4	1.0	.1	.9	1.0	73	17.4	114	91	50	7	0	2	1	
WICHITA FALLS	94	69	103	64	82	5	.2	1.0	.2	.2	0	6.2	42	90	47	6	0	0	0	
UT CEDAR CITY	86	49	93	43	68	3	.0	.1	.0	.0	0	3.9	77	33	9	2	0	0	0	
SALT LAKE CITY	84	51	94	46	67	1	.2	.3	.2	.2	0	7.7	90	94	14	2	0	0	0	
VT BURLINGTON	76	49	83	42	62	-1	1.2	.4	1.2	1.4	113	15.7	123	87	40	0	0	3	1	
VA NORFOLK	83	68	90	61	76	3	.5	.3	.4	.6	42	22.7	119	84	52	1	0	3	0	
RICHMOND	83	64	91	60	74	2	.1	.7	.1	1.1	10	20.7	115	82	18	1	0	4	0	
ROANOKE	79	63	92	58	71	1	.4	.3	.3	.4	37	23.3	133	95	58	1	0	6	0	
WA QUILLAYUTE	63	46	65	42	54	0	.9	.1	.5	1.2	92	50.5	96	98	61	0	0	3	1	
SEATTLE-TACOMA	69	51	76	49	60	0	.3	.1	.2	.4	69	14.3	81	89	50	0	0	2	0	
SPOKANE	70	45	80	41	58	-2	.5	.1	.4	.5	100	5.8	72	90	38	0	0	2	0	
YAKIMA	74	45	85	36	59	-4	.3	.2	.2	.3	155	3.9	103	90	39	0	0	4	0	
WV BECKLEY	76	59	82	56	68	3	2.5	1.7	2.4	2.5	188	26.9	150	96	61	0	0	5	1	
CHARLESTON	83	60	87	52	72	2	1.9	1.1	1.0	1.9	154	29.4	163	95	59	0	0	4	2	
HUNTINGTON	83	60	88	52	72	4	.3	.4	.2	.3	28	25.6	138	90	54	0	0	3	0	
PARKERSBURG	83	58	86	52	70	1	.5	.4	.5	.5	37	25.1	136	95	44	0	0	1	0	
WI GREEN BAY	74	50	80	42	62	0	.9	.1	.5	.9	72	12.2	114	88	46	0	0	2	1	
LACROSSE	77	55	85	43	66	-1	...	...	...	...	...	...	...	93	41	0	0	0	0
MADISON	78	51	86	37	64	-1	.6	.3	.3	.6	43	9.1	75	80	35	0	0	3	0	
MILWAUKEE	75	52	87	46	64	1	.4	.4	.1	.4	31	10.3	78	87	42	0	0	3	0	
WAUSAU	73	50	80	39	61	-1	.5	.5	.5	.5	34	7.6	66	89	40	0	0	2	0	
WY CASPER	83	45	93	40	64	4	.2	.4	.2	.2	2	2.9	46	94	10	3	0	0	0	
CHEYENNE	79	47	85	36	63	4	.2	.5	.2	1.1	131	6.6	105	94	19	0	0	1	0	
LANDER	80	46	89	40	63	2	.2	.4	.2	.2	6	4.4	61	53	13	0	0	0	0	
SHERIDAN	74	46	90	35	60	0	.9	.3	.6	1.0	105	7.1	96	76	31	1	0	2	1	

Based on 1961-90 normals.

CUMULATIVE GROWING DEGREE DAYS (CORN) March 1 - June 11, 1994

STATES AND STATIONS	TOTAL	DEP. FROM NORMAL	STATES AND STATIONS	TOTAL	DEP. FROM NORMAL	STATES AND STATIONS	TOTAL	DEP. FROM NORMAL
AL ANNISTON	1670	+ 125	RUSSELL	1265	+ 243	YOUNGSTOWN	659	- 8
BIRMINGHAM	1668	+ 101	BALINA	1289	+ 212	ZANESVILLE	802	- 54
MOBILE	2016	+ 66	TOPEKA/BILLARD	1195	+ 113	OK ALTUS	1642	+ 30
MONTGOMERY	1918	+ 243	WICHITA	1319	+ 87	GAGE	1431	+ 160
MUSCLE SHOALS	1556	+ 110	KY LEKINGTON	1034	- 30	HOBART	1533	+ 118
OZARK	1924	+ 90	BOWLING GREEN	1230	+ 13	MCALISTER	1606	+ 108
TUSCALOOSA	1764	+ 101	PADUCAH	1309	+ 23	PONCA CITY	1533	+ 225
AZ DOUGLAS	1663	+ 195	LA LAFAYETTE	2102	+ 104	TULSA	1503	+ 74
PHOENIX	2211	+ 296	LAKE CHARLES	2119	+ 151	OR BAKER	730	+ 188
TUCSON	1967	+ 242	MONROE	1951	+ 193	EUGENE	814	+ 194
YUMA	2434	+ 376	NEW ORLEANS	2107	+ 100	NORTH BEND	530	+ 164
PRESCOTT	1108	+ 215	SHEVEPORT	1871	+ 74	PENDLETON	904	+ 188
AR EL DORADO	1737	+ 97	ME AUGUSTA	387	- 43	REDMOND	692	+ 115
FAYETTEVILLE	1361	+ 127	CARIBOU	293	- 2	PORTLAND	893	+ 273
FORT SMITH	1649	+ 181	HOULTON	329	- 21	SALEM	891	+ 278
JOHNSBORO	1505	+ 49	PORTLAND	406	+ 14	SEKTON SUMMIT	386	+ 48
LITTLE ROCK	1647	+ 92	MD SALISBURY	1103	+ 130	PA ALLENTOWN	845	+ 86
TEKARANA	1776	+ 79	MA WORCESTER	512	+ 2	PHILADELPHIA	1049	+ 205
CA BAKERSFIELD	1634	+ 102	MI GRAND RAPIDS	668	-	WILLIAMSPORT	795	+ 59
BLUE CANYON	407	+ 25	JACKSON	688	+ 19	SC BEAUFORT	1995	+ 216
DOGETT	1888	+ 230	LANSING	671	- 32	CHARLESTON	1911	+ 212
HURKA	550	+ 272	MUSKOGON	512	- 27	COLUMBIA	1835	+ 196
PATFIELD	1320	+ 186	PELLSTON	467	+ 38	FLORENCE	1789	+ 169
FRESNO	1583	+ 239	SAULT STE. MARIE	326	+ 4	SUMTER/SHAW AFB	1714	+ 44
MARYSVILLE	1505	+ 191	TRAVERSE CITY	539	+ 42	SD ABERDEEN	858	+ 272
MT SHASTA	711	+ 140	MI DULUTH	434	+ 103	HURON	839	+ 170
PALO ROBLE	1388	+ 240	INT'L FALLS	503	+ 88	PIERRE	933	+ 238
RED BLUFF	1417	+ 130	MINNEAPOLIS	722	-	RAPID CITY	900	+ 278
RIVERSIDE	1417	- 26	ROCHESTER	674	-	SIOUX FALLS	910	+ 214
SANTA ANA	1583	+ 309	ALEXANDRIA	645	+ 128	WATERLOO	687	+ 138
SAN DIEGO	1234	+ 78	MS BILOXI	2100	+ 122	TM BRISTOL	1154	+ 40
SACRAMENTO	1360	+ 176	COLUMBUS	1922	+ 323	CHATTANOOGA	1489	+ 136
THERMAL	2137	+ 92	JACKSON	1786	+ 101	CROSSVILLE	1189	+ 204
CO ALAMOSA	640	+ 77	MERIDIAN	1925	+ 218	MEMPHIS	1723	+ 189
DENVER	1084	+ 330	GREENWOOD	1836	+ 164	NAHVILLE	1377	+ 26
EAGLE	676	+ 81	MO COLUMBIA	1086	+ 70	TX ABILENE	1779	+ 59
GRAND JUNCTION	1184	+ 184	JOPLIN	1351	+ 114	AMARILLO	1314	+ 107
LA JUNTA	1245	+ 182	SPRINGFIELD	1266	+ 120	AUSTIN	2121	+ 133
DE DOVER	911	- 123	VICRY	1140	+ 32	BROWNSVILLE	2533	+ 38
WILMINGTON	967	+ 90	MT HELENA	701	+ 231	COLLEGE STATION	2080	+ 132
FL DAYTONA BEACH	2263	+ 174	KALISPELL	535	+ 44	DALHART	1297	+ 172
FORT MYERS	2649	+ 276	MILES CITY	874	+ 247	DEL RIO	2299	+ 195
GAINESVILLE	2105	+ 2	ME GRAND ISLAND	1062	+ 213	DALLAS/FT WORTH	1885	+ 128
JACKSONVILLE	2081	+ 113	MORFOLK	1057	+ 263	GALVESTON	2297	+ 251
FORT LAUDERDALE	2870	+ 364	NORTH PLATTE	1048	+ 274	HOUSTON/INTCNL	2192	+ 222
MIAMI	2862	+ 259	VALENTINE	981	+ 206	KINGSVILLE/MAS	2454	+ 83
MILTON	2008	+ 110	SCOTTSBLUFF	1042	+ 308	LARDO	2555	+ 110
PENSACOLA	2081	+ 122	SIDNEY	969	+ 318	LUBBOCK	1616	+ 172
ST PETERSBURG	2535	+ 119	ILKO	768	+ 169	MCALLEN	2643	+ 199
TALLAHASSEE	2067	+ 146	ELY	724	+ 190	MIDLAND	1775	+ 25
TAMPA	2500	+ 237	LAS VEGAS	2019	+ 386	PALACIOS	2183	+ 60
VERO BEACH	2492	+ 228	RENO	1013	+ 218	SAN ANTONIO	2220	+ 158
GA W. PALM BEACH	2665	+ 160	WINDERMUCCA	977	+ 233	VICTORIA	2225	+ 139
ATHENS	1638	+ 172	NH CONCORD	608	+ 35	WACO	1906	+ 25
AUGUSTA	1762	+ 144	NJ NEWARK	1020	+ 200	WICHITA FALLS	1653	+ 35
BRUNSWICK	2044	+ 159	NM ALBUQUERQUE	1378	+ 193	WINK	1905	+ 154
COLUMBUS/METRO	1890	+ 181	CARLSBAD	1903	+ 264	UT CEDAR CITY	956	+ 213
Macon	1847	+ 114	CLOVIS	1371	+ 140	VT BARRE-MONTPELIER	442	+ 11
ID SAVANNAH	2028	+ 220	GALLUP	986	+ 141	BURLINGTON	517	+ 9
BOISE	981	+ 275	TRUTH OR CONSEQ.	1525	+ 150	VA CHARLOTTESVILLE	1233	+ 98
BURLEY	944	+ 338	NY ALBANY	628	- 4	HAMPTON/LANGLEY	1274	+ 124
IDAHO FALLS	797	+ 291	ELMIRA	625	- 1	LYNCHBURG	1127	+ 34
POCATELLO	853	+ 307	OLENS FALLS	581	+ 27	NORFOLK	1412	+ 225
IL BELLEVILLE	1126	- 7	POUGHKEEPSIE	713	+ 26	RICHMOND	1312	+ 91
CHICAGO/MIDWAY	794	+ 29	ROCHESTER	561	- 34	WA BELLINGHAM	572	+ 181
DECATUR	899	- 117	SYRACUSE	550	- 43	HOQUIAM	503	+ 146
PEORIA	945	+ 96	UTICA	511	- 21	SEATTLE-TACOMA	680	+ 219
ROCKFORD	839	+ 131	NC WATERTOWN	482	- 26	SPOKANE	664	+ 169
SPRINGFIELD	996	+ 25	ASHEVILLE	1145	+ 48	TACOMA	708	+ 168
QUINCY	918	- 13	FAYETTEVILLE	1598	+ 144	WALLA WALLA	1069	+ 317
IN INDIANAPOLIS	924	- 4	GREENSBORO	1298	+ 49	WRNATCHEE	989	+ 167
SOUTH BEND	775	+ 52	HICKORY	1328	+ 83	YAKIMA	962	+ 174
TERRE HAUTE	973	+ 19	RALEIGH	1422	+ 95	WV HUNTINGTON	1098	+ 64
IA DES MOINES	941	+ 24	WILMINGTON	1664	+ 165	MARTINSBURG	940	+ 6
MASON CITY	811	+ 86	NEW BERN	1559	+ 79	MORGANTOWN	889	- 37
OTTUMWA	948	+ 86	MD BISMARCK	751	+ 206	WI EAU CLAIRE	684	+ 83
SIOUX CITY	997	-	DICKINSON	656	+ 164	GREEN BAY	624	+ 106
WATERLOO	885	-	JAMESSTON	673	+ 146	LACROSSE	769	+ 89
KS CHANUTE	1242	+ 64	MINOT	638	+ 163	MADISON	773	+ 104
DODGE CITY	1258	+ 187	GRAND FORKS	654	+ 149	WAUSAU	610	+ 81
GARDEN CITY	1263	+ 197	OH AKRON-CANTON	673	- 51	CASPER	956	+ 432
GOODLAND	1075	+ 234	COLUMBUS	875	- 1	LANDER	846	+ 350
MEDICINE LODGE	1433	+ 142	DAYTON	866	- 18	SHERIDAN	813	+ 283
			FINDLAY	724	- 24	WORLDAND	1023	+ 379

Based on 1951-80 normals.

* Growing degree days for corn are computed to a 50°F base with the daily maximum temperature limited to 86°F or lower, and the daily minimum to 50°F or higher.

May Weather in Historical Perspective

Large areas of dryness highlighted May's weather. For the Nation as a whole, it was the ninth driest May since 1895 (fig. 1), paced by extreme dryness in the East North Central, Central, and West North Central regions (table 1). For the first time since October 1992, the areal coverage of the Nation in a severe to extreme drought exceeded the area experiencing a severe to extreme wet spell (fig. 2).

Warm conditions dominated the Nation during May. The nationally averaged temperature of 61.5°F was 0.8°F above normal, and the 33rd highest (warmest) during the 100-year period of record (fig. 3). The West North Central region registered its eighth warmest May. Cooler-than-normal weather covered the eastern third of the Nation, where May rankings included the 16th coldest May in the Southeast (table 1).

Figure 1

U.S. NATIONAL NORMALIZED PRECIPITATION INDEX
MAY, 1895-1994

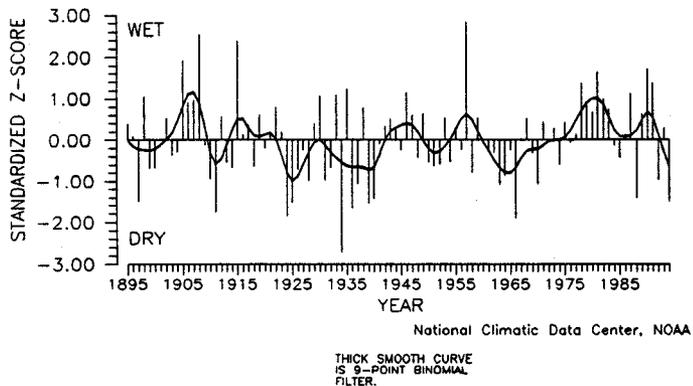


Figure 3

U.S. NATIONAL TEMPERATURE
MAY, 1895-1994

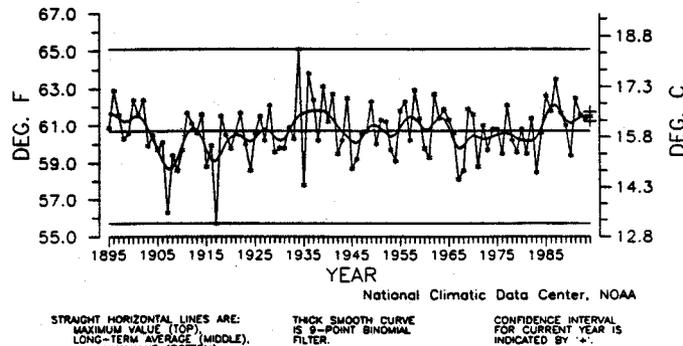


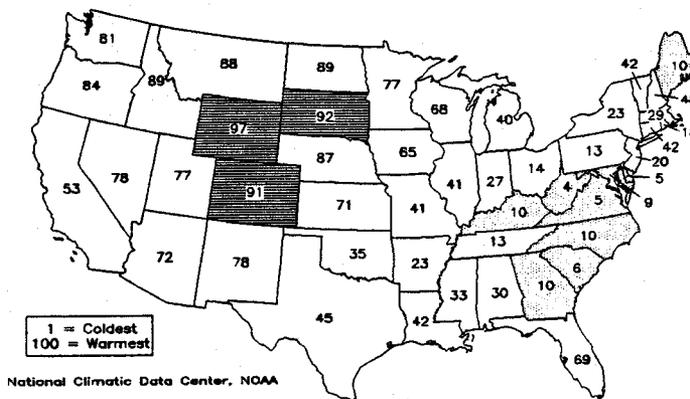
Table 1

Temperature and precipitation rankings for May 1994, based on the period 1895-1994. 1 = Driest/Coldest, 100 = Wettest/Hottest.

Region	Precipitation	Temperature
Northeast	57	18
East North Central	4	65
Central	7	25
Southeast	12	16
West North Central	6	93
South	35	42
Southwest	54	84
Northwest	42	85
West	74	68
National	9	68

Figure 4

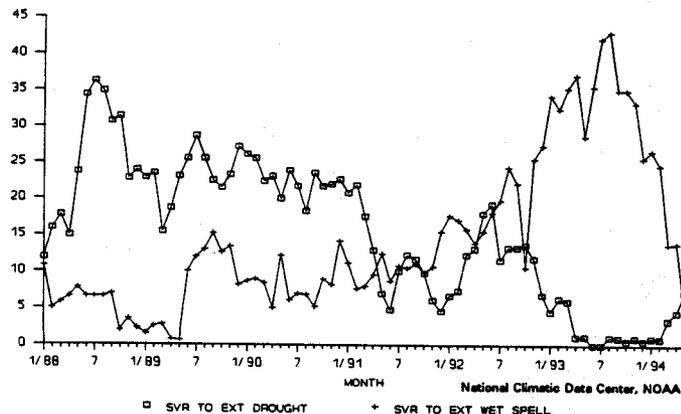
MAY 1994 STATEWIDE TEMPERATURE RANKS



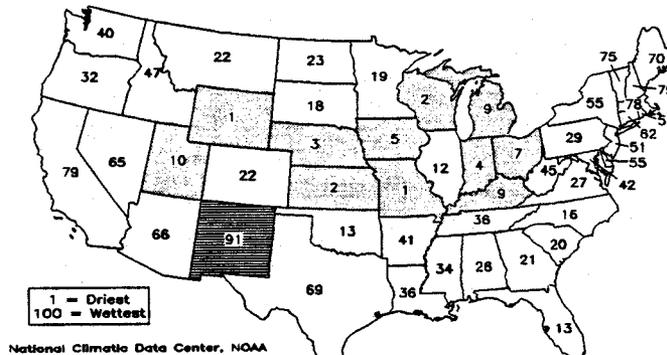
Temperature Ranks for the contiguous United States. Each state is ranked based on its data from 1895-1994. States having a rank of top ten coldest (rank 1-10) or top ten warmest (rank 91-100) are shaded.

Figure 2

U.S. PERCENT AREA DRY AND WET
JANUARY 1988 THROUGH MAY 1994



MAY 1994 STATEWIDE PRECIPITATION RANKS



Precipitation Ranks for the contiguous United States. Each state is ranked based on its data from 1895-1994. States having a rank of top ten driest (rank 1-10) or top ten wettest (rank 91-100) are shaded.

Spring Weather in Historical Perspective

A 10-year trend of warmer-than-normal springs in the contiguous United States resumed in 1994 after a break in 1993. The Nation's average temperature was the ninth warmest since 1895, but only the fourth warmest since 1985 (fig. 1). Above-normal temperatures prevailed in all but the Central and Northeast regions (table 1).

Dry conditions abounded, especially during March and May, resulting in the seventh driest spring on record (fig. 2). The Corn Belt, with spring precipitation of about 80 percent of normal, was among the dry areas (fig. 3). Near-record dryness plagued the West North Central region. Only the Northeast recorded above-normal precipitation.

Figure 1

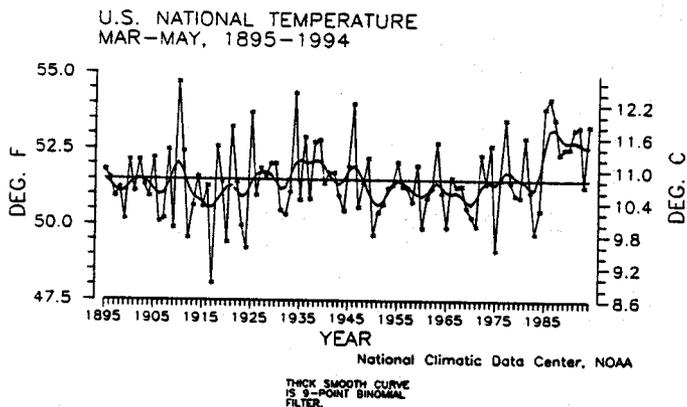


Figure 3

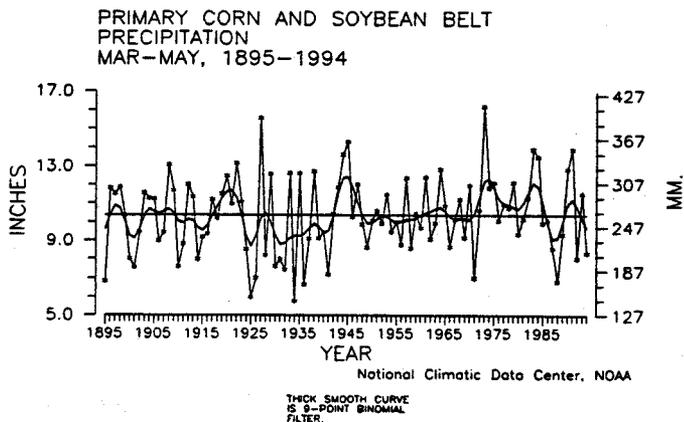


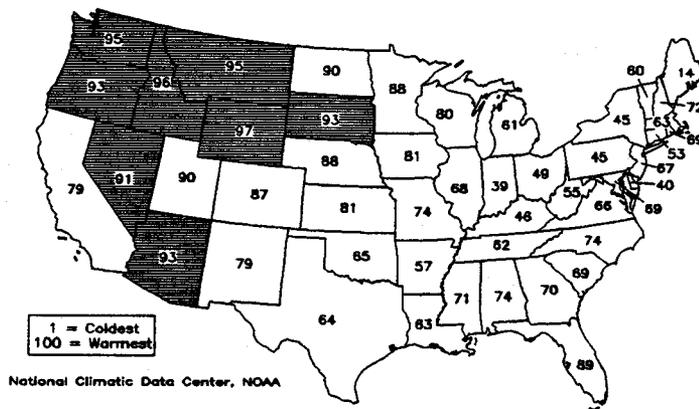
Table 1

Temperature and precipitation rankings for Spring 1994, based on the period 1895 to 1994. 1 = Driest/Colest, 100 = Wettest/Hottest.

Region	Precipitation	Temperature
Northeast	76	44
East North Central	10	78
Central	50	60
Southeast	28	78
West North Central	3	94
South	26	66
Southwest	36	93
Northwest	10	95
West	22	85
National	7	92

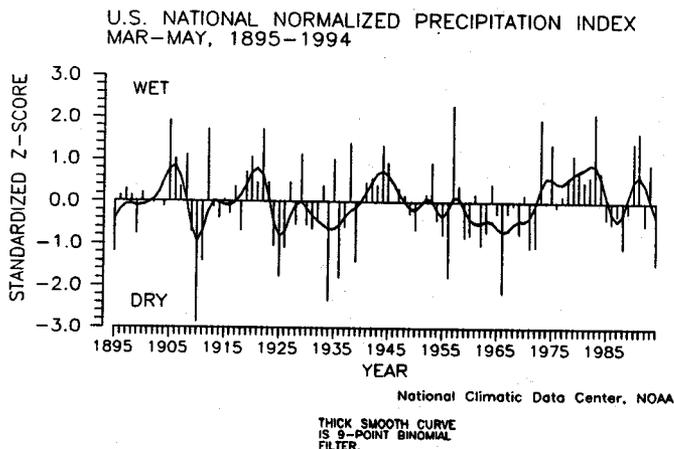
Figure 4

MARCH-MAY 1994 STATEWIDE TEMPERATURE RANKS

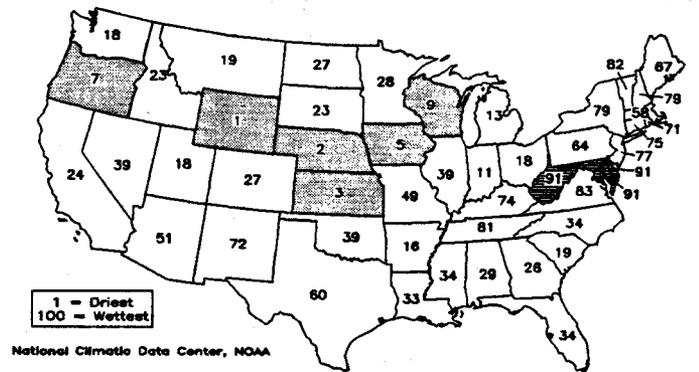


Temperature Ranks for the contiguous United States. Each state is ranked based on its data from 1895-1994. States having a rank of top ten coldest (rank 1-10) or top ten warmest (rank 91-100) are shaded.

Figure 2



MARCH-MAY 1994 STATEWIDE PRECIPITATION RANKS



Precipitation Ranks for the contiguous United States. Each state is ranked based on its data from 1895-1994. States having a rank of top ten driest (rank 1-10) or top ten wettest (rank 91-100) are shaded.

National Agricultural Summary

June 6 - 12, 1994

HIGHLIGHTS: Mostly clear weather across the Western States allowed planting and early small-grain harvest activities to continue. Crops in the central Great Plains and Tennessee Valley received much-needed rainfall from a stationary storm front. The welcomed precipitation slowed early winter wheat harvest. Wheat across the upper Great Plains was turning color and beginning to ripen. Soil moisture reports indicate shortages for the northern Pacific Coast and Corn Belt despite recent rains. Ninety-degree temperatures in the Southern States benefited the cotton crop, where producers concluded cotton planting. Warm, dry weather stressed some nonirrigated field crops in the Southern States and advanced the maturity of small grains. Farmers continued spraying field crops with insecticides as needed. Weedy conditions of field crops from poor pre-emergence control prompted farmers to spray post-emergence herbicides to control weeds. The first cutting of hay was slowed by recent rains but remained ahead of the average.

SMALL GRAINS: The winter wheat crop was mostly fair with 93 percent(%) of the winter wheat acreage headed, 3 percentage points ahead of the average. Winter wheat harvested was 9% complete, 1 point ahead of the 5-year average. Winter wheat harvested increased over 20 points from last week in Texas and Oklahoma to 35% and 31% complete, respectively. Montana's winter wheat headed increased 31 points from last week to 33% for the week. Most of the winter wheat in Kansas was turning color. Precipitation and below-normal temperatures helped Washington's small grains. Spraying for armyworms was reported in Illinois.

The spring wheat crop was mostly good for the five major producing States. Spring wheat was 3% headed, 1 point behind the average. Minnesota reported spring wheat jointing 12 points behind the average at 40%.

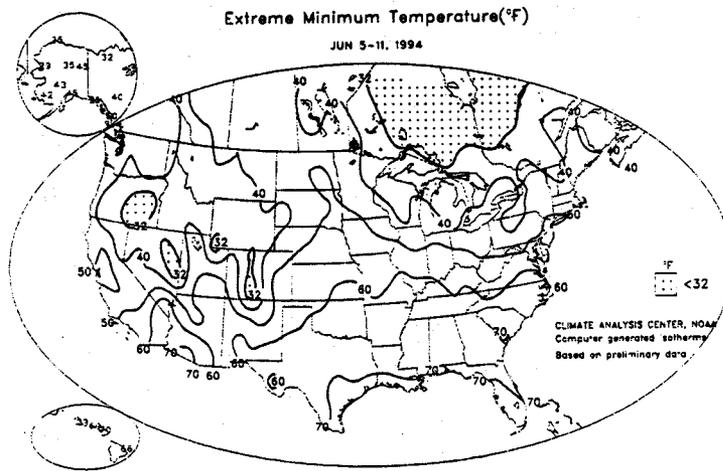
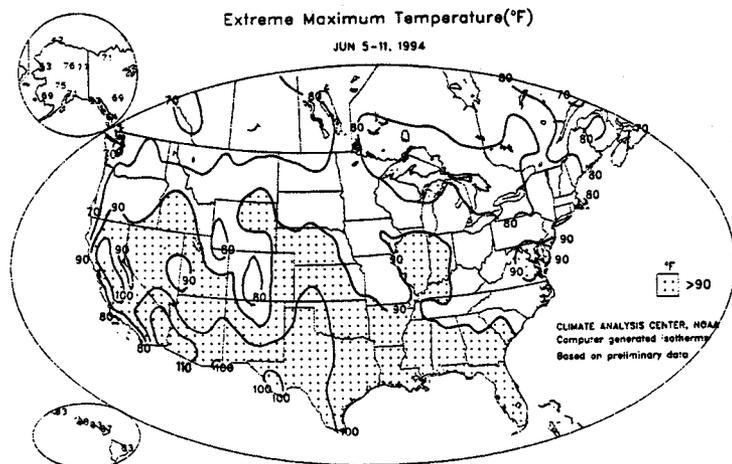
FIELD CROPS: Corn condition was mostly good, up from last year. Warm weather and precipitation improved corn conditions in the Midwest. Corn emerged was over 90% for most States. The average corn height ranged from 7 inches for Pennsylvania to 14 inches for Iowa. Spray treatments for black cutworms slowed in Illinois since the worst infestations appeared under control. European corn borer moths were reported statewide in Illinois.

Cotton planting for the 14 major producing States was 95% complete, 2 points ahead of normal. Cotton squaring was 23% for the major producing States, 8 points ahead of the average. Mississippi cotton squaring was double their average at 22%, while North Carolina was 1 point behind the average. The high temperatures in the Southern States pushed cotton development. Some cotton fields in Texas were beginning to show signs of stress from the high temperatures. The first bale of cotton was ginned last week in Rio Grande Valley.

Sorghum planting was 88% complete, an 8-point increase from last week and 13 points ahead of normal. Kansas reported a 10-point increase from last week for sorghum planted. Sorghum headed in Texas was 12 points ahead of last year at 47%, with 21% turning color. Nebraska sorghum was 96% emerged, 43 points ahead of last year.

Rice condition was mostly good. Flooding of rice fields continued in Arkansas. California rice fields were sprayed for broadleaf weeds, shrimp, and water weevils. Mississippi and Texas rice was 100% emerged, with Mississippi 18 points ahead of the average. Rice headed was 9% in Louisiana, 6 points ahead of the average.

Soybeans were 91% planted, 12 points ahead of the average. Planting progress increased 3 points from last week, 18 points ahead of last year. Arkansas, Kansas, Mississippi, and Missouri were over 20 points ahead of the average.



Crop Progress
for the Week Ending June 12, 1994

SPRING WHEAT HEADED

ID	Current	Last Wk	1993	Avg.
AR	13	N/A	0	10
MN	3	N/A	0	3
MT	1	N/A	0	0
ND	0	N/A	0	2
SD	16	N/A	0	16
5 States	3	N/A	0	4

These 5 States produced 97% of the 1993 spring wheat crop.

COTTON PLANTED

ID	Current	Last Wk	1993	Avg.
AL	99	91	93	98
AZ	100	100	100	100
AR	99	98	100	99
CA	100	100	100	100
GA	98	97	96	96
LA	100	100	100	100
MS	100	100	96	95
MO	100	100	100	100
NM	100	100	100	100
NC	100	100	100	100
OK	91	85	89	76
SC	100	100	100	99
TN	100	100	100	98
TX	90	79	91	87
14 States	95	90	95	93

These 14 States produced 99% of the 1993 cotton crop.

RICE EMERGED

ID	Current	Last Wk	1993	Avg.
AR	97	93	86	89
CA	90	70	75	87
LA	97	96	97	96
MS	100	100	82	83
TX	100	97	91	96
5 States	96	91	87	90

These 5 States produced 96% of the 1993 rice crop.

WINTER WHEAT HEADED

ID	Current	Last Wk	1993	Avg.
AR	100	100	100	100
CA	99	99	99	99
CO	96	92	95	90
GA	100	100	100	100
ID	49	26	23	34
IL	97	95	97	99
IN	100	96	97	97
KS	100	100	100	100
MI	65	25	45	70
MO	99	97	97	100
MT	33	2	2	12
NE	100	95	90	96
NC	100	100	100	100
OH	98	88	91	93
OK	100	100	100	100
OR	93	89	93	89
SD	88	68	54	73
TX	100	98	100	100
WA	92	86	80	85
19 States	93	89	88	90

These 19 States produced 92% of the 1993 winter wheat crop.

COTTON SQUARING

ID	Current	Last Wk	1993	Avg.
AL	10	2	10	19
AZ	75	41	58	60
AR	32	5	0	7
CA	10	2	15	17
GA	44	25	17	17
LA	33	9	14	24
MS	44	38	12	22
MO	11	7	2	3
NM	0	0	0	6
NC	6	0	0	7
OK	5	0	1	2
SC	10	2	11	10
TN	8	1	4	3
TX	19	16	18	14
14 States	23	14	14	15

These 14 States produced 99% of the 1993 cotton crop.

SOYBEANS PLANTED

ID	Current	Last Wk	1993	Avg.
AL	72	62	74	67
AR	73	61	49	48
GA	74	57	63	61
IL	96	92	80	87
IN	97	95	88	81
IA	100	100	60	86
KS	90	85	60	65
KY	65	57	56	52
LA	84	74	79	66
MI	100	95	90	90
MN	99	99	99	99
MS	90	89	60	54
MO	83	79	52	61
NE	100	100	85	93
NC	60	57	71	63
OH	100	99	97	99
SC	50	40	58	58
SD	98	95	51	84
TN	55	46	63	53
19 States	91	88	73	79

These 19 States produced 95% of the 1993 soybean crop.

WINTER WHEAT HARVESTED

ID	Current	Last Wk	1993	Avg.
AR	32	5	6	20
CA	15	5	20	18
CO	0	0	0	0
GA	91	85	51	58
ID	0	0	0	0
IL	0	0	0	0
IN	0	0	0	0
KS	0	0	0	3
MI	0	0	0	0
MO	0	0	0	3
MT	0	0	0	0
NE	0	0	0	0
NC	26	15	25	27
OH	0	0	0	0
OK	31	10	5	20
OR	0	0	0	0
SD	0	0	0	0
TX	35	15	34	26
WA	0	0	0	0
19 States	9	4	5	8

These 19 States produced 92% of the 1993 winter wheat crop.

GRAIN SORGHUM PLANTED

ID	Current	Last Wk	1993	Avg.
AR	98	95	94	93
CO	68	31	59	55
IL	89	80	53	67
KS	85	75	55	60
LA	98	94	93	89
MS	95	88	91	89
MO	89	84	62	70
NE	100	95	81	92
NM	60	45	35	53
OK	81	73	78	55
SD	87	77	62	66
TX	88	83	88	86
12 States	88	80	72	75

These 12 States produced 98% of the 1993 grain sorghum crop.

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 0.92 to 5.09 in. north; 0.63 to 3.78 in. central; 0.14 to 4.13 in. south. Temperatures 2° below normal to 4° above normal statewide. Lows 61 to 67° north; 63 to 68° central; 61 to 69° south. Highs 85 to 92° north; 89 to 94° central; 90 to 94° south.

Days suitable for fieldwork 4.3. Soil moisture 26% short, 44% adequate, 30% surplus. Corn silked 25%, 11% 1993, 45% avg.; 46% poor, 17% fair, 37% good. Sorghum planted 72%, 57% 1993, 69% avg.; 60% fair, 40% good. Peanuts pegged 5%, 3% 1993, 10% avg.; 25% fair, 75% good. Wheat turning color 90%, 86% 1993, 97% avg.; harvested 38%, 20% 1993, 47% avg.; 41% fair, 56% good, 3% excellent. Hay first cutting 87%, 81% 1993, 78% avg. Pasture feed 3% very poor, 56% poor, 37% fair, 4% good. Livestock 25% fair, 75% good. Seasonal activities: Planting cotton, peanuts, sorghum, soybeans, vegetables.

ALASKA: Warm, dry weather stressed some non-irrigated crops in the Matanuska, Tananana Valley areas. Many parts of State received light showers, most growers could use more rain.

Days suitable for fieldwork 6. Average height of small grain was 4 in., compared to 6 in. at this time last year. Commercial potatoes 10% emerged. Vegetable transplanting continues. All oats, barley, mixed grain were in preboot or earlier stages. Rate of crop growth was 30% slow, 50% moderate, 20% rapid. Topsoil 55% short, 45% adequate. Subsoil 45% short, 55% adequate.

ARIZONA: Temperatures above normal; 1 to 5° above. Extremes 36°; 102° higher elevations; 53°; 117° deserts. Precipitation none except a trace at Douglas station.

1994 cotton crop continues mostly good; planted to date 100%, 100% 1993, 100% avg.; squaring 75%, 58% 1993, 60% avg. Weed infestations, insect, disease infestations remain light. Small grains heading 100%, 100% 1993, 100% avg.; turning color 100%, 100% 1993, 100% avg. Condition remains good. Alfalfa condition also good. Harvest progress moderate to active. Weed infestations, insect, disease infestations light. Citrus harvest nears completion. Grapefruit, valencia oranges, central, western groves. Grape harvest central, western vineyards. Vegetables harvested from central areas included cabbage, carrots, green onions, mixed greens, potatoes, sweet corn. Honeydews available western area. Cantaloupe, dry onions, watermelons, available both areas. Iceberg lettuce, tomatoes available eastern areas.

ARKANSAS: Temperatures normal with scattered showers, thunderstorms. Extreme 40°; 98°. Precipitation 0.24 to 5.17 in.

Days suitable for fieldwork 4. Soil moisture 8% short, 63% adequate, 29% surplus. Crop development ahead of schedule. Flooding of rice fields continued. Wheat harvest slowed by rain. Cotton 94% emerged, 94% 1993, 96% avg. Sunflowers in good condition. Peaches, blueberries, tomatoes, mostly good. Some tomatoes affected by insects, diseases. Peach, blueberry harvest ongoing. Damage to some peaches, apples, grapes by severe storms. Hay harvest in full swing. Alfalfa 24% fair, 76% good. Other hay 23% fair, 77% good. Pasture 21% fair, 76% good, 3% excellent. Livestock good. External parasites on cattle remain a concern in several counties.

CALIFORNIA: Temperatures around normal for week. Week started cool, High pressure last half of the week, triple-digit highs common 10th.

Field activities good progress, open weather prevailed. Wheat, barley harvests picked up speed; underway most areas. Harvest quickly followed by discing, second crop plantings corn, dry beans. Rice planting virtually complete. Emerged fields sprayed broadleaf weeds, shrimp, water weevils, scum. Cotton growth improved as temperatures rose; progress San Joaquin Valley fields one week behind normal. Irrigation, cultivation, thinning, weeding; treatments aphids, lygus, mites, thrips, whitefly. Corn sprayed mites, weeds. New crop sugarbeets irrigated, weeded, sprayed

aphids, mildew. Seed alfalfa irrigated, treated lygus. Alfalfa, small grains, sudangrass cut hay, greenchopped. Orchard, vineyard work; full swing. Almonds, apples; sprayed codling moth, mites. Fungicides applied, tree fruit. Nectarine, peach, apricot, plum harvest continued. Cherry, strawberry harvest winding down. Kiwifruit sizing well. Avocado harvest nearly complete; Riverside County. Valencia orange harvest slow. Thrips, scale; citrus orchards. Olives setting fruit; thinning material applied. Asparagus harvest Delta area winding down. Truck shortages limited movement broccoli, cauliflower. Carrots packed Kern County. Celery harvested south coast. Cucumbers harvested San Joaquin Valley, Riverside County. Garlic harvest picking up Tulare County. Head lettuce light movement central valley. Romaine lettuce good supply San Joaquin Valley. Red Leaf lettuce good movement also. Melons planted San Joaquin County, harvest continued Coachella Valley. Harvest onions central valley, desert areas. Peppers harvested Riverside County, central valley. Spring potato harvest completed Palo Verde Valley, good yield, quality. Fall potatoes, ninety percent planted Tulelake-Butte Valley, have not sprouted above ground. Squash harvest Tulare, Riverside Counties. Harvest sweet corn desert continued, while treatment earworms took place Fresno County. Sweet potatoes planted Merced County. Fresh market tomatoes planted San Joaquin Valley, harvested Coachella Valley. Processing tomatoes irrigated, treated control mildew Fresno County. Other crops harvested: Radishes, string beans, turnips, taro root, tomatillos, oriental vegetables. Cattle, sheep in good condition. Range, pasture conditions deteriorating, hot, dry weather. Feed quality lower rangelands declined rapidly. Irrigated pastures good condition. Livestock movement to upper rangelands continued. Most cattle moved out foothills to summer pastures. Showers mountain areas kept feed, water supplies in good shape.

COLORADO: Hot, dry westerly flow dominated at start of week with record or near record highs on 6th, 7th. Isolated, severe thunderstorms developed mainly in far eastern, southeast portions of State. The 8th, 9th brought seasonal temperatures with an increase in thunderstorms on the eastern plains, some producing large hail, locally heavy rain. Above normal temperatures returned on 11th, 12th.

Days suitable for fieldwork 6.3. Soil moisture 11% very short, 42% short, 43% adequate, 4% surplus. Alfalfa first cutting 46% complete, 43% 1993, 36% avg. Spring barley 20% headed, 23% 1993, 29% avg.; 3% very poor, 6% poor, 19% fair, 60% good, 12% excellent. Dry beans 70% planted, 60% 1993, 55% avg.; 37% emerged, 23% 1993, 19% avg. Oats emergence nearly completed; 26% headed, 27% 1993, 30% avg.; 9% poor, 30% fair, 52% good, 9% excellent. Dry onion 1% very poor, 3% poor, 30% fair, 61% good, 5% excellent. Sugarbeets 60% thinned, 66% 1993, 66% avg.; 1% very poor, 7% poor, 46% fair, 46% good. Corn emergence complete. Spring wheat 9% headed, 7% 1993, 19% avg.; 3% very poor, 12% poor, 17% fair, 52% good, 16% excellent. Summer potatoes 2% poor, 30% fair, 66% good, 2% excellent. Fall potatoes 68% emerged, 58% 1993, 36% avg. Non irrigated grain crops stressed from dry conditions. Livestock good to excellent. Pasture, range feed good to excellent.

FLORIDA: Temperatures 1 to 4° above normal. Highs; low to mid 90s. Lows; mid 60s to mid 70s. Rain on 3 to 6 days most locations. Rain varied less than 1.00 in. to over 4.00 in.

Soil moisture mostly adequate to surplus Panhandle, northern Peninsula. Central Peninsula moisture short to adequate. Southern Peninsula adequate moisture with scattered areas surplus. Winter wheat harvest complete. Wet soil delaying soybean planting, completion of peanut, cotton planting. Starting tobacco harvest. Corn, sugarcane making good progress. Hay cutting active. Hard rains all areas, irrigation stopped, abundant new growth. New crop fruit making good progress. Valencias remaining to be picked good condition. Valencia harvest slowing. Grapefruit movement all but over. Caretakers cutting cover crops, spraying, fertilizing. Vegetable crop condition north, central production areas is generally good.

Season complete for most vegetable crops central. Leading vegetable shipments: Watermelons, potatoes, tomatoes, sweet corn, cucumbers. Also available: Snap beans, carrots, celery, eggplant, okra, peppers, radishes, squash, cherry tomatoes. Pasture feed 40% fair, 50% good, 10% excellent. Cattle herds fair to good condition.

GEORGIA: Beneficial rains. Scattered showers and thunderstorms nearly every day. More numerous early in week. Daily maximums mostly in mid 80s to low 90s, except upper 70s to mid 80s shower areas. Minimums generally low to mid 60s mountains to upper 60s to low 70s elsewhere. Rain varied none to locally more than 1.00 in. Temperatures 3 to 5° above normal north, only couple degrees above normal elsewhere. Warmest in low 90s, except only mid to upper 80s north. Coolest varied near 60° northeast mountains to mostly 65 to 70° elsewhere. Much needed rains during week many locations 1.00 to locally 3.00 in. Rain 3 to 5 days.

Days suitable for fieldwork 3.5. Soil moisture 23% short, 54% adequate, 23% surplus. Corn 77% silked, 19% 1993, 48% avg.; 31% dough, 1% 1993, 15% avg.; 9% dent, 0% 1993, 1% avg.; rains improved prospects. Cotton much improved, development over week ahead normal. Sorghum 1% poor, 32% fair, 64% good, 3% excellent; 87% planted, 72% 1993, 76% avg. Peanuts 18% fair, 71% good, 11% excellent; 100% planted, 99% 1993, 99% avg.; 48% blooming, 20% 1993, 31% avg.; 9% pegging, 3% 1993, 7% avg.; rains improved rating, some insect problems. Soybeans up, planting active. Tobacco 26% fair, 66% good, 8% excellent; 1% harvested, 0% 1993, 1% avg. Rains slow wheat harvest progress, still about 2 weeks ahead normal. Other small grains harvest near completion. Watermelons 2% poor, 32% fair, 60% good, 6% excellent; 6% harvested, 0% 1993, 1% avg.; harvest fast start. Rain on other vegetables a big plus. Apples 25% very poor, 15% fair, 60% good. Peaches 31% fair, 67% good, 2% excellent; 60% harvested, 32% 1993, 41% avg. Hay, pastures much improved, hay harvest slowed. Cattle, hogs good.

HAWAII: Warm, sunny weather prevailed throughout State. All island continued to receive light morning, evening showers. A high pressure system northeast of the island produced trade winds mostly in the 10 to 25 mph range. Temperatures continued moderate in the mid 60s to high 80s. Rainfall none to 1.70.

Weather favorable for crop progress. Mostly dry, warm days necessitated increased irrigation. Regular spray programs kept insects, diseases under control. Sugar harvesting active all island. Pineapple harvesting on the increase. Papaya production heavy.

IDAHO: Temperatures 6° below to 4° above normal. Precipitation 0.18 to 0.98 in. north, none to 0.09 in. southwest, none to 0.03 in. south-central, none to 0.18 in. east.

Days suitable for fieldwork 6. Soil moisture 1% very short, 30% short, 69% adequate. Potatoes planted 99%, 96% 1993, 98% avg. Potatoes emerged 83%, 65% 1993, 66% avg. Potatoes over 12" high 14%. Spring barley emerged 99%, 95% 1993, 97% avg. Oats emerged 97%, 90% 1993, 95% avg. Sugarbeets thinned 83%, 45% 1993, 69% avg. Field corn planted 99%, 98% 1993, 97% avg.; emerged 96%, 87% 1993, 86% avg. Dry beans planted 87%, 65% 1993, 77% avg.; emerged 55%, 34% 1993, 31% avg. Alfalfa hay harvested (1st cutting) 53%, 28% 1993, 35% avg. Irrigation water supplies 4% very poor, 10% poor, 22% fair, 59% good, 5% excellent. Activities: Hilling potatoes, sidedressing corn, irrigating, cutting alfalfa, weed, insect control.

ILLINOIS: Showers, thunderstorms brought varying amounts of beneficial moisture to the State. Highs 80° to mid 80s with average lows in the 50s, 60s. Precipitation varied from a few tenths to over 2.00 in. with greater amounts generally in the central, south.

Days suitable for fieldwork 5.5. Soil moisture 42% short, 52% adequate, 6% surplus. Corn average height 12 in., 6 in. 1993, 14 in. avg. Average height most advanced 22 in., 12 in. 1993, 23 in. avg. Corn percent of full stand 86%. Replanted 6%. Winter wheat filled 82%, 79% 1993, 89% avg.; turning yellow 32%, 17% 1993, 51% avg.; ripe 1%, less than 1% 1993, 11% avg. Oats headed 66%, 27% 1993, 47% avg.; filled 20%, 6% 1993, 21% avg.; turning yellow 2%, 1% 1993, 5% avg. Alfalfa hay first cutting 93%, 62% 1993, 77% avg.; second cutting 3%, 1% 1993, 3% avg. Red clover hay cut 85%, 56% 1993, 58% avg. Pasture feed 90% of normal. Oat

2% poor, 30% fair, 66% good, 2% excellent. Alfalfa 23% fair, 72% good, 5% excellent. Red clover 19% fair, 75% good, 6% excellent. Rescue spray treatments on corn for black cutworms began to slow last week as the worst infestations appear to be over. Spraying for armyworms in wheat became more common in southern areas as pest scouting becomes a priority this year. European corn borer moths have been reported statewide with some reports of large numbers of moths. Farmers were busy spraying, cultivating to control weeds, baling hay.

INDIANA: Scattered showers, thunderstorms brought varying amounts of rain to State. A midweek cool down provided a break from unseasonably warm temperatures at the beginning, end of the period. High temperatures 80 to mid 80s. Lows 50s to 60s. Temperature departures -2 to 1° across northern areas, 2 to 4° warmer than normal in the central, south. Rainfall less than 0.20 to 2.00 in.

Days suitable for fieldwork 6. Insect damage, dry weather, soil compaction, poor germination has forced many fields, portions of fields to be replanted. Dry conditions resulted in less than desirable weed control, so farmers are applying post emergence herbicides. Continued spraying for cutworms. Pastures drying, still good condition. Pasture feed 82% of normal, 87% last week. Topsoil 76% short, 23% adequate, 1% surplus. Subsoil 42% short, 58% adequate. Corn 99% emerged, 95% 1993, 87% avg.; 11 in. high, 7 in. 1993, 11 in. avg. Soybeans 91% emerged, 80% 1993, 70% avg. Oats headed 68%, 45% avg. Alfalfa 1st cutting 92%, 63% 1993, 68% avg. Tobacco set 79%, 78% 1993, 59% avg.

IOWA: Temperatures near normal. Extremes 41°; 92°. Rainfall 0.08 in. extreme southwest to 4.82 in. central; average 1.95 in. normal 1.03 in. Wettest week since late-August 1993.

Days suitable for fieldwork 4.2. Topsoil 20% short, 71% adequate, 9% surplus. Subsoil 6% short, 90% adequate, 4% surplus. Average height of corn 14". Tallest corn 23". Corn cultivated 50%, 4% 1993, 35% avg. Soybeans emerged 100%, 30% 1993, 68% avg.; cultivated 16%, 0% 1993, 9% avg. Oats headed 66%, 10% 1993, 33% avg. Alfalfa hay 1st crop harvested 70%, 15% 1993, 47% avg. Clover hay 1st crop harvested 33%, 4% 1993, 15% avg. Winter wheat 16% fair, 76% good, 8% excellent. Pasture feed 2% poor, 34% fair, 54% good, 10% excellent. Oats 2% poor, 26% fair, 63% good, 9% excellent. Hay 5% poor, 31% fair, 58% good, 6% excellent. Concern was expressed about the weedy conditions of row crops. Precipitation throughout the State benefited row crops. However, scattered, heavy rains, damaging winds, hail caused some crop damage. Rains are making cattle feed lots muddy.

KANSAS: Across the State temperatures were mostly above normal. Temperature ran about normal in the eastern districts to 4 to 6° above normal in the western districts. Precipitation was scattered across the State. Rainfall 0.41 in. central district to 3.05 in. east central district. Rainfall was heaviest in the eastern portion of the State.

Days suitable for fieldwork 4.0. Soil moisture conditions across the State improved by rains last week. Surface soil moisture 39% short to very short, 49% adequate, 12% surplus. Subsurface moisture 22% short to very short, 76% adequate, 2% surplus. Wheat harvest is beginning in southern counties. Most of the States wheat acreage is turning color. Sorghum, soybean planting made some progress, was slowed by rains in some areas. Statewide, all of the alfalfa has been cut the first time compared to the average of 90%. About 5% of the alfalfa has been cut twice. Pastures are in good condition in all districts except the southwest, central, south central where they are fair.

KENTUCKY: Highs reached upper 80s to lower 90s, lows 50s to lower 60s. Temperatures mid 70s, 1 to 4° above normal. Rainfall less than 0.25 in. to more than 2.00 in. southern areas.

Days suitable fieldwork 4.1. Soil moisture somewhat improved by showers; 8% very short, 30% short, 54% adequate, 8% surplus. Tobacco setting active, 87% complete. Setting progress ahead 1993, avg. Condition generally satisfactory, some areas need rain. Corn condition fair, mostly good, height 16" avg. Earliest fields nearing waist high. Most single crop soybeans planted, waiting small grain harvest to plant double crop beans. Wheat ripening, some lodging, disease concerns, generally good prospects. Pasture feed fair to good, some below avg. northern bluegrass areas.

LOUISIANA: Temperatures 1.1 to 3.4° above normal. Extremes 63°; 96°. Rainfall 0.41 in. central to 4.70 in. south central.

Days suitable for fieldwork 3.8. Soil moisture 8% short, 51% adequate, 41% surplus. Corn 24% fair, 55% good, 21% excellent; 80% silked, 30% 1993, 59% avg.; 19% dough stage, 4% 1993, 10% avg. Corn progressed rapidly because of warm weather and timely rainfall. Spraying for weevils was active in cotton. Hay 76% first cutting, 79% 1993, 62% avg. Peaches 53% fair, 47% good; 25% harvested, 15% 1993, 19% avg. Rice 9% headed, 4% 1993, 3% avg. Sorghum 97% emerged, 88% 1993, 85% avg., 0% headed, 0% 1993, 1% avg. Soybeans 75% emerged, 71% 1993, 60% avg. Planting progress slowed by rains. Sweet potatoes 53% planted, 49% 1993, 54% avg. Progressed smoothly. Sugarcane 23% fair, 77% good. Lay-by was active, growth was rapid because of warm weather. Wheat 2% poor, 46% fair, 52% good; 90% harvested, 76% 1993, 79% avg. Harvest progressed rapidly. Livestock 5% poor, 42% fair, 51% good, 2% excellent. Pasture feed 1% poor, 3% fair, 95% good, 1% excellent. Fertilization continued active. Vegetables 23% fair, 68% good, 9% excellent. Commercial harvest continued active.

MARYLAND & DELAWARE: MARYLAND: Precipitation 0.14 in., normal 0.90 in. Temperature 71.7°, normal 69.1°. Extremes 39°; 97°.

Days suitable for fieldwork 6.7. Topsoil 50% very short, 46% short, 4% adequate. Subsoil 8% very short, 60% short, 32% adequate. Pasture feed mostly good. Small grain fair to good. Winter wheat 55% turned, 38% 1993, 44% avg.; 0% harvested. Barley 90% turned, 94% 1993, 92% avg.; 14% harvested, 6% 1993, 17% avg. Rye 50% turned, 37% 1993, 58% avg. Corn for grain planting virtually complete. Soybeans 61% planted, 51% 1993, 56% avg. Sorghum 82% planted, 53% 1993, 41% avg. Tobacco 77% transplanted, 62% 1993, 69% avg. Sweet corn 92% planted, 85% 1993, 84% avg. Melon planting virtually complete; tomato, cucumber, lima, snap bean planting active. Other hay 80% first cut, few acres cut second time; alfalfa hay 98% first cut, 7% second cutting. Excellent haymaking weather; cutting silage. Strawberry harvest active, green pea harvest active. Apples mostly fair to good, peaches fair--poor to good.

DELAWARE: Precipitation 0.41 in., normal 0.83 in. Temperature 71.0°, normal 69.4°. Extremes 91°; 48°.

Days suitable for fieldwork 6.5. Topsoil 14% very short, 72% short, 14% adequate. Subsoil 50% short, 50% adequate. Pasture feed excellent. Small grain condition mostly fair to good. Wheat 12% turned, 13% 1993, 57% avg. Barley 6% harvested, 19% 1993, 22% avg. Rye 15% turned, 46% 1993, 52% avg. Soybeans 56% planted, 59% 1993, 59% avg. Sorghum 71% planted, 72% 1993, 52% avg. Sweet corn 97% planted, 98% 1993, 91% avg. Melon planting virtually complete, vegetable planting active. Other hay 95% first cut, 92% 1993, 84% avg. Alfalfa hay 90% first cut, 92% 1993, 93% avg. Strawberry harvest active, green pea harvest increasing.

MICHIGAN: Extremes 31°; 90°. Precipitation none to 1.32 in. across the State.

Days suitable for fieldwork 6.5. Soil moisture 95% short, 5% adequate. Dry beans 60% planted, 35% 1993, 45% avg.; 30% emerged, 15% 1993, 20% avg. Oats 5% headed, 4% 1993, 5% avg.; 1% very poor, 9% poor, 30% fair, 50% good, 10% excellent. Soybeans 75% emerged, 65% 1993, 70% avg. Hay 50% 1st cutting, 20% 1993, 30% avg.; 5% very poor, 15% poor, 30% fair, 40% good, 10% excellent. Pasture feed 65% of normal. Major activities: Hay harvesting, planting, spraying field crops, some replanting, spraying fruit.

MINNESOTA: Temperatures near normal to 1° below normal for State. Extremes 35°; 89°. Precipitation 0.20 in. above normal northwest to 1.00 in. below normal in the west central part of the State. Greatest weekly total 4.76 in.

Days suitable for fieldwork 4.1. Topsoil 6% very short, 33% short, 57% adequate, 4% surplus. Corn 51% cultivated once, 16% 1993, 36% avg.; 12 in. average unextended height, 4 in. 1993, 7 in. avg.; Soybeans 98% emerged, 37% 1993, 69% avg.; 19% cultivated once, 6% 1993, 14% avg. 5 in. average unextended height, 3 in. 1993, 3 in. avg. Spring wheat 40% jointing, 48% 1993, 52% avg.; 3% heading, 0% 1993, 4% avg. Oats 66% jointing, 41% 1993, 55%

avg.; 6% heading, 2% 1993, 7% avg. Barley 37% jointing, 47% 1993, 51% avg.; 2% heading 2% 1993, 4% avg. Alfalfa 67% cut, 29% 1993, 40% avg. Corn 1% very poor, 1% poor, 20% fair, 67% good, 11% excellent. Spring wheat 1% poor, 25% fair, 69% good, 5% excellent. Barley 26% fair, 68% good, 6% excellent. Oats 1% very poor, 33% fair, 61% good, 5% excellent. Soybeans 24% fair, 66% good, 10% excellent. Sugarbeets 33% fair, 65% good, 2% excellent.

MISSISSIPPI: Temperatures 2.4° above normal. Extremes 59°; 97°. Soil temperature 83°. Rainfall 2.48 in., 1.56 in. above normal. Heavy rainfall occurred all week long. North central district accumulated nearly 5.00 in. Greatest one day precipitation occurred at the delta in Tunica with over 4.00 in.

Days suitable for fieldwork 4.0. Soil moisture 9% short, 58% adequate, 33% surplus. Corn 100% emerged, 88% 1993, 93% avg.; 26% silked, 6% 1993, 20% avg.; 6% dough, 0% 1993, 1% avg.; 1% poor, 12% fair, 74% good, 13% excellent. Cotton 100% emerged, 96% 1993, 95% avg.; 44% squaring, 12% 1993, 22% avg.; 22% fair, 71% good, 7% excellent. Rice 100% planted, 94% 1993, 93% avg.; 100% emerged, 82% 1993, 83% avg.; 85% good, 15% excellent. Sorghum 95% planted, 91% 1993, 89% avg.; 90% emerged, 83% 1993, 84% avg.; 14% fair, 86% good. Soybeans 90% planted, 60% 1993, 54% avg.; 86% emerged, 43% 1993, 40% avg.; 32% fair, 53% good, 15% excellent. Wheat 96% mature, 84% 1993, 91% avg.; 55% harvested, 19% 1993, 37% avg.; 1% poor, 17% fair, 54% good, 28% excellent. Hay 45% harvested, 47% 1993, 36% avg. Peaches 36% harvested, 14% 1993, 28% avg. Peanuts 98% planted, 78% 1993, 82% avg. Sweet potatoes 59% planted, 69% 1993, 72% avg.; 70% fair, 30% good. Watermelons 97% planted, 96% 1993, 96% avg.; 78% fair, 22% good. Livestock 3% poor, 11% fair, 73% good, 13% excellent. Pasture feed 80% of normal. Activities: Pinhead square application, pasture fertilization, cotton insect control, weed control, crop cultivation.

MISSOURI: Temperatures about normal, 1° below normal to 1° above statewide. Rainfall 1.08 in., 0.44 in. northeast to 2.51 in. west central.

Days suitable for fieldwork 2.6. Topsoil 8% short, 77% adequate, 15% surplus. Wheat turning color 56%, 36% 1993, 70 avg. Alfalfa hay cut 81%, 59% 1993, 69% avg. Other hay cut 49%, 32% 1993, 37% avg. Pastures 2% poor, 29% fair, 63% good, 6% excellent.

MONTANA: Near normal temperatures, precipitation reported at all stations.

Days suitable for fieldwork 4.0. Topsoil 14% short, 75% adequate, 11% surplus. Subsoil 22% short, 70% adequate, 8% surplus. Barley 84% pre-boot, 100% 1993, 91% avg.; 13% boot, 0% 1993, 22% avg.; 3% headed, 0% 1993, 1% avg.; 2% poor, 19% fair, 53% good, 26% excellent. Oats 90% pre-boot, 100% 1993, 92% avg.; 7% boot, 0% 1993, 8% avg.; 3% headed, 0% 1993, 1% avg.; 2% poor, 16% fair, 61% good, 21% excellent. Sugarbeet 2% fair, 84% good, 14% excellent. Potatoes 99% planted. First cutting alfalfa 4%, 0% 1993, 1% avg. Other hay harvest 3%, 0% 1993, 0% avg. Cattle, calves moved to summer pastures, 90%; sheep, lambs, 90%. Pasture, range feed condition 98% of normal.

NEBRASKA: Temperatures 4° above normal west, near normal elsewhere. Precipitation occurred throughout the week varying from 0.02 in. northwest to 3.66 in. southwest.

Days suitable for fieldwork 4.1. Topsoil 26% short, 64% adequate, 10% surplus. Subsoil 12% short, 87% adequate, 1% surplus. Winter wheat 29% poor, 42% fair, 27% good, 2% excellent; 27% turning color, 5% 1993, 23% avg. Corn 16% fair, 77% good, 7% excellent. Soybeans 17% fair, 76% good, 7% excellent; 99% emerged, 57% 1993, 77% avg. Sorghum 21% fair, 76% good, 3% excellent; 96% emerged, 53% 1993, 74% avg. Alfalfa 1% very poor, 8% poor, 38% fair, 51% good, 2% excellent; 87% first cutting harvested, 54% 1993, 61% avg. Dry beans 89% planted, 63% 1993; 59% emerged, 22% 1993. Pasture, range feed 91% of normal.

NEVADA: Low pressure system moved across State on 6th bringing cloudy, windy weather along with isolated showers north. High pressure system began building on 7th, continued remainder of period. Temperatures generally 1 to 2° above normal. Extremes 22°; 108°.

Alfalfa hay harvest hampered by scattered showers, gusty winds some areas. Harvesting barley, oats underway extreme south. Irrigation, hay harvest, insect, weed control, livestock management major activities.

NEW ENGLAND: Precipitation 0.06 to 1.37 in. regionwide. Temperatures 54 to 64° north; 60 to 69° south. Maximum temperatures 77 to 84° north; 72 to 89° south. Minimum temperatures 33 to 46° north; 35 to 54° south.

Maine potatoes 85% planted, 90% 1993, 95% avg.; 10% emerged, 15% 1993, 40% avg.; good. Oats 95% planted, 90% 1993, 90% avg.; 70% emerged; good. Field corn 90% planted, 90% 1993, 90% avg.; 65% emerged; good. First crop hay 30% harvested, 30% 1993, 30% avg. Sweet corn 85% planted, 85% 1993, 85% avg.; 65% emerged; good. Apples, pears average fruit set. Cranberries average to light fruit set. Peaches light fruit set. Major farm activities: Planting field crops, harvesting hay, haylage, asparagus, radish, lettuce, greens. Applying herbicides, fertilizers.

NEW JERSEY: Temperatures near normal. Extremes 41°; 92°. Rainfall 2.05 in. north, 0.89 in. central, 0.14 in. south. Heaviest 24-hour total 1.84 in. on 6th, 7th. Estimated soil moisture, in percent field capacity, averaged 82% north, 70% central, 32% south. Four inch soil temperatures 67° north, 68° central, 69° south.

Days suitable for fieldwork 6. Topsoil adequate throughout the State. Thinning of peaches is occurring, early thinning of apples has started. Strawberries in full harvest. Bloom beginning for cranberries in limited areas. Planting of spring vegetables including snap beans, potatoes, field corn, sweet corn, soybeans. Harvesting of greens, beets, parsley, radishes. Nearly all asparagus, spring spinach has been harvested. Good supply of endive, escarole, lettuce (except for iceberg) available. Hay cutting occurring throughout the State. Pastures in good condition.

NEW MEXICO: Temperatures between 4 to 5° above normal for the State. Extremes 33° Gallup on 9th; 106° at Carlsbad on 6th, 7th. Afternoon, early night-time thunderstorms produced rainfall at some locations, mainly limited to the eastern plains. Higher totals included 1.07 in. at Carlsbad, 0.54 in. at Clayton, 0.52 in. at Raton.

Days suitable for fieldwork 6.6. Soil moisture 66% short, 34% adequate. Light hail damage reported in several counties affecting alfalfa, cotton, chile. One county reported moderate hail damage to field crops, fruit, nut trees. Cropland conditions: Alfalfa 4% poor, 15% fair, 81% good. Irrigated wheat 44% fair, 56% good. Dryland wheat 23% very poor, 23% poor 46% fair, 8% good. Chile 8% poor, 8% fair, 84% good. Corn 5% poor, 26% fair, 69% good. Sorghum planting was 60% complete with crop reported as 66% fair, 34% good. Cattle, sheep remained in poor to good. Range feed at 65% of normal.

NEW YORK: Week began mild, turned unseasonably cool at mid week, then began a warming trend. Temperatures near normal as whole. Isolated frost many places. Extremes 34°; 88°. Transition to colder weather brought widespread showers. Rains returned at weekend. Amounts for the week varied from almost none to over 1.50 in. Heaviest amounts fell in the St. Lawrence Valley, Catskills.

Days suitable for fieldwork 6.1. Soil moisture short in southeast, central areas, adequate elsewhere. Pasture feed 92% of normal. Hay, wheat good. Corn 91% planted, 92% 1993, 87% avg. First cut alfalfa 27% cut, 19% 1993, 27% avg. Clo-tim 27% cut, 3% 1993, 9% avg. Fieldwork in high gear. Winter injury widespread in vinifera varieties of grapes in Finger Lakes region. Development of grapes about one week behind normal due to coolness. Apple thinning results were very good. Heavy June drop expected. Orange Co onion growth behind normal. Early sweet corn tasselling. Late sweet corn planting continued. Planting of other vegetable crops remained very active. Strawberry harvest underway.

NORTH CAROLINA: Mean temperatures 78° at Wilmington to 71° at Greensboro. Rainfall 1.58 in. at Asheville to no precipitation at several locations.

Days suitable for fieldwork 4.5. Soil moisture 6% very short, 42% short, 49% adequate, 3% surplus. Crop conditions: Wheat 3% poor, 24% fair, 67% good, 6% excellent; pasture 2% very poor, 6% poor, 59% fair, 32% good, 1% excellent; field tobacco 18% fair, 76%

good, 6% excellent; corn 1% poor, 34% fair, 64% good, 1% excellent; cotton 4% poor, 43% fair, 53% good; peanuts 39% fair, 61% good; soybeans 2% poor, 33% fair, 65% good; hay 1% very poor, 7% poor, 52% fair, 39% good, 1% excellent; irish potatoes 37% fair, 63% good; sweet potatoes 29% fair, 71% good; apples 44% fair, 56% good; peaches 26% fair, 65% good, 6% excellent; truck crops 2% poor, 33% fair, 65% good; hay, roughage supplies 23% short, 75% adequate, 2% surplus; sorghum planted 78%, 75% 1993, 65% avg.; soybeans planted 60%, 71% 1993, 63% avg.; burley tobacco transplanted 89%, 73% 1993, 81% avg.; sweet potatoes 79%, 81% 1993, 80% avg.; irish potatoes harvested 5%, 7% 1993, 13% avg.; wheat harvested 26%, 25% 1993, 27% avg.; oats harvested 31%, 26% 1993, 29% avg.; barley harvested 38%, 36% 1993, 35% avg. rye harvested 40%, 26% 1993, 31% avg.; peaches harvested 8%, 4% 1993, 12% avg.; first cutting of hay is 90% complete with the second cutting 30% complete. Activities included: Cultivating tobacco, planting soybeans; cutting hay, cultivating crops. Other activities included: Transplanting burley tobacco, harvesting small grain, truck crops; tending livestock; equipment repair, general farm maintenance.

NORTH DAKOTA: Western third of the State was very wet last week. Precipitation 0.37 in. southeast to 2.55 in. west central. Temperatures 4° below normal north central to 1° above normal east central, southeast. Extremes 42° southwest; 86° southwest.

Days suitable for fieldwork 4.6. Topsoil 2% very short, 14% short, 76% adequate, 8% surplus. Subsoil 4% short, 89% adequate, 7% surplus. Emerged crop mostly good, small grain development continued into jointing stage equal to last year, behind average. Hard red spring wheat 1% poor, 17% fair, 71% good, 11% excellent; durum wheat 1%, 13%, 67%, 19%; barley 1%, 14%, 74%, 11%; oats 1%, 20%, 72%, 7%; corn 1%, 18%, 77%, 4%; soybeans 1%, 25%, 68%, 6%; sugarbeets 10%, 13%, 72%, 5%; flaxseed 0%, 14%, 75%, 11%; dry edible beans 1% 15% 79% 5%; sunflower 3%, 21%, 73% 3%; potatoes 0%, 22%, 78% 0%. Hard red spring wheat 65% emerged thru stooling, 34% jointing and beyond; 66%, 34% 1993; 57%, 43% avg.; durum wheat 80% emerged thru stooling, 17% jointing and beyond; 79%, 20% 1993; 72%, 26 avg.; barley 61% emerged thru stooling, 38% jointing and beyond; 61%, 39% 1993; 53%, 47 avg.; oats 65% emerged thru stooling, 34% jointing and beyond; 67%, 32% 1993; 57%, 41% avg. Corn 94% emerged, 89% 1993, 90% avg.; flaxseed 87% emerged, 86% 1993, 84% avg.; potatoes 76% emerged, 67% 1993, 77% avg.; soybeans 97% emerged, 81% 1993, 88% avg.; dry edible beans 85% emerged, 78% 1993, 83% avg.; sunflower 84% emerged, 68% 1993, 73% avg. Height of emerged late season crops: Corn 8 in.; soybeans, sunflower, sugarbeets 4 in.; flaxseed, dry edible beans, potatoes 3 in. Spraying of broadleaf weeds was 52% complete, wild oats 68%. Range, pastures feed 94%; hay crop 90% of normal. Alfalfa hay first cutting 10% complete, other hay 1%. Stockwater supplies 96% adequate, 4% surplus.

OHIO: Series of frontal systems failed to bring much precipitation to the State. Rainfall through south, east-central sections of the State did little to improve crop condition. Through northern, western areas precipitation 0.25 in. or less were common. Only in the south, east-central districts did totals rise above 1.00 in. Mercuries within 2° of normal over the northern part of the State with mercuries some 3° above normal central, south. Highs near 80° to the mid 80s with mean lows from the low 50s to near 60°. Temperatures reached the mid 60s to low 70s.

Days suitable for fieldwork 6.5. Soil moisture 78% short, 22% adequate. Winter headed 98%, 91% 1993, 93% avg. Oats headed 35%, 23% 1993, 31% avg. Soybeans emerged 90%. Strawberries harvested 22%, 25% 1993, 37% avg. Hay 2% very poor, 9% poor, 39% fair, 44% good, 6% very good. Pasture feed 6% very poor, 12% poor, 41% fair, 38% good, 3% excellent.

OKLAHOMA: Temperatures 2° above normal north central to 5° above normal southwest. Precipitation 0.18 in. central to 2.04 in. Panhandle.

Days suitable for fieldwork 5.1 Topsoil 7% short, 87% adequate, 6% surplus. Subsoil 18% short, 82% adequate. Oats 90% soft dough, 66% 1993, 88% avg.; 9% harvested, 6% 1993, 17% avg. Barley 92% soft dough, 68% 1993, 72% avg.; 20% harvested, 8% 1993, 14% avg. Corn 1% fair, 98% good, 1% excellent; 12% tasselling, 20% 1993, 8% avg. Soybeans 97% planted, 39% 1993, 52% avg.; 80% up to stand, 21% 1993, 29% avg. Peanuts 83% planted, 87% 1993, 67% avg.;

65% up to stand, 65% 1993, 45% avg.; 1% pegging, none 1993, 1% avg. Pasture 96% normal. Feeders steady to \$2.00 lower. Calves steady.

OREGON: Temperatures slightly above normal western sections; 2 to 3° below normal eastern sections. Precipitation 0.50 to 1.50 in. coast, northwestern interior, south western interior 0.10 to 0.30 in., less than 0.50 in. eastern sections.

Soil moisture 26% short, 74% adequate. Winter wheat 2% very poor, 10% poor, 31% fair, 41% good, 16% excellent; 93% headed. Barley 97% planted. Eastern areas alfalfa hay harvest continued. Western areas rains delayed/damaged hay harvest, winter wheat started to turn color, some septoria damage reported in grain crops. Columbia Basin of Oregon grain crops also turned color. Frost damage reported in extreme northeastern areas, Klamath Basin. Klamath Basin, central district potato emergence underway. Malheur County onions ahead of normal, potatoes looked good. Willamette Valley: Vegetable planting continued, sugarbeets for seed emerged, setting seed, strawberry harvest at peak, Marionberries, raspberries developing rapidly, blueberry harvest expected shortly. Some early raspberry harvest underway, southern Willamette Valley. Cherry harvest complete, Milton-Freewater district heavy splitting caused much fruit to remain unpicked. Dalles district sweet cherry harvest expected soon, 15% splitting damage. Willamette Valley cherries good fruit set, light splitting reported. Pear, apple districts continued normal spray schedules. Cranberries bloom stage; southern coast. Livestock good to excellent. Range, pasture 88% of normal. Recent rains improved pasture conditions. Hay quality was a concern to livestock producers, over-ripened hay or rain damaged hay very abundant. Some range fire concern, southwestern sections.

PENNSYLVANIA: Cool temperatures midweek; high temperatures rest of week. Severe hail, thunderstorms in some areas. Temperature 71°, 7° above normal. Extremes 35°; 91°. Precipitation 1.18 in., 0.31 in. above normal.

Days suitable for fieldwork 5. Soil moisture 39% short, 59% adequate, 2% surplus. Corn 95% planted, 94% 1993, 89% avg.; height 7 in., 6 in. 1993, 6 in. avg.; 3% poor, 27% fair, 52% good, 18% excellent. Tobacco 60% transplanted, 56% 1993, 50% avg. Soybeans 86% planted, 80% 1993, 66% avg.; 2% poor, 28% fair, 46% good, 24% excellent. Barley 100% boot, 99% 1993; 98% heading or headed, 96% 1993; 45% turning yellow, 37% 1993. Wheat 100% boot, 99% 1993; 92% heading or headed, 94% 1993; 10% turning yellow, 5% 1993; 3% very poor, 6% poor, 21% fair, 46% good, 24% excellent. Oats 5% poor, 26% fair, 53% good, 16% excellent. Alfalfa first cutting 67% complete, 56% 1993. Quality of hay made 2% poor, 31% fair, 67% good. First cutting timothy clover 39% complete, 37% 1993. Feed from pastures good to excellent. Apple 26% below avg., 70% avg., 4% above avg. Activities: Planting corn, soybeans; transplanting tobacco; making hay; spraying pesticides; hauling manure; caring for livestock.

PUERTO RICO: Rainfall 0.76 in. was 0.62 in. below normal. Highest total rainfall 3.30 in. at Sebastian, 2.46 in. at San Juan WSFO, 2.06 in. at Dos Bocas. Island temperatures 81 to 82° on the coasts, 76 to 78° interior with mean station temperature 83.6° at Trujillo Alto to 66.4° at Pico del Este. Extremes 60°; 96°.

SOUTH CAROLINA: Rain 2.10 in. Temperatures 2° above normal.

Days suitable for fieldwork 4.3. Soil moisture 32% short, 66% adequate, 2% surplus. Tobacco fair to good; 11% topped, 6% 1993, 13% avg. Corn fair to good; 37% silked, 11% 1993, 18% avg; 6% doughing, 0% 1993, 0% avg. Cotton fair to good; 10% squaring, 11% 1993, 10% avg.; 0% setting bolls, 0% 1993, 0% avg. Cantaloupes fair to good; 9% harvested, 7% 1993, 5% avg. Watermelons fair to good; 6% harvested, 0% 1993, 0% avg. Cucumbers fair to good; 62% harvested, 37% 1993, 35% avg. Snapbeans fair to good; 90% planted, 90% 1993, 89% avg. Tomatoes good; 22% harvested, 0% 1993, 14% avg. Oats fair to good, some good; 95% ripe, 86% 1993, 88% avg.; 73% harvested, 44% 1993, 47% avg. Rye fair to good; 83% ripe, 79% 1993, 82% avg; 57% harvested, 27% 1993, 39% avg. Wheat good; 98% ripe, 88% 1993, 90% avg.; 59% harvested, 36% 1993, 47% avg. Peaches fair to good; 13% harvested, 8% 1993, 14% avg. Sorghum fair; 51% planted, 68% 1993, 56% avg. Pasture fair to good.

SOUTH DAKOTA: Temperatures within few degrees of normal. Extremes 33°; 91°. Precipitation greatest south central, northwest 1.00 to 2.00 in. Heaviest 4.33 west central.

Days suitable for fieldwork 5.4. Topsoil 3% very short, 31% short, 55% adequate, 11% surplus. Subsoil 2% very short, 30% short, 53% adequate, 15% surplus. Winter wheat 95% boot, 84% 1993, 93% avg. Winter rye 5% poor, 25% fair, 59% good, 11% excellent; 93% boot, 83% 1993, 92% avg.; 92% headed, 57% 1993, 78% avg. Spring wheat 60% boot, 23% 1993, 51% avg. Barley 1% very poor, 9% poor, 28% fair, 53% good, 9% excellent; 58% boot, 24% 1993, 50% avg.; 15% headed, 0% 1993, 18% avg. Oats 1% very poor, 5% poor, 27% fair, 59% good, 8% excellent; 66% boot, 23% 1993, 56% avg.; 19% headed, 0% 1993, 22% avg. Flax 5% poor, 44% fair, 51% good; 80% planted, 86% 1993, 93% avg.; 78% emerged, 84% 1993, 83% avg. Sunflower 1% poor, 23% fair, 71% good, 5% excellent; 99% planted, 70% 1993, 67% avg. Corn avg. height 9 in., 4 in. 1993, 6 in. avg.; 39% cultivated once, 8% 1993, 29% avg. Alfalfa 47% 1st cutting, 15% 1993, 24% avg. Livestock 3% fair, 80% good, 17% excellent. Feed supply 9% short, 84% adequate, 7% surplus. Pastures 90% of normal. Water supply 78% adequate, 22% surplus. Producers busy cutting alfalfa hay, cultivating row crops.

TENNESSEE: Temperatures, precipitation above normal.

Days suitable for fieldwork 2.5. Soil moisture 3% short, 63% adequate, 34% surplus. Corn 1% tasseling, 0% 1993, 2% avg.; 16% fair, 76% good, 8% excellent. Cotton 8% squaring, 4% 1993, 3% avg.; 4% poor, 53% fair, 43% good. Sorghum 88% planted, 94% 1993, 83% avg.; 29% fair, 68% good, 3% excellent. Soybeans 55% planted, 63% 1993, 53% avg.; 31% fair, 62% good, 7% excellent. Tobacco 92% transplanted, 90% 1993, 87% avg.; 15% fair, 78% good, 7% excellent. Wheat 57% ripe, 25% 1993, 47% avg.; 3% harvested, 3% 1993, 8% avg. Alfalfa 8% 2nd cut, 3% 1993, 8% avg.; 1% poor, 10% fair, 86% good, 3% excellent. Pasture, 18% fair, 75% good, 7% excellent. Cattle, 9% fair, 86% good, 5% excellent.

TEXAS: Hot conditions developed last week, with all districts reporting above normal temperatures. Departures 1° Southern Texas, Lower Valley to 6° Trans Pecos. Most other district 2 to 3°. Unlike temperatures, precipitation fell unevenly, with heavy amounts in East Texas, Upper Coast, Lower Valley. In contrast, the Low Rolling Plains, North Central Texas, South Central Texas, the Edwards Plateau reported below normal precipitation last week. Some of the largest individual station 5.25 in. at Beaumont/Port Arthur, 2.90 in. at Longview, 3.92 in. at Lake Livingston. Mean soil temperature last week ranged from upper 70s to upper 80s. The range of mean soil temperature was from 76° at Bushland to 89° Beeville, San Angelo. Highest daily soil maximum temperature was 104° at Beeville, while the lowest daily minimum soil temperature was 61° at Bushland.

Crops: Corn fields in Plains made excellent progress, with cultivation, sidedressing activities occurring. Fields in Blacklands were wilting, showing signs of stress. Producers were busy with irrigation activities across Texas. Corn 90% normal, 84% 1993; 47% silked, 38% 1993; 24% dough, 13% 1993; 1% dented, 1% 1993. In Plains, cotton made good progress, however, some fields were beginning to stress from hot temperatures. Planting activities began to wind down in the Plains. Cultivation activities, insecticide applications were active in Blacklands. In Rio Grande Valley, where the first bale of cotton was ginned last week, rains lightened stress on most fields. Cotton 87% normal, 78% 1993; 9% setting bolls, 8% 1993. Planting activities continued in most areas. In Cross Timbers, planting activities resumed following delays due to recent wet conditions. Earlier planted fields have emerged, were showing signs of good progress. In South Texas irrigation continued. Rice 51% planted, 48% 1993. Producers in Upper Coast sprayed for disease, insects. Rice was virtually all emerged, making excellent progress. Condition 93% normal, 83% 1993. Sorghum made good progress in Blacklands, beginning to show signs of stress due to heat. Planting neared completion in High Plains, stands were emerging. A few early fields in Rio Grande Valley were harvested. Sorghum 88% normal, 82% 1993; 47% headed, 35% 1993; 21% turning color, 14% 1993; 2% mature, 0% 1993. Soybeans planting continued across State. Fields in Blacklands, East Texas made good progress. In Upper Coast, beans continued to make excellent progress, showed signs of a good crop. Sunflowers 74% planted, 71% 1991. Small grains extreme high temperatures in High Plains caused wheat to mature rapidly. Harvest began in High Plains, continued in full swing across

the rest of the State. Oat harvest also continued to make good progress. Plowing of harvested fields was active. Wheat 52% normal, 76% 1993. Oats 40% harvested, 42% 1993.

Commercial Vegetables: Rio Grande Valley cantaloupe, honeydew, watermelon harvest was winding down. Peppers made good progress. San Antonio-Winter Garden cantaloupe harvest was active. Cucumber, cabbage harvest continued, preparations were made for watermelon harvest. Trans-Pecos cantaloupe harvest began. Cabbage, onion harvest continued. East Texas sweet potato planting began to wind down. Watermelons continued to set fruit. Harvest of sweet corn, beans, onions, irish potatoes, cucumbers continued. Blackberries, blueberries began to turn color, showed signs of an excellent crop. High Plains onions continued to make good progress. Peaches harvest continued in full swing in Edwards Plateau, Blacklands, East Texas. Early variety harvest began in Cross Timbers, Plains, while other varieties continued to make good progress. Pecans in Cross Timbers continued to look good with casebearer activity remaining light. In South Central Texas, nuts continued to make excellent progress. In other areas, casebearer spraying continued.

Range and Livestock: Hay cutting, baling activities remained in full swing. Pasture conditions began to decline as hot, dry conditions continued. Fertilization continued in areas where conditions were favorable. Brush control activities also continued. Livestock remained in fair to good condition.

UTAH: Temperature 4° above normal; minimums 1° above normal. Little to no precipitation.

Days suitable for fieldwork 6.9. Soil moisture 84% short, 16% adequate. Spring wheat jointed 98%, 83% 1993; heading or better 56%, 40% 1993, 41% avg. Barley jointed 99%, 81% 1993; heading or better 56%, 35% 1993, 45% avg. Oats jointed 74%, 55% 1993, 68% avg.; heading or better 30%, 14% 1993. Winter wheat heading or better 85%, 82% 1993, 75% avg. Corn height 11 in., 7 in. 1993, 8.6 in. avg. Alfalfa hay 1st cutting 87% completed, 48% 1993, 53% avg. Other hay cutting 32% completed, 10% 1993, 13% avg. Dry beans planted 72%. Cattle moved to summer range 88%, 85% 1993. Sheep moved to summer range 73%, 82% 1993, 79% avg. Pasture, range good to excellent. Major farm activities: Harvesting alfalfa, irrigating, moving cattle, sheep. Dry weather across the State has caused stress on dryland crops, range land. Light frost in the north, damage cannot be accessed at this time.

VIRGINIA: Temperatures near to slightly above normal. Extremes 40°, 97°. Precipitation was below normal.

Days suitable for fieldwork 5.5. Topsoil 24% very short, 45% short, 29% adequate, 2% surplus. Pasture feed 3% very poor, 41% poor, 47% fair, 9% good. Alfalfa hay 1% very poor, 17% poor, 56% fair, 26% good. Other hay 4% very poor, 35% poor, 55% fair, 6% good. Apple 4% fair, 53% good, 43% excellent. Flue tobacco 12% poor, 60% fair, 28% good. Fire tobacco 15% poor, 59% fair, 26% good. Burley tobacco 2% fair, 65% good, 33% excellent. Potato 10% fair, 90% good. Corn 100% planted, 99% 1993, 98% avg.; 1% very poor, 9% poor, 66% fair, 23% good, 1% excellent. Soybeans planted 60%, 49% 1993, 54% avg.; 2% very poor, 6% poor, 52% fair, 40% good. Peanut 50% fair, 50% good. Fire tobacco transplanted 100%, 99% 1993, 96% avg.; 15% poor, 59% fair, 26% good. Burley tobacco transplanted 87%, 80% 1993, 87% avg.; 2% fair, 65% good, 33% excellent. Sun tobacco transplanted 100%, 100% 1993, 100% avg. Wheat 6% harvested, 1% 1993, 15% avg. Oats 15% harvested, 7% 1993, 15% avg. Barley 30% harvested, 17% 1993, 36% avg. Cultivating tobacco; harvesting hay; irrigating potatoes, vegetables; staking tomatoes; spraying fruit trees.

WASHINGTON: Temperatures 3° below normal to 2° above normal west; 5° below normal to 1° above normal east. Precipitation 0.09 to 1.07 in. west; 0.03 to 1.25 in. east.

Days suitable for fieldwork 5.4. Soil moisture 40% short, 58% adequate, 2% surplus. Hay, other roughage supplies 2% very short, 15% short, 82% adequate, 1% surplus. Range, pasture 3% very poor, 28% poor, 41% fair, 27% good, 1% excellent. Winter wheat dryland 1% very poor, 14% poor, 33% fair, 47% good, 5% excellent; irrigated 91% good, 9% excellent. Spring wheat dryland 3% very poor, 17% poor, 45% fair, 35% good; irrigated 1% fair, 93% good, 6% excellent. Barley dryland 11% very poor, 13% poor, 48% fair, 26% good, 2% excellent; irrigated 100% good. Potatoes 2% fair, 98% good. Dry edible beans 100% good. Corn 5% fair, 95% good. Winter wheat 92% headed, 80% 1993, 85% avg. Spring wheat 76% headed, 28% 1993, 50% avg. Barley 74% headed, 22% 1993, 54% avg. Potatoes 100% emerged, 100% 1993, 99% avg. Dry beans 85% planted, 80% 1993, 92% avg. Corn 98% planted, 99% 1993, 100% avg. Alfalfa, first cutting, 68% completed, 60% 1993, 65% avg.; second cutting, 3% complete, 1% 1993, 3% avg.

WEST VIRGINIA: Temperature 70°. Extremes 45°, 95°. Precipitation 1.24 in.

Days suitable for fieldwork 5.4. Soil moisture 4% very short, 73% short, 23% adequate. Soil prepared 97%, 90% 1993. Barley good; ripe 64%, 65% 1993. Wheat good; headed 94%, 100% 1993; ripe 5%. Hay 32% fair, 68% good; first cutting 57%, 45% 1993, 34% avg. Apples 50% poor, 50% fair. Peaches 100% very poor. Corn 2% very poor, 5% poor, 23% fair, 70% good; planted 93%, 91% 1993, 91% avg.; emerged 74%, 80% 1993, 83% avg. Oats 13% fair, 87% good; emerged 97%, 100% 1993, 90% avg. Tobacco 76% fair, 24% good; set 80%, 68% 1993, 77% avg. Gardens 10% poor, 45% fair, 45% good; planted 93%, 80% 1993, 79% avg.; emerged 76%, 65% 1993, 67% avg. Soybeans 27% fair, 73% good; planted 67%, 70% 1993; emerged 42%, 50% 1993. Pastures 2% poor, 32% fair, 66% good; 86% of normal. Cattle 4% fair, 93% good, 3% excellent. Sheep 23% fair, 76% good, 1% excellent. Farm activities: Cutting hay, gardening, plowing, planting, equipment maintenance.

WISCONSIN: Weather and crop data unavailable.

WYOMING: Temperatures above normal except parts of northwest. Temperatures 3° below normal in Jackson to 5° above normal in Archer. Precipitation 0.20 to 0.60 in. below normal. Exception was Sheridan which received the largest amount of rain with 1.13 in.

Days suitable for fieldwork 6.7. Topsoil 91% short, 9% adequate. Winter wheat 46% poor, 27% fair, 27% good with 1% emerged/not jointed, 8% 1993, 20% avg.; 1% jointed/not in boot, 23% 1993, 18% avg.; 11% boot, 21% 1993, 30% avg.; 87% headed, 48% 1993, 32% avg. Spring wheat 17% poor, 51% fair, 32% good with 100% emerged, 100% 1993, 99% avg.; 74% jointed; 36% boot; 14% headed. Oats 6% poor, 36% fair, 49% good, 9% excellent; 97% emerged, 96% 1993, 95% avg.; 62% jointed; 23% boot; 3% headed. Barley 2% poor, 17% fair, 62% good, 19% excellent; 98% emerged, 94% 1993, 97% avg.; 82% jointed; 67% boot; 18% headed. Sugarbeets 25% fair, 47% good, 28% excellent; 100% emerged, 98% 1993, 98% avg.; 67% thinned, 40% 1993, 47% avg. Corn 3% fair, 97% good; 99% emerged, 86% 1993, 87% avg. Dry beans 100% planted, 57% 1993, 48% avg.; 80% emerged, 26% 1993, 33% avg. Alfalfa 13% first cutting, 7% 1993, 5% avg. Insect, disease infestation 5% none, 49% light, 42% moderate, 4% severe. Irrigation water supplies 35% short, 65% adequate. Range flock ewes lambing 96%. Percent cattle, calves moved to summer ranges 82%, 75% 1993. Percent sheep, lambs moved to summer ranges 72%, 63% 1993.

(Continued from front cover)

dry Southeast, Greenville, SC received 3.58 inches, and Charlotte, NC collected 1.31 inches. But farther north, less than one-tenth of an inch fell at locations such as Salisbury, MD, Toledo, OH, Peoria, IL, and Houghton Lake, MI. Higher totals in the northern and central Plains included 2.93 inches in Williston, ND and 3.48 inches in North Platte, NE. In Montana, more than 1 inch dampened Havre and Glasgow. Portland, OR, which received more than 1 inch of rain, was at the southern fringe of cool weather. In California, heat

intensified, with daily records and triple-digit heat appearing in inland valleys by Friday. Redding reached 106°F and San Jose notched 101°F. Earlier in the week, heat gripped the South-Central States, and made a foray into the Plains. Daily records included 98°F in Scottsbluff, NE on Tuesday, and 102°F in Dodge City, KS on Wednesday. Also at midweek, Lubbock, TX registered 103°F and Midland, TX soared to 107°F. Meanwhile, cool air filtered into the northern Plains and the Midwest. Lows on Thursday dipped to daily record levels at a half-dozen locations, including Butte, MT (27°F) and Lansing, MI (33°F).

The Bulletin and the Information Highway

Much of the text and tabular content of the *Weekly Weather and Crop Bulletin* is available electronically, although not as a complete package, and can be retrieved via a personal computer and modem. Both USDA and the National Weather Service's Climate Analysis Center (CAC) provide on-line access to material found in our publication and additional material that our readers might find interesting.

Climate Analysis Center

CAC's Climate Dialup Service (CDUS) contains all of the weather data in the Bulletin, including all tabular data. Though none of the maps are available, the data used to create the maps are. In addition, the file listed as WXCPSMYI has the weekly U.S. highlights from the cover of the Bulletin and the international summaries located near the end. A second file (WXCPSMYH) has the international highlights. These narratives are usually available by late Tuesday afternoon (or Wednesday, if Monday is a Government holiday).

CDUS can be accessed at 300 to 9600 bps and costs \$1 for each minute. Long-distance phone service to the Maryland site is extra, but access is also available through the Internet. Call Joanna Dionne or George Fulwood (301-763-4670) to register.

Tabular data available on CDUS include the weekly precipitation data for U.S. cities (WCTYYPRCP), weekly temperature data (WCTYTEMP), cumulative growing degree days (GRODGREE), and weekly and cumulative cooling and heating degree day summaries for U.S. cities (WSACDDY and WSAHDDY). The weekly Palmer moisture indices (WPCENTR, for example) are available on Monday afternoon and include drought and crop moisture indices for each State's climate division. Those readers monitoring international weather can obtain weekly (WFOREIGN) and monthly (MFOREIGN) city temperature and precipitation.

CDUS has other products not in the Bulletin that can be useful, including precipitation data from a high-density U.S. network (HIDYPRCP) and a 3-month projection of Palmer indices based on climatological probabilities (PPDEAST, for example). There is also a global data set with 2 weeks of daily information, as well as weekly and monthly summaries, for over 6,000 stations.

The special, non-routine articles published occasionally in the Bulletin (such as this one) are not currently accessible electronically.

USDA

The agricultural information in the Bulletin is available from CIDS and Call-ERS/NASS Bulletin Board.

USDA's Computerized Information Delivery Service (CIDS) offers hundreds of reports on-line and is the principal means of transmitting time-sensitive material to the media and public. Though the CID Service is a USDA service, USDA contracts with Martin Marietta Corporation for use of its computers and support staff.

CIDS' customers are mainly corporate, university, and government, and include a number of electronic news services. However, individuals can access this electronic bulletin board, especially since monthly minimum charges have recently dropped to \$25. Each page costs \$0.50. (Call Jim Borland in USDA at 202-690-0469 for further information.)

CIDS contains the weather and crop summaries in the Bulletin as well as the Crop Progress and Condition Tables. The text includes the National Agricultural Summary, along with the U.S. and international weather summaries and highlights. State agriculture offices provide CIDS with the complete versions of the State Summaries of Weather and Agriculture located in the Bulletin. A preliminary version of the Crop Progress and Condition Tables is available on CIDS after 4 p.m. Eastern time on Monday (Tuesday, if Monday is a holiday). The weather and crop summaries are usually available early Tuesday afternoon.

Call-ERS/NASS has the preliminary crop tables by 9 a.m. Tuesday. The cost varies among reports accessed, the latter being \$53 a year. On your modem, dial 1-800-821-6229 or 1-202-219-0378 (1200/2400/9600 bps, 8,N,1) for more information. The ERS bulletin board is also available to Internet users: telnet fedworld.gov, login as a FedWorld user (free), and connect to BBS #113.

--Douglas Le Comte

International Weather and Crop Summary

HIGHLIGHTS

June 5 - 11, 1994

FSU-WESTERN: Unseasonably warm, dry weather in Russia accelerated crop development and lowered soil moisture in major agricultural areas.

FSU-NEW LANDS: Persistent dryness and periodic heat in Kazakhstan hampered spring grain emergence and establishment.

EUROPE: Substantial rain helped corn establishment in Romania, while cool weather slowed summer crop growth across much of Europe.

CANADA: Rain benefited emerging spring grains and oilseeds.

AUSTRALIA: Rain brought some relief to eastern winter wheat.

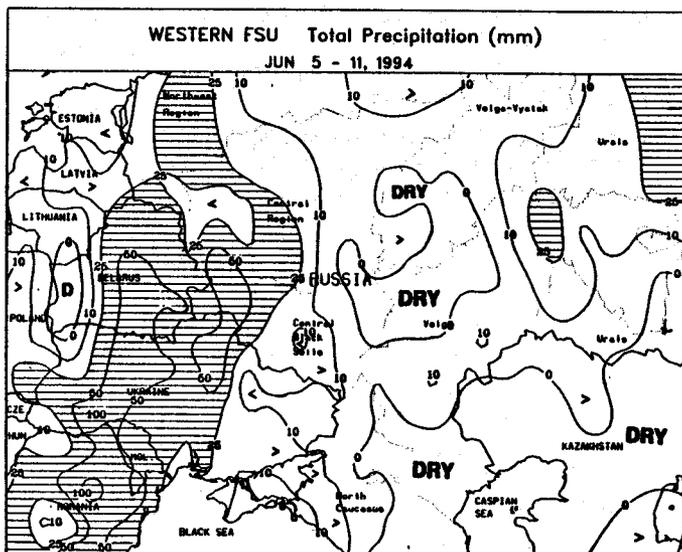
SOUTH ASIA: Monsoon rains progressed northward, boosting topsoil moisture in primary grain, oilseed, and cotton areas.

SOUTHEAST ASIA: Showers brought some additional flooding, covering major rice areas.

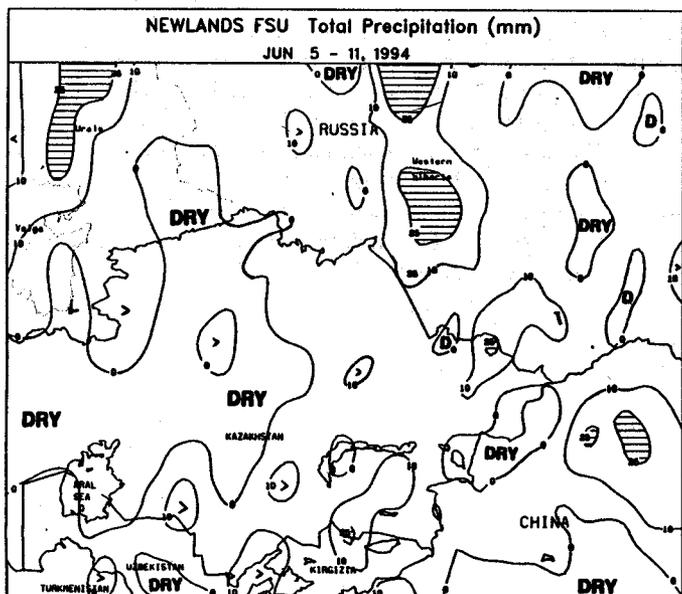
EASTERN ASIA: The North China Plain stayed mostly dry, but widespread rain elsewhere benefited rice and other summer crops.

SOUTH AMERICA: Early-week rain kept fields wet in southern Brazil, but topsoils became dry for winter wheat in Argentina.

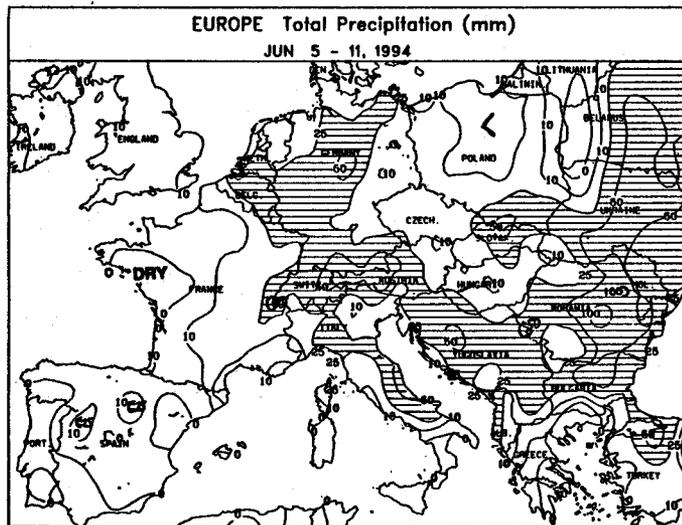
MEXICO: The wet season continued to lag behind schedule in western Mexico.



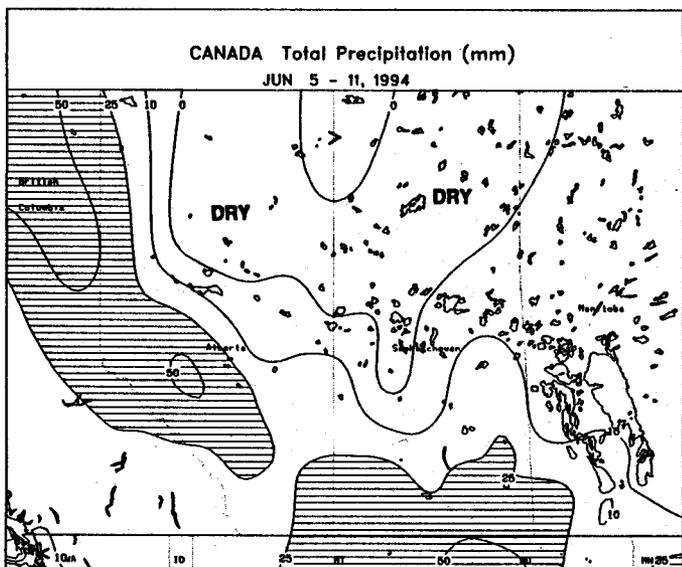
FSU-WESTERN: In Russia, unseasonably warm weather promoted crop development. Crop progress for winter wheat ranged from filling in the south to jointing and heading in the north. Spring grains were entering the heading stage in the south. Mostly dry weather over the Central Black Soils Region and Volga Vyatsk was beneficial, following persistent wetness. A drying trend, which began in early May, continued over major agricultural areas of North Caucasus and Volga Valley. In addition, weekly average temperatures were 2-4 degrees Celsius (C) above normal, with highest temperatures ranging from 31 to 35 degrees C. This combination of abnormal heat and dryness in these areas has lowered soil moisture. Soaking rain in Moldova and southwestern Ukraine ended a long dry spell, boosting soil moisture for filling winter grains and summer crops in the vegetative stage. Light precipitation covered Crimea and eastern Ukraine.



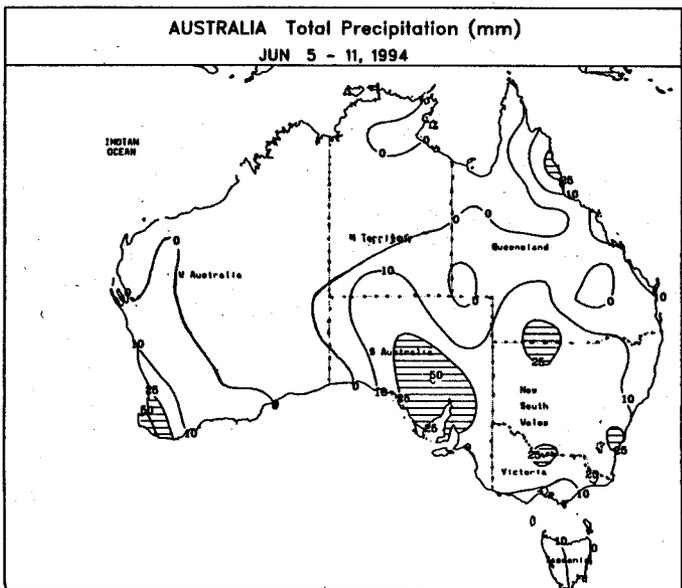
FSU-NEW LANDS: In Russia, hot, dry weather early in the week over Western Siberia was followed by cooler weather and light, scattered showers. Weekly average temperatures were 2-6 degrees C above normal, promoting rapid emergence. In Kazakhstan, the fourth consecutive week of dryness was accompanied by unseasonably warm weather. Highest weekly temperatures ranged from 31 to 37 degrees C. The persistent hot, dry weather in Kazakhstan has depleted soil moisture needed for spring grain germination and establishment. In cotton growing areas of Central Asia, most of the crop is irrigated. Seasonably hot weather favored cotton development.



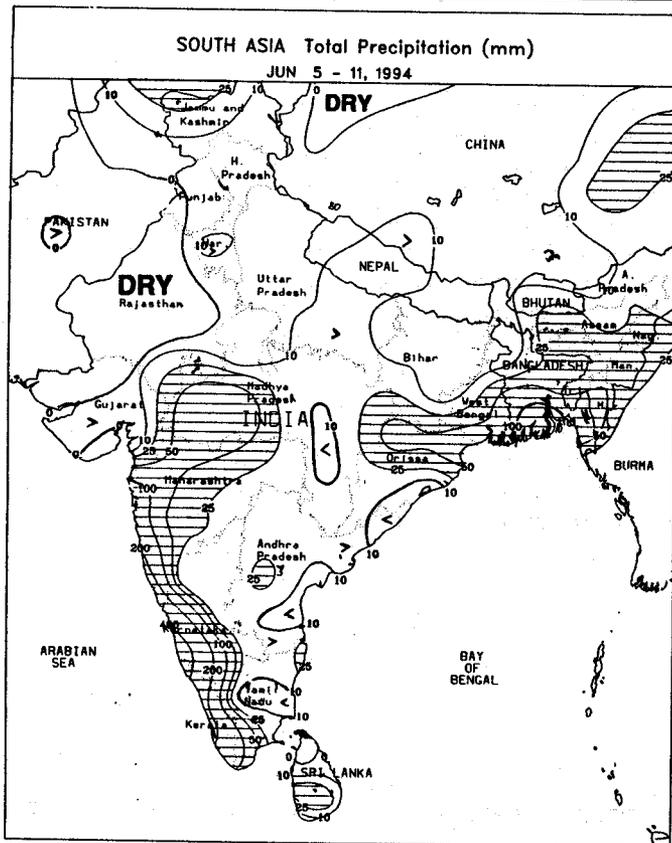
EUROPE: Widespread, locally heavy rain (20-70 mm, with isolated 100-163 mm amounts) soaked most corn areas of Romania, northern Bulgaria, and former Yugoslavia. While some flooding was reported, the moisture helped corn growth in southeastern Europe. Mostly dry weather along the Mediterranean region, from Spain to Greece, favored winter grain harvesting. Drier weather promoted winter crop maturation in France, where soil moisture is adequate for corn establishment. Showers (15-45 mm) over central Europe, from Germany to northern Italy, kept soils adequately moist for crop development. In northeastern Europe, variable showers (10-46 mm) helped filling winter crops and emerging summer crops from southern Poland to Hungary. Light showers (less than 10 mm) fell over northern Poland. Weekly temperatures averaged 1 to 4 degrees C below normal over most of Europe, except over the Iberian Peninsula, where temperatures averaged 2-5 degrees C above normal. Cool weather across northern Europe slowed crop growth. In Scandinavia, highly variable showers and cool weather continued to provide adequate moisture for crops lagging somewhat behind normal progress.



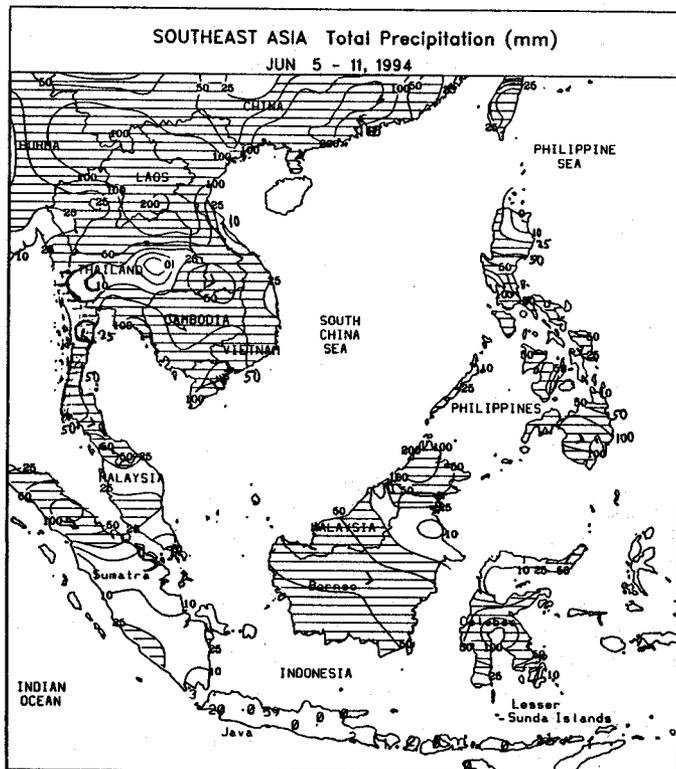
CANADA: Moderate showers (10-25 mm or more) accompanied seasonable temperatures across the Prairies, benefiting emerging grains and oilseeds. However, sections of Manitoba, including the Red River Valley, have been trending dry since late-May and topsoil moisture is limited for crop emergence and establishment. In the east, dry pockets have developed in southern Ontario, where corn and soybean planting was progressing.



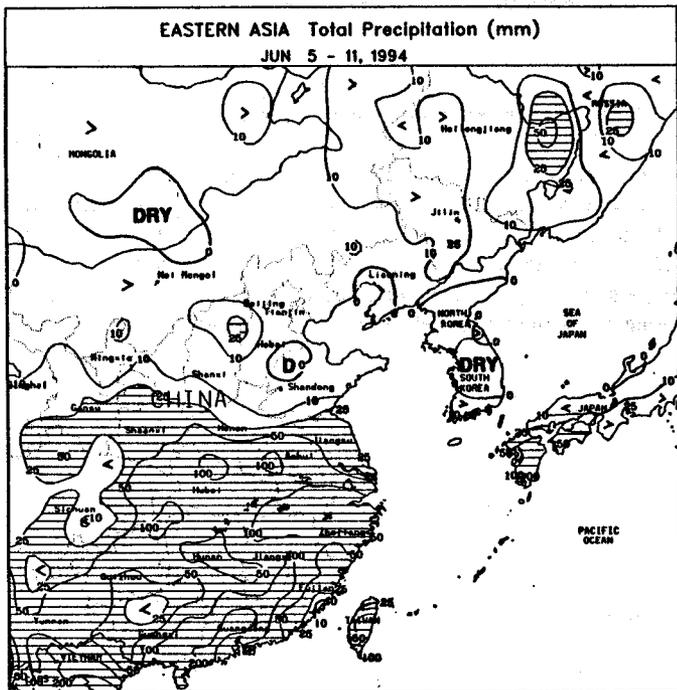
AUSTRALIA: Light to moderate rain fell throughout eastern Australia, increasing topsoil moisture for winter wheat germination and benefiting pastures. However, more rainfall is needed in wheat areas of Queensland and New South Wales, which received 15 mm or less. Heaviest rain (18 - 39 mm) fell in wheat areas of Victoria and South Australia. Rainfall was light (10 mm or less) in wheat areas of West Australia, promoting planting activities following last week's beneficial rain. Temperatures averaged within 1 degree C of normal across the wheat belt.



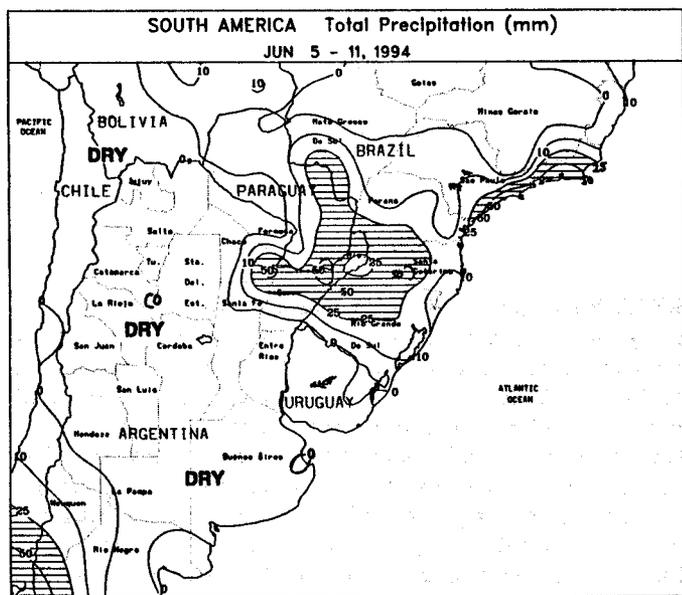
SOUTH ASIA: Heavy rain (100-200 mm or more) fell over west coast rice areas as far north as Bombay. Moderate showers (15-91 mm) in the southern interior increased topsoil moisture in important grain, oilseed, and cotton areas. Scattered showers (5-50 mm or more) also continued in eastern rice areas. Across the north, very hot weather persisted in Pakistan and much of northern and central India, although shower activity late in the period brought temperatures down to more seasonable levels. The monsoon normally becomes established in the north in early- to mid-July.



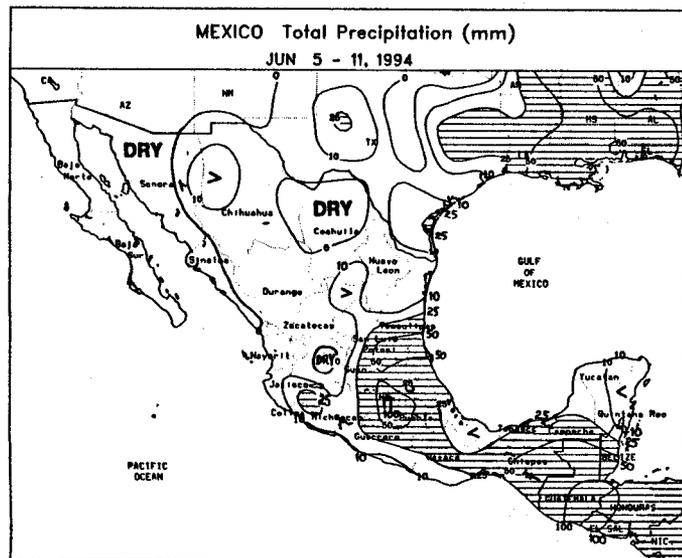
SOUTHEAST ASIA: Moderate to heavy showers (25-100 mm or more) continued over most Indochinese rice areas, increasing moisture supplies but causing additional flooding, especially along the Mekong River. In contrast, drier-than-normal weather (total precipitation 25 mm or less) returned to a large section of central Thailand, reducing moisture available to corn and rice, including rainfed crops in the Khorat Plateau. To the south, rainfall ranged from 10 to 49 mm in primary oil palm areas of western Malaysia, but generally heavier rain (25-100 mm or more) covered peninsular Thailand and eastern Malaysia. In the Philippines, beneficial rain (25-113 mm) covered the major corn, rice, and sugarcane areas.



EASTERN ASIA: Widespread, moderate to heavy showers (50-100 mm or more) covered the middle and lower Yangtze Valley, increasing moisture for rice and other summer crops. However, excessive rain (100-200 mm) fell as the remnants of Tropical Storm Russ merged with a front over east-central China. Some flooding occurred at the mouth of the Yangtze River. The storm made landfall earlier in the period in western Guangdong, bringing inundating rain (100-200 mm or more) to important rice and sugarcane areas. Despite the local flooding, nearly every major summer crop area as far north as southern Henan received at least 10-25 mm of rain. Further north, drier-than-normal conditions persisted over the North China Plain, favoring maturing wheat but reducing moisture for summer planting. Temperatures in the low to mid 30's C exacerbated topsoil dryness from Shandong to Beijing, and extended northward to western Manchuria. However, scattered showers (10-28 mm) covered most Manchurian spring wheat areas.



SOUTH AMERICA: In southern Brazil, early-week showers (20-59 mm) kept fields too wet for winter wheat planting, but drier weather during the latter half of the week improved field conditions. Locally heavy showers (30-70 mm) also fell in southern Paraguay and extreme northeastern Argentina, where cotton harvesting has been slowed by wetness. Dry weather prevailed over most of Argentina, favoring late winter wheat planting and summer crop harvesting. Topsoils are becoming dry for winter wheat establishment, especially in southern Buenos Aires.



MEXICO: Scattered, beneficial showers fell over the Southern Plateau corn belt. The best coverage of rainfall continued to be in eastern and southern portions of the country, where 20-75 mm boosted topsoil moisture. Isolated, heavier showers (up to 148 mm) were also scattered over the southeast. However, rainfall remained deficient in the western corn belt. Dry weather continued over the west coast farming region, with only light, spotty showers (mostly less than 10 mm) across northern Mexico. Average maximum temperatures ranged in the low to middle 30's C over western Mexico, where the wet season normally begins in June.

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Crop Condition

for the Week Ending June 12, 1994

WINTER WHEAT

State	VP	P	F	G	EX
AR	0	0	22	74	4
CA	0	0	10	85	5
CO	3	8	37	41	11
GA	0	4	16	60	20
ID	0	1	14	64	21
IL	1	3	38	55	3
IN	1	2	30	63	4
KS	2	4	62	32	0
MI	1	9	30	50	10
MO	2	6	50	42	0
MT	0	4	21	50	25
NE	0	29	42	27	2
NC	0	3	24	67	6
OH	0	4	28	55	13
OK	8	12	45	35	0
OR	2	10	31	41	16
SD	0	10	32	52	6
TX	4	27	56	12	1
WA	1	13	30	51	5
19 State	3	10	45	38	4
Prev Week	2	9	46	39	4
Prev Year	1	3	30	53	13

CORN

State	VP	P	F	G	EX
CO	0	2	21	62	15
GA	0	1	55	37	7
IL	0	0	29	70	1
IN	0	8	58	33	1
IA	0	1	9	77	13
KS	0	1	15	81	3
KY	0	0	28	72	0
MI	1	9	30	50	10
MN	1	1	20	67	11
MO	0	2	51	44	3
NE	0	0	16	77	7
NC	0	1	34	64	1
OH	3	10	38	42	7
PA	0	3	27	52	18
SD	0	2	13	68	17
TX	0	0	10	76	14
WI	0	3	21	68	8
17 State	0	2	25	65	8
Prev Week	0	2	25	66	7
Prev Year	1	6	36	53	4

COTTON

State	VP	P	F	G	EX
AL	0	0	42	58	0
AZ	0	0	13	75	12
AR	0	6	38	56	0
CA	0	0	20	80	0
GA	0	1	21	61	17
LA	0	0	33	65	2
MS	0	0	22	71	7
MO	0	0	42	58	0
NM	0	20	40	40	0
NC	0	4	43	53	0
OK	0	0	0	100	0
SC	0	0	89	11	0
TN	0	4	53	43	0
TX	1	0	17	66	16
14 State	0	1	25	65	9
Prev Week	0	4	27	58	11
Prev Year	1	4	45	49	1

RICE

State	VP	P	F	G	EX
AR	0	0	15	85	0
CA	0	0	15	80	5
LA	0	0	44	54	2
MS	0	0	0	85	15
TX	0	0	0	83	17
5 State	0	0	16	83	1
Prev Week	0	0	14	80	6
Prev Year	0	4	45	50	1

SPRING WHEAT

State	VP	P	F	G	EX
ID	1	2	21	61	15
MN	0	1	25	69	5
MT	1	7	19	46	27
ND	0	1	17	71	11
SD	0	7	30	55	8
5 State	0	3	20	65	12
Prev Week	0	2	18	69	11
Prev Year	0	3	17	65	15

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

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