

WEEKLY WEATHER AND CROP BULLETIN

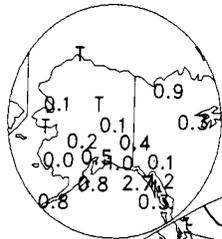
U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration,
National Weather Service

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

Volume 82, No. 26

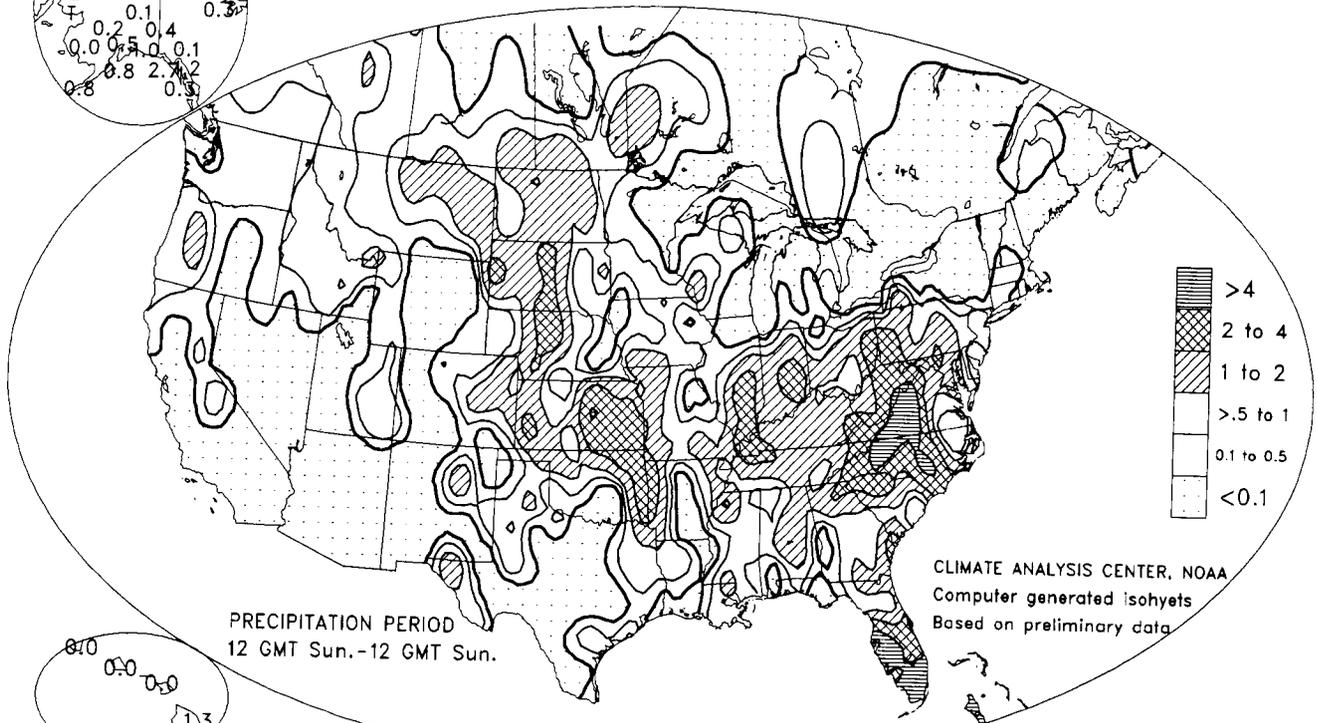
Washington, D.C.

June 27, 1995



Total Precipitation (Inches)

JUN 18 - 24, 1995



PRECIPITATION PERIOD
12 GMT Sun. - 12 GMT Sun.

CLIMATE ANALYSIS CENTER, NOAA
Computer generated isohyets
Based on preliminary data



HIGHLIGHTS

June 18 - 24, 1995

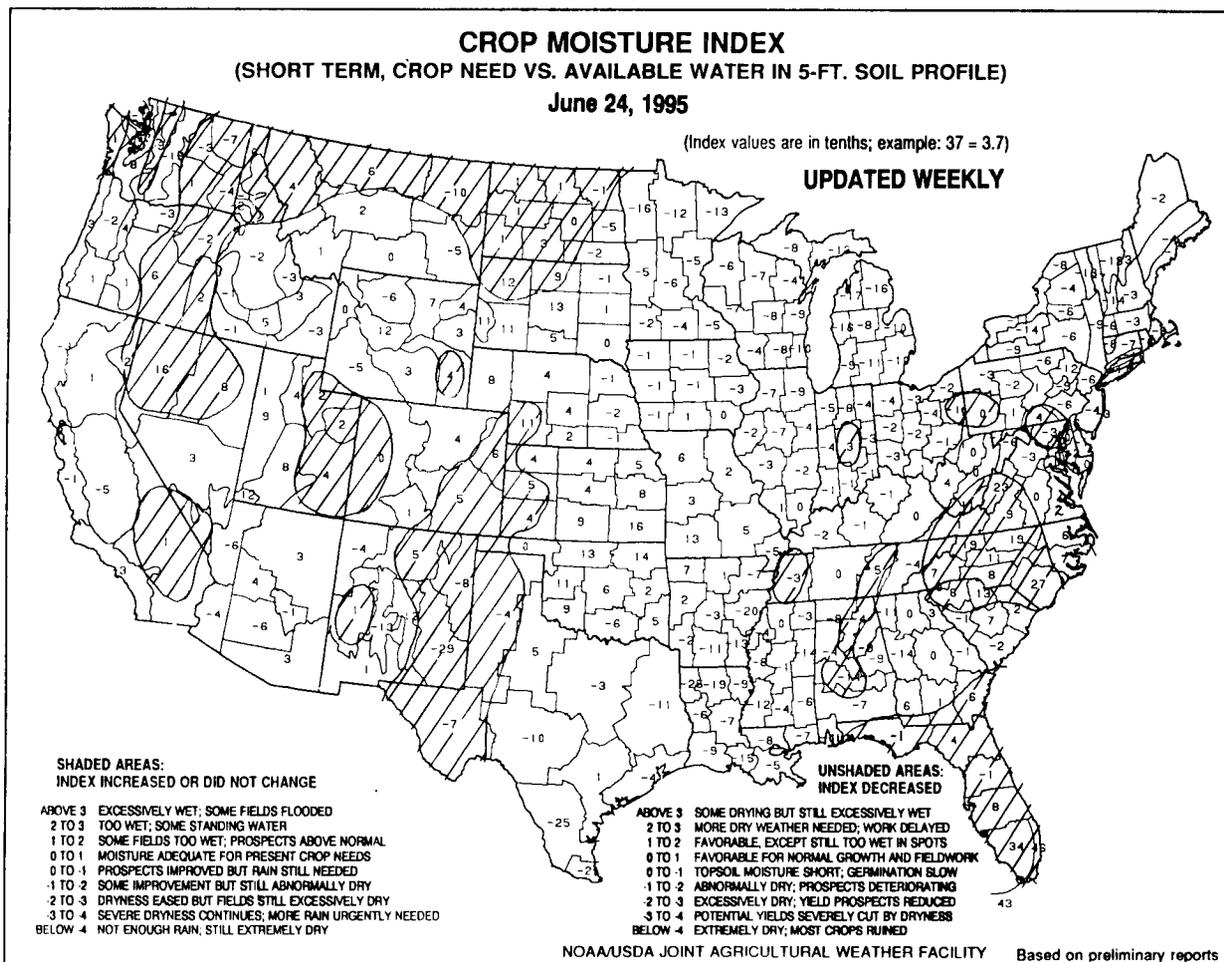
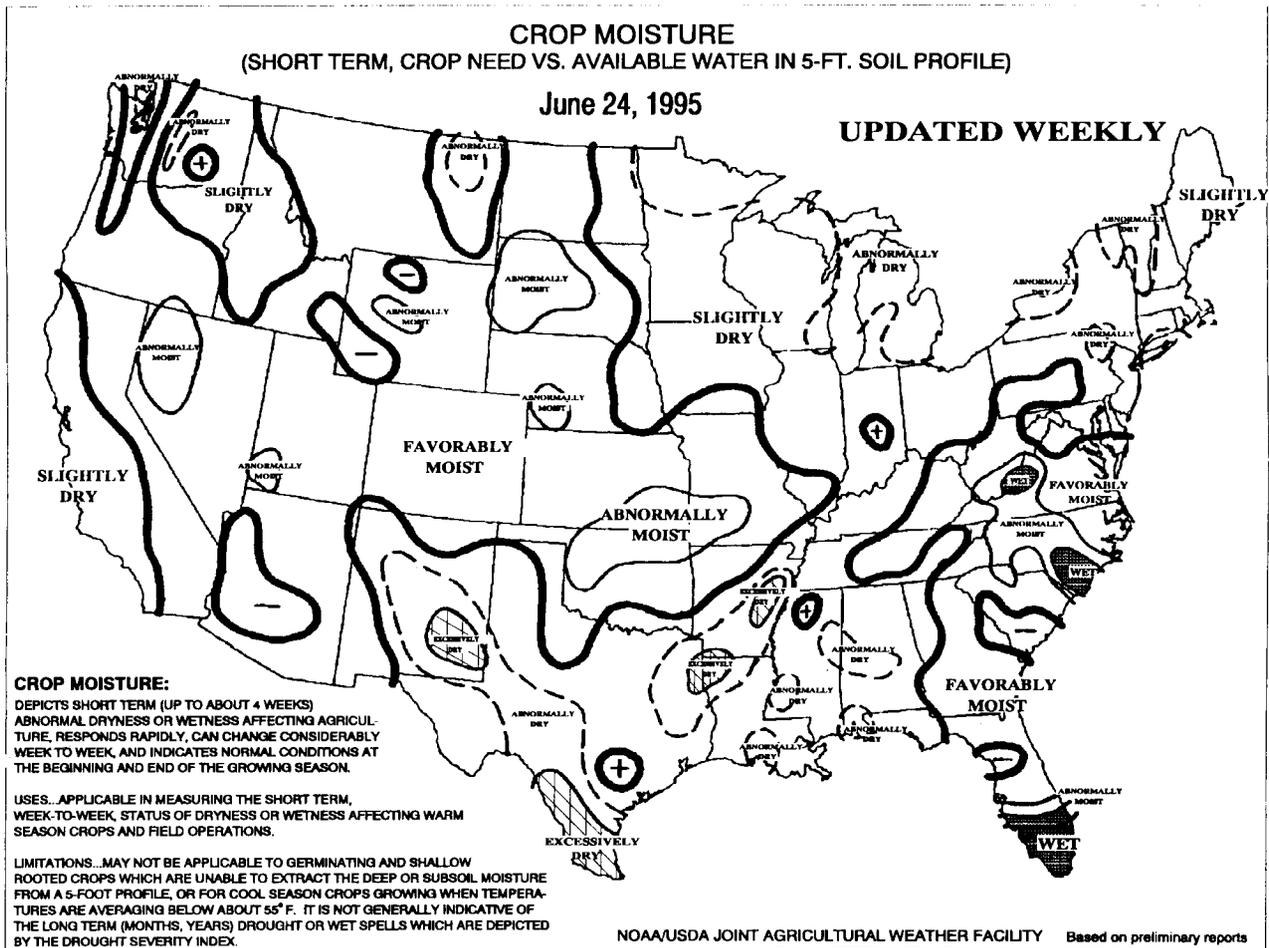
Hot weather prevailed between a slow-moving cold front crossing the **West** and a stalled upper-level disturbance over the **Southeast**. The early-season heat wave waned toward week's end as cool air spread eastward, but humid, showery conditions persisted in the **Southeast**. Torrential rains caused flooding in **southern Florida**, where 24-hour totals on June 22-23 locally topped 10 inches. Late in the week, significant rain returned to the **northern and central Plains** and parts of the **Corn Belt** for the first time in 2 weeks.

Early in the week, temperatures soared above 100°F as far north as **northern Lower Michigan**, while on June 20-22, readings attained the middle- to upper-90's in the **central Corn Belt**. More than 50 daily-record highs were tied or broken during the week, primarily from the **Great Lakes States**

(Continued to back cover)

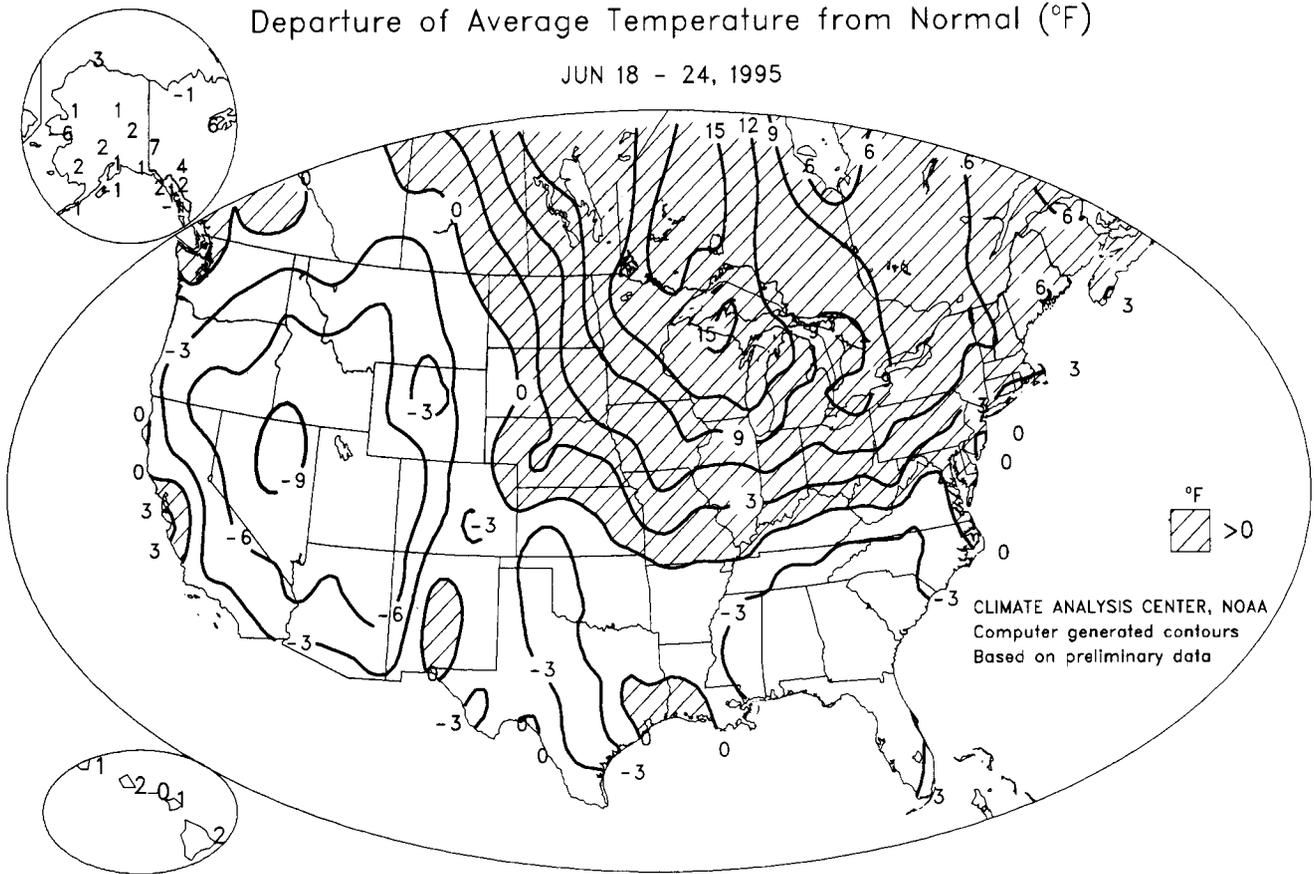
Contents

	Page
Highlights & Total Precipitation Map	1
Crop Moisture Maps	2
Palmer Drought Maps	3
Temperature Departure & Extreme Maximum Temperature Maps	4
National Weather Data for Selected Cities	5
Growing Degree Day Maps	8
National Agricultural Summary	9
Crop Progress and Condition Tables	10
State Summaries of Weather and Agriculture	12
International Weather and Crop Summary	19
Drought in Northern Mexico	23
Subscription and Mailing Permit Information ..	24



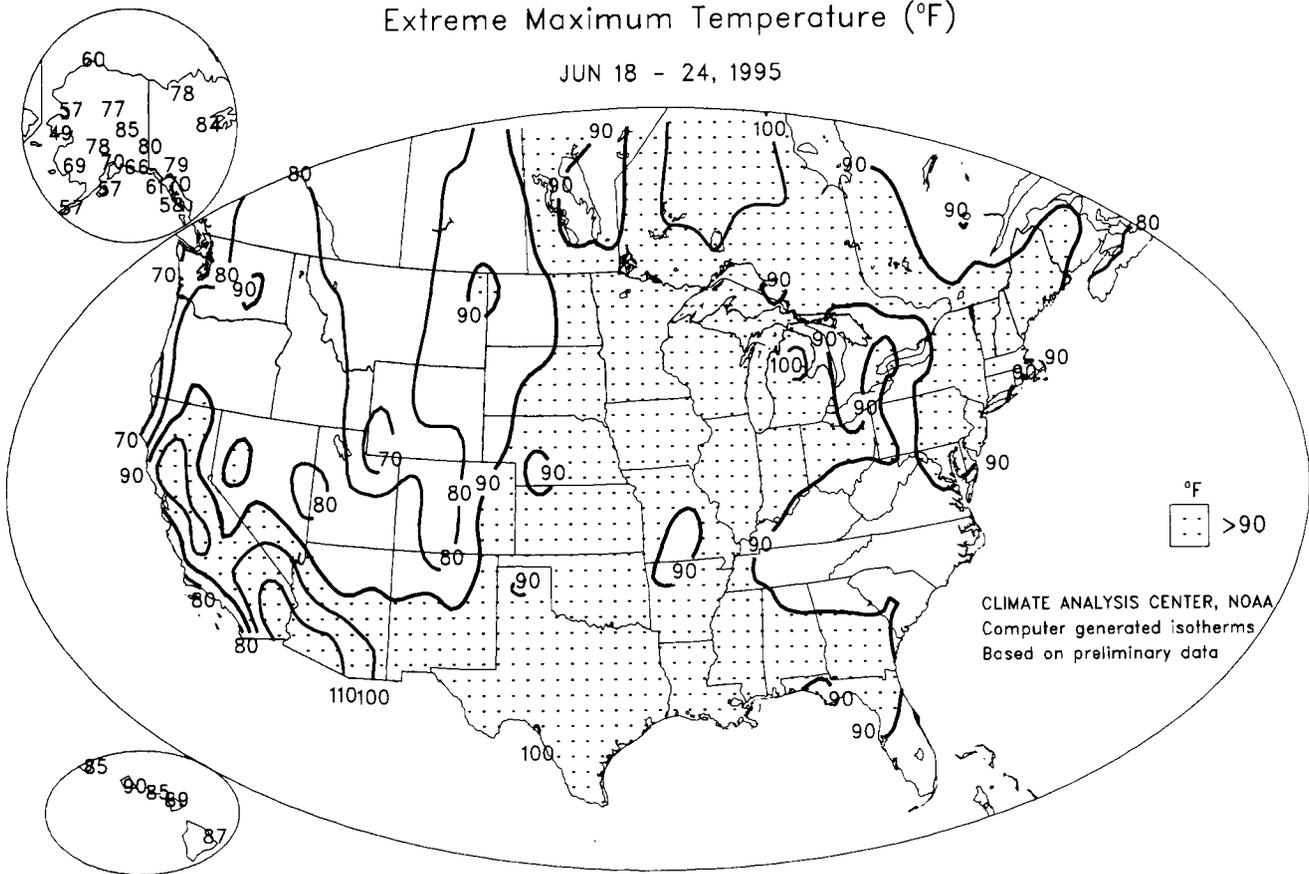
Departure of Average Temperature from Normal (°F)

JUN 18 - 24, 1995



Extreme Maximum Temperature (°F)

JUN 18 - 24, 1995



National Weather Data for Selected Cities

Weather Data for the Week Ending June 24, 1995

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT			NUMBER OF DAYS										
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL, IN., SINCE Jun 1	PCT. NORMAL SINCE Jun 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP.						
																		.01 INCH OR MORE	.50 INCH OR MORE							
AL BIRMINGHAM	86	63	92	60	74	-3	1.2	-.4	1.1	1.8	63	20.3	71	90	47	3	0	0	0	1	0					
MOBILE	89	67	91	62	78	-3	1.2	-1.2	1.1	1.7	43	39.6	129	91	47	3	0	0	0	0	1	0				
MTFOMERY	88	64	93	60	76	-3	1.2	-.6	1.1	1.7	27	21.7	75	90	43	4	0	0	0	0	0	1	0			
AK ANCHORAGE	65	50	70	46	57	-.6	1.1	-.6	1.1	27	21.7	75	90	43	4	0	0	0	0	0	0	1	0			
BARROW	45	34	60	29	39	-.5	1.1	-.3	1.1	63	4.1	91	83	50	0	0	0	0	0	0	0	0	1	0		
FAIRBANKS	75	52	85	46	63	-.2	1.1	-.1	1.1	200	1.2	133	97	73	0	0	0	0	0	0	0	0	1	0		
JUNEAU	61	51	70	45	56	-.1	1.2	-.1	1.1	70	2.4	72	84	40	0	0	0	0	0	0	0	0	0	1	0	
KODIAK	53	46	57	41	49	-.2	1.2	-.5	1.7	3.1	127	...	92	64	0	0	0	0	0	0	0	0	0	2	0	
WOME	47	36	49	34	41	-.4	1.2	-.2	1.3	4.7	119	39.1	96	76	0	0	0	0	0	0	0	0	0	2	0	
AZ PHOENIX	102	71	109	63	86	-.6	1.2	-.3	1.3	1.1	17	6.1	149	93	73	0	0	0	0	0	0	0	0	0	0	0
PRESCOTT	86	49	93	37	67	-.4	1.0	-.0	1.0	0	0	3.1	117	47	9	7	7	0	0	0	0	0	0	0	0	0
TUCSON	103	63	108	56	83	-.2	1.0	-.2	1.0	0	0	4.9	76	40	12	2	2	0	0	0	0	0	0	0	0	0
YUMA	103	71	112	65	87	-.2	1.0	-.1	1.0	0	0	3.7	131	45	7	7	7	0	0	0	0	0	0	0	0	0
AR FORT SMITH	90	67	92	63	78	-.2	1.0	-.0	1.0	0	0	1.9	192	51	15	7	7	0	0	0	0	0	0	0	0	0
LITTLE ROCK	88	68	92	67	78	-.2	1.1	-.4	1.1	4.0	144	22.2	108	96	45	4	4	0	0	0	0	0	0	0	0	0
CA BAKERSFIELD	91	58	105	51	75	-.5	1.1	-.9	1.1	1.3	39	20.2	82	76	43	1	4	0	0	0	0	0	0	0	0	0
FURREA	61	52	63	51	57	-.1	1.0	-.0	1.0	1.1	133	7.9	205	47	17	4	0	0	0	0	0	0	0	0	0	0
FRESNO	91	59	104	52	75	-.3	1.0	-.2	1.2	1.8	400	35.9	172	91	17	4	0	0	0	0	0	0	0	0	0	0
LOS ANGELES	72	59	74	52	65	-.3	1.0	-.0	1.0	7.7	943	15.2	218	74	18	0	0	0	0	0	0	0	0	0	0	0
REDDING	90	59	106	49	74	-.1	1.0	-.0	1.0	0	0	6.6	271	92	65	4	0	0	0	0	0	0	0	0	0	0
SACRAMENTO	88	57	103	48	73	-.3	1.0	-.1	1.1	1.8	363	46.6	249	74	21	4	0	0	0	0	0	0	0	0	0	0
SAN DIEGO	70	60	72	58	65	-.2	1.0	-.0	1.0	5	522	23.8	222	89	24	3	0	0	0	0	0	0	0	0	0	0
SAN FRANCISCO	76	52	92	50	64	-.2	1.0	-.0	1.0	5	511	15.8	255	89	24	3	0	0	0	0	0	0	0	0	0	0
CO DENVER	82	52	88	47	67	-.2	1.0	-.0	1.0	6	667	21.0	172	90	26	1	0	0	0	0	0	0	0	0	0	0
GRAND JUNCTION	83	53	88	44	68	-.7	1.0	-.2	1.0	1.5	104	9.2	117	85	26	0	0	0	0	0	0	0	0	0	0	0
FURELO	86	64	93	45	68	-.4	1.0	-.1	1.2	203	7.1	148	61	13	0	0	0	0	0	0	0	0	0	0	0	0
CT BRIDGEPORT	79	50	91	59	71	-.2	1.0	-.1	1.2	1.3	143	9.2	206	91	26	3	0	0	0	0	0	0	0	0	0	0
HARTFORD	87	60	96	52	73	-.3	1.1	-.7	1.0	1.1	39	14.9	72	90	26	3	0	0	0	0	0	0	0	0	0	0
DC WASHINGTON	86	67	93	63	77	-.3	1.1	-.9	1.0	7	22	14.9	70	79	34	3	0	0	0	0	0	0	0	0	0	0
FL PANAMA CITY	84	69	93	63	76	-.1	1.2	-.5	1.1	2.3	86	15.4	87	80	27	2	0	0	0	0	0	0	0	0	0	0
DAYTONA BEACH	85	68	97	66	76	-.4	1.3	-.4	1.2	4.9	96	19.4	68	92	37	0	0	0	0	0	0	0	0	0	0	0
JACKSONVILLE	89	67	93	61	78	-.2	1.2	-.7	1.2	3.5	74	11.1	58	92	37	0	0	0	0	0	0	0	0	0	0	0
KEY WEST	86	75	89	73	81	-.3	1.2	-.7	1.2	4.7	109	15.8	75	96	64	0	0	0	0	0	0	0	0	0	0	0
MIAMI	84	73	87	71	78	-.3	1.2	-.5	1.2	7.9	191	16.9	114	92	57	2	0	0	0	0	0	0	0	0	0	0
ORLANDO	84	70	89	68	77	-.5	1.0	-.8	1.0	18.4	242	34.2	148	94	74	0	0	0	0	0	0	0	0	0	0	0
TALLAHASSEE	88	65	92	61	77	-.4	1.0	-.1	1.3	5.5	97	15.4	78	96	47	0	0	0	0	0	0	0	0	0	0	0
TAMPA	86	72	92	67	78	-.3	1.1	-.1	1.3	7.1	133	24.8	82	94	67	0	0	0	0	0	0	0	0	0	0	0
WEST PALM BEACH	85	72	92	67	78	-.3	1.1	-.1	1.3	8.1	189	18.7	113	92	48	3	0	0	0	0	0	0	0	0	0	0
GA ATLANTA	84	65	91	58	74	-.3	1.4	-.6	1.1	8	5.1	14.4	59	96	73	0	0	0	0	0	0	0	0	0	0	0
AUGUSTA	85	62	89	55	74	-.5	1.2	-.8	1.1	2.8	99	20.7	77	87	48	2	0	0	0	0	0	0	0	0	0	0
MACON	85	62	91	57	74	-.6	1.0	-.3	1.2	5.0	153	20.3	87	94	49	0	0	0	0	0	0	0	0	0	0	0
SAVANNAH	86	69	91	64	78	-.2	1.6	-.4	1.5	4.3	112	19.5	81	96	50	1	0	0	0	0	0	0	0	0	0	0
HI HILO	85	70	87	67	78	-.2	1.3	-.1	1.5	4.6	95	31.7	73	96	57	1	0	0	0	0	0	0	0	0	0	0
HONOLULU	89	75	90	74	82	-.2	1.3	-.1	1.5	0	0	9.7	88	83	56	1	0	0	0	0	0	0	0	0	0	0
KAHULUI	88	69	89	68	79	-.1	1.0	-.1	1.0	2	68	8.3	66	80	49	0	0	0	0	0	0	0	0	0	0	0
LHIIE	84	73	85	70	79	-.1	1.1	-.4	1.0	4	31	13.6	64	82	65	0	0	0	0	0	0	0	0	0	0	0
ID BOISE	73	49	89	38	61	-.7	1.4	-.3	1.2	9	129	8.4	123	83	32	0	0	0	0	0	0	0	0	0	0	0
LEWISTON	69	52	84	48	61	-.8	1.1	-.2	1.0	2	20	6.0	89	81	47	0	0	0	0	0	0	0	0	0	0	0
POCATELLO	68	44	80	36	56	-.8	1.4	1.2	1.6	3.1	368	10.8	163	87	47	0	0	0	0	0	0	0	0	0	0	0
IL CHICAGO	92	69	95	63	81	11	1.0	-.9	1.0	4	14	15.7	101	76	35	6	0	0	0	0	0	0	0	0	0	0
MOLINE	95	66	98	63	80	8	1.0	-.1	1.0	6	19	19.1	110	87	39	7	0	0	0	0	0	0	0	0	0	0
PEORIA	91	66	96	63	78	6	1.0	-.6	1.2	6	18	20.5	124	89	46	5	0	0	0	0	0	0	0	0	0	0
QUINCY	88	66	90	64	77	3	1.0	-.9	1.2	6	14	16.0	92	81	40	1	0	0	0	0	0	0	0	0	0	0
ROCKFORD	94	68	97	62	81	11	1.2	-.8	1.2	1.1	30	15.3	97	89	39	7	0	0	0	0	0	0	0	0	0	0
SPRINGFIELD	92	66	98	63	79	5	1.2	-.6	1.2	7	26	18.9	115	88	39	7	0	0	0	0	0	0	0	0	0	0
IN EVANSVILLE	90	67	92	65	79	2	1.0	-.5	1.0	3	111	30.6	133	87	46	6	0	0	0	0	0	0	0	0	0	0
FORT WAYNE	91	66	96	63	78	7	1.0	-.1	1.1	2.2	76	16.7	102	89	47	5	0	0	0	0	0	0	0	0	0	0
INDIANAPOLIS	90	65	95	63	77	4	1.0	-.1	1.1	3.0	109	19.5	103	93	46	3	0	0	0	0	0	0	0	0	0	0
SOUTH BEND	92	67	97	63	79	9	1.1	-.9	1.1	4	12	14.6	83	83	40	7	0	0	0	0	0	0	0	0	0	0
IA DES MOINES	90	68	93	65	79	7	1.1	-.9	1.1	4	12	14.6	83	83	40	7	0	0	0	0	0	0	0	0	0	0
SIOUX CITY	91	64	94	62	78	6	1.1	-.1	1.1	1.4	38	18.1	117	83	41	4	0	0	0	0	0	0	0	0	0	0
WATERLOO	92	67	96	63	79	9	1.1	-.9	1.1	1.7	58	13.9	114	79	33	5	0	0	0	0	0	0	0	0	0	0
KS CONCORDIA	86	65	92	63	76	0	1.2	1.4	1.9	1.8	50	12.9	86	86												

Weather Data for the Week Ending June 24, 1995

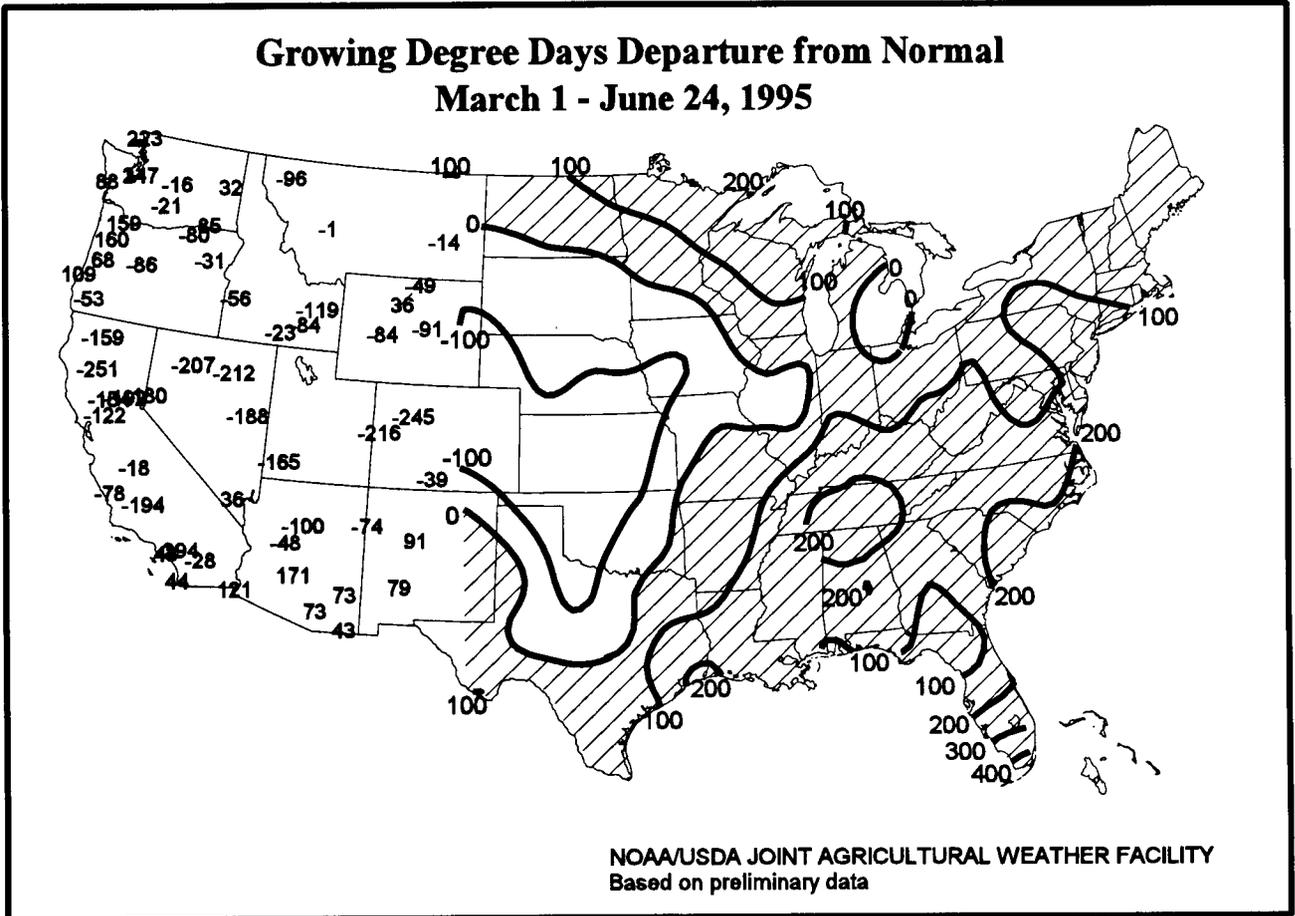
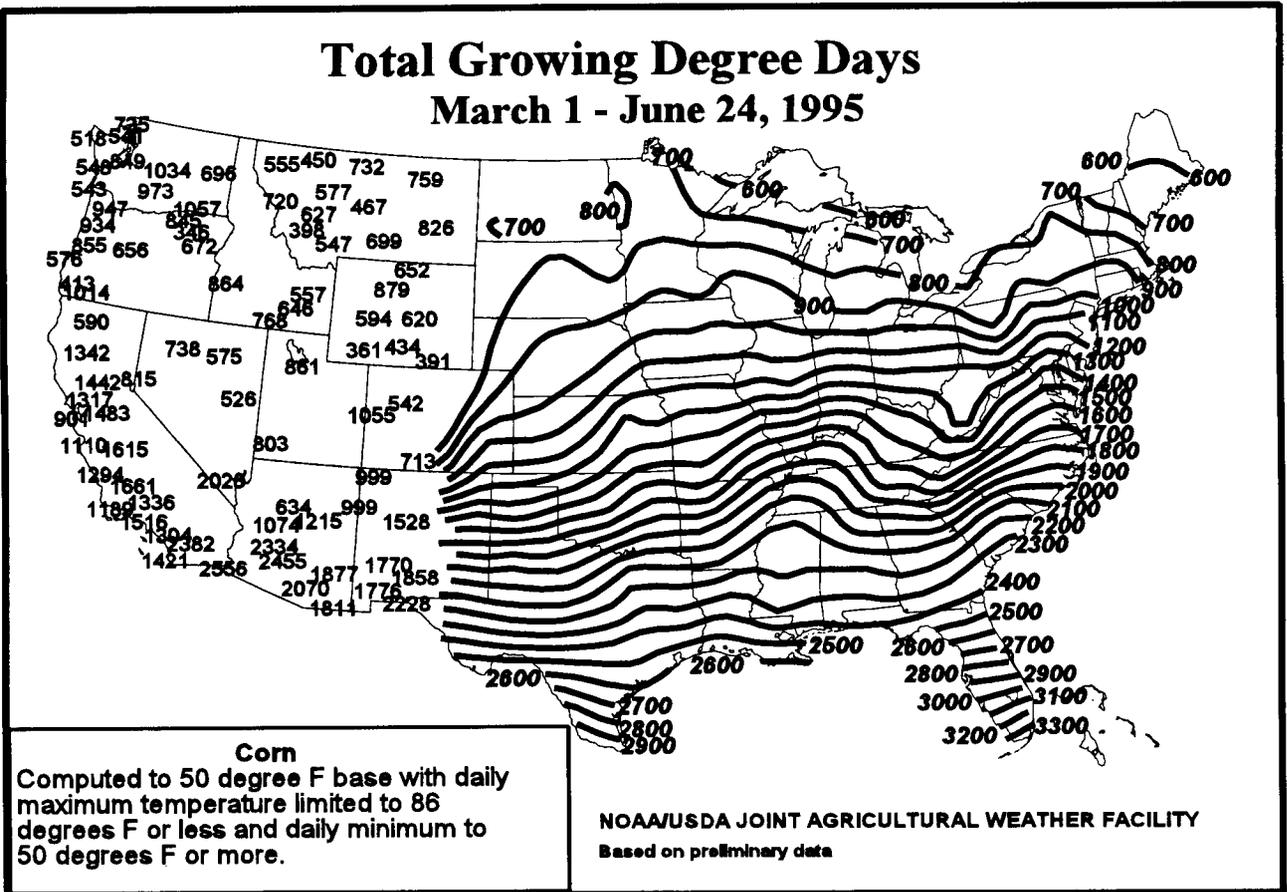
STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL, IN., SINCE Jun 1	PCT. NORMAL SINCE Jun 1	AVERAGE	MAXIMUM	MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE		.50 INCH OR MORE	
																			.01 INCH OR MORE	.50 INCH OR MORE	.01 INCH OR MORE	.50 INCH OR MORE
ME CARIBOU	83	48	93	38	66	4	9	-7	9	1.0	43	16.2	111	73	31	2	2	0	0	0	0	
ME PORTLAND	81	56	94	49	68	4	0	-7	0	0	92	18.7	89	85	43	1	1	0	0	0	0	
MD BALTIMORE	86	66	96	59	76	2	2	0	0	0	58	13.3	69	84	48	3	3	0	0	0	0	
MD SALISBURY	86	66	90	56	76	3	3	0	0	0	94	14.0	67	96	56	2	2	0	0	0	0	
MA BOSTON	82	63	95	59	73	3	0	0	0	0	60	13.8	68	79	44	2	2	0	0	0	0	
MA CHATHAM	88	54	103	46	71	8	0	0	0	0	7	8.2	66	86	34	2	2	0	0	0	0	
MI ALPENA	88	54	103	46	71	8	0	0	0	0	7	8.2	66	86	34	2	2	0	0	0	0	
MI DETROIT	91	68	95	63	79	10	0	0	0	0	11	12.4	84	80	43	5	5	0	0	0	0	
MI FLINT	90	60	96	52	75	8	0	0	0	0	15	9.4	73	84	37	3	3	0	0	0	0	
MI GRAND RAPIDS	91	63	98	57	77	9	0	0	0	0	103	14.9	97	84	40	4	4	0	0	0	0	
MI HOUGHTON LAKE	94	60	103	48	77	13	0	0	0	0	6	9.0	75	72	30	6	6	0	0	0	0	
MI LANSING	90	58	96	50	74	6	0	0	0	0	4	11.3	84	97	41	3	3	0	0	0	0	
MI MARQUETTE	90	58	96	50	74	6	0	0	0	0	4	11.3	84	97	41	3	3	0	0	0	0	
MI MUSKOGEE	90	63	98	59	77	17	0	0	0	0	25	14.5	96	83	42	4	4	0	0	0	0	
MI SAULT ST. MARIE	83	56	90	52	70	10	0	0	0	0	29	12.8	91	85	38	3	3	0	0	0	0	
MN ALEXANDRIA	89	68	96	62	79	11	0	0	0	0	1.4	41	111	80	41	5	5	0	0	0	0	
MN DULUTH	88	63	94	58	76	14	0	0	0	0	1.6	11.2	91	77	43	3	3	0	0	0	0	
MN INT'L FALLS	91	64	99	60	78	15	0	0	0	0	2.2	1.3	42	7.3	75	90	41	4	4	0	0	
MN MINNEAPOLIS	92	70	94	68	81	11	0	0	0	0	2.0	63	9.1	71	71	6	6	0	0	0	0	
MS ROCKFESTER	89	66	92	64	78	10	0	0	0	0	1.4	47	11.1	89	82	39	4	4	0	0	0	
MS GREENWOOD	89	67	92	62	78	2	0	0	0	0	1.1	2	7	21.1	73	95	46	4	4	0	0	
MS JACKSON	87	64	91	61	76	-4	1.7	1.0	1.2	2.5	97	27.7	93	96	46	1	0	2	1	1	0	
MS MERIDIAN	88	65	93	62	77	-3	1.0	1.1	1.0	1.9	68	28.1	94	92	42	2	2	0	0	0	0	
MO CAFE GIRARDEAU	88	67	92	65	78	0	2.2	1.5	1.4	3.4	119	24.3	102	95	48	2	0	5	2	2	0	
MO COLUMBIA	89	66	92	64	78	4	0	0	0	0	1.8	57	28.8	160	95	50	3	0	0	0	0	
MO KANSAS CITY	89	66	92	65	78	3	0	0	0	0	2.1	54	20.8	125	87	44	4	4	0	0	0	
MO SAINT LOUIS	90	70	94	68	80	3	0	0	0	0	1.4	46	26.5	148	84	42	5	0	0	0	0	
MO SPRINGFIELD	87	63	89	60	75	2	1.3	1.1	1.8	6.2	144	28.7	139	90	47	0	0	2	2	0	0	
MT BILLINGS	74	52	79	49	63	-3	0	0	0	0	1.4	81	9.4	108	73	35	0	0	3	0	0	
MT GLASGOW	75	54	86	51	65	-1	2.3	1.8	1.1	4.6	270	8.0	154	91	47	0	0	5	1	0	0	
MT GREAT FALLS	70	44	78	37	57	-6	0	0	0	0	1.2	122	8.1	95	90	41	0	0	3	0	0	
MT HAVRE	69	48	74	43	59	-6	1.9	1.5	1.0	4.4	309	8.3	149	91	52	0	0	4	2	0	0	
MT HELENA	70	43	80	36	56	-7	0	0	0	0	1.2	2.0	130	6.8	113	92	40	0	0	4	0	
MT KALISPELL	66	48	78	45	57	-2	1.9	1.4	1.1	4.4	240	9.8	117	97	62	0	0	3	2	0	0	
MT MILES CITY	78	54	90	50	66	-3	1.8	1.2	1.3	2.4	106	8.3	110	91	36	1	0	3	1	1	0	
MT MISSOULA	69	45	83	39	57	-5	0	0	0	0	2.3	154	6.0	83	92	50	0	0	4	0	0	
NE GRAND ISLAND	87	65	92	61	76	3	0	0	0	0	2.6	80	14.3	113	79	40	3	0	1	0	0	
NE LINCOLN	89	65	92	62	77	3	0	0	0	0	1.2	38	15.5	118	86	38	3	0	1	0	0	
NE NORFOLK	88	65	92	60	77	5	0	0	0	0	2.9	53	16.3	128	78	37	4	0	1	0	0	
NE NORTH PLATTE	84	62	88	54	73	3	1.1	1.3	1.8	2.4	87	11.4	112	83	44	0	0	2	1	1	0	
NE OMAHA	91	66	94	64	79	5	0	0	0	0	1.9	29	15.5	112	80	36	5	0	0	0	0	
NE SCOTTSBLOFF	82	56	89	51	69	0	2	0	0	0	3.2	148	12.2	143	88	35	0	0	2	0	0	
NE VALENTINE	85	61	93	54	73	2	1.9	1.1	1.9	3.2	116	13.8	130	78	38	3	0	1	1	1	0	
NV RLY	71	36	78	27	53	-8	0	0	0	0	1.5	199	8.7	167	83	25	0	2	0	0	0	
NV LAS VEGAS	95	68	102	59	81	-5	0	0	0	0	22	3.6	188	36	10	6	0	0	0	0	0	
NV RENO	78	48	90	39	63	-4	0	0	0	0	1.2	305	9.7	227	73	18	1	0	0	0	0	
NV WINDHECCA	75	41	90	36	58	-8	0	0	0	0	1.1	158	7.7	169	82	23	1	0	1	0	0	
NH CONCORD	88	51	98	46	70	4	0	0	0	0	1.3	50	14.4	88	83	34	2	0	0	0	0	
NJ ATLANTIC CITY	79	63	90	54	71	0	0	0	0	0	3.0	147	15.6	82	95	64	1	0	3	1	1	
NM ALBUQUERQUE	92	62	94	57	77	1	0	0	0	0	0	1.9	65	46	13	6	0	0	0	0	0	
NM CLOVIS	88	59	95	57	74	-1	0	0	0	0	0	3.7	3.8	60	87	28	3	0	3	1	1	
NM ROSWELL	91	64	97	61	78	-1	0	0	0	0	0	0	8	20	72	26	5	0	0	0	0	
NY ALBANY	85	55	94	51	70	2	0	0	0	0	2.3	78	11.8	70	83	37	1	0	0	0	0	
NY BINGHAMTON	84	61	89	57	72	7	0	0	0	0	1.7	58	12.4	73	80	49	0	0	0	0	0	
NY BUFFALO	86	65	92	57	76	8	0	0	0	0	1.5	17	13.2	79	74	43	1	0	1	0	0	
NY NEW YORK	83	66	95	62	75	2	1.2	1.4	1.7	2.3	82	14.8	74	71	41	3	0	3	2	0	0	
NY ROCHESTER	87	64	93	57	75	9	0	0	0	0	1.7	8.5	60	74	39	2	0	0	0	0	0	
NY SYRACUSE	88	62	95	55	75	8	0	0	0	0	1.8	28	9.7	58	76	39	3	0	0	0	0	
NC ASHEVILLE	76	58	79	54	67	-4	1.5	1.4	1.7	6.4	163	25.7	96	100	63	0	0	5	1	1	0	
NC CHARLOTTE	81	63	85	59	72	-5	2.2	1.5	1.5	5.2	193	20.1	95	91	54	0	0	4	1	1	0	
NC GREENSBORO	80	63	84	58	72	-2	3.7	2.8	1.5	6.3	208	17.2	86	94	61	0	0	3	3	3	0	
NC HATTERAS	81	71	86	70	76	1	4.1	3.2	2.7	8.7	268	27.5	112	94	65	0	0	5	2	0	0	
NC NEW BERN	83	68	90	62	76	-1	1.5	1.8	1.4	8	20	10.5	43	98	65	1	0	2	0	0	0	
NC RALEIGH	81	65	86	62	73	-3	1.1	1.3	1.4	4.4	148	21.1	103	98	62	0	0	5	0	0	0	
NC WILMINGTON	81	68	87	64	74	-2	3.6	2.4	2.1	9.4	249	29.8	122	98	67	0	0	3	2	2	0	
ND BISMARCK	79	58	88	52	69	3	1.1	1.5	1.9	1.4	62	8.8	115	92	57	0	0	5	1	1	0	
ND FARGO	89	67	95	59	78	11	0	0	0	0	33	7.5	86	79	43	4	0	2	0	0	0	
ND GRAND FORKS	86	67	96	61	77	11	0	0	0	0	45	5.8	74	89	49	3	0	3	0	0	0	
ND WILLISTON	82	54	93	49	68	2	0	0	0	0	1.3	73	6.5	97	83	39	1	0	4	0	0	
OK AKRON-CANTON	87	65	90	63	76	7	1.9	1.2	1.6	2.5	98	20.0	117	88	47	1	0	3	1	1	0	
OK CINCINNATI	86	64	91	60	75	3	0	0	0	0	1.2	38	21.9	107	91	54	1	0	3	0	0	
OK CLEVELAND	86	67	92	62	77	7	1.4	1.6	1.3	1.8	60	19.3	116	88	54	2	0	2	1	1	0	
OK COLUMBUS	88	65	92	60	77	7	0	0	0	0	1.1	2.8	91	18.6	104	86	31	1	0	1	0	
OK DAYTON	88	65	94	63	77	5	1.0	1.1	1.5	2.0	66	22.8	126	88	49	3	0	3	0	0	0	

Based on 1961-90 normals.

Weather Data for the Week Ending June 24, 1995

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS								
	AVERAGE	MAXIMUM	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	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
TOLEDO	90	66	98	61	78	9	.0	-.9	.0	1.0	35	13.8	92	83	43	4	0	0	0	0	0	0	
YOUNGSTOWN	88	65	91	61	76	9	.5	-.5	.5	1.9	59	14.6	85	85	53	3	0	0	0	0	0	0	
OK OKLAHOMA CITY	88	63	91	60	75	-3	2.9	1.9	2.8	4.9	135	17.5	103	94	42	2	2	2	2	2	1	0	
TULSA	88	65	91	64	77	-3	.6	.1	.3	2.6	130	35.4	103	93	47	3	3	3	3	3	1	0	
OR ASTORIA	65	51	71	47	58	0	.1	-.1	.1	.7	1.5	8.2	163	83	34	0	0	0	0	0	0	0	
BURNS	68	41	85	30	54	-4	.4	-.3	.4	1.5	308	13.1	144	91	37	2	2	2	2	2	0	0	
MEDFORD	78	49	93	44	64	-4	.7	-.6	.4	2.3	419	11.1	172	91	43	0	0	0	0	0	0	0	
PENDLETON	74	51	89	48	62	-1	.8	-.5	.6	2.6	206	20.3	110	87	50	0	0	0	0	0	0	0	
PORTLAND	72	54	85	51	63	0	.3	.0	.2	1.5	129	24.6	123	96	52	0	0	0	0	0	0	0	
SALEM	74	51	87	46	62	0	.2	-.1	.1	1.5	49	16.1	80	79	51	2	2	2	2	2	0	0	
PA ALLENTOWN	82	63	91	59	72	1	.2	-.7	.1	1.5	9	26	13.9	80	81	52	0	0	0	0	0	0	
ERIE	83	68	88	63	76	8	.1	-.9	.0	.9	26	13.9	80	81	52	0	0	0	0	0	0	0	
HARRISBURG	82	66	91	59	74	2	1.3	.4	.7	3.2	102	14.8	75	88	60	2	2	2	2	2	2	2	
PHILADELPHIA	85	67	96	63	76	4	.2	-.8	.2	.5	15	12.3	57	92	60	3	3	3	3	3	3	3	
PITTSBURGH	88	64	93	56	76	7	.8	-.1	.7	3.1	104	14.1	78	85	45	2	2	2	2	2	1	0	
SCRANTON	85	63	94	59	74	6	.1	-.8	.1	1.5	46	10.6	63	86	49	2	2	2	2	2	0	0	
RI PROVIDENCE	84	61	93	54	73	4	.3	-.5	.3	2.8	105	17.9	81	77	38	3	3	3	3	3	1	0	
SC CHARLESTON	85	68	91	61	76	-3	.6	-1.0	.3	4.0	80	15.5	68	96	58	1	0	0	0	0	0	0	
COLUMBIA	86	64	92	58	75	-4	1.0	-.2	.5	8.1	215	23.6	98	90	52	2	2	2	2	5	1	0	
FLORENCE	86	68	92	62	77	-2	.3	-.8	.2	5.7	166	22.2	108	98	53	3	0	0	0	2	0	0	
GREENVILLE	83	63	87	60	73	-3	1.6	.5	.8	4.3	111	24.1	93	94	52	0	0	0	0	4	2	0	
SD ABERDEEN	86	64	90	58	75	7	.3	-.5	.2	1.3	50	12.6	130	94	56	2	2	2	2	3	0	0	
HURON	87	65	92	59	76	6	.3	-.5	.3	2.1	76	17.7	170	82	41	3	0	0	0	1	0	0	
RAPID CITY	78	54	87	48	66	0	1.7	1.0	1.6	4.4	176	12.4	138	85	49	0	0	0	0	3	1	0	
SIOUX FALLS	90	67	94	61	79	9	.2	-.6	.2	2.3	83	17.2	155	77	37	5	0	0	2	0	0	0	
TN CHATTANOOGA	83	62	89	57	73	-4	.4	-.4	.4	2.0	71	23.4	86	93	53	0	0	0	2	0	0	0	
KNOXVILLE	82	61	87	56	71	-3	.2	-.7	.1	3.0	94	24.9	102	97	54	0	0	0	4	0	0	0	
MEMPHIS	88	66	91	63	77	-3	1.3	.5	1.3	2.5	88	23.4	87	93	48	2	0	0	2	1	0	0	
NASHVILLE	85	64	88	61	74	-2	1.1	.3	.9	3.0	103	25.9	106	95	54	0	0	0	4	1	0	0	
TX ABILENE	89	65	93	62	77	-4	.0	-.7	.0	1.3	57	11.5	107	80	36	2	0	0	0	0	0	0	
AMARILLO	86	60	89	56	73	-2	.5	-.4	.5	1.4	47	8.2	96	82	36	0	0	0	1	0	0	0	
AUSTIN	90	69	94	67	79	-3	T	-.8	T	2.0	62	18.8	116	86	40	3	0	0	0	0	0	0	
BEAUMONT	94	71	97	67	83	1	.1	-1.2	.1	3.4	75	23.1	92	95	42	6	0	0	1	0	0	0	
BROWNSVILLE	91	74	93	72	83	-1	.0	-.6	.0	1.5	65	3.0	30	88	42	7	0	0	0	0	0	0	
CORPUS CHRISTI	89	71	92	67	80	-2	T	-.7	T	1.9	68	12.8	103	92	47	3	0	0	1	0	0	0	
DEL RIO	95	72	99	70	84	1	.0	-.6	.0	T	0	5.9	52	81	38	7	0	0	0	0	0	0	
EL PASO	97	67	100	63	82	0	.2	.0	.1	.6	136	2.3	109	62	14	7	0	0	3	0	0	0	
FORT WORTH	93	70	95	67	82	2	.0	-.7	.0	1.8	64	25.4	134	81	34	7	0	0	0	0	0	0	
GALVESTON	90	77	93	76	84	2	T	-1.0	T	.2	5	10.0	58	80	49	5	0	0	1	0	0	0	
HOUSTON	93	70	97	67	82	1	T	-1.4	T	2.5	51	21.5	89	95	43	6	0	0	1	0	0	0	
LUBBOCK	90	63	94	62	77	-2	1.4	.8	1.4	2.1	94	6.3	84	77	33	5	0	0	2	1	0	0	
MIDLAND	92	65	96	63	78	-2	.7	.4	.5	.7	62	5.2	93	80	28	5	0	0	2	1	0	0	
SAN ANGELO	93	66	97	62	79	-1	.3	-.2	.2	.3	17	11.5	122	78	33	6	0	0	2	0	0	0	
SAN ANTONIO	89	67	94	64	78	-5	.2	-.7	.2	1.8	57	10.3	69	91	42	4	0	0	1	0	0	0	
VICTORIA	90	68	93	66	79	-2	.6	-.5	.6	2.5	66	15.0	78	93	41	4	0	0	1	1	0	0	
WACO	91	65	94	64	78	-5	.0	-.7	.0	.8	30	21.4	129	94	38	4	0	0	0	0	0	0	
WICHITA FALLS	90	66	93	64	78	-2	T	-.8	T	4.6	141	14.5	89	87	38	4	0	0	0	0	0	0	
UT CEDAR CITY	78	42	84	37	61	-8	.0	-.1	.0	1.2	397	7.5	145	69	15	0	0	0	0	0	0	0	
SALT LAKE CITY	75	49	81	44	62	-9	.0	-.2	.0	1.5	192	12.5	139	76	28	0	0	0	0	0	0	0	
VT BURLINGTON	88	59	100	48	73	7	.0	-.8	.0	.8	30	9.4	65	78	31	2	0	0	0	0	0	0	
VA NORFOLK	84	70	88	66	77	2	.2	-.7	.2	3.1	103	16.4	79	89	62	0	0	0	2	0	0	0	
RICHMOND	86	65	89	57	76	0	T	-.9	T	1.5	51	15.0	77	94	28	0	0	0	1	0	0	0	
ROANOKE	81	62	85	57	72	-1	3.0	2.2	2.4	7.2	284	23.0	122	89	56	0	0	0	4	1	0	0	
WA QUILLAYUTE	63	49	70	46	56	0	.1	-.6	.1	3.4	129	45.5	84	98	73	0	0	0	3	0	0	0	
SEATTLE-TACOMA	70	52	79	49	61	-1	.1	-.2	.1	1.5	119	17.9	99	90	51	0	0	0	1	0	0	0	
SPOKANE	67	49	85	46	58	-5	.5	-.2	.3	2.1	195	12.5	145	93	53	0	0	0	4	0	0	0	
YAKIMA	77	47	92	40	62	-4	T	-.1	T	.3	67	4.8	119	86	37	1	0	0	0	0	0	0	
WV BECKLEY	77	59	81	55	69	1	.5	-.5	.4	4.8	161	22.4	114	94	59	0	0	0	3	0	0	0	
CHARLESTON	82	63	86	58	73	0	.2	-.6	.2	4.5	160	25.0	127	99	54	0	0	0	2	0	0	0	
HUNTINGTON	84	63	86	59	73	2	1.1	.3	.8	5.1	190	24.5	122	97	58	0	0	0	3	1	0	0	
PARKERSBURG	85	62	88	57	73	2	.6	-.3	.6	3.7	125	...	100	56	0	0	0	0	1	1	0	0	
WI GREEN BAY	93	68	96	61	80	14	.0	-.8	.0	.8	30	8.9	73	87	40	6	0	0	0	0	0	0	
LACROSSE	95	70	97	67	82	12	T	-.9	T	1.8	...	13.5	104	88	36	6	0	0	0	0	0	0	
MADISON	94	66	96	61	80	11	.0	-.9	.0	.9	32	13.4	97	80	36	7	0	0	0	0	0	0	
MILWAUKEE	89	70	96	65	80	13	.0	-.8	.0	1.1	44	12.5	86	75	42	2	0	0	0	0	0	0	
WAUSAU	94	68	96	65	81	15	.0	-.9	.0	.5	16	6.8	51	86	31	7	0	0	1	0	0	0	
WY CASPER	76	47	82	43	62	-3	.1	-.2	.1	3.0	250	13.3	190	85	24	0	0	0	1	0	0	0	
CHEYENNE	74	49	81	47	62	-1	.8	.3	.4	3.9	233	12.7	176	88	37	0	0	0	4	0	0	0	
LANDER	76	48	79	42	62	-3	.0	-.3	.0	2.4	193	13.3	170	66	22	0	0	0	0	0	0	0	
SHERIDAN	74	47	84	43	61	-3	T	-.5	T	3.1	166	10.9	131	83	43	0	0	0	1	0	0	0	
PZ SAN JUAN	91	79	93	78	85	3	.1	-.7	.1	3.5	108	24.4	120	84	58	5	0	0	0	0	0	0	

Based on 1961-90 normals.



National Agricultural Summary

June 19 - 25, 1995

HIGHLIGHTS: Hot, dry weather announced the arrival of summer across the Central States, stressing row crops and ripening winter wheat. Crop emergence was impeded in the Northern States by the extreme hot, dry winds that crusted the topsoil. Slow-moving storm activity hindered fieldwork in the Western States. Heavy weed infestation was reported across the Nation, and windy conditions prohibited spraying. Seasonable weather allowed winter wheat harvest to advance, especially in the southern Great Plains. Heavy downpours in the mid-Atlantic States brought the fourth consecutive week of above-normal rainfall, creating ideal conditions for fungus and mold. Lodging in small grains fields and drowning of tobacco, cotton, and soybean fields was reported in North Carolina. Many fields were flooded in Arkansas, with some soybean acreage requiring replanting.

The **winter wheat** crop was in mostly fair to good condition with 22 percent (%) of the acreage harvested, 12 percentage points behind the 5-year average. Wheat development was accelerated by the hot, dry weather in the central Great Plains. Some premature ripening of wheat was reported in southeastern Nebraska. In Kansas, the warm, sunny weather ripened wheat, while the late-week rains slowed the harvest, which at 9% complete, was 29 points behind the average. Moderate to severe infestations of foliar diseases were reported across the State. The wheat harvest in Oklahoma made good progress from last week, but at 60% complete, was 18 points behind the average. In the Midwest, the persistent wet weather in previous weeks provided ideal conditions for the infection of wheat with head scab. The warm weather in the following weeks favored the development of the fungus, leaving some fields damaged.

Spring wheat condition was rated as good to fair, with 8% of the five major producing States' acreage headed, 26 points behind normal. South Dakota's crop was mostly good, with 6% of the acreage emerged, 62 points behind normal. In North Dakota, small grain development advanced to the boot stage, but remained behind the average. Windy weather prevented producers from spraying for weed control.

Corn condition for the 17 major producing States was unchanged from last week, with 60% of the crop reported as good to excellent. Hot, dry weather encouraged the development of corn and allowed Midwestern farmers to finish cultivating and side dressing corn. Very dry soil conditions in Michigan, combined with the hot, dry weather, slowed the crop's development. Corn leaves were curling in Wisconsin due to stress from the heat. Average corn height in Illinois was reported at 15 inches, compared with an 29-inch average. Corn borer and army worms were reported in some North Dakota corn fields.

Cotton squaring was 46% complete, up 12 points from last week and 2 points ahead of the average for the Nation. Cotton condition was good to fair with 9% of the crop setting bolls, 2 points ahead of the average. Squaring was 33 points behind the

average in California, where 15% of the cotton fields were reported as squaring. Cotton development improved in California as the temperatures warmed. California and Southeastern cotton producers were irrigating fields and treating for insects. Oklahoma's cotton squaring was 11 points behind the average, as a result of late planting. Dry soil conditions caused late-planted cotton in Louisiana to show signs of drought stress. Plant bug and worm counts in Mississippi were reported as light to moderate in most fields. In Texas, cotton planting and replanting progressed quickly. Beet armyworms were reported as far north in Texas as the southern High Plains, with spraying underway. Dryland cotton condition in the Texas Lower Valley declined from additional heat units, while cotton bolls were opening in the Lower Valley and Coastal Bend.

Sorghum planting was 89% complete for the 12 major producing States, up 18 points from last week but 3 points below the average. Grain sorghum planting in Illinois and Kansas increased rapidly from last week but remained slightly behind the average. Sorghum planting in Texas increased 4 points from last week to equal the average. In the Texas plains, planting continued rapidly, with fields heading in central Texas.

Rice was in mostly good to fair condition for the five major producing States. Texas rice condition was reported as good to excellent. Dry weather in Louisiana prevented disease problems, but some areas still reported insect problems. Texas rice fields showed good progress with few disease problems.

Soybean planting was 92% complete, up 13 points from last week and 1 point behind the average. Planting made significant progress in Kansas, where producers increased planting by 40 points from last week to reach 75% complete. Soybean planting was 24 points behind the average in North Carolina due to heavy rains preventing fieldwork. Illinois soybean producers increased plantings by 11 points from last week to 95% complete, 2 points behind normal. Late-planted soybeans in Wisconsin germinated unevenly. Minnesota's and Kentucky's average soybean height was 5 inches, compared with 7 inches for the 5-year average in Minnesota.

Crop Progress and Condition

Week Ending June 25, 1995

Winter Wheat Percent Harvested				
	Jun 25 1995	Prev Week	Prev Year	5-Yr Avg
AR	93	71	73	80
CA	55	35	52	49
CO	0	0	9	3
GA	97	94	97	92
ID	0	0	0	0
IL	22	1	13	20
IN	16	2	5	12
KS	9	1	55	38
MI	0	0	0	0
MO	32	15	22	30
MT	0	0	0	0
NE	0	0	2	3
NC	59	30	71	74
OH	0	0	0	5
OK	60	18	90	78
OR	0	0	0	0
SD	0	0	0	0
TX	62	42	63	62
WA	0	0	0	0
ALL	22	10	40	34

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

Soybeans Percent Planted				
	Jun 25 1995	Prev Week	Prev Year	5-Yr Avg
AL	90	81	83	84
AR	91	79	87	80
GA	89	82	90	85
IL	95	84	99	97
IN	97	88	100	98
IA	99	90	100	97
KS	75	35	97	91
KY	77	50	82	76
LA	97	91	90	84
MI	99	96	100	99
MN	99	95	99	95
MS	97	95	98	82
MO	74	40	97	83
NE	100	92	100	100
NC	59	52	82	83
OH	95	83	100	99
SC	80	65	78	80
SD	90	60	100	94
TN	72	62	85	78
ALL	92	79	97	93

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

Cotton Percent Squaring				
	Jun 25 1995	Prev Week	Prev Year	5-Yr Avg
AL	74	55	48	55
AZ	76	65	95	86
AR	67	36	71	55
CA	15	5	38	48
GA	75	63	80	61
LA	88	76	82	70
MS	88	69	91	60
MO	45	14	63	43
NM	26	2	43	43
NC	30	13	31	35
OK	0	0	8	11
SC	31	17	50	43
TN	64	35	62	38
TX	26	23	38	30
ALL	46	34	54	44

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

Cotton Percent Setting Bolls				
	Jun 25 1995	Prev Week	Prev Year	5-Yr Avg
AL	0	NA	0	0
AZ	20	NA	36	33
AR	0	NA	8	2
CA	0	NA	4	2
GA	14	NA	8	8
LA	27	NA	17	9
MS	6	NA	9	3
MO	0	NA	0	0
NM	0	NA	2	1
NC	0	NA	0	1
OK	0	NA	0	0
SC	1	NA	9	6
TN	0	NA	0	0
TX	13	NA	15	10
ALL	9	NA	11	7

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

Spring Wheat Percent Headed				
	Jun 25 1995	Prev Week	Prev Year	5-Yr Avg
ID	13	NA	42	35
MN	24	NA	39	43
MT	5	NA	14	19
ND	5	NA	21	29
SD	6	NA	75	68
ALL	8	NA	29	34

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

Sorghum Percent Planted				
	Jun 25 1995	Prev Week	Prev Year	5-Yr Avg
AR	100	100	100	98
CO	81	68	96	89
IL	77	47	97	88
KS	85	48	97	89
LA	97	95	100	97
MS	100	100	100	97
MO	82	58	99	91
NE	97	89	100	100
NM	85	81	98	78
OK	75	64	87	89
SD	73	54	100	90
TX	94	90	94	94
ALL	89	71	97	92

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

Corn Crop Condition by Percent					
State	VP	P	F	G	EX
CO	1	5	24	57	13
GA	2	2	31	63	2
IL	1	10	41	42	6
IN	1	7	3	51	8
IA	1	7	27	57	8
KS	1	7	34	52	6
KY	0	5	24	54	17
MI	2	8	29	49	12
MN	1	3	29	52	15
MO	1	21	49	25	4
NE	1	4	40	52	3
NC	0	3	5	58	24
OH	1	11	31	43	14
PA	0	2	22	60	16
SD	0	4	34	54	8
TX	1	3	18	57	21
WI	0	2	23	62	13
ALL	1	7	32	51	9
Prev Wk	1	7	32	51	9
Prev Yr	0	3	18	61	18

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

Crop Progress and Condition

Week Ending June 25, 1995

Cotton Crop Condition by Percent

State	VP	P	F	G	EX
AL	0	6	46	46	2
AZ	1	10	28	41	20
AR	0	7	39	46	8
CA	0	0	55	45	0
GA	0	0	43	55	2
LA	0	1	22	56	21
MS	3	6	20	64	7
MO	1	6	42	35	16
NM	0	3	31	58	8
NC	1	9	38	44	8
OK	2	10	52	36	0
SC	0	2	60	28	10
TN	0	1	21	67	11
TX	2	9	46	38	5
ALL	1	6	40	46	7
Prev Wk	2	10	38	43	7
Prev Yr	0	1	25	61	13

Winter Wheat Crop Condition by Percent

State	VP	P	F	G	EX
AR	0	6	12	56	26
CA	0	0	20	55	25
CO	4	5	16	48	27
GA	0	18	42	40	0
ID	0	1	18	57	24
IL	4	19	41	30	6
IN	2	5	29	55	9
KS	8	22	43	22	5
MI	1	5	24	44	26
MO	11	28	43	18	0
MT	2	6	35	52	5
NE	4	4	21	65	6
NC	4	19	49	28	0
OH	1	3	20	55	21
OK	15	21	42	22	0
OR	2	4	31	53	10
SD	0	5	26	55	14
TX	17	26	40	16	1
WA	3	4	25	52	16
19 Sts	8	16	35	33	8
Prev Wk	7	13	35	37	8
Prev Yr	2	9	38	46	5

Soybeans Crop Condition by Percent

State	VP	P	F	G	EX
AL	0	10	50	40	0
AR	0	1	16	71	12
GA	0	0	22	78	0
IL	1	10	40	44	5
IN	1	6	36	53	4
IA	1	7	33	53	6
KS	0	10	40	48	2
KY	0	1	31	57	11
LA	0	7	34	57	2
MI	2	6	30	41	21
MN	1	5	31	52	11
MS	1	4	19	66	10
MO	0	10	44	42	4
NE	0	3	43	53	1
NC	1	9	32	50	8
OH	1	8	31	48	12
SC	0	4	23	63	10
SD	1	6	33	54	6
TN	0	0	15	61	24
ALL	1	7	34	51	7
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	1	3	25	63	8

Spring Wheat Crop Condition by Percent

State	VP	P	F	G	EX
ID	0	0	17	55	28
MN	7	15	46	29	3
MT	0	5	40	47	8
ND	0	6	30	57	7
SD	1	6	30	59	4
ALL	1	7	34	51	7
Prev Wk	0	5	32	52	11
Prev Yr	0	5	21	62	12

Rice Crop Condition by Percent

State	VP	P	F	G	EX
AR	0	2	19	61	18
CA	0	0	50	50	0
LA	0	3	22	68	7
MS	0	7	17	64	12
TX	0	0	8	57	35
ALL	0	2	3	61	14
Prev Wk	0	1	21	61	17
Prev Yr	0	0	2	91	7

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

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 none to 1.77 in. north; none to 1.90 in. central; none to 1.63 in. south. Temperatures 2 to 6° below normal statewide. Lows 54 to 60° north; 58 to 63° central; 55 to 66° south. Highs 85 to 91° north, 86 to 93° central; 90 to 95° south.

Days suitable for fieldwork 6.4. Topsoil 34% very short, 38% short, 28% adequate. Corn silked 60%, 49% 1994, 50% avg.; 7% very poor, 15% poor, 35% fair, 36% good, 7% excellent. Sorghum planted 73%, 77% 1994, 82% avg.; 11% poor, 46% fair, 43% good. Peanuts pegged 25%, 13% 1994, 25% avg.; 4% poor, 36% fair, 53% good, 7% excellent. Hay harvested 91%, 92% 1994, 91% avg. Wheat harvested 90%, 62% 1994, 76% avg. Livestock 3% poor, 22% fair, 70% good, 5% excellent. Activities: Planting, cultivating, spraying crops. General care of livestock, poultry, catfish.

ALASKA: Cloudy skies, showers blanketed most of the State late last week. Some areas received enough rainfall to replenish depleted soil moisture supplies.

Days suitable for haying, 4. Soil moisture 20% short, 80% adequate. Hay harvest stood at less than 5% complete; comparable to 1994 progress. Crop growth 5% slow, 65% moderate, 30% rapid. Small grain height ranged 7 to 15 in., last year's crop ranged 6 to 14 in. Barley, oat development 60% pre-boot, 40% in-boot by weekend. Condition of barley 25% fair, 65% good, 10% excellent. Commercial potato height 3 in., compared to 4 in. 1994.

ARIZONA: Temperatures 2 to 7° below normal. Extremes 24°; 100° higher elevations; 46°; 113° deserts. No precipitation.

Cotton condition improving. Small grains 4% poor, 11% fair, 75% good, 10% excellent; 99% mature; 72% harvested, 92% 1994, 89% avg. Alfalfa 12% fair, 77% good, 11% excellent. Harvest 40% light, 2% moderate, 58% active. Cantaloupe, honeydew, watermelon available from western growers. Central growers harvesting cantaloupe, potatoes, honeydews, carrots, sweet corn, watermelon, green onions, cabbage, parsley, chili peppers, mixed greens, kale. Eastern growers harvested tomatoes, dry onions, cabbage. Harvest winding down grapefruit, Valencia orange. Grapes harvested central, western areas.

ARKANSAS: Temperatures a little below normal. Scattered showers, thunderstorms heaviest west. Extremes 57°; 94°. Precipitation none to 2.32 in.

Days suitable for fieldwork 7. Soil moisture 40% short, 58% adequate, 2% surplus. Perry county reported 20,000 acres of flooded rice, soybeans. One third of early soybeans must be replanted in Sebastian county due to flooding, several acres of wheat were flooded as well. Mississippi county indicated double cropped soybeans were excellent. Corn was silking, tasseling in Drew county. Vegetables were being harvested in Faulkner county, snapbean harvest ended in Crawford county. Bradley county reported harvesting of tomatoes, while Cleburne county indicated tomato harvest should begin in two weeks. Combining fescue seed was reported in Boone county. Blueberry harvest continued in Faulkner, Johnson counties; blackberry, peach harvest began in Pope county.

CALIFORNIA: Week began temperatures below normal, strong low pressure, few showers higher terrain, northern third. Above normal temperatures end of period, high pressure along coast.

Field activities good progress; open weather prevailed. Cotton, rice development gradually improved as temperatures warmed. Grain harvesting wheat, barley active most growing areas. Rice planting still ongoing, few fields. Emerged rice treated weeds. Over-wintered sugar beets harvested, new crop fields sprayed aphids. Corn, dry beans, grain sorghum planted following small grain harvest. Cotton irrigated, treated lygus, mites, pink bollworm, whitefly. Safflower,

seed alfalfa sprayed lygus. Alfalfa, oats, sudangrass cut hay, green-chopped. Some alfalfa fields treated weevils, worms. Stone fruit harvest active. Treatment pests continued apples, grapes, stone fruit, walnuts. Table grape picking active Coachella Valley. Rain, hail storm Fresno, Tulare counties 15th caused damage stone fruit trees, grape vineyards. Citrus picking active. New crop citrus progressing well. Asparagus harvest completed Salinas Valley. Monterey county artichoke harvest slowed. Harvest broccoli, cauliflower continued Monterey, San Luis Obispo counties. Carrot harvest ongoing Kern, Fresno counties. Celery harvested Monterey, Ventura, San Luis Obispo counties. Cucumbers harvested Fresno, Tulare counties. Garlic harvest underway Kern county. Monterey, San Luis Obispo counties harvested lettuce. Melons picked Coachella, Palo Verde Valleys; planted San Joaquin Valley. Onion harvest continued San Joaquin Valley, Riverside county. Bell peppers planted, treated aphids San Joaquin Valley, harvested desert areas. Spring potatoes harvested Kern county. Sweet corn harvested San Joaquin Valley, Riverside county. Fresh market tomatoes treated. Growers irrigated, weeded processing tomatoes Sacramento, San Joaquin Valleys. Vineseed harvested Sutter county. Other crops harvested: Oriental vegetables, cherry tomatoes, eggplant, fava, green beans, green onions, okra, radishes, peas, squash, spinach, tomatillos, turnips, zucchini. Rangeland pastures drying quickly, lower elevations. Feed supplies adequate, most areas. Light supplemental feeding reported. Mountain pastures continued development. Livestock movement continued to summer pastures, higher elevations. Cattle, sheep condition remained very good.

COLORADO: Mild, normal temperatures early in week. Cold front produced afternoon, evening thunderstorms over northern, eastern areas on 22nd through 25th. Heavy rain, very little hail. Temperatures at or slightly below normal 22nd through 25th, coolest in east.

Days suitable for fieldwork 6.0. Topsoil 7% very short 17% short, 70% adequate, 6% surplus. Subsoil 3% very short, 10% short, 79% adequate, 8% surplus. Winter wheat 59% turning color, 91% 1994, 77% avg.; 1% ripe, 27% 1994, 14% avg. Spring wheat 41% headed, 50% 1994, 33% avg.; 2% poor, 22% fair, 52% good, 24% excellent. Spring barley 56% headed, 61% 1994, 54% avg.; 2% turning color, 10% 1994, 14% avg.; 6% poor, 23% fair, 48% good, 23% excellent. Oats 40% headed, 60% 1994, 59% avg.; 5% poor, 26% fair, 57% good, 12% excellent. Sorghum 65% emerged, 78% 1994, 72% avg. Dry onions 1% very poor, 3% poor, 19% fair, 50% good, 27% excellent. Sugar beets 33% thinned, 96% 1994, 94% avg.; 1% very poor, 2% poor, 10% fair, 56% good, 31% excellent. Summer potatoes 2% very poor, 2% poor, 16% fair, 60% good, 20% excellent. Fall potatoes 93% emerged, 97% 1994, 88% avg. Dry beans 55% planted, 99% 1994, 94% avg.; 35% emerged, 87% 1994, 74% avg. Alfalfa 47% 1st cutting, 76% 1994, 66% avg.; 1% 2nd cutting, 5% 1994, 4% avg. Livestock mostly good to excellent.

DELAWARE: Precipitation 0.35 in., normal 0.80 in. Temperature 73.2°, normal 72.8°. Extremes 50°; 93°. High temperatures in the upper 80s to low 90s. Lows 50s.

Days suitable for fieldwork 4.5. Topsoil 26% short, 74% adequate. Subsoil 35% short, 65% adequate. Winter wheat 13% fair, 76% good, 11% excellent; 100% turned, 79% 1994, 92% avg.; 5% harvested, 4% 1994, 17% avg. Barley 17% fair, 75% good, 8% excellent; 83% harvested, 56% 1994, 72% avg. Soybeans 68% planted, 57% 1994, 74% avg. Sorghum 96% planted, 97% 1994, 98% avg. Other hay 35% 2nd cutting, 3% 1994, 4% avg. Alfalfa hay 39% 2nd cutting, 24% 1994, 31% avg. Green peas 70% harvested, 77% 1994, 73% avg. Lima beans 40% planted, 62% 1994, 69% avg. Apples 100% good. Peaches 4% fair, 96% good. Hay supply now mostly adequate. Planting spring crops, harvesting early vegetables.

FLORIDA: Temperatures 2 to 6° below normal. Lows, upper 50s north, mid 60s central, south. Highs, mid 90s western Panhandle, central Peninsula. Rain fell on 1 to 4 days north, 3 to 7 days central south. Rainfall under 0.75 in. Panhandle, 0.50 to 6.50 in. Big Bend, north half of Peninsula, 1.40 to 5.40 in central, south. Isolated areas central, south reported over 10.00 in.

Soil moisture very short to short Panhandle, short to adequate northern, central, adequate to surplus southern Peninsula. Soybean planting winding down. Hay making active. Tobacco harvest active. Corn hurt by dry weather in Panhandle. Cotton, peanuts, sugarcane good growth. Heavy rainfall near weekend interrupted sweet corn picking, central area. Quincy tomato region escaped heavy showers with picking on schedule. Some northern, north central watermelon harvest delayed by rainfall at weekend. Volume leaders: Watermelons, tomatoes, sweet corn, potatoes, cucumbers. Heavy rain all areas citrus belt except the northern interior which had medium showers. Irrigation stopped. Abundant new growth. Valencia harvest slow, few crops remain. Most processors closed. Caretakers cutting cover crops, controlling excessive water, planting new trees. Cattle condition fair 10%, good 85%, excellent 5%.

GEORGIA: Cooler than normal week, temperatures 3 to 5° below normal. Cooler during first half of week, minima low 50s north-eastern mountains, low 60s cooler areas of southern areas. Maxima near 80° northeast mountains to low to mid 90s central, south. Rain mostly 0.50 in. or less with local totals of 1.00 in. to over 3.00 in.

Days suitable for fieldwork 5.5. Soil moisture 4% very short, 40% short, 52% adequate, 4% surplus. Soil moisture short to adequate. Most crop conditions up from previous week. Cotton planting virtually complete; spraying cotton for insects; irrigating. Pasture condition down slightly from week earlier. Corn 95% silked, 95% 1994, 87% avg.; 61% dough, 71% 1994, 52% avg.; 16% dent, 27% 1994, 18% avg. Hay 2% poor, 37% fair, 58% good, 3% excellent. Peanuts 21% fair, 79% good; 84% blooming, 88% 1994, 81% avg.; 47% pegging, 46% 1994, 36% avg. Sorghum 38% fair, 62% good; 90% planted, 95% 1994, 91% avg. Soybeans 7% blooming, 5% 1994, 4% avg. Tobacco 7% poor, 63% fair, 30% good; 11% harvested, 11% 1994, 9% avg. Other small grains 21% poor, 44% fair, 35% good. Watermelons 10% poor, 27% fair, 63% good; 28% harvested, 41% 1994, 24% avg. Other vegetables 10% poor, 32% fair, 58% good. Apples 3% fair, 97% good. Peaches 28% fair, 72% good; 64% harvested, 72% 1994, 64% avg. Pecans 1% poor, 44% fair, 55% good. Cattle 21% fair, 78% good, 1% excellent. Hogs 22% fair, 77% good, 1% excellent. Activities: Vegetable harvest, cutting hay, bushhogging pastures, routine livestock vaccination, planting summer annuals.

HAWAII: Generally sunny conditions turned cloudy at weekend. Moderate trade winds early in week became light, variable second half of week, resulting in more humid conditions. Light rain windward sections. Soil moisture short leeward areas. Warm temperatures prevailed, high 60s to 90°. Rainfall none to 4.30 in.

Most crops in fair to good condition. Banana production light, papaya production light to moderate. Insect infestations light to heavy.

IDAHO: Temperatures 4 to 11° below normal. All stations reported below normal temperatures, above normal precipitation. Progress for all crops fell further behind normal. Precipitation 0.39 to 2.15 in. north, 0.51 to 0.97 in. southwest, 0.60 to 1.07 in. southcentral, 0.23 to 2.00 in. southeast. Extremes 33°; 99°.

Days suitable for fieldwork 4. Topsoil 4% short, 70% adequate, 26% surplus. Irrigation water supplies 20% good, 80% excellent. Alfalfa hay first cutting 57%, 83% 1994, 71% avg. Corn emerged 93%, 99% 1994, 98% avg. Cherries harvested 9%. Dry beans planted 93%, 99% 1994, 98% avg. Dry beans emerged 81%, 92% 1994, 86% avg. Potatoes emerged 89%, 98% 1994, 94% avg. Potatoes 12 in. high 11%, closing middles 1%. Potatoes 5% poor, 25% fair, 65% good, 5% excellent. Spring barley headed 14%, 40% 1994, 35% avg.; 1% poor, 10% fair, 55% good, 34% excellent.

Spring wheat 17% fair, 55% good, 28% excellent. Sugar beets thinned 72%, 99% 1994, 95% avg. Activities: Irrigating, fertilizing, applying pesticides, cutting alfalfa, planting, replanting dry beans, potatoes.

ILLINOIS: High temperatures in the upper 80s to around 90° exceeded normal by only a couple of degrees south, 10° or more north. Lows in mid to upper 60s. Precipitation varied widely; little, if any, north, to over 1.00 in. central, south; some sites receiving over 2.00 in.

Days suitable for fieldwork 6.0. Topsoil 4% very short, 25% short, 56% adequate, 15% surplus. Soybean planting made good progress last week, advancing to 95% complete by June 25, 84% week ago, 97% avg. Wheat harvest advanced to 22% complete, 20% avg. First cutting of hay 95% complete, 85% last week, 94% avg. Except for the 2 southern districts, reporters indicated a need for rain. Corn 99% planted, 100% 1994, 100% avg.; 15 in. avg. height of all fields, 34 in. 1994, 29 in. avg. Soybeans 1% blooming, 4% 1994, 10% avg. Wheat 98% turning yellow, 95% 1994, 95% avg. Wheat 76% ripe, 54% 1994, 54% avg. Oats 83% headed, 95% 1994, 83% avg.; 35% filled, 65% 1994, 53% avg.; 5% turning yellow, 14% 1994, 16% avg. Alfalfa 95% first cutting, 100% 1994, 94% avg.; 6% second cutting, 21% 1994, 18% avg. Red clover 85% cut, 94% 1994, 82% avg. Oats 1% very poor, 6% poor, 33% fair, 50% good, 10% excellent. Alfalfa 1% very poor, 3% poor, 21% fair, 56% good, 19% excellent. Red clover 1% very poor, 4% poor, 22% fair, 59% good, 14% excellent.

INDIANA: Low pressure south of State drifted northward, helped initiate scattered showers, thunderstorms through State. Atmosphere remained unseasonably warm, humid throughout week. Warmest temperatures noted in north where cloud cover less prevalent. Mean readings of 75 to 80° were 6 to 8° above normal over central, northern areas of State, only 2° above norm far south. Maximum temperatures varied mid 80s to low 90s with mean lows mid to upper 60s. Extreme maximum temperatures reached low to mid 90s through most of State with a 98° reading reported at Terre Haute, Lafayette. Scattered showers, thunderstorms developed most every afternoon but soon faded after sunset. Some storms dropped more than an inch of rain through sections of central, southeastern areas, but coverage of moisture was spotty. Majority of locations noted 0.50 in. or less of precipitation with no rainfall through far northern parts of State.

Days suitable for fieldwork 6.0. Topsoil 9% very short, 31% short, 52% adequate, 8% surplus. Subsoil 1% very short, 21% short, 69% adequate, 9% surplus. Soybean planting is near completion except for double cropped soybeans, some scattered fields throughout State. Some crops showing stress from recent hot, dry weather. Wheat harvest is underway, southwest areas. First cutting of alfalfa 94% complete, 100% 1994, 95% avg. Tobacco 90% set, 98% 1994, 85% avg.

IOWA: Hot through 24th, temperatures 4° above normal southwest to nearly 10° above normal east central. Extremes 60° northeast, 20th; 98° east central, 21st. Most areas dry until 23rd with greatest rains late weekend. Rain totals 0.14 in. southwest to over 3.91 in. northeast; State average 1.12 in., normal 1.04 in.

Days suitable for fieldwork 6.9. Topsoil short 52%, adequate 46%, surplus 2%. Subsoil short 7%, adequate 83%, surplus 10%. Corn emerged 99%, 100% 1994, 99% avg.; cultivated 1st time 49%, 80% 1994, 60% avg. Corn stands compared to normal (normal = 100%) 89%; average height 15 in., tallest height 24 in. Soybeans emerged 89%, 100% 1994, 91% avg.; replanted or to be replanted 6%. All hay 2% poor, 16% fair, 64% good, 18% excellent; alfalfa hay first cutting 88%, 93% 1994, 79% avg. Clover hay first cutting 54%, 72% 1994, 53% avg. Oats 2% very poor, 11% poor, 30% fair, 52% good, 5% excellent; headed 64%, 99% 1994, 78% avg. Winter wheat 9% very poor, 7% poor, 33% fair, 46% good, 5% excellent. Hot, dry weather prevailed across State last week which encouraged rapid development of row crops. Heat, lack of moisture are also causing problems in some areas as corn, soybean leaves are showing signs of heat stress; ground is cracking, becoming compacted; regrowth of harvested hay slow. Crops over most of State did, however, receive a much welcomed rain over weekend. Most livestock reported in fair to good condition. States

livestock are feeling the affects of last weeks weather in the form of heat stress.

KANSAS: Temperatures 4° above normal west to 1° above normal northeast district. Precipitation was heaviest in southwest, very light in southeast, light to moderate elsewhere.

Days suitable for fieldwork 6.5. Topsoil 1% very short, 29% short, 67% adequate, 3% surplus. Subsurface moisture 1% very short, 6% short, 83% adequate, 10% surplus. Warm, sunny weather last week ripened wheat. Harvest got underway southern areas until rains stopped progress late in week. Farmers busy past week putting up hay, planting fall crops, harvesting wheat. Wheat ripe is 38%, 89% 1994, 72% avg. Wheat turning color 95%, 100% 1994, 98% avg. Moderate to severe infestations of foliar diseases such as rust, tan spot, powdery mildew, smut, speckled leaf blotch are reported across State. Barley yellow dwarf prevalent southern areas. Alfalfa first cut 100%, 100% 1994, 99% avg.; second cut 16%, 42% 1994, 30% avg.

KENTUCKY: Warm, humid with showers, thunderstorms scattered over State during afternoon, evening hours. High temperatures near normal with mid 80s west, lower 80s east. Minimum temperatures lower, mid 60s, slightly above normal. Most locations received some precipitation. Amounts variable, with just over 0.10 in. couple of locations to spotty amounts well over 1.00 in. some thunderstorms.

Days suitable for fieldwork 4.9. Topsoil 9% short, 81% adequate, 10% surplus. Subsoil adequate to surplus. Condition of set tobacco 1% very poor, 4% poor, 32% fair, 57% good, 6% excellent. Corn 10% tasseling. Soybeans 77% planted. Wheat 62% harvested, yields fair to good. Haying very active. Pastures mostly good to excellent.

LOUISIANA: Temperatures 3° below normal to normal. Extremes 59°; 97° Rainfall 0.01 in. northwest to 1.29 in. southwest.

Days suitable for fieldwork 6.8. Soil moisture 17% very short, 53% short, 30% adequate. Corn 4% very poor, 13% poor, 21% fair, 54% good, 8% excellent; 88% silked, 96% 1994, 91% avg.; 52% dough stage, 63% 1994, 48% avg.; 5% mature, 6% 1994, 2% avg. Late planted corn began showing drought stress. Cotton farmers continued insect control. Hay 78% first cutting, 85% 1994, 80% avg. Hay baling was active. Peaches 16% harvested, 51% 1994, 45% avg. Rice 18% headed, 30% 1994, 22% avg. Dry weather aided disease suppression in rice, but some areas continued to have problems with insects. Sorghum 5% poor, 28% fair, 67% good; 96% emerged, 99% 1994, 94% avg.; 12% headed, 25% 1994, 20% avg. Soybeans 91% emerged, 89% 1994, 79% avg.; 6% blooming, 4% 1994, 1% avg. Dry conditions once again delayed completion of soybean planting. Sugarcane 4% poor, 23% fair, 56% good, 17% excellent. Sugarcane growers continued preparing seedbeds. Sweet potatoes 84% planted, 77% 1994, 75% avg. Wheat 99% harvested, 97% 1994, 96% avg. Vegetables 2% very poor, 10% poor, 36% fair, 47% good, 5% excellent. Livestock 3% poor, 22% fair, 65% good, 10% excellent. Pasture feed: Pastures needed moisture.

MARYLAND: Precipitation 0.45 in., normal 0.90 in. Temperature 74.0°, normal 72.4°. Extremes 45°; 96°. Low temperatures mainly in the 50s. Highs were mainly in the mid 80s to mid 90s.

Days suitable for fieldwork 5.0. Topsoil 5% very short, 13% short, 69% adequate, 13% surplus. Subsoil 6% very short, 17% short, 68% adequate, 9% surplus. Winter wheat 8% poor, 17% fair, 62% good, 13% excellent; 96% turned, 92% 1994, 91% avg.; 15% harvested, 13% 1994, 20% avg. Rye 3% poor, 9% fair, 82% good, 6% excellent; 93% turned, 90% 1994, 88% avg.; 24% harvested, 19% 1994, 28% avg. Barley 1% very poor, 5% poor, 16% fair, 59% good, 19% excellent; 75% harvested, 75% 1994, 71% avg. Soybeans 74% planted, 71% 1994, 75% avg. Sorghum 90% planted, 94% 1994, 94% avg. Tobacco 100% transplanted, 96% 1994, 93% avg. Other hay 95% 1st cutting, 96% 1994, 95% avg.; 10% 2nd cutting, 8% 1994, 8% avg. Alfalfa hay 27% 2nd cutting, 36% 1994, 29% avg. Sweet corn 94% planted, 95% 1994, 95% avg. Apples 4% fair, 55% good, 41% excellent. Peaches 16% fair, 69% good, 15% excellent. Strawberries 94%

harvested, 86% 1994, 87% avg. Activities: Planting of spring crops, vegetables, haymaking, harvesting, selling early vegetables.

MICHIGAN: Extremes 46°; 103°. Precipitation none to 0.35 in. across the State. Record highs recorded around State. Extremes 46°, 103°. Houghton Lake, Alpena reported record highs of 103°. Four other areas, Grant, Saginaw, Sandusky, Standish, reported temperatures over 100°. Precipitation none to less than 0.50 in. Fields very dry with crop development at critical stage. Many farmers were hoping for rain.

Days suitable for fieldwork 6.5. Hot dry weather slowed crop growth, development. Many crops conditions fell considerably from last week. Topsoil moisture 48% very short, 42% short, 10% adequate. Subsoil moisture 15% very short, 56% short, 28% adequate, 1% surplus. Dry beans planted 98%, 94% 1994, 90% avg.; emerged 83%, 86% 1994, 78% avg. Corn height 14%, 20% 1994, 19% avg. All hay, 1st cutting 85%, 80% 1994, 71% avg.; 3% very poor, 5% poor, 28% fair, 47% good, 17% excellent. Oats, headed 47%, 65% 1994, 41% avg.; 2% very poor, 11% poor, 34% fair, 46% good, 7% excellent. Wheat turning yellow 28%, 24% 1994, 23% avg. Soybeans, emerged 90%, 100% 1994, 100% avg.

MINNESOTA: Temperatures 9° to 14° above normal northern one third of State, 8 to 10° above normal central part, 7 to 10° above normal southern part of State. Extremes 40°; 98°. Precipitation 0.44 to 0.89 in. below normal northern one third of State, 0.41 to 0.79 in. below normal central part, 0.17 to 0.46 in. below normal southern part of the State. Greatest weekly total 1.35 in.

Days suitable for fieldwork 6.5. Topsoil 16% very short, 33% short, 46% adequate, 5% surplus. Spring wheat 90% jointed, 91% 1994, 89% avg.; headed 24%, 39% 1994, 45% avg. Oats 90% jointed, 97%, 91% avg.; headed 36%, 69%, 58% avg. Barley 85% jointed, 90%, 85% avg.; headed 25%, 64%, 51% avg. Sweet corn 89% planted, 99%, 93% avg. Alfalfa first cutting 90%, 89%, 74% avg. Corn 99% emerged, 99%, 98% avg.; 67% cultivated, 77%, 59% avg.; height 18 in., 31 in. 1994, 20 in. avg. Soybeans 95% emerged, 99%, 91% avg.; 35% cultivated, 49%, 39% avg.; height 5 in., 11 in., 7 in. avg. Oats 6% very poor, 16% poor, 42% fair, 33% good, 3% excellent. Barley 7% very poor, 14% poor, 48% fair, 29% good, 2% excellent.

MISSISSIPPI: Temperatures 3° below normal. Extremes 55°; 95°. Soil temperatures 84°. Precipitation 0.53 in., 0.49 in. below normal. Rainfall: 0.15 in. southwest district to 1.02 in. central district.

Days suitable for fieldwork 5.9. Soil moisture 5% very short, 32% short, 56% adequate, 7% surplus. Corn 71% silked, 71% 1994, 52% avg.; 29% dough, 29% 1994, 11% avg.; 4% poor, 13% fair, 67% good, 16% excellent. Soybeans 97% planted, 98% 1994, 82% avg.; 87% emerged, 94% 1994, 73% avg.; 16% blooming, 5% 1994, 2% avg.; 1% very poor, 4% poor, 19% fair, 66% good, 10% excellent. Wheat 100% mature, 100% 1994, 100% avg.; 94% harvested, 89% 1994, 80% avg.; 2% very poor, 3% poor, 66% fair, 28% good, 2% excellent. Hay 100% harvested cool, NA 1994, NA avg.; 44% hay harvested warm, NA 1994, NA avg.; 2% very poor, 5% poor, 23% fair, 58% good, 12% excellent. Peaches 22%, 44% 1994, 45% avg.; 2% very poor, 5% poor, 14% fair, 58% good, 21% excellent. Peanuts 1% fair, 32% good, 67% excellent. Sweet potatoes 77% planted, 80% 1994, 84% avg.; 2% poor, 12% fair, 60% good, 26% excellent. Watermelons 99% planted, 100% 1994, 100% avg.; 1% poor, 27% fair, 50% good, 22% excellent. Cattle 1% very poor, 3% poor, 17% fair, 62% good, 17% excellent. Activities: Planting soybeans; harvesting hay, winter wheat. Farmers applying pinhead square, budworm, boll worm applications. Plant bug, worm counts are reported light to moderate in most cotton fields. Soybean planting getting to final stages, most areas need rain to help germinate seed. Cattle farmers busy harvesting warm season grasses. Soil moisture 5% very short, 32% short, 56% adequate, 7% surplus.

MISSOURI: Temperatures generally above normal across most of the State, 2° below normal at Caruthersville, to 5° above normal at Kirksville. Precipitation 1.22 in., less than 0.60 in. northeast, east central districts to 3.60 in. west central.

Days suitable for fieldwork 6.1. Topsoil 2% very short, 26% short, 64% adequate, 8% surplus. Single-crop soybean planting ranges from 50% southwest to 91% southeast, 92% south central. Double-crop soybean planting 33%, 23% 1994, 31% avg.; progress ranges from none northern counties to 65% southeast. Sorghum planting varies from around 50% northeast, southwest, to 99% southeast. Majority of wheat harvested confined to southeast 82%, south central 63%. Alfalfa first cutting 83%, 99% 1994, 92% avg. Other hay 53%, 69% 1994, 62% avg.

MONTANA: Most stations received above normal precipitation. Scattered thunderstorms also brought some hail. Temperatures were near to below normal for the western two-thirds of the State while the eastern third was 2 to 4° above normal.

Days suitable for fieldwork 4.0. Topsoil 2% very short, 13% short, 72% adequate, 13% surplus. Subsoil 2% very short, 15% short, 78% adequate, 5% surplus. Spring grains continue to look good. Haying well under way. Spring wheat 39% boot, 52% 1994, 56% avg. Winter wheat 3% turning, 4% 1994, 4% avg. Spring wheat 5% headed, 14% 1994, 19% avg. Barley 4% poor, 35% fair, 51% good, 10% excellent; 35% boot stage, 63% 1994, 61% avg.; 6% headed, 18% 1994, 20% avg. Oats 5% poor, 34% fair, 49% good, 12% excellent; 46% boot, 53% 1994, 56% avg.; 7% headed, 14% 1994, 17% avg. First cutting alfalfa hay 11%, 29% 1994, 26% avg. First cutting other hay 11%, 22% 1994, 17% avg.

NEBRASKA: Temperatures 2° below normals northwest to around 3° above normals remainder of the State. Precipitation 0.10 in. east central up to 1.80 in. north central.

Days suitable for fieldwork 6.5. Topsoil 6% very short, 38% short, 54% adequate, 2% surplus. Subsoil 3% short, 85% adequate, 12% surplus. Wheat 100% headed, 100% 1994, 100% avg.; 43% turning, 95% 1994, 78% avg. Premature ripening reported in southeastern counties. Corn 100% emerged, 100% 1994, 100% avg. Soybeans 100% planted, 100% 1994, 100% avg.; 88% emerged, 100%, 1994, 97% avg. Sorghum 1% very poor, 6% poor, 48% fair, 42% good, 3% excellent; 97% planted, 100% 1994, 100% avg.; 78% emerged, 100% 1994, 97% avg. Dry beans 99% planted, 100% 1994.

NEVADA: Low pressure slowly moved across State first half of week, causing much below normal temperatures, and showers, thunderstorms in northern areas. High pressure from southeast moved in second half of week, bringing gradually warming temperatures, decreasing cloudiness statewide. Greatest precipitation totals in northeast division, averaging 0.20 in. Elko had most rain, 0.40 in., followed by Winnemucca with 0.35 in. Divisional temperatures 5° below normal extreme south to 9° below normal northeast. Extremes 18° Mountain City; 110° Laughlin.

Days suitable for fieldwork 6.6. Storm activity pestered hay growers, cool temperatures kept crop progress behind normal. Grain harvest continued extreme south, heading progressed northern districts. Hail 15th storm Lovelock area caused heavy damage to some fields; half of grain crop acreage in area poor or very poor condition. Grain crop condition fair to excellent elsewhere. Alfalfa third cutting continued extreme south. First cutting in full swing north. Cool temperatures, showers early in week slowed curing of cut hay. Weeds very heavy due to abnormally wet Spring. Potato, onion, garlic crops in good condition. Hand weeding in onion fields. Most livestock moved to summer pastures. Main activities: Haying, irrigating, weed control, insect spraying, calving, working newborn livestock.

NEW ENGLAND: Precipitation none to 0.14 in. north, none to 0.39 in. south. Temperatures 67 to 75° north, 69 to 74° south. Maxima 85 to 100° north, 87 to 98° south. Minima 34 to 56° north, 45 to 62° south.

Days suitable for fieldwork 6.8. Topsoil 7% very short, 47% short, 46% adequate. Subsoil 6% very short, 44% short, 50% adequate. Maine potatoes 95% emerged, excellent/good. Rhode Island potatoes excellent/good. CT River Valley potatoes 100% emerged, good.

Maine oats excellent/good. Maine barley excellent/good. Field corn 99% planted, 99% 1994, 99% avg.; 95% emerged, condition good. Sweet corn 95% planted, 90% 1994, 95% avg.; 90% emerged, condition good. Shade tobacco condition good/excellent. Outdoor tobacco 95% planted, 99% 1994, condition good/fair. First hay crop 75% harvested, 70% 1994, 70% avg., condition good/excellent. Second cut hay <5% harvested, condition good/fair. Apples set avg./above avg.; condition good, size avg. Peaches set avg.; condition fair/good, size avg. Pears set avg., condition good, size avg. Strawberries set avg.; condition good, size avg., 40% harvested. Cranberries in early bloom/full bloom stage, condition good/excellent. Highbush blueberries set avg., condition good, size avg. Wild blueberries set above avg.; condition excellent, size avg. Hot, dry weather allowed final plantings, hay harvesting to continue unabated. Moisture levels continue to decrease however, prompting many farmers to irrigate where available. More rain is needed to bring the second crop of hay to full potential in most areas. Major farm activities: Fertilizing, cultivating, irrigating, picking strawberries, applying herbicides, insecticides.

NEW JERSEY: Temperatures above normal. Extremes 52°; 96°. Rainfall 0.56 in. north, 0.71 in. central, 0.64 in. south. Heaviest 24 hour total was 1.00 in. on the 21st to 22nd. Estimated soil moisture, in percent of field capacity, averaged 69% north, 65% central, 53% south.

Days suitable for fieldwork 6. Topsoil moisture adequate. Good volume of cabbage, cucumbers, squash, green beans. Moderate supply of endive, escarole, lettuce, parsley, spinach. Light harvest of egg-plant, peppers, tomatoes. Barley harvest still active. First cutting hay nearly finished. Strawberry harvest nearly complete. Thinning peach crop close to completion. Blueberry harvest increasing statewide.

NEW MEXICO: In marked contrast to late June last year, temperatures averaging between 2 to 3° below normal. Gallups anomaly for week was -9° due to dry air allowing minima to fall to 30s every night. Extremes 31°; 101°. While west stayed dry, most eastern areas received some rainfall from scattered thunderstorms throughout the week. Higher amounts were in the northeast, included 2.26 in. at Las Vegas, 1.52 in. at Raton, 1.45 in. at Roy.

Days suitable for fieldwork 6.3. Soil moisture 30% very short, 41% short, 29% adequate. Alfalfa 2% poor, 25% fair, 47% good, 26% excellent. Wheat 47% very poor, 22% poor, 17% fair, 12% good, 2% excellent. Corn 8% poor, 19% fair, 70% good, 3% excellent. Cotton 3% poor, 31% fair, 58% good, 8% excellent; 26% squaring, 43% 1994, 43% avg. Sorghum 55% fair, 44% good, 1% excellent; 85% planted, 98% 1994, 78% avg. Chile 16% poor, 32% fair, 50% good, 2% excellent. Onions 11% poor, 22% fair, 65% good, 2% excellent; 12% harvested. Pecans 15% very poor, 19% poor, 20% fair, 39% good, 7% excellent. Apples 34% poor, 50% fair, 16% good. Cattle 1% very poor, 12% poor, 40% fair, 44% good, 3% excellent. Sheep 12% poor, 41% fair, 45% good, 2% excellent.

NEW YORK: Week was characterized by very warm, dry weather. Temperatures averaged well above normal, precipitation was sparse. Week began with first real heat of season. Heat peaked on 24th when most of State climbed into 90s. Temperature reached 101° at Plattsburgh, 100° at Elizabethtown. On 22nd, weather cooled off a bit north, remained hot from southern tier to mid to lower Hudson Valley. Remainder of week was warm, not nearly as hot. For week, temperatures 5 to 8° above normal some places. Smallest departures were near the coast. Rainfall was spotty, most places less than 0.10 in.

Days suitable for fieldwork 6.9. Soil moisture 25% very short, 69% short, 6% adequate. Rainfall needed to replenish soil moisture, improve condition of crops, pastures. Hay in fair to good condition. Alfalfa first cutting 83% finished, 83% 1994, 78% avg. Clo-tim 74% harvested, 65% 1994, 63% avg. Moisture is needed to promote good regrowth. Wheat was in good condition. Producers across region had a good week for applying herbicides, pesticides, fertilizing crops. Upstate potatoes blooming. Dry bean planting continued. Late season vegetables still being planted. Harvesting of early crops gained momentum. Dryness continues to put pressure on crops. Irrigation

active where available. Grapes were in bloom. Sweet cherries beginning to ripen. Apples exhibit good crop potential. Fruit size is large.

NORTH CAROLINA: Heavy rains continued to pound many areas of State during past week. Last week was fourth consecutive week in which State experienced above normal rainfall. Excessive rainfall continued to create ideal conditions for fungus, mold growth, along with resulting in damage to a wide variety of crops. Among damage reported was lodging of small grain crops, drowning of tobacco, cotton, soybeans. Wet fields also caused delays in cutting hay, inability for farmers to spray, cultivate crops. Harvest of flue-cured tobacco has begun. Temperature 72°, 3° below normal. Extremes 49°; 88°. Precipitation 1.97 in., 0.55 in. above normal.

Days suitable for fieldwork 3.7. Soil moisture 1% short, 53% adequate, 46% surplus. Planting of soybeans, sorghum continues to lag behind normal. Harvesting of peaches entering its fourth week, progressing slightly behind average. Sorghum 45% planted, 90% 1994, 82% avg. Oats 50% harvested, 77% 1994, 75% avg. Barley 60% harvested, 73% 1994, 74% avg. Rye 55% harvested, 69% 1994, 72% avg. Sweet potatoes 84% transplanted, 91% 1994, 94% avg. Irish potatoes 40% harvested, 41% 1994, 45% avg. Peaches 22% harvested, 31% 1994, 32% avg. Corn is progressing ahead of average.; 39% silked, 35% 1994, 18% avg.; 6% in dough, 14% 1994, 7% avg. Condition of crops remains fair to good, but wet weather has begun to cause some decline in ratings. Irish potatoes 2% poor, 26% fair, 72% good; peaches 8% fair, 82% good, 10% excellent; truck crops 20% very poor, 15% poor, 23% fair, 35% good, 7% excellent; apples 13% fair, 86% good, 1% excellent; peanuts 4% poor, 43% fair, 45% good, 8% excellent; sweet potatoes 11% poor, 51% fair, 36% good, 2% excellent; hay 4% poor, 25% fair, 58% good, 13% excellent; tobacco in fields 2% very poor, 15% poor, 46% fair, 31% good, 6% excellent; hay, roughage supplies 12% short, 75% adequate, 13% surplus. Activities: Planting soybeans, transplanting sweet potatoes, harvesting small grains, spraying, cultivating crops, cutting hay, digging drainage ditches, tending livestock, repairing equipment.

NORTH DAKOTA: Temperatures 2° above normal southwest to 11° above normal east central. Extremes 46° west central; 99° east central. Precipitation 0.65 in. southeast to 1.43 in. north central, south central.

Days suitable for fieldwork 5. Showers, thunderstorms replenished soil moisture supplies. Topsoil 16% short, 77% adequate, 7% surplus. Subsoil 5% short, 83% adequate, 12% surplus. Small grain development advanced to the jointing and boot stages, remained behind average. Durum wheat 5% boot and beyond; 24% 1994; 35% avg.; barley 11% boot and beyond; 56% 1994; 64% avg.; oats 5% boot and beyond; 49% 1994; 58% avg. Emergence of late season crops virtually complete, development slightly behind average. Flaxseed 88% emerged; 98% 1994; 99% avg.; corn 99% emerged; 100% 1994; 100% avg.; dry edible beans 98% emerged; 99% 1994; 99% avg.; soybeans 98% emerged; 99% 1994; 99% avg.; sunflower 91% emerged; 98% 1994; 98% avg.; potatoes 96% emerged; 100% 1994; 100% avg. Crop conditions improved from last week. Hard red spring wheat none very poor, 6% poor, 30% fair, 57% good, 7% excellent; durum wheat 0%, 3%, 27%, 61%, 9%; barley 1%, 5%, 27%, 61%, 6%; oats 0%, 3%, 27%, 65%, 5%; flaxseed 0%, 4%, 28%, 63%, 5%; corn 0%, 1%, 18%, 70%, 11%; dry edible beans 0%, 2%, 15%, 71%, 12%; soybeans 0%, 9%, 42%, 41%, 8%; sunflower 0%, 2%, 20%, 68%, 10%; sugar beets 0%, 6%, 16%, 74%, 4%; potatoes 0%, 0%, 15%, 70%, 15%.

OHIO: Low pressure south of State drifted northward, initiated scattered showers, thunderstorms. Atmosphere remained unseasonably warm, humid. Warmest temperatures were in north, where cloud cover less prevalent. Mean readings of 75 to 79° were 6 to 8° above normal over central, northern areas, only 2° above normal far south. Maxima varied from the mid 80s to near 90°, mean lows in mid 60s. Extreme maximum temperatures reached the lower 90s with a 98° reading reported at Toledo. Scattered showers, thunderstorms

developed most afternoons but soon faded after sunset. Some storms dropped more than 1.00 in. of rain through sections of central, north-eastern areas; coverage was spotty. Most locations noted 0.50 in. or less, with no rainfall at Toledo.

Days suitable for fieldwork 6.1. Soil moisture, 3% very short, 22% short, 62% adequate, 13% surplus. Drying trend of last week continued, rapidly ripening winter wheat, allowing farmers to catch up on haymaking. Late planted crops in northwestern sections needed rain. Head scab continued to be reported in wheat. First cuttings of hay are heavy, hay not mowed or grazed is becoming over mature. Alfalfa leaf weevil reported in Huron County. Corn bores, army worm seen in corn. Heat stress from heat, humidity is reported in livestock. Dairy production has been adversely affected. Oats headed 62%, 80% 1994, 75% avg. Corn emerged 94%, 100% 1994, 99% avg. Soybeans emerged 82%, 100% 1994, 95% avg. Wheat turning color 82%, 88% 1994, 74% avg. Wheat ripe 5%, 11% 1994, 4% avg. Strawberries harvested 60%, 59% 1994, 72% avg. Alfalfa hay first cutting 86%, 100% 1994, 96% avg. Other hay 78%, 98% 1994, 87% avg. Hay 1% very poor, 8% poor, 27% fair, 51% good, 13% excellent. Oats 11% poor, 34% fair, 45% good, 10% excellent.

OKLAHOMA: Temperatures 0.9° below normal northeast to 4.5° below normal southeast district. Precipitation none south central district to 2.84 in. northeast district.

Days suitable for fieldwork 6.8. Topsoil 18% short, 78% adequate, 4% surplus. Subsoil 6% short, 89% adequate, 5% surplus. Wheat 16% plowed, 41% 1994, 31% avg. Oats 85% soft dough, 100% 1994, 98% avg.; 38% harvested, 60% 1994, 46% avg.; 8% plowed, 26% 1994, 18% avg. Barley 65% soft dough, 99% 1994, 97% avg.; 25% harvested, 54% 1994, 50% avg.; 2% plowed, 20% 1994, 15% avg. Corn 8% tasseling, 30% 1994, 24% avg.; 2% milk-to-soft, 14% 1994, 6% avg. Sorghum 70% up-to-stand, 70% 1994, 77% avg.; 0% headed, 1% 1994, 1% avg. Soybeans 36% up-to-stand, 79% 1994, 48% avg.; 9% flowering, 8% 1994, 2% avg. Peanuts 88% planted, 97% 1994, 90% avg.; 68% up-to-stand, 90% 1994, 75% avg.; 0% pegging, 10% 1994, 8% avg. Cotton 96% up-to-stand, 98% 1994, 92% avg. Alfalfa 1% poor, 32% fair, 62% good, 5% excellent.; 59% 2nd cutting, 77% 1994, 57% avg.; 4% 3rd cutting, 6% 1994, 4% avg. Livestock 1% poor, 9% fair, 81% good, 9% excellent. Prices for feeder steers, heifers were steady to \$2.00/cwt lower.

OREGON: Precipitation above normal, statewide. Temperatures 5 to 10° below normal eastern sections, near normal western sections.

Days suitable for fieldwork 5.4. Topsoil 4% short, 94% adequate, 2% surplus. Subsoil 5% short, 92% adequate, 3% surplus. Winter wheat headed 99%. Hay activities slowed, rainy weather early week. Much hay damaged, rain. Cool weather slowed grain maturity. Fieldwork, weed spraying continued, small grain fields. Sugar beets growing rapidly, potato planting completed, 80% potato emergence, Klamath Basin. Cool, wet weather slowed vegetable field activity, growth, sweet corn, green beans doing well, late sweet corn planting continued, onion crop growing well, strawberry picking winding down (much mold, rot), raspberry harvest continued, other canberries advanced rapidly, Willamette Valley. Sweet cherry harvest continued, much rain cracked fruit, Willamette Valley, The Dalles district. South coast: Cranberry bloom continued Crowley, McFarlin beds, Stevens beds bloom nearly complete. Willamette Valley nursery: Planted nursery stock growth development continued excellent, wet conditions enhanced first year planting growth. Livestock good to excellent condition. Cattle turn out on public lands winding down. Spring rains left much quality forage.

PENNSYLVANIA: Well above normal temperatures, below normal precipitation. Southcentral regions received most of the rainfall. Temperature 79°, 12° above normal. Extremes 48°; 95°. Precipitation 0.42 in., 0.52 in. below normal.

Days suitable for fieldwork 5.8. Soil moisture 6% very short, 43% short, 49% adequate, 2% surplus. Corn height 16 in., 15 in. 1994, avg. 14 in. Tobacco 94% transplanted, 93% 1994, 93% avg. Soybeans

planted 85% complete, 94% 1994, 92% avg.; 6% poor, 27% fair, 48% good, 19% excellent. Potatoes planted 100% complete, 100% 1994, 100% avg. Barley 100% heading or headed, 100% 1994, 100% avg.; 82% turning yellow, 82% 1994, 73% avg.; 55% ripe, 44% 1994, 37% avg.; 25% harvested, 21% 1994, 19% avg. Wheat 98% heading or headed, 100% 1994, 100% avg.; 63% turning yellow, 45% 1994, 45% avg.; 3% ripe, 4% 1994, 8% avg.; 0% harvested, 0% 1994, 2% avg. Wheat 12% fair, 64% good, 24% excellent. Oats 69% heading or headed, 46% 1994, five year average not available, 4% turning yellow, 3% 1994, 7% avg.; 1% ripe, 0% 1994, 1% avg. Oat 4% poor, 20% fair, 63% good, 13% excellent. Alfalfa 1st cutting 73% complete, 85% 1994, 85% avg. Alfalfa 2nd cutting 14% complete, 13% 1994, 12% avg. Timothy clover 1st cutting 58% complete, 64% 1994, 69% avg. Quality of hay made 4% poor, 19% fair, 52% good, 25% excellent. Activities: Planting, spraying corn, soybeans; making hay, haylage; filling silos; hauling manure; caring for livestock.

PUERTO RICO: No weather data available.

SOUTH CAROLINA: Temperatures 1 to 2° above normal. Extremes 52°; 93°. Rainfall 1.20 in.

Days suitable for fieldwork 5.4. Soil moisture 24% short, 68% adequate, 8% surplus. Barley 95% ripe, 93% 1994, 93% avg.; 72% harvested, 85% 1994, 80% avg.; 8% poor 75% fair, 17% good. Corn 80% silked, 83% 1994, 68% avg.; 30% doughed, 43% 1994, 23% avg.; 3% matured, 3% 1994, 0% avg.; 3% poor, 38% fair, 55% good, 4% excellent. Oats 100% ripe, 95% 1994, 97% avg.; 91% harvested 92% 1994, 85% avg.; 4% very poor, 11% poor, 47% fair, 38% good. Rye 100% ripe, 94% 1994, 93% avg.; 89% harvested, 79% 1994, 72% avg.; 7% very poor, 19% poor, 61% fair, 13% good. Sorghum 65% planted, 73% 1994, 72% avg.; 5% poor, 54% fair, 36% good 5% excellent. Sweet potatoes 65% planted, 89% 1994, 87% avg. Tobacco 26% topped, 54% 1994, 50% avg.; 42% fair, 58% good. Wheat 90% harvested, 89% 1994, 84% avg.; 5% very poor, 25% poor, 61% fair, 9% good. Peaches 25% harvested, 26% 1994, 26% avg.; 3% poor, 86% good, 11% excellent. Watermelons 45% harvested, 40% 1994, 28% avg.; 23% poor, 59% fair, 18% good. Cantaloupes 47% harvested, 37% 1994, 31% avg.; 15% poor, 37% fair, 48% good.

SOUTH DAKOTA: Temperatures 1 to 6° below normal, western half to 3 to 6° above normal, eastern half. Extremes 39°; 95°. Rainfall fell over most of State, heaviest amounts falling in western half. General rainfall amounts were 1.00 to 4.00 in. western half, less than 1.00 in. eastern half. Heaviest precipitation 4.50 in. at Dupree.

Days suitable for fieldwork 5.5. Topsoil 1% very short, 12% short, 59% adequate, 28% surplus. Subsoil 50% adequate, 50% surplus. Winter wheat 100% boot, 100% 1994, 100% avg.; 89% headed, 99% 1994, 98% avg.; 1% turning color, 47% 1994, 34% avg. Winter rye 99% boot, 100% 1994, 100% avg.; 95% headed, 100% 1994, 99% avg.; 1% turning color, 31% 1994, 26% avg.; 29% fair, 53% good, 18% excellent. Barley 35% boot, 88% 1994, 89% avg.; 5% headed, 71% 1994, 66% avg.; 1% very poor, 3% poor, 36% fair, 58% good, 2% excellent. Oats 43% boot, 93% 1994, 90% avg.; 7% headed, 77% 1994, 69% avg.; 5% poor, 34% fair, 58% good, 3% excellent. Spring wheat 49% boot, 92% 1994, 91% avg. Flax 97% planted, 98% 1994, 99% avg.; 92% emerged, 89% 1994, 93% avg.; 33% fair, 66% good, 1% excellent. Corn height 8 in., 22 in. 1994, 16 in. avg.; 33% cultivated once, 87% 1994, 69% avg. Sorghum 1% very poor, 7% poor, 43% fair, 45% good, 4% excellent. Sunflowers 78% planted, 100% 1994, 93% avg.; 6% poor, 35% fair, 57% good, 2% excellent. Crop emergence was a problem in some areas due to baked topsoil from extremely hot, dry winds. Weeds continued to pose a problem as windy conditions hampered spraying. First cutting alfalfa 56% harvested, 80% 1994, 64% avg. Other hay 15% harvested, 25% 1994, 20% avg. Livestock 1% poor, 9% fair, 72% good, 18% excellent. Stockwater supplies 63% adequate, 37% surplus.

TENNESSEE: Temperatures 5° below normal middle, east, slightly above normal West. Extremes 56°; 91°.

Days suitable for fieldwork 5.0. Topsoil 7% short, 81% adequate, 12% surplus. Subsoil 6% short, 84% adequate, 10% surplus. Corn 1% poor 9% fair, 57% good, 33% excellent; 44% tasseling, 19% 1994, 17% avg. Cotton 1% poor, 21% fair, 67% good, 11% excellent; 64% squaring, 62% 1994, 38% avg. Sorghum 19% fair, 61% good, 20% excellent. Tobacco 2% poor, 30% fair, 63% good, 5% excellent; 96% transplanted, 99% 1994, 98% avg. Soybeans 15% fair, 61% good, 24% excellent; 72% planted, 85% 1994, 78% avg. Wheat 85% harvested, 74% 1994, 65% avg. Alfalfa 12% fair, 75% good, 13% excellent; 49% 2nd cutting, 54% 1994, 46% avg. Other hay 1% poor, 17% fair, 66% good, 16% excellent.

TEXAS: Surface trough slowly moved across west, 21st through 24th brought scattered to numerous showers, thunderstorms. Some upper level disturbances brought rainfall to coastal locations early week. Outside these areas, warm, dry conditions prevailed throughout week. Most districts received below normal rainfall amounts. Only Trans-Pecos, High Plains districts more normal at -0.14 in., +0.29 in. respectively. Below normal departures ranged -0.20 in. Low Rolling Plains district to -0.88 in. Upper Coast district. Many locations west received more than 1.00 in. rainfall. Many locations north, east, central did not receive any rainfall.

Crops: Small grains: Harvest operations good progress during week, winding down in Cross Timbers. Yields in Cross Timbers, Low Plains not turning out as well as expected. Harvest getting underway more fields in High Plains. Corn: Progress reported good across most of State. Crop in Rio Grande Valley, South Texas continues not fare as well as in other areas. Some fields have been declared as disaster. Irrigation has been steady in High Plains. Corn 66% silked, 57% 1994, 57% avg.; 41% dough, 41% 1994, 36% avg. Cotton: Planting, replanting continued during week at rapid pace. The crop continued behind normal in many areas. Spraying operations occurred during week. Armyworms reported in Plains, could very well become a serious problem. Valley dryland crop further declined with additional heat units. Bolls opening in Valley, Coastal Bend, beginning along Upper Coast. Grain sorghum: Fields in High Plains improving during week; however many remained late. Fields beginning to head in Low Plains, Cross Timbers. Some spraying also occurred. Harvest a few more fields occurred in Valley, Coastal Bend. Condition 77% normal compared with 87% 1995; 67% headed, 58% 1994, 49% avg.; 39% turning color, 39% 1994, 27% avg.; 16% mature; 15% 1994; 6% avg.; 3% harvested, 0% 1994; 1% avg. Rice: Most fields along Upper Coast showed good progress. Little disease showing up. Flooding of fields continued. Rice 100% emerged; 100% 1994; 100% avg. Peanuts: Good stands, growth reported most areas during week. Planting winding down south. Statewide condition rated 82% normal compared 86% 1995.; 85% planted, 71% 1994, 63% avg. Soybeans: Planting, irrigating continued in Plains during week. Fields along Upper Coast were showing good growth, pod development. Soybeans 89% planted, 87% 1994, 88% avg. Other Crops: Oats harvested 58%; 64% 1994, 64% avg. Sunflowers 75% planted, 83% 1994, 77% avg.

Commercial Vegetables: Rio Grande Valley: Land preparations for fall crop continued. Some melon, pepper harvest also continued. San Antonio-Winter Garden area: Melon, cabbage harvest continued. Most onion harvest completed. East Texas: Harvest most vegetables continued without delay. Planting operations winding down. Trans-Pecos: Melon, onion harvest continued. High Plains: Onions were making good progress. Potato harvest nearing. Carrots also looked good. Pecans: Nuts continued to size, entering water stage Southern areas. The second generation casebearers has arrived some areas. Webworms causing problems in isolated groves. Rain is needed for filling, prevent heavy nut drop. Peaches: Harvest continued with good sizes reported Hill Country. Brown rot continued to cause problems East orchards.

Range and Livestock: Most ranges, pastures continued provide good grazing; however, a good rain many areas would help going into summer. Many producers into second cutting of hay, good yields reported. Livestock conditions remained good as producers busy working calves, lambs. Market conditions have not improved much for cattle.

UTAH: Temperature maxima 8° below normal; minima averaged 7° below normal. Precipitation light to moderate throughout State.

Days suitable for fieldwork 6.6. Topsoil moisture 17% short, 83% adequate. Subsoil moisture 8% short, 89% adequate, 3% surplus. Irrigation water supply 87% adequate, 13% surplus. Stockwater supply 5% short, 85% adequate, 10% surplus. Spring wheat heading or better 51%, 92% 1994, 75% avg. Barley heading or better 50%, 88% 1994, 77% avg. Oats emerged 95%; heading or better 27%, 42% 1994, 42% avg. Winter wheat heading or better 56%. Corn: emerged 89%; height 7.7 in., 18.5 in. 1994, 16.2 in. avg. Alfalfa hay 1st cutting 75%, 89% 1994, 83% avg. Other hay cutting 20%, 44% 1994, 33% avg. Potatoes planted 99%. Cattle moved to summer range 93%, 92% 1994. Sheep moved to summer range 76%, 77% 1994. Activities: haying, irrigating, thinning fruit, moving sheep, cattle to summer range. Grains, hay, and corn growing well in warm weather.

VIRGINIA: Temperatures slightly below normal. Extremes 46°; 93°. Precipitation was variable.

Days suitable for fieldwork 5.1. Topsoil 1% very short, 16% short, 57% adequate, 26% surplus. Subsoil 2% very short, 14% short, 69% adequate, 15% surplus. Other hay 4% poor, 40% fair, 51% good, 5% excellent. Alfalfa hay condition 1% poor, 13% fair, 67% good, 19% excellent. Apple 7% fair, 86% good, 7% excellent. Peach 3% very poor, 14% poor, 10% fair, 71% good, 2% excellent. Barley harvested 76%, 84% 1994, 75% avg. Wheat harvested 30%, 45% 1994, 52% avg. Oats harvested 35%, 44% 1994, 38% avg. Corn silked 1%, 0% 1994 and avg.; 1% poor, 11% fair, 71% good, 17% excellent. Soybeans 67% planted, 75% 1994, 70% avg. Peanut 5% fair, 81% good, 14% excellent. Cotton 11% fair, 84% good, 5% excellent. Flue tobacco 19% fair, 28% good, 53% excellent. Dark fired tobacco 20% fair, 41% good, 39% excellent. Burley tobacco 95% transplanted, 100% 1994, 91% avg.; 1% poor, 12% fair, 85% good, 2% excellent. Sun tobacco 39% fair, 61% good. Summer potato 33% fair, 49% good, 18% excellent. Scouting tobacco for blue mold, spraying for budworms, harvesting vegetables, fruit tree spraying, topdressing corn, cultivating, laying-by tobacco, irrigating potatoes, vegetables on the Eastern Shore, harvesting hay. Some early potatoes harvested.

WASHINGTON: Temperatures 4 below to 3° above normal west; 5 below to 1° above normal east. Precipitation 0.07 to 0.75 in. west; none to 0.84 in. east. Majority of crops had positive response to rain.

Days suitable for fieldwork 5.8. Topsoil 12% short, 83% adequate, 5% surplus; subsoil 19% short, 67% adequate, 14% surplus. Irrigation water supply 80% adequate, 20% surplus. Winter wheat maturing rapidly with warm weather. Late blight a problem for potato growers. Cherry harvest underway. Cherries also showing rain damage, cullage due to heat. Raspberry, strawberry harvest continued. Timothy hay harvested. Green chopping continued. Fall calves being weaned. Winter wheat, dryland 3% very poor, 4% poor, 27% fair, 51% good, 15% excellent; irrigated, 5% fair, 73% good, 22% excellent. Spring wheat, dryland 5% poor, 37% fair, 45% good, 13% excellent; irrigated, 7% fair, 82% good, 11% excellent. Barley, dryland 3% poor, 36% fair, 44% good, 17% excellent; irrigated, 98% good, 2% excellent. Potatoes, 2% fair, 98% good. Corn, 3% fair, 97% good. Hay, other roughage supplies 3% short, 69% adequate, 28% surplus. Pasture feed, 1% very poor, 8% poor, 24% fair, 52% good, 15% excellent. Winter wheat, 99% headed, 100% 1994, 99% avg. Spring wheat, 69% headed, 91% 1994, 81% avg. Barley, 81% headed, 94% 1994, 84% avg. Corn, 100% planted, 100% 1994, 100% avg. Alfalfa, 1st cutting, 84% harvested, 90% 1994, 86% avg. Alfalfa, 2nd cutting, 13% harvested, 18% 1994, 15% avg. Dry edible beans, 96% planted, 99% 1994, 99% avg.

WEST VIRGINIA: Temperature 72°. Extremes 49°; 94°. Precipitation 0.98 in. Temperatures normal in the southern region to

4° above normal in the central, northeastern regions. Precipitation 0.37 in. below normal in the northwest region to 1.14 in. above normal in the southern region. Greatest weekly total precipitation was 2.65 in. reported at Bluefield. Seasonal precipitation averages ran from 1.11 in. below normal in the northeastern region to 4.40 in. above normal in the southwest region.

Days suitable for fieldwork 4.7. Topsoil 3% short, 85% adequate, 12% surplus. Barley 33% fair, 67% good; 80% ripe, 100% 1994, 87% avg. Wheat 11% fair, 83% good, 6% excellent; 75% headed, 100% 1994, 100% avg.; 17% ripe, 32% 1994, 48% avg. Hay 2% poor, 24% fair, 60% good, 14% excellent; first cutting 51%, 80% 1994, 69% avg. Corn 8% fair, 87% good, 5% excellent; planted 98%, 100% 1994, 98% avg.; 88% emerged, 91% 1994, 93% avg. Oats 5% fair, 95% good; Soybeans 21% fair, 79% good; planted 79%, 87% 1994, emerged 71%, 69% 1994. Tobacco 21% fair, 79% good; 92% transplanted, 98% 1994, 94% avg. Apples 100% good. Peaches 100% good. Cattle 9% fair, 85% good, 6% excellent. Sheep 3% fair, 92% good, 5% excellent. Activities: Planting, cutting hay.

WISCONSIN: Temperature 78°, 12° above normal. Extremes 50°; 101°. Precipitation none to 0.10 in.

Days suitable for fieldwork 7. Soil moisture 70% short, 30% adequate. General condition of crops 2% poor, 23% fair, 64% good, 11% excellent. Oats 5% poor, 29% fair, 56% good, 10% excellent; headed 29%, 68% 1994, 41% avg. Corn height 16 in., 30 in. 1994, 19 in. avg. Winter wheat 1% poor, 12% fair, 64% good, 23% excellent. Soybeans planted 98%, 100% 1994, 96% avg. First cutting hay 88% harvested, 84% 1994, 68% avg. Crops are still looking good despite the hot, dry weather seen throughout State. Rain during the next week will keep the crops going. Corn growth exploded the past week. Corn leaves were reported curling during the day due to the heat. Corn on sandy soils was showing heat stress. First cutting of alfalfa provided good to excellent quality, quantity with a large portion going into bales, especially in the northern part of the State. Second cutting could be short due to the dry conditions. Emerged soybeans look good. Late planted soybeans germinated unevenly. Oats headed out rapidly due to the excessive heat. Some concern was expressed that heat could impact winter wheat yields. Tobacco was being planted, new plants seem to be holding up well in the heat. Cranberries have a good bloom coming, some cooler weather would be beneficial to the pollination. Strawberries were doing good, cooler weather would lengthen the season.

WYOMING: Temperatures 1 to 3° above normal in the northeast, few scattered areas. Rest of the State 1 to 8° below normal. Extremes: 29° Jackson; 92° Torrington. Precipitation 0.10 to 1.10 in. above normal in southeastern part of State, 0.10 to 0.40 in. below normal across rest of State. East central had the greatest amount with about 1.50 in.

Days suitable for fieldwork 6.2. Topsoil 95% adequate or better. Winter wheat 81% headed, 98% 1994, 80% avg.; 0% turning color, 45% 1994, 16% avg. Spring wheat 22% boot, 99% 1994, 67% avg.; 4% headed, 65% 1994, 34% avg. Oats 29% boot, 70% 1994, 57% avg.; 4% headed, 37% 1994, 23% avg. Barley 64% boot, 89% 1994, 75% avg.; 38% headed, 65% 1994, 52% avg. Sugar beets 71% thinned, 94% 1994, 83% avg. Dry beans 91% planted, 100% 1994, 100% avg.; 66% emerged, 99% 1994, 79% avg. Alfalfa 14% 1st cutting, 48% 1994, 33% avg. Other hay 2% acreage harvested, 25% 1994, 11% avg. Irrigation water supplies 68% adequate, 32% surplus. Winter wheat 3% fair, 73% good, 24% excellent. Barley 6% fair, 80% good, 14% excellent. Corn 53% fair, 47% good. Oats 24% fair, 72% good, 4% excellent. Spring wheat 25% fair, 75% good. Sugar beets 3% fair, 75% good, 22% excellent. Dry bean condition 100% good. Livestock were moved to summer pastures; cattle, calves 87%, sheep, lambs 74%. Stockwater supplies are 100% adequate or surplus.

International Weather and Crop Summary

June 18 - 24, 1995

HIGHLIGHTS

FSU-WESTERN: A cold front brought rain and much cooler weather to drought-stressed crops in Russia.

FSU-NEW LANDS: Hot, dry weather stressed vegetative spring grains in Kazakhstan.

EUROPE: Beneficial showers aided corn growth in France, but wetness persisted in Bulgaria.

CANADA: Locally heavy showers improved moisture reserves across the southeastern Prairies, bringing some relief to Manitoba's heat-stressed spring wheat.

SOUTH ASIA: Showers improved planting prospects in major grain, oilseed, and cotton areas.

AUSTRALIA: Showers benefited emerging winter wheat in Western Australia, as cool, dry weather slowed early development in the east.

EASTERN ASIA: Rain benefited reproductive spring wheat and vegetative summer crops across Manchuria, but slowed early double-crop rice harvesting and caused some flooding along the Yangtze Valley.

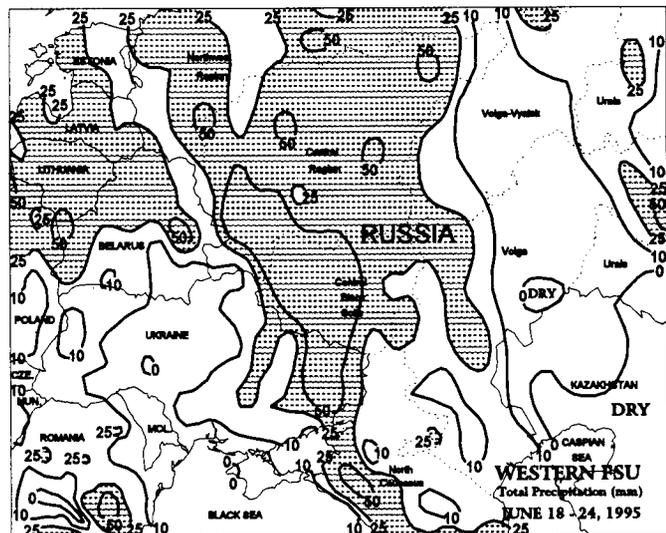
SOUTHEAST ASIA: Rain diminished over Thailand, with warm weather increasing crop water demand for corn, rice, and sugarcane.

SOUTH AMERICA: Dryness stressed germinating winter wheat across the southern wheat areas of Argentina.

MEXICO: Widespread showers covered most of the central corn belt, favoring germinating corn.

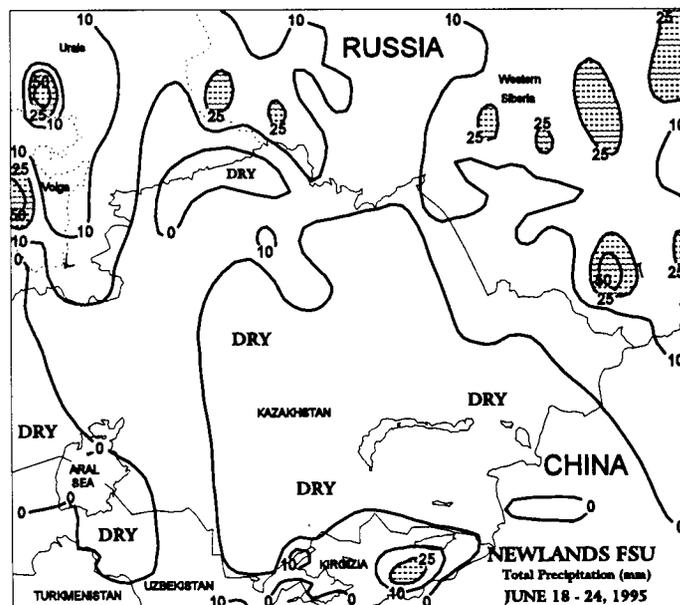
FSU-WESTERN

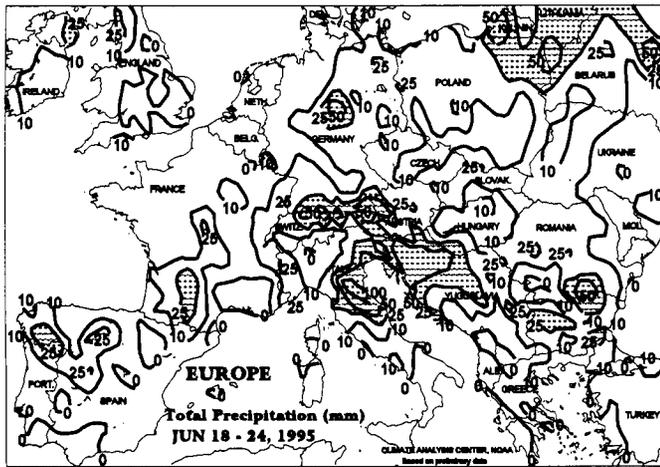
A slow-moving cold front edged eastward during the week, bringing light to moderate rain and much cooler weather to drought-stressed crops in Russia and eastern Ukraine. Greatest amounts of rain (25-50 mm, with local amounts in excess of 50 mm) fell over westernmost crop areas in Russia (Northwest Region, Central Region, and Black Soils Region) and eastern Ukraine. Lesser amounts of rain (9-25 mm) fell over remaining areas in Russia (Volga Vyatsk, Volga Valley, and most of North Caucasus). Early in the week, maximum temperatures ranged from 25-35 degrees Celsius (C), but fell to 15-25 degrees C after the passage of the cold front. Although rain and cooler weather came too late to improve prospects for maturing winter grains, conditions stabilized for spring grains and summer crops (corn, sunflowers, and sugarbeets). Elsewhere, light to moderate showers (10-50 mm) benefited crops in the Baltics and Belarus. A drying trend developed in Moldova and the southwestern Ukraine, where precipitation has been below-normal since mid May.



FSU-NEW LANDS

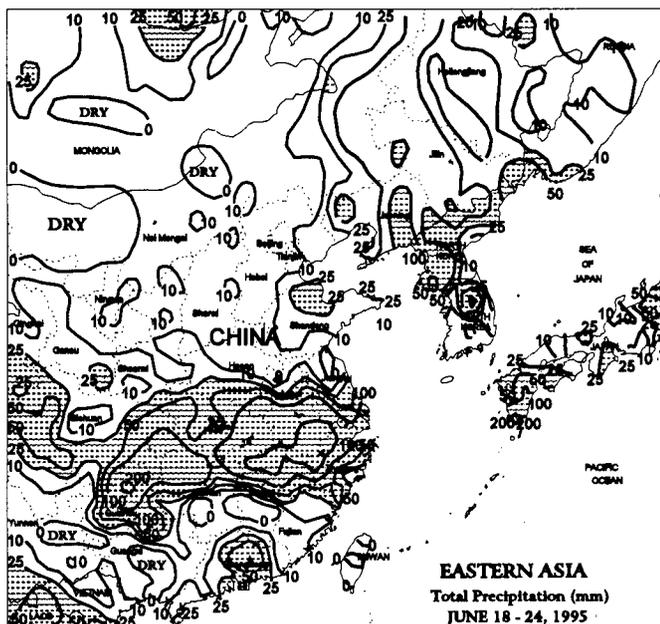
Hot, dry weather spread northward into the Urals, Russia, and Kazakhstan, increasing stress on spring grains in the vegetative stage. Maximum temperatures climbed into the mid to upper 30's C. The hot weather, that persisted throughout most of the week, caused rapid drying, depleting moisture reserves. Soil moisture is lacking throughout these areas. Rain and cooler weather is needed to alleviate worsening crop conditions. Farther north, light showers accompanied near- to below-normal temperatures over Western Siberia, Russia, maintaining favorable conditions for spring grain development.





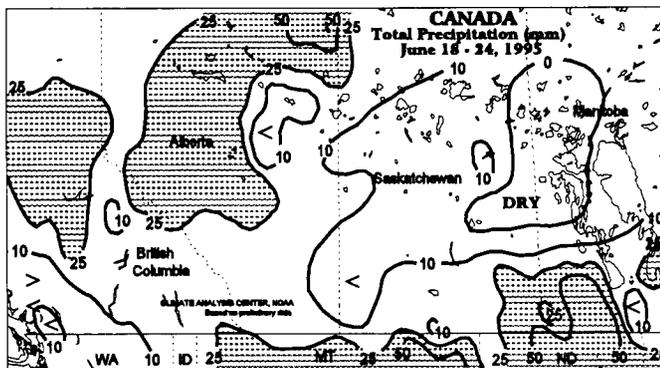
EUROPE

Beneficial showers (10-48 mm) fell in southwestern France and northwestern Spain, aiding corn growth. Welcomed drier weather prevailed over Italy's Po Valley, but locally heavy showers (50-100 mm) lingered along the northern Adriatic Sea. Dry weather in southern England continued to limit topsoil moisture for spring-sown crops. Drier weather and seasonable temperatures in northern France, the Benelux countries, and northwestern Germany helped maturing winter crops. Widespread showers (10-25 mm) over eastern Europe maintained adequate to abundant moisture for crop development. However, rainfall continued light (less than 10 mm) over southeastern Poland. Wet weather (25-50 mm) persisted over northern Bulgaria, hampering winter grain harvesting. Weekly temperatures averaged about 2 degrees C above normal in southwestern France and the Iberian Peninsula, promoting crop growth, while unseasonably cool weather (2 degrees C below normal) slowed crop development in the northeast.



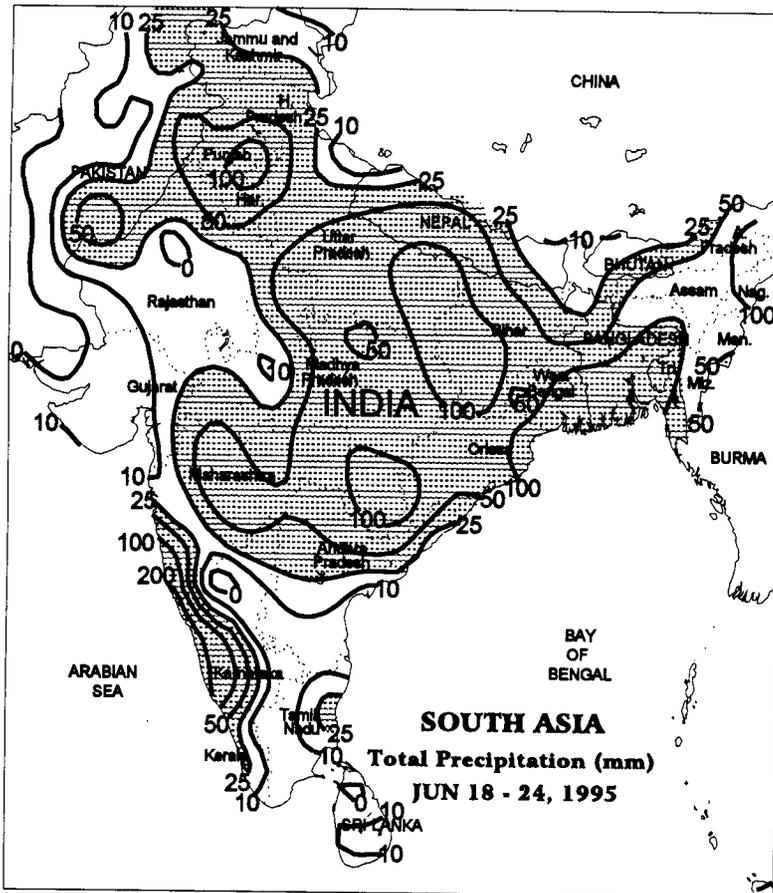
EASTERN ASIA

Mostly dry weather (less than 10 mm) still prevailed across the western North China Plain (northern Henan and Shanxi), stressing rainfed vegetative summer crops. This region should be receiving about 20 mm of rain a week by late June. Southern Henan, along with central Anhui and central Jiangsu, received heavy rain (30-100 mm), delaying late winter wheat harvesting. Light to moderate rain (15-30 mm) fell across central Shandong and southeastern Hebei, favoring vegetative summer crops. In Manchuria, widespread rain (20-60 mm) aided reproductive spring wheat and vegetative corn and soybeans. A wide area of showers (25-125 mm) extended along the Yangtze Valley from Sichuan eastward into Zhejiang, keeping rice irrigation supplies adequate. A band of heavier showers (greater than 200 mm) in northern Jiangxi and southern Anhui, however, slowed early double-crop rice harvesting, causing flooding and possible crop damage. Scattered light rain (5-30 mm) prevailed across southern China, favoring early rice harvesting. Temperatures averaged 1-3 degrees C above normal across southern China, with near-normal temperatures elsewhere across the country. North Korea and northern South Korea received moderate to heavy rains (25-75 mm), while the remainder of South Korea reported rainfall less than 15 mm. Light to moderate rain (5-40 mm) fell across most of Japan, with heavy showers (100-250 mm) reported in extreme southern Kyushu Island.



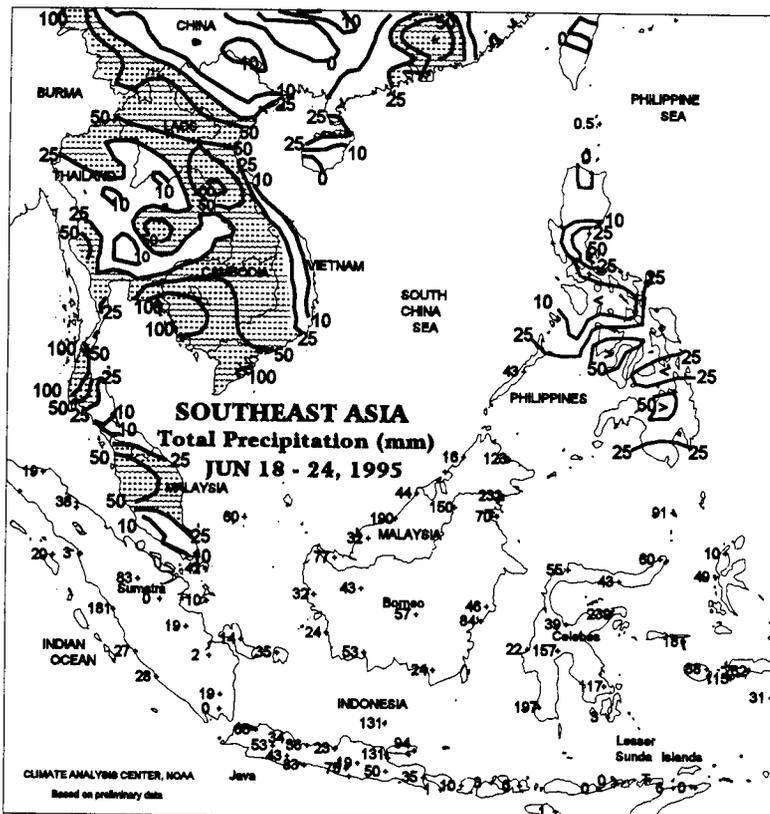
CANADA

Moderate to heavy rain (15-50 mm or more) covered the southeastern Prairies, increasing topsoil moisture following a 3-week dry spell. The rain and subsequent lower temperatures were especially welcomed in Manitoba, ending a week-long heat wave that stressed emerging spring wheat. Dry pockets persisted south of Winnipeg. Elsewhere, moderate rain (10-29 mm) covered Alberta's central and northern crop areas (including the Peace River Valley) and Saskatchewan's far northern crop areas. Temperatures averaged near to slightly below normal in the western half of the Prairies. In Manitoba and eastern Saskatchewan, temperatures averaged 2-5 degrees C above normal but had cooled at week's end. In Ontario, warm, dry weather reduced moisture for vegetative corn and soybeans, with unseasonable early-week heat (highs in the mid-30'sC) adding to the stress. Drier-than-normal conditions have persisted for 3 weeks in Canada's eastern crop areas.



SOUTH ASIA

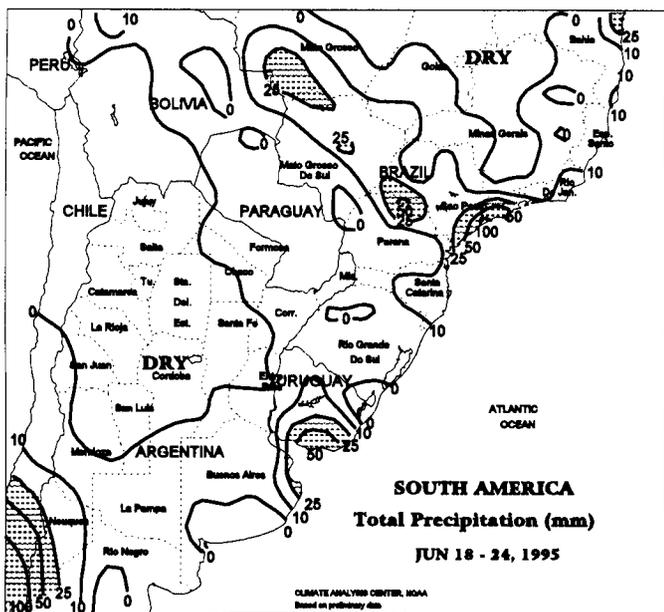
Beneficial showers (25-66 mm) spanned important rainfed rice, coarse grain, and soybean areas of central India. The rain, which came 1-2 weeks later than usual, will spur planting. However, showers failed to reach Gujarat, an important groundnut, cotton, and millet producer, causing further planting delays. In contrast, moderate to heavy showers (25-50 mm or more, locally more than 100 mm) came earlier than expected to north-central India (Punjab to western Uttar Pradesh) and adjacent sections of Pakistan. In the east (Bihar to Assam), widespread heavy rain (50-184 mm) maintained ample irrigation reserves for rice but caused additional flooding. Rainfall totaled less than 25 mm over India's southern interior, where a drying trend has reduced moisture for establishing grains, oilseeds, and cotton. Temperatures across the region averaged near to below normal, except in the dry sections of west-central India that were 1-2 degrees C above normal. The hottest weather occurred in the northwest, with highs reaching the mid 40's C.



SOUTHEAST ASIA

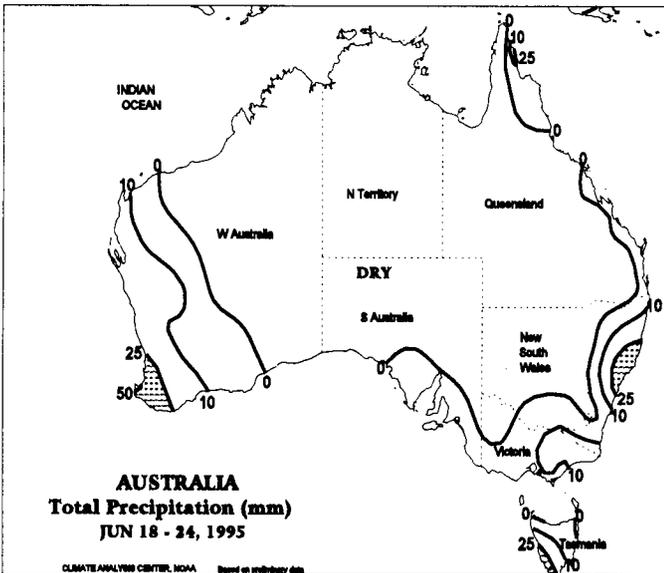
Rainfall (8-50 mm) diminished across most of Thailand from last week and temperatures 1-2 degrees C above normal increased crop water demand for corn, rice, and sugarcane. The Northern Hills region of Thailand received beneficial showers (15-40 mm), while mostly dry weather continued across Vietnam's central coast. The oil palm areas of Western Malaysia continued to receive moderate rain (16-50 mm). Widespread rain (20-75 mm, with isolated amounts greater than 125 mm) fell across Java, aiding transplanted secondary rice. In the Philippines, unfavorable dryness (less than 10 mm) persisted across the Cagayan Valley in Luzon, while scattered showers benefited rice, corn, and sugarcane in the central Islands. So for this season, rainfall has been below normal across the Philippines, primarily due to a lack of tropical storm activity.

CLIMATE ANALYSIS CENTER, NOAA
Based on preliminary data



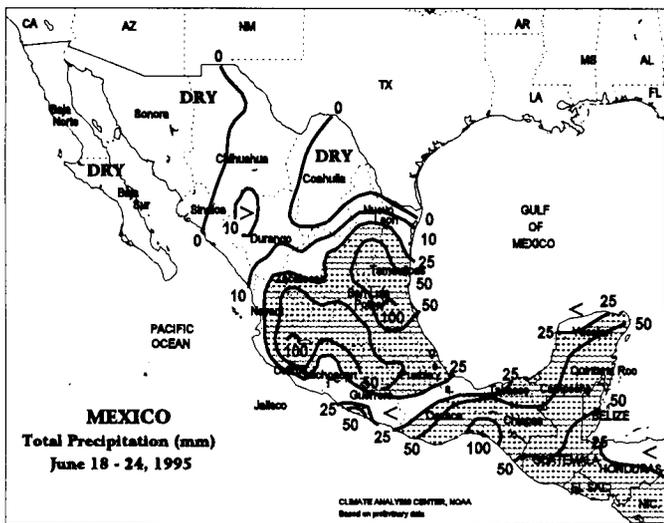
SOUTH AMERICA

In central Argentina, dry weather stressed emerging winter wheat in southern Buenos Aires. While the other wheat areas received adequate rainfall in May, they are also becoming dry. In southern Brazil, a frontal system brought light to moderate rain (10-30 mm) across northern Parana and southern Mato Grosso do Sul, favoring vegetative winter wheat. Temperatures averaged 1-2 degrees C above normal across central Argentina and near normal across southern Brazil.



AUSTRALIA

Light showers (5-25 mm) and seasonable temperatures maintained favorable conditions for Western Australia's emerging winter wheat. In the east, cool, mostly dry weather (temperatures averaging 1-2 degrees C below normal) slowed germination and early vegetative growth. Pockets of frost and freezing temperatures were common throughout the eastern wheat belt, with possibly some local burn-back. In Queensland, moisture was still short for proper wheat germination and establishment. However, seasonable dryness along the northeast coast favored sugarcane harvesting. In New Zealand, moderate rain (20-40 mm or more) continued over central North Island. Lighter rain (12-20 mm) fell over northern sections of South Island.



MEXICO

Widespread showers (20-75 mm, with several amounts greater than 100 mm) covered the southern Plateau corn belt, increasing soil moisture for germinating corn. This was the first significant rainfall of the season across the region. Very beneficial rain (50-130 mm) fell across portions of the northeast (central Tamaulipas southward into northern Veracruz), aiding citrus and sugarcane and boosting irrigation supplies. However, northern Tamaulipas, Nuevo Leon, and Coahuila still reported mostly dry weather (less than 5 mm of rain) as the drought continued. Light rain (4-15 mm) brought some drought relief to portions of north-central Mexico (Chihuahua and Durango), but more rain is needed. Widespread rain (15-50 mm) covered the Yucatan Peninsula, boosting soil moisture for corn planting. Temperatures averaged 1-2 degrees C above normal across the main corn belt and the Yucatan Peninsula and near normal across the north.

Drought in Northern Mexico

Drought has persisted over northern and northeastern Mexico this spring, primarily affecting the states of Chihuahua, Coahuila, Durango, Nuevo León, and Tamaulipas. Typically for most of northern Mexico, the rainy season starts in May or June and extends into September. However, so far this year, rainfall has been very much below normal across the region (figs. 1-3). In addition to the below-normal rainfall, winter and spring temperatures have been above normal (fig. 4), further reducing moisture supplies. Rainfall was also below normal during the 1994 wet season, further compounding the situation.

The three stations that represent the three different climatic regions of northern Mexico are Chihuahua, Chihuahua (desert), Monclova, Coahuila (steppe), and Ciudad Victoria, Tamaulipas (subtropical). The majority of northern and northeastern Mexico is a steppe climate, with the extreme north being desert and the northeastern portion being

subtropical. From January 1 to June 25, Chihuahua expects about 75 millimeters (3 inches) of rain; Monclova, 125 millimeters (5 inches); and Ciudad Victoria, 350 millimeters (14 inches).

The primary agriculture of northern Mexico is pasture for cattle, especially in Chihuahua, Coahuila, and Durango. The drought has severely cut pasture growth and drinking supplies, which has reduced livestock herds. Cotton and corn planting across the north has been delayed, but if normal summer rainfall arrives, prospects will improve. Northern Mexico, however, is not a major corn producer. In the subtropical northeast (Tamaulipas and Nuevo León), the primary crops are winter sorghum and oranges. The drought has reduced irrigation supplies for both, and without substantial rain this summer, supplies will be reduced for next year's crop as well.

--Bob Stefanski; graphics by Jeff Linhardt

Figure 1

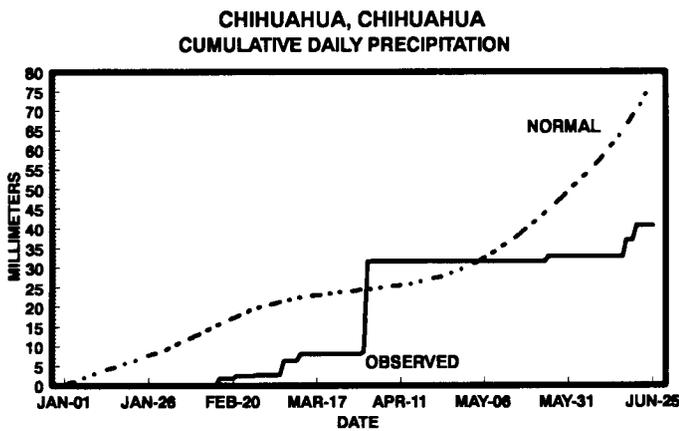


Figure 3

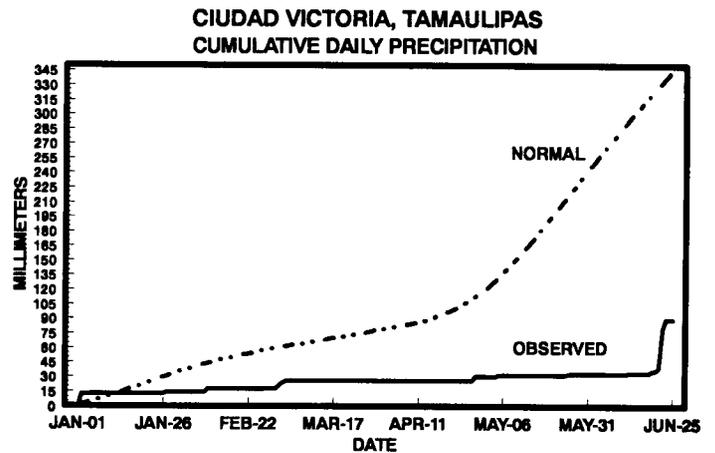


Figure 2

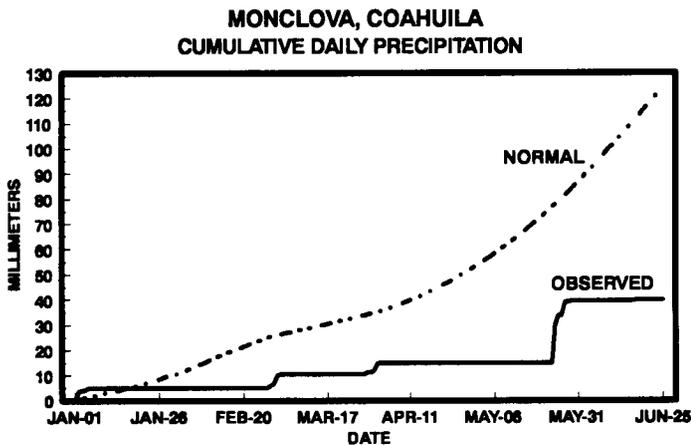
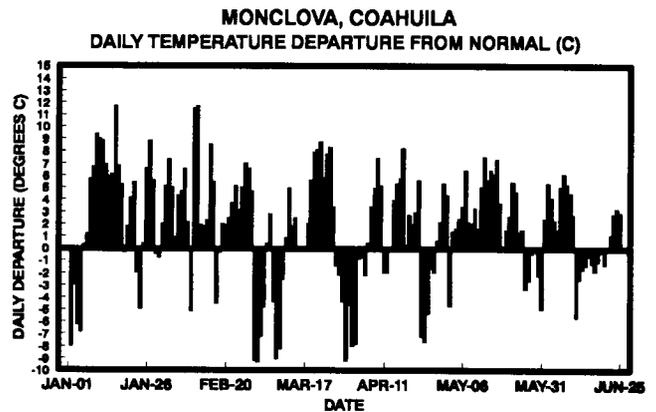


Figure 4



The Weekly Weather and Crop Bulletin is published weekly and jointly prepared by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) and the U.S. Department of Agriculture (USDA). Publication began in 1872 as the Weekly Weather Chronicle. It is issued under general authority of the Act of January 12, 1895 (44- USC 213), 53rd Congress, 3rd Session. NOAA is responsible for managing, printing, and distributing the bulletin. The contents may be reprinted freely, with proper credit.

Annual subscriptions: domestic first class \$45, foreign \$55 (in U.S. funds by international money order or check drawn on U.S. bank) payable to U.S. Department of Commerce, NOAA. POSTMASTER: Send address changes to **Weekly Weather and Crop Bulletin**, NOAA/USDA, Joint Agricultural Weather Facility, USDA South Building, Room 5844, Washington, DC 20250. Order subscriptions from the office and address listed above. First class postage paid at Washington, DC, and additional mailing offices.

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Weather Service/Climate Analysis Center
Managing Editor **Douglas Le Comte** (202) 720-7919
Editor **Brad Rippey** (202) 720-1444
Meteorologists: **David Secora, Jeff Savadel, Brian Morris, Jeff Linhardt**

Subscriptions **Joyce Houston** (202) 720-7917
fax (202) 720-1455

U.S. DEPARTMENT OF AGRICULTURE
Economic Research Service
E.R.S. Editor **Sharon Lee**
National Agricultural Statistics Service
Agricultural Statistician . . **Greg Preston** (202) 720-7621
State Summaries Editor . . . **Klara Haskins** (202) 720-8033
World Agricultural Outlook Board
Agricultural Weather Analysts: **Ray Motha** (202) 720-9807
Tom Puterbaugh, Mark Brusberg, Bob Stefanski

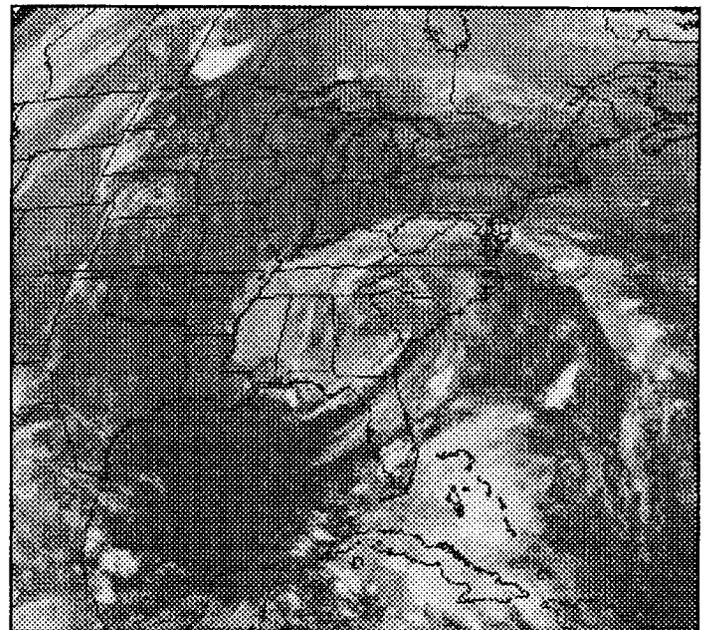
(Continued from front cover)

to **New England**. Numerous consecutive-day records were established in **International Falls, MN**, including a second day of all-time record heat on Sunday (99°F); a sixth day of 90-degree heat on Wednesday (formerly August 11-14, 1991); and a seventh daily-record high (formerly December 23-27, 1994), also on June 21. **Marquette, MI** notched eight consecutive daily records (June 16-23), including their second-highest June temperature (96°F on Sunday). June-record highs were broken on Monday in **Alpena, MI** (103°F; formerly 100°F, set June 27, 1933), **Burlington, VT** (100°F; 1°F shy of their all-time record, set August 11, 1944), and **Muskegon, MI** (98°F).

In contrast, cool, showery weather covered the **Northwest**. Daily-rainfall records were established in **Portland, OR** (0.54 inches on June 18) and **Kalispell, MT** (0.84 inches on June 19). In **Spokane, WA**, the high of 52°F on Monday was their lowest on record for June 19. Farther south, daily record lows in **Arizona** on Sunday included 24°F in **Flagstaff** and 39°F in **Winslow**. Cool air also briefly intruded upon **New England**, where on Wednesday, **Caribou** (38°F) reported a daily-record low, sandwiched between daily-record highs on Monday (91°F) and Saturday (93°F). At week's end, heat arrived in the **West**, where temperatures rose to 92°F in **Yakima, WA**, 106°F in **Redding, CA**, and 116°F in **Thermal, CA**.

Rainfall increased over the **Southeast** during the week and, in combination with high humidity and lower-than-normal temperatures, hampered planting and crop development. Heavy rain developed in **southern Florida** on June 20, persisting through week's end. Maximum 24-hour (8 a.m. to 8 a.m. EDT) totals included 5.65 inches in **Key West** on June 20-21, 5.00 inches in **Tampa** on June 24-25, and 4.88 inches in **Miami** on June 20-21. Localized downpours of up

to 4 to 6 inches struck the **Middle Atlantic States** on June 21-23; causing flash flooding. Farther west, widespread rains fell across the **northern Plains** on June 21-23. On the **central Plains**, rain on June 22-24 slowed the winter wheat harvest. Scattered showers dampened the **Corn Belt** after midweek, recharging topsoil moisture. Weekly rainfalls in excess of 2 inches were reported in locations such as **Glasgow, MT, Wichita, KS, Tulsa, OK, and Indianapolis, IN**.



June 20, 1995, 11:00 UTC

**WEEKLY NEWS BULLETIN
FIRST CLASS**

NOAA/USDA Joint Agricultural
Weather Facility
USDA South Building, Room 5844
Washington, DC 20250

FIRST CLASS MAIL
POSTAGE & FEES PAID
NOAA
PERMIT NO. G-19

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300