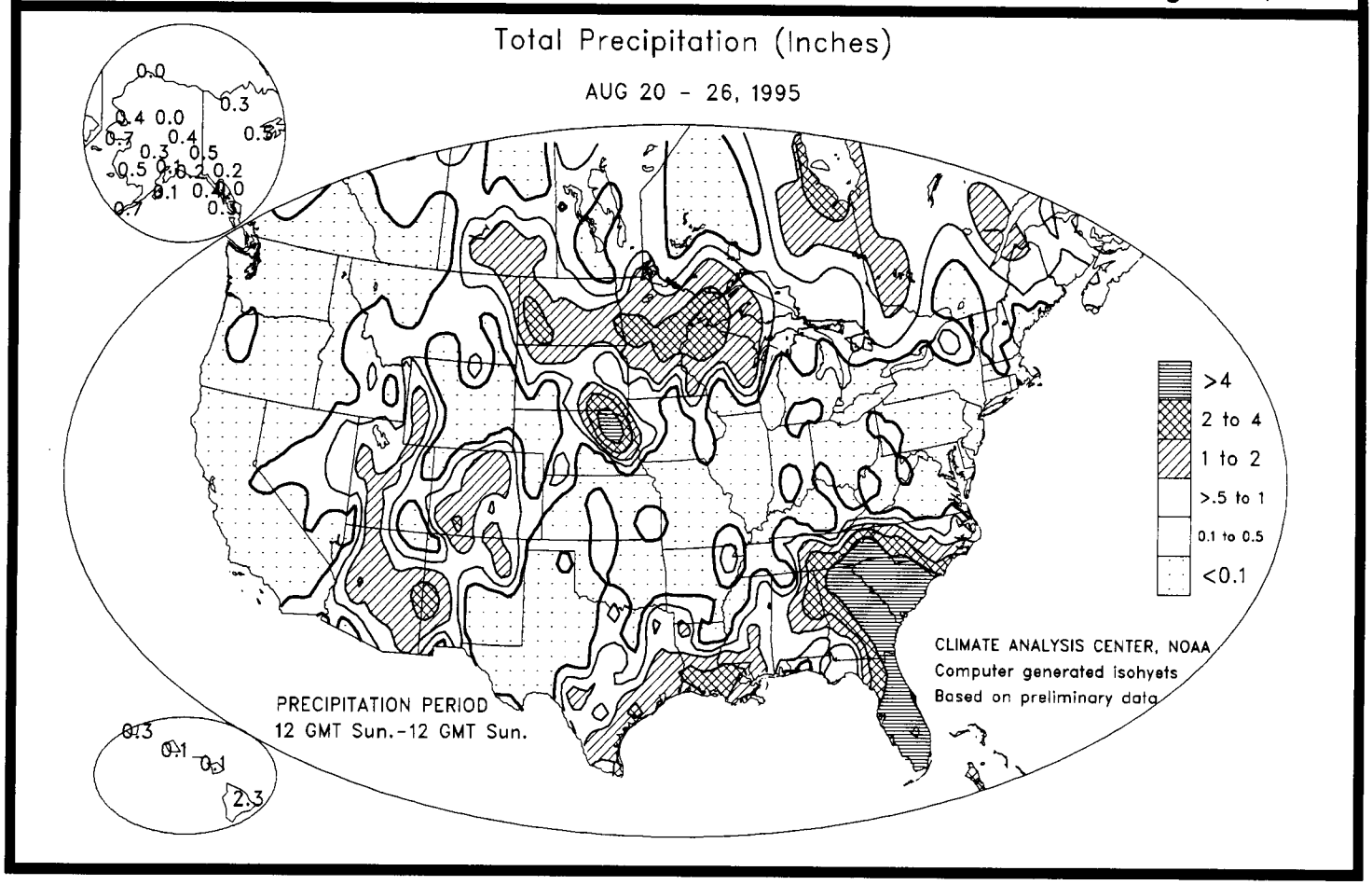
WEEKLY WEATHER AND CROP BULLETIN

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. 35 | Washington, D.C. | August 29, 1995



HIGHLIGHTS

August 20 - 26, 1995

On Wednesday, Tropical Storm Jerry moved ashore near **West Palm Beach**, becoming the third named tropical system to make landfall in **Florida** this year. After briefly entering the northeastern **Gulf of Mexico**, Jerry drifted northward as a tropical depression into **Georgia**, then veered eastward across **South Carolina**, spreading torrential rain along its path. Farther west, a rich monsoonal flow around the west side of a broad upper-level ridge kept thunderstorms active across the **Four Corners region**. Hot, dry weather prevailed underneath the ridge, with departures to +11°F in **western Nebraska**, and above +5°F as far east as the **central Corn Belt** and as far south as the **central Gulf Coast**. Along the ridge's northern flank, several disturbances dropped rain on the **North-Central States**.

(Continued to p. 12)

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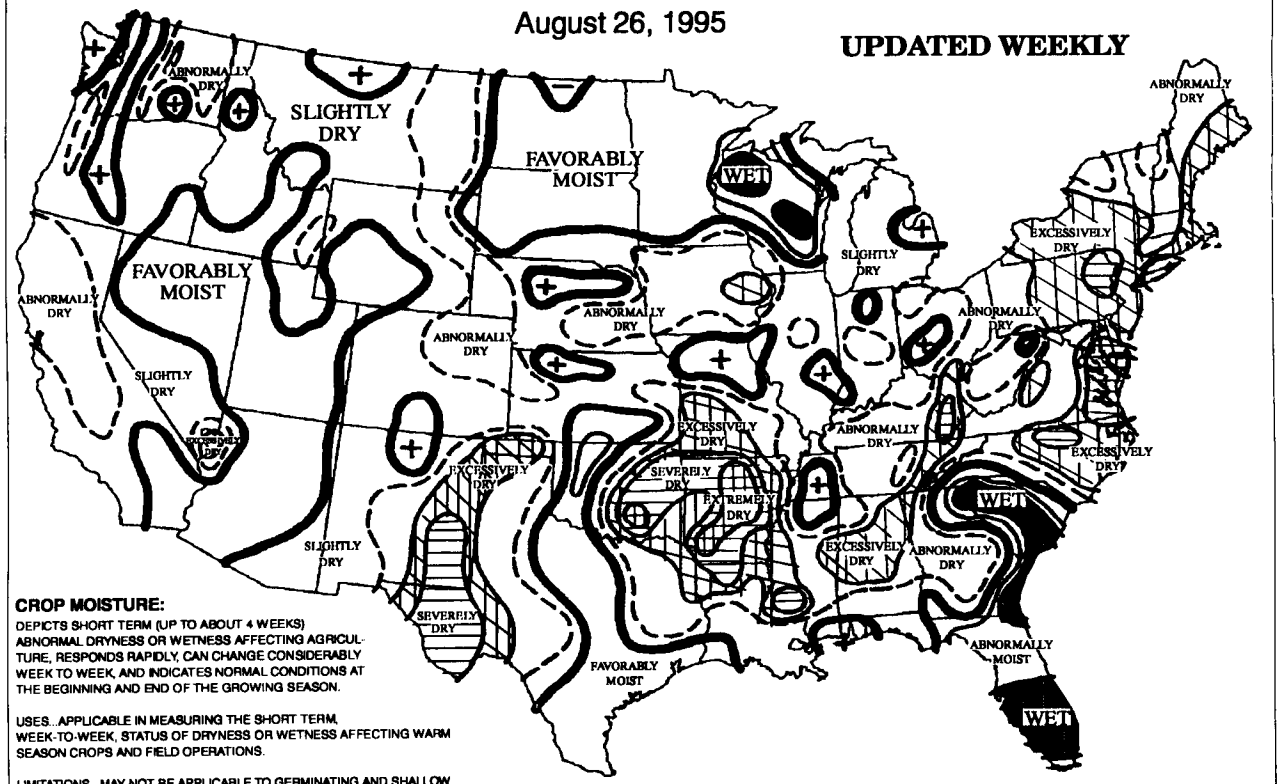
CROP MOISTURE
(SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE)

August 26, 1995

UPDATED WEEKLY



CROP MOISTURE:

DEPICTS SHORT TERM (UP TO ABOUT 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK, AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.

USES...APPLICABLE IN MEASURING THE SHORT TERM, WEEK-TO-WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS.

LIMITATIONS...MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A 5-FOOT PROFILE, OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55 F. IT IS NOT GENERALLY INDICATIVE OF THE LONG TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.

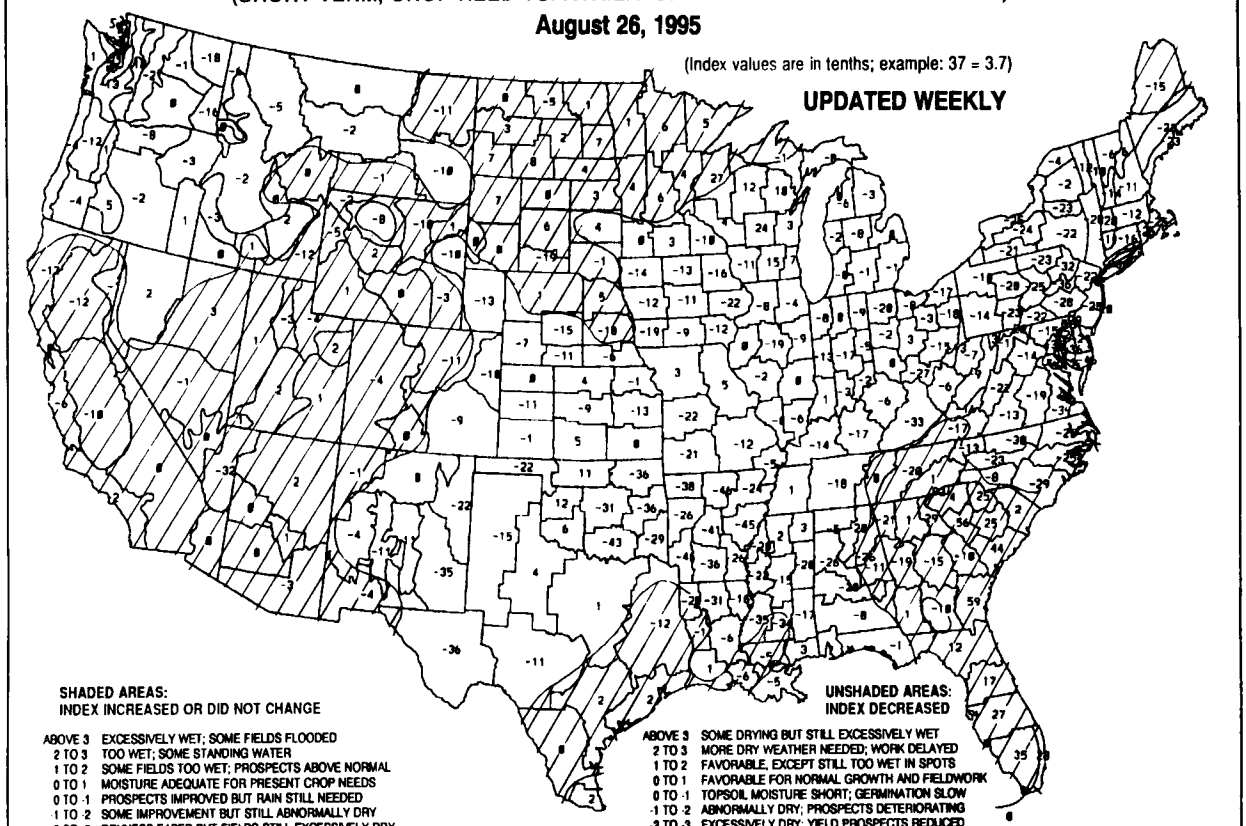
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY Based on preliminary reports

CROP MOISTURE INDEX
(SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE)

August 26, 1995

(Index values are in tenths; example: 37 = 3.7)

UPDATED WEEKLY



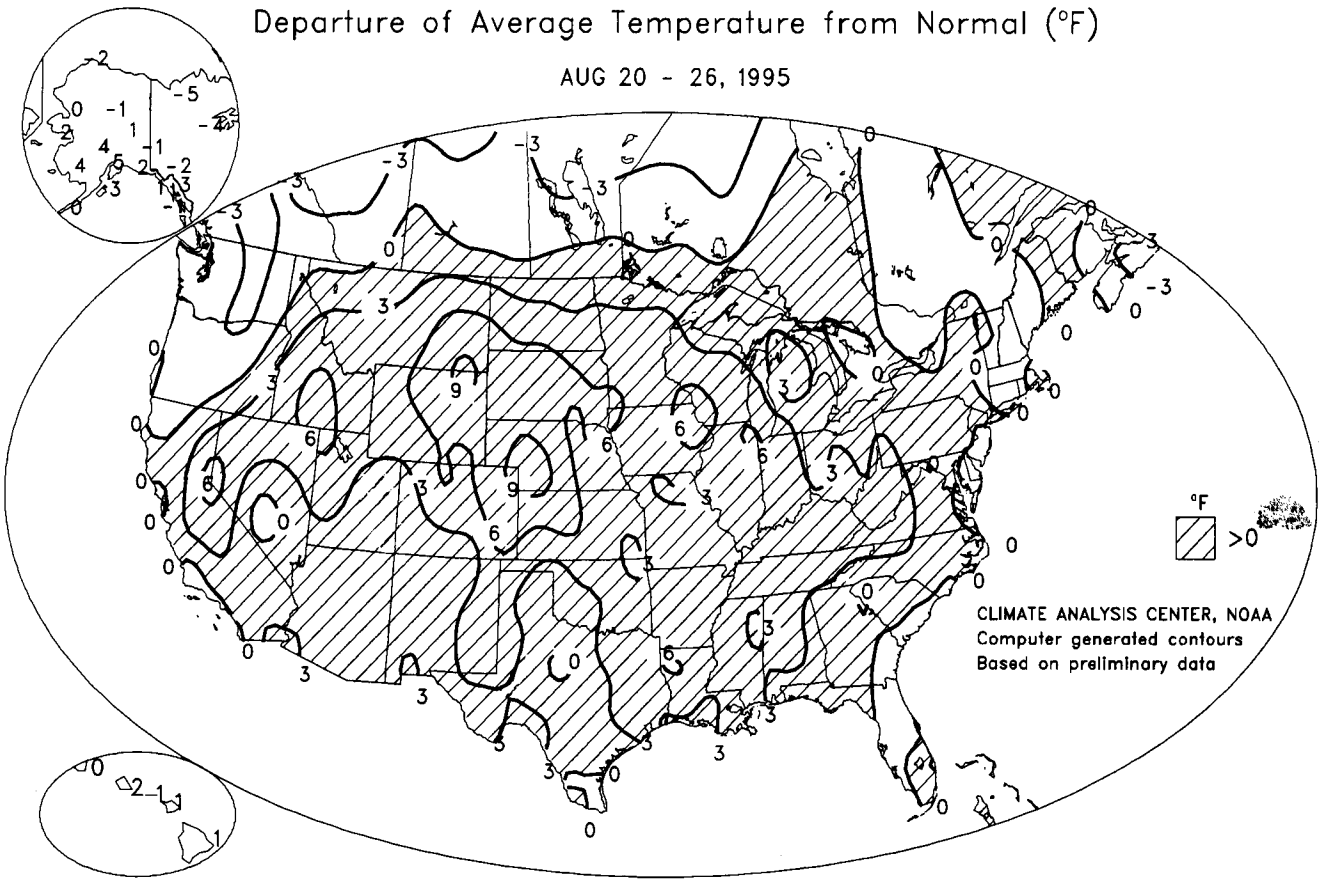
SHADED AREAS:
INDEX INCREASED OR DID NOT CHANGE

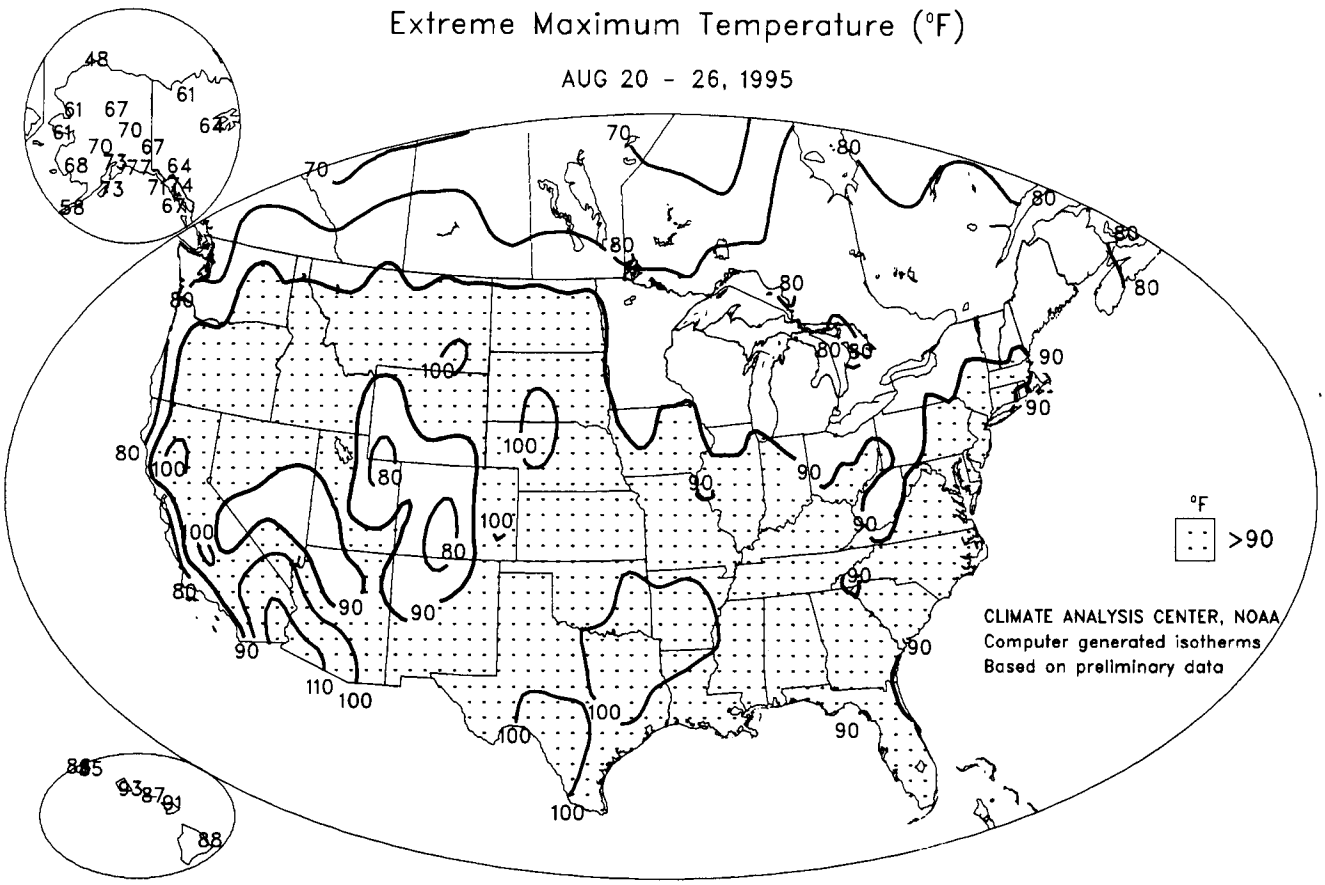
ABOVE 3	EXCESSIVELY WET; SOME FIELDS FLOODED
2 TO 3	TOO WET; SOME STANDING WATER
1 TO 2	SOME FIELDS TOO WET; PROSPECTS ABOVE NORMAL
0 TO 1	MOISTURE ADEQUATE FOR PRESENT CROP NEEDS
0 TO -1	PROSPECTS IMPROVED BUT RAIN STILL NEEDED
-1 TO -2	SOME IMPROVEMENT BUT STILL ABNORMALLY DRY
-2 TO -3	DRYNESS EASED BUT FIELDS STILL EXCESSIVELY DRY
-3 TO -4	SEVERE DRYNESS CONTINUES; MORE RAIN URGENTLY NEEDED
BELOW -4	NOT ENOUGH RAIN; STILL EXTREMELY DRY

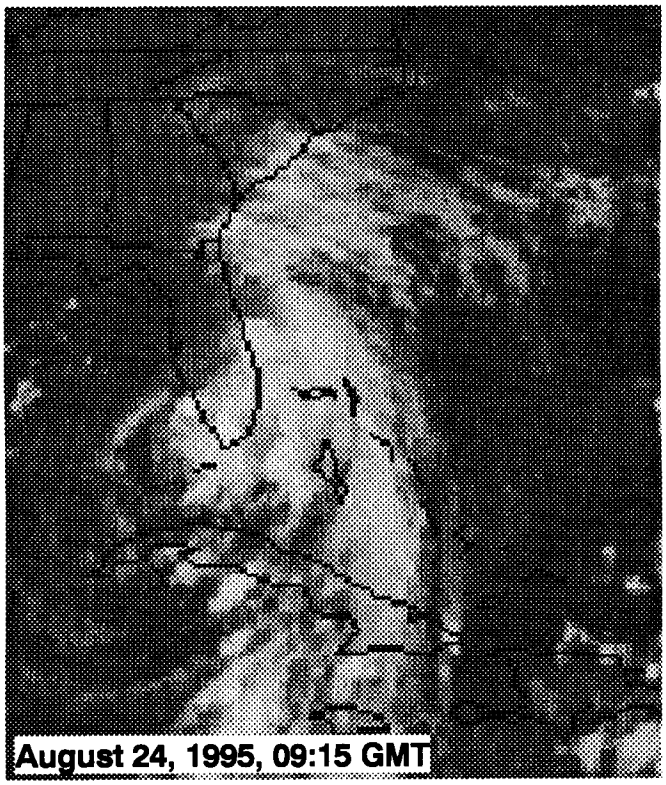
UNSHADED AREAS:
INDEX DECREASED

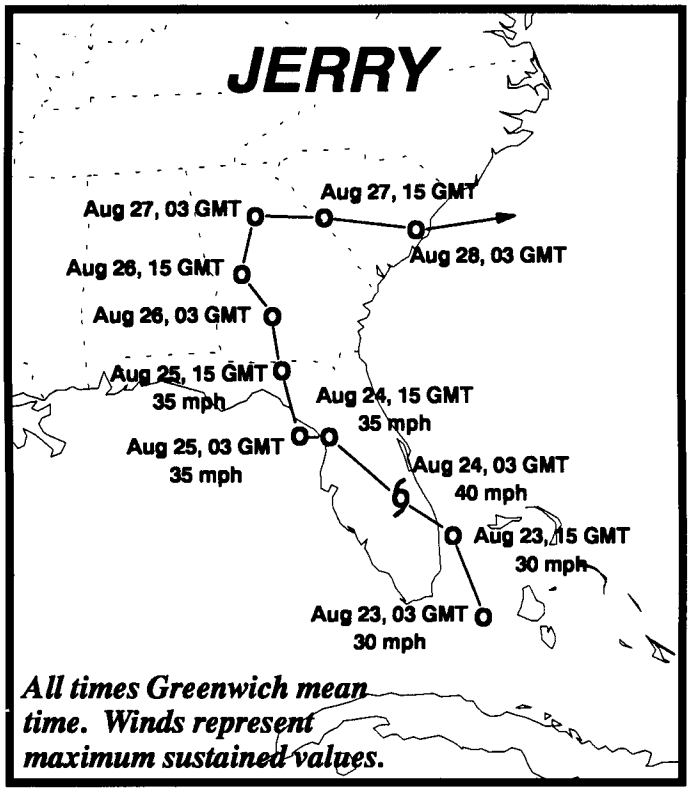
ABOVE 3	SOME DRYING BUT STILL EXCESSIVELY WET
2 TO 3	MORE DRY WEATHER NEEDED; WORK DELAYED
1 TO 2	FAVORABLE, EXCEPT STILL TOO WET IN SPOTS
0 TO 1	FAVORABLE FOR NORMAL GROWTH AND FIELDWORK
0 TO -1	TOPSOIL MOISTURE SHORT; GERMINATION SLOW
-1 TO -2	ABNORMALLY DRY; PROSPECTS DETERIORATING
-2 TO -3	EXCESSIVELY DRY; YIELD PROSPECTS REDUCED
-3 TO -4	POTENTIAL YIELDS SEVERELY CUT BY DRYNESS
BELOW -4	EXTREMELY DRY; MOST CROPS RUINED

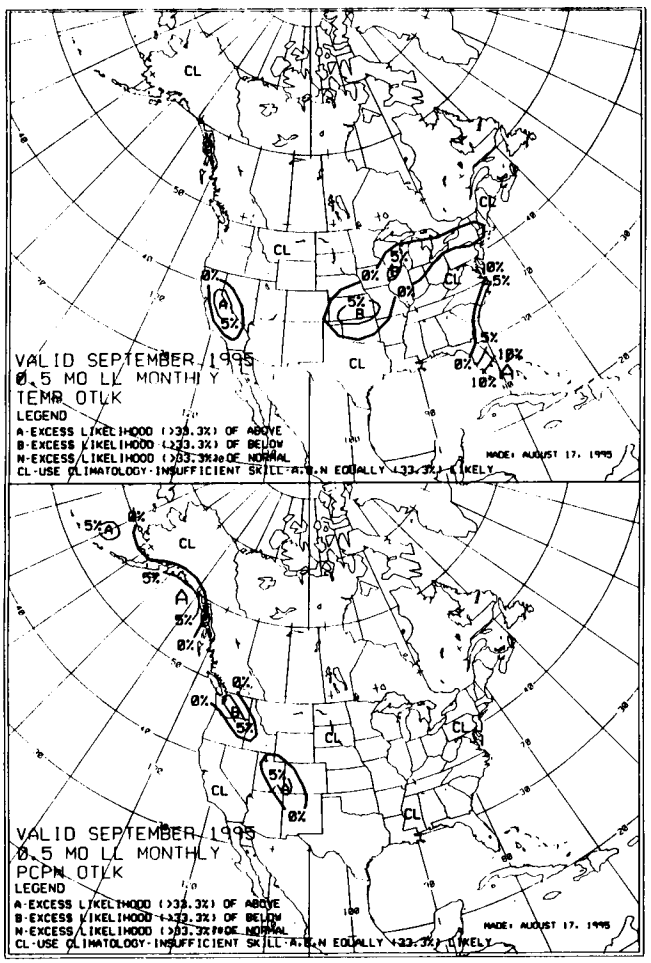
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY Based on preliminary reports

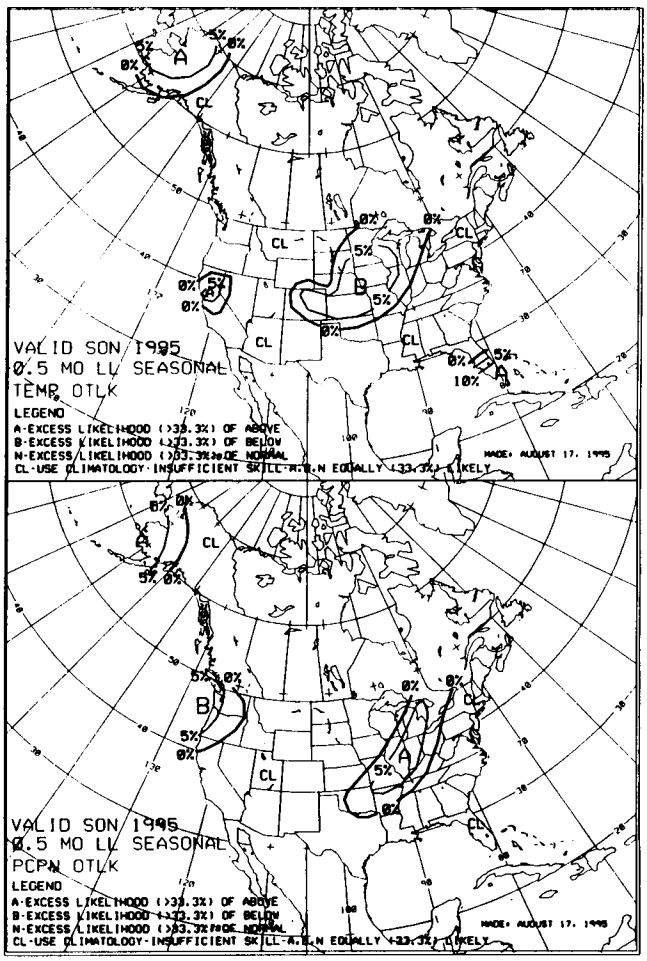

Departure of Average Temperature from Normal (°F)
AUG 20 - 26, 1995
°F
>0
CLIMATE ANALYSIS CENTER, NOAA
Computer generated contours
Based on preliminary data


Extreme Maximum Temperature (°F)
AUG 20 - 26, 1995
°F
>90
CLIMATE ANALYSIS CENTER, NOAA
Computer generated isotherms
Based on preliminary data









A complete set of long-lead products, extending out to September-October-November 1996, is available via the Internet:
http://nic.fb4.noaa.gov/products/predictions/index.html

National Weather Data for Selected Cities

Weather Data for the Week Ending August 26, 1995

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMP. °F		PRECIP.	
	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 Jan 1	PCT. NORMAL SINCE Jan 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	93	73	96	73	83	5	.5	-.2	.4	5.7	47	24.1	64	94	53	6	0	3	0
MOBILE	93	74	94	72	83	2	1.3	-.3	.8	15.6	88	53.6	120	97	56	7	0	3	1
MONTGOMERY	90	73	95	70	81	2	T	-.9	T	6.0	43	26.7	68	94	59	3	0	1	0
AK ANCHORAGE	68	53	73	47	60	5	.1	-.5	.1	5.7	116	9.3	108	86	56	0	0	1	0
BARROW	40	30	48	27	35	-2	T	-.2	T	1.7	81	2.5	91	97	72	0	7	0	0
FAIRBANKS	68	44	70	37	56	1	.4	.0	.3	5.1	102	6.7	93	95	45	0	0	4	0
JUNEAU	63	50	74	47	57	2	T	-1.3	T	11.3	96	--	--	92	61	0	0	0	0
KODIAK	65	51	73	44	58	3	.1	-1.2	.1	16.2	128	50.6	128	87	61	0	0	1	0
NOME	56	46	61	39	51	2	.7	.0	.6	3.5	62	9.4	107	97	83	0	0	3	1
AZ PHOENIX	102	79	106	73	90	0	1.6	1.3	1.6	2.8	156	5.9	134	66	26	7	0	1	1
PRESCOTT	85	61	88	60	73	4	.4	-.4	.2	1.5	23	6.5	50	80	31	0	0	3	0
TUCSON	96	73	100	69	84	1	.4	.0	.3	3.8	84	7.5	103	77	30	7	0	2	0
YUMA	106	85	112	83	95	4	.0	-.1	.0	.2	19	2.0	112	58	27	7	0	0	0
AR FORT SMITH	98	70	103	60	84	4	.0	-.7	.0	9.2	104	27.3	103	88	33	7	0	0	0
LITTLE ROCK	97	74	101	68	85	6	.0	-.7	.0	6.5	67	25.4	82	71	37	7	0	0	0
CA BAKERSFIELD	100	70	104	62	85	3	.0	.0	.0	.1	63	7.9	200	61	22	7	0	0	0
EUREKA	65	51	67	50	58	0	.0	-.1	.0	2.1	202	36.1	169	85	59	0	0	0	0
FRESNO	98	69	101	60	83	4	T	.0	T	.7	838	15.2	218	58	21	7	0	0	0
LOS ANGELES	74	61	78	58	68	-3	.0	-.1	.0	.7	550	21.0	268	93	65	0	0	0	0
REDDING	97	62	103	53	79	0	.0	-.1	.0	1.8	165	46.6	241	66	15	7	0	0	0
SACRAMENTO	92	60	99	53	76	2	.0	.0	.0	.5	247	23.8	221	--	--	4	0	0	0
SAN DIEGO	78	66	81	63	72	-1	.0	.0	.0	.5	300	15.9	253	91	56	0	0	0	0
SAN FRANCISCO	69	54	74	52	62	-2	.0	.0	.0	.6	500	21.0	171	93	60	0	0	0	0
CO DENVER	90	61	92	56	76	6	.9	.6	.9	5.0	99	12.7	111	83	27	5	0	2	1
GRAND JUNCTION	89	64	95	60	77	1	.1	-.1	.1	2.7	122	8.5	134	73	31	4	0	3	0
PUEBLO	92	60	95	57	76	3	1.2	.8	.9	5.1	100	12.9	151	90	28	6	0	3	1
CT BRIDGEPORT	84	61	91	55	73	1	.0	-.7	.0	4.0	40	17.8	64	68	34	2	0	0	0
HARTFORD	83	52	93	46	68	-3	.0	-.9	.0	7.4	74	21.6	76	79	35	1	0	0	0
DC WASHINGTON	91	67	96	64	79	1	.0	-.9	.0	7.3	70	20.5	80	71	29	3	0	0	0
FL PANAMA CITY	88	75	91	73	81	1	.2	-1.5	.1	16.7	74	31.3	68	95	63	2	0	3	0
DAYTONA BEACH	85	75	88	72	80	-1	4.7	3.3	2.0	19.1	115	26.6	86	96	74	0	0	6	4
JACKSONVILLE	85	74	88	70	80	-1	6.3	5.0	4.4	24.6	156	35.7	110	96	72	0	0	6	3
KEY WEST	91	80	93	76	85	1	1.5	.3	1.0	13.5	106	22.5	96	86	65	5	0	2	1
MIAMI	89	77	93	75	83	0	4.7	2.9	2.2	35.9	169	51.8	141	92	69	3	0	5	4
ORLANDO	88	75	93	73	81	-1	4.7	3.2	3.0	21.1	104	30.9	90	98	69	2	0	6	2
TALLAHASSEE	91	74	94	69	83	1	.2	-1.4	.1	19.9	90	37.7	80	91	61	6	0	3	0
TAMPA	89	77	93	75	83	1	5.9	4.2	3.2	32.5	176	43.2	141	92	70	3	0	5	3
WEST PALM BEACH	87	77	91	75	82	-1	11.1	9.6	9.7	31.9	163	41.2	110	93	69	3	0	5	3
GA ATLANTA	84	72	90	70	78	1	2.0	1.3	1.0	10.3	88	28.2	79	94	59	1	0	5	1
AUGUSTA	88	71	93	68	80	1	4.5	3.5	2.2	14.9	122	30.2	93	97	61	3	0	3	2
MACON	88	73	94	70	81	1	1.3	.5	.7	12.8	116	29.1	91	99	63	4	0	5	1
SAVANNAH	85	74	91	72	80	-1	12.4	10.8	6.3	29.6	161	41.4	115	98	73	1	0	5	4
HI HILO	84	70	88	68	77	1	2.3	.3	.7	26.4	111	53.5	64	92	68	0	0	7	3
HONOLULU	91	76	93	75	84	2	.1	.0	.1	.5	31	10.1	84	75	47	6	0	1	0
KAHULUI	89	72	91	67	81	1	.1	-.1	.1	.9	89	9.1	68	77	50	4	0	1	0
LIHUE	85	75	85	73	80	0	.3	-.1	.3	2.7	51	15.9	63	87	68	0	0	1	0
ID BOISE	93	59	98	51	76	5	T	-.1	T	1.5	103	9.0	119	63	18	4	0	0	0
LEWISTON	88	57	94	48	72	0	T	-.2	T	5.4	211	11.2	135	59	25	4	0	0	0
POCATELLO	89	55	94	40	72	4	T	-.2	T	4.4	197	12.0	150	83	28	3	0	1	0
IL CHICAGO	87	66	91	60	76	6	.0	-1.0	.0	7.9	72	23.2	99	83	42	2	0	0	0
MOLINE	88	63	90	61	76	4	.0	-.9	.0	8.4	66	26.9	101	91	46	1	0	0	0
PEORIA	89	64	92	62	77	5	.0	-.7	.0	6.4	59	26.3	109	89	44	2	0	0	0
QUINCY	86	65	89	61	75	3	.0	-.8	.0	7.4	65	23.3	90	82	47	0	0	0	0
ROCKFORD	84	65	87	60	75	5	.0	-.9	.0	9.4	77	23.6	97	98	56	0	0	0	0
SPRINGFIELD	89	65	91	60	77	4	.0	-.7	.0	7.6	78	25.9	110	92	45	3	0	0	0
IN EVANSVILLE	92	69	94	61	81	4	T	-.7	T	11.0	99	38.3	123	86	46	6	0	0	0
FORT WAYNE	86	62	91	56	74	3	T	-.7	T	9.9	100	24.4	105	97	48	1	0	0	0
INDIANAPOLIS	89	65	91	59	77	5	.1	-.7	.1	9.7	87	26.2	96	89	44	3	0	1	0
SOUTH BEND	84	63	88	60	74	4	T	-.8	T	17.1	155	31.2	124	88	52	0	0	0	0
IA DES MOINES	88	64	94	59	76	6	T	-.9	T	8.3	71	25.1	106	89	39	3	0	1	0
SIOUX CITY	86	65	90	56	76	4	1.3	.6	.7	5.5	58	17.7	95	92	51	1	0	5	1
WATERLOO	88	63	92	54	75	6	.0	-.8	.0	8.2	66	19.4	81	95	42	3	0	0	0
KS CONCORDIA	91	67	94	61	79	4	.0	-.8	.0	8.4	76	22.3	105	86	46	6	0	0	0
DODGE CITY	98	68	99	65	83	6	.0	-.6	.0	7.1	82	17.3	105	79	30	7	0	0	0
GOODLAND	94	64	96	58	79	7	.4	.1	.3	8.9	117	17.4	122	78	31	6	0	2	0
TOPEKA	92	66	98	63	79	4	.0	-.9	.0	12.8	103	32.1	132	87	42	5	0	0	0
WICHITA	93	69	95	64	81	4	.0	-.8	.0	18.9	156	31.5	131	81	44	7	0	0	0
KY BOWLING GREEN	92	68	95	60	80	5	T	-.7	T	7.5	63	25.1	73	92	49	6	0	1	0
LEXINGTON	87	65	90	59	76	2	.0	-.8	.0	14.2	118	37.6	122	92	51	2	0	0	0
LOUISVILLE	91	69	93	63	80	5	T	-.8	T	9.2	84	28.4	93	89	54	5	0	0	0
LA BATON ROUGE	95	74	97	73	84	3	1.4	.1	.6	10.9	66	50.4	120	96	55	7	0	3	2
LAKE CHARLES	96	76	97	72	86	5	1.0	-.2	.8	18.8	129	43.4	124	97	56	7	0	4	1
NEW ORLEANS	95	77	100	75	86	5	.5	-.9	.4	12.5	73	54.1	128	93	54	7	0	3	0
SHREVEPORT	100	77	104	75	88	8	T	-.6	T	7.6	74	31.9	98	84	35	7	0	0	0

Based on 1961-90 normals.

Weather Data for the Week Ending August 26, 1995

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMP. °F		PRECIP.	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
ME CARIBOU	74	52	89	47	63	2	1.0	.1	.6	5.4	52	20.6	91	84	40	0	0	3	1
PORTLAND	79	51	89	45	65	-1	T	-.6	T	6.1	68	22.2	82	79	36	0	0	0	0
MD BALTIMORE	89	64	95	60	77	2	T	-.8	T	8.5	79	20.1	74	74	30	3	0	1	0
SALISBURY	90	57	95	51	74	0	.0	-1.2	.0	4.3	35	15.6	51	87	32	3	0	0	0
MA BOSTON	81	60	94	57	71	0	.0	-.7	.0	4.4	51	16.7	63	73	36	1	0	0	0
CHATHAM	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-	-	-	-
MI ALPENA	77	56	85	50	67	3	T	-.8	T	7.2	82	15.3	81	87	50	0	0	1	0
DETROIT	84	62	89	58	73	4	.0	-.8	.0	6.7	69	18.7	87	81	45	0	0	0	0
FLINT	81	58	86	54	69	2	.1	-.7	.1	7.6	86	16.6	86	88	52	0	0	1	0
GRAND RAPIDS	82	59	86	53	70	2	T	-.8	T	12.2	124	24.1	108	92	52	0	0	0	0
HOUGHTON LAKE	80	60	87	54	70	6	.3	-.5	.3	9.3	111	18.1	101	83	45	0	0	2	0
LANSING	81	57	85	50	69	2	.0	-.8	.0	5.7	64	16.9	86	97	53	0	0	0	0
MARQUETTE	73	53	84	47	63	2	1.3	.5	1.0	10.0	109	23.8	111	90	49	0	0	2	1
MUSKEGON	80	58	84	51	69	1	T	-.8	T	6.6	92	17.9	94	87	53	0	0	1	0
SAULT ST. MARIE	71	51	80	47	61	-1	.3	-.5	.2	8.1	92	20.2	99	93	54	0	0	2	0
MN ALEXANDRIA	80	63	85	58	72	4	1.9	1.1	1.7	10.1	100	16.9	93	94	60	0	0	2	1
DULUTH	76	57	82	55	66	4	2.9	2.0	1.7	12.2	113	22.9	115	87	46	0	0	2	2
INT'L FALLS	73	53	83	48	63	1	.4	-.3	.3	7.8	77	13.8	83	92	51	0	0	3	0
MINNEAPOLIS	85	65	90	58	75	6	.2	-.6	.2	10.4	98	17.5	86	91	54	1	0	2	0
ROCHESTER	83	61	85	54	72	5	T	-.9	T	9.8	87	19.5	94	92	51	0	0	0	0
MS GREENWOOD	96	74	98	72	85	5	T	-.6	T	8.7	81	29.5	81	94	49	7	0	0	0
JACKSON	95	74	99	72	84	4	.3	-.4	.3	14.1	139	39.3	105	93	50	7	0	1	0
MERIDIAN	93	72	97	71	83	3	.4	-.4	.3	9.1	77	35.3	90	98	56	7	0	2	0
MO CAPE GIRARDEAU	92	69	94	61	80	4	.0	-.8	.0	9.3	94	30.2	98	90	42	5	0	0	0
COLUMBIA	90	66	94	63	78	4	.0	-.7	.0	15.5	151	42.5	169	95	50	4	0	0	0
KANSAS CITY	88	65	92	61	77	2	.0	-.9	.0	11.6	93	30.3	120	87	44	3	0	0	0
SAINT LOUIS	89	71	92	68	80	4	.0	-.6	.0	9.6	97	34.8	140	82	46	3	0	0	0
SPRINGFIELD	94	67	97	62	80	5	.0	-1.0	.0	12.5	108	35.0	126	85	35	7	0	0	0
MT BILLINGS	88	58	96	50	73	4	T	-.3	T	4.9	132	13.0	120	78	32	4	0	0	0
GLASGOW	87	59	94	47	73	5	.4	.1	.3	7.8	158	11.9	133	84	32	2	0	3	0
GREAT FALLS	88	51	96	40	70	4	T	-.4	T	6.3	128	11.9	104	76	21	3	0	0	0
HAVRE	85	52	89	42	69	2	T	-.3	T	9.4	225	13.3	160	86	28	0	0	1	0
HELENA	89	49	94	39	69	3	.1	-.2	.1	4.1	102	9.0	105	81	28	4	0	2	0
KALISPELL	81	41	87	35	61	-1	T	-.3	T	7.2	161	12.7	115	93	23	0	0	1	0
MILES CITY	95	62	102	48	79	8	.1	-.2	.1	4.7	88	10.5	100	76	24	6	0	1	0
MISSOULA	88	50	96	41	69	4	.3	.0	.3	5.4	145	9.1	96	90	21	4	0	2	0
NE GRAND ISLAND	90	67	94	57	78	6	T	-.6	T	7.1	78	18.9	102	82	45	3	0	1	0
LINCOLN	90	65	95	56	78	4	.3	-.5	.2	4.5	45	18.8	94	90	39	3	0	3	0
NORFOLK	87	68	91	60	77	6	5.4	4.8	4.8	9.9	101	24.4	129	86	52	2	0	4	2
NORTH PLATTE	95	68	99	59	82	11	.3	.0	.3	5.3	67	14.4	94	76	39	7	0	1	0
OMAHA	89	65	93	56	77	4	1.5	.7	1.4	6.6	65	21.2	102	90	44	3	0	2	1
SCOTTSBLUFF	89	61	95	55	75	5	T	-.2	T	4.2	75	13.3	110	92	39	4	0	0	0
VALENTINE	91	66	103	55	78	6	.3	-.4	.2	6.4	70	17.0	100	90	44	3	0	2	0
NV ELY	81	52	85	40	66	2	1.3	1.1	.7	2.8	124	10.1	149	82	34	0	0	3	2
LAS VEGAS	101	79	103	74	90	2	.1	-.1	.0	.1	6	3.7	134	52	20	7	0	2	0
RENO	92	58	97	49	75	7	T	-.1	T	1.5	153	10.0	206	62	18	6	0	0	0
WINNEMUCCA	93	52	97	42	72	4	.0	-.1	.0	1.5	98	8.1	150	59	15	7	0	0	0
NH CONCORD	81	50	92	42	66	-1	.0	-.7	.0	7.7	83	20.8	90	77	34	1	0	0	0
NJ ATLANTIC CITY	85	54	92	48	69	-3	.0	-.9	.0	8.4	84	21.0	78	85	36	1	0	0	0
NM ALBUQUERQUE	89	64	91	62	77	2	.2	-.1	.2	1.0	29	2.9	49	78	31	3	0	3	0
CLOVIS	91	65	94	63	78	4	.0	-.7	.0	4.7	59	7.7	63	79	31	5	0	0	0
ROSWELL	96	70	99	68	83	5	--	--	--	--	--	--	--	64	25	7	0	-	-
NY ALBANY	81	52	92	47	66	-2	.0	-.8	.0	6.9	71	16.4	69	80	34	1	0	0	0
BINGHAMTON	80	54	87	47	67	1	.0	-.7	.0	6.3	64	17.0	71	76	36	0	0	0	0
BUFFALO	79	59	86	51	69	1	.0	-1.0	.0	6.3	63	19.0	80	80	40	0	0	0	0
NEW YORK	86	67	96	62	76	2	.0	-.8	.0	8.0	74	20.5	73	62	30	2	0	0	0
ROCHESTER	81	59	90	49	70	3	T	-.8	T	8.2	96	16.4	80	84	39	1	0	0	0
SYRACUSE	80	55	88	47	68	0	.0	-.8	.0	5.9	56	14.8	61	79	39	0	0	0	0
NC ASHEVILLE	81	67	88	63	74	2	3.8	2.5	3.4	19.9	136	39.3	105	99	66	0	0	4	1
CHARLOTTE	87	72	92	71	79	2	1.7	.8	1.7	12.9	123	27.8	96	90	58	2	0	1	1
GREENSBORO	87	69	92	66	78	3	.7	-.2	.4	12.7	109	23.7	83	87	54	4	0	2	0
HATTERAS	87	70	91	62	79	1	.4	-1.0	.4	19.3	136	38.1	108	90	43	1	0	2	0
NEW BERN	91	70	95	64	80	2	.7	-.8	.7	6.4	36	16.1	42	97	52	5	0	1	1
RALEIGH	89	68	95	65	79	3	.4	-.5	.2	11.4	103	28.2	98	90	33	4	0	2	0
WILMINGTON	86	69	90	61	77	-1	1.8	.2	1.1	22.8	129	43.2	113	98	60	1	0	4	2
ND BISMARCK	87	59	96	45	73	6	1.7	1.4	1.2	8.3	131	15.8	133	92	41	3	0	5	1
FARGO	83	59	92	54	71	4	1.6	1.0	1.4	8.4	111	15.2	108	91	48	2	0	3	1
GRAND FORKS	80	58	93	54	69	3	.6	.1	.5	14.1	186	18.8	143	90	46	1	0	3	1
WILLISTON	85	58	94	44	72	5	2.0	1.8	1.1	7.3	135	12.6	121	84	35	1	0	4	2
OH AKRON-CANTON	84	59	90	53	71	2	T	-.7	T	8.5	84	26.0	106	86	42	1	0	0	0
CINCINNATI	88	65	91	59	76	4	.0	-.7	.0	10.5	96	31.3	110	90	45	3	0	0	0
CLEVELAND	83	63	88	57	73	3	T	-.8	T	11.1	110	28.6	120	87	48	0	0	1	0
COLUMBUS	86	63	91	58	75	5	.2	-.6	.2	19.9	188	35.7	140	90	46	2	0	1	0
DAYTON	84	62	89	56	73	2	.0	-.7	.0	18.9	188	39.7	158	92	48	0	0	0	0

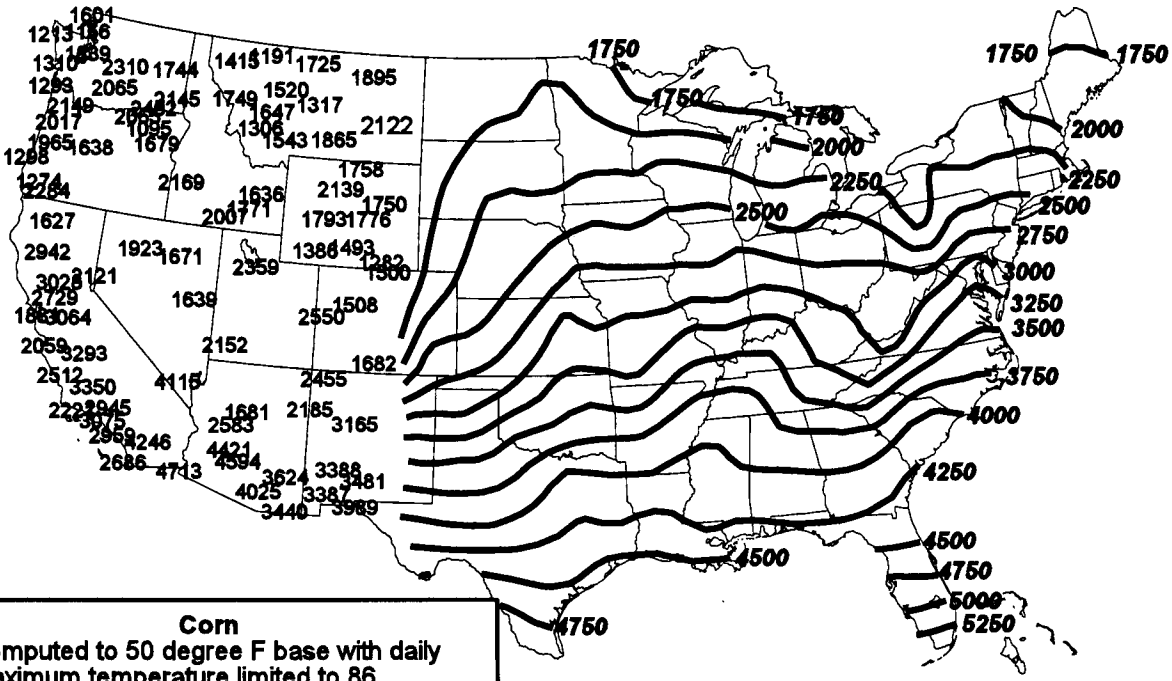
Based on 1961-90 normals.

Weather Data for the Week Ending August 26, 1995

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMP. °F		PRECIP.	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
TOLEDO	85	63	91	55	74	5	.0	-.7	.0	7.5	77	20.2	93	88	47	2	0	0	0
YOUNGSTOWN	85	57	91	51	71	3	.0	-.7	.0	8.0	74	20.7	84	90	45	2	0	0	0
OK OKLAHOMA CITY	95	70	97	62	82	2	.0	-.6	.0	10.1	112	22.8	102	82	34	7	0	0	0
TULSA	98	69	100	65	84	3	.0	-.8	.0	13.8	138	33.9	129	84	30	7	0	0	0
OR ASTORIA	69	49	75	45	59	-1	T	-.3	T	4.9	106	37.7	102	96	61	0	0	0	0
BURNS	86	40	91	34	63	0	T	-.2	T	2.4	134	9.8	159	69	17	3	0	0	0
MEDFORD	88	51	98	46	70	-2	.0	-.1	.0	2.7	219	14.3	145	75	18	3	0	0	0
PENDLETON	84	52	92	43	68	-3	T	-.1	T	2.8	190	11.6	158	65	21	3	0	0	0
PORTLAND	81	54	92	48	67	-1	T	-.3	T	4.5	151	22.2	110	85	33	1	0	0	0
SALEM	80	49	90	45	64	-2	T	-.2	T	2.5	100	25.6	120	95	34	1	0	0	0
PA ALLENTOWN	86	57	93	51	71	0	.0	-1.0	.0	7.6	66	22.2	78	75	31	1	0	0	0
ERIE	79	64	84	58	71	2	T	-1.0	T	5.8	54	18.9	75	81	49	0	0	0	0
HARRISBURG	87	61	94	55	74	1	.0	-.7	.0	10.1	98	21.8	81	90	38	2	0	0	0
PHILADELPHIA	88	65	93	62	76	4	.0	-.9	.0	4.7	39	16.5	54	75	32	2	0	0	0
PITTSBURGH	88	60	92	54	74	5	.0	-.7	.0	8.6	84	19.6	78	76	35	3	0	0	0
SCRANTON	84	56	91	51	70	1	.0	-.7	.0	6.0	57	15.1	63	75	31	2	0	0	0
RI PROVIDENCE	84	58	94	51	71	1	.0	-.8	.0	5.8	61	20.8	72	77	32	1	0	0	0
SC CHARLESTON	86	74	92	71	80	0	7.4	5.8	2.2	21.5	110	32.9	89	96	70	1	0	4	4
COLUMBIA	88	73	95	71	81	2	5.5	4.2	4.5	24.9	160	40.4	113	94	53	3	0	5	2
FLORENCE	88	71	93	69	80	1	4.5	3.4	4.2	13.9	98	30.4	97	94	55	2	0	3	1
GREENVILLE	85	71	93	70	78	2	13.0	12.2	11.6	22.5	176	42.3	121	95	66	1	0	6	2
SD ABERDEEN	84	63	89	54	74	5	.7	.1	.5	5.9	65	17.2	107	95	58	0	0	2	1
HURON	86	67	96	59	77	6	.3	-.1	.3	7.7	99	23.3	151	91	59	2	0	1	0
RAPID CITY	90	63	98	49	77	7	.3	-.1	.2	7.8	120	15.8	121	86	42	5	0	3	0
SIOUX FALLS	88	68	91	59	78	8	T	-.7	T	7.9	93	22.8	136	91	52	3	0	0	0
TN CHATTANOOGA	88	72	92	69	80	3	1.8	1.0	.7	12.4	110	33.9	95	91	54	5	0	4	1
KNOXVILLE	90	69	95	66	80	4	.7	.1	.5	6.3	56	28.2	87	90	48	5	0	2	0
MEMPHIS	94	74	96	69	84	4	.0	-.8	.0	18.8	184	39.6	116	87	47	7	0	0	0
NASHVILLE	93	71	95	65	82	4	.3	-.5	.3	9.1	86	32.0	100	87	47	7	0	1	0
TX ABILENE	93	69	96	65	81	-1	.1	-.6	.1	9.0	124	19.2	122	84	40	6	0	1	0
AMARILLO	91	65	92	64	78	3	.0	-.7	.0	7.7	85	14.5	99	82	34	7	0	0	0
AUSTIN	96	76	98	74	86	1	.4	-.1	.4	7.1	95	23.9	117	87	44	7	0	1	0
BEAUMONT	94	75	96	73	84	2	1.3	.1	.8	19.2	125	39.0	108	100	58	7	0	3	1
BROWNSVILLE	91	75	94	74	83	-1	1.5	.7	1.3	--	--	16.3	112	94	62	5	0	2	1
CORPUS CHRISTI	93	76	97	74	84	0	.5	-.4	.2	7.9	95	18.8	104	91	53	7	0	5	0
DEL RIO	99	76	103	73	87	5	.1	-.5	.1	2.4	34	8.3	52	80	39	7	0	2	0
EL PASO	94	70	98	68	82	3	.3	-.1	.2	2.8	78	4.4	85	65	26	6	0	3	0
FORT WORTH	98	76	101	72	87	5	T	-.6	T	6.7	93	30.3	129	79	41	7	0	0	0
GALVESTON	94	81	96	78	88	4	T	-1.1	T	.6	5	10.4	40	82	55	7	0	0	0
HOUSTON	96	75	100	73	86	4	2.6	1.6	1.6	11.7	85	30.7	93	92	53	7	0	3	2
LUBBOCK	94	67	96	65	80	3	T	-.6	T	5.5	77	9.7	78	78	30	7	0	0	0
MIDLAND	96	69	99	67	83	3	.0	-.5	.0	4.1	90	8.6	95	74	27	7	0	0	0
SAN ANGELO	96	69	99	65	83	1	.0	-.5	.0	3.9	80	15.2	123	84	32	7	0	0	0
SAN ANTONIO	98	74	100	73	86	2	1.7	1.1	1.0	7.5	93	16.0	81	90	38	7	0	2	2
VICTORIA	93	75	96	74	84	2	1.2	.3	.5	8.5	73	21.0	77	98	55	7	0	5	0
WACO	96	73	101	72	85	0	1.6	1.2	1.6	7.6	115	28.2	138	93	43	7	0	1	1
WICHITA FALLS	97	71	101	65	84	2	.0	-.7	.0	10.0	130	19.9	96	79	33	7	0	0	0
UT CEDAR CITY	86	60	90	56	73	2	.3	-.1	.2	2.0	74	8.3	109	80	31	1	0	2	0
SALT LAKE CITY	92	66	97	62	79	5	.2	-.1	.2	2.0	83	13.1	122	74	27	6	0	1	0
VT BURLINGTON	78	57	91	47	67	1	.1	-.9	.1	8.8	84	17.4	79	74	42	1	0	1	0
VA NORFOLK	87	68	95	63	78	1	.0	-1.1	.0	7.5	58	20.9	68	84	46	3	0	0	0
RICHMOND	89	64	95	56	77	1	.0	-.9	.0	6.9	55	20.5	70	83	33	3	0	0	0
ROANOKE	89	66	95	62	78	4	T	-.9	T	13.0	123	28.8	107	80	34	4	0	0	0
WA QUILLAYUTE	67	48	73	42	58	-2	.1	-.5	.0	11.1	143	53.2	90	98	63	0	0	3	0
SEATTLE-TACOMA	73	54	79	52	63	-2	.0	-.3	.0	4.5	140	20.9	104	87	45	0	0	0	0
SPOKANE	82	50	90	44	66	-1	T	-.2	T	3.8	149	14.3	141	81	18	1	0	0	0
YAKIMA	84	44	91	40	64	-4	.0	-.1	.0	1.5	143	6.0	129	77	24	1	0	0	0
WV BECKLEY	83	61	86	55	72	4	.0	-.7	.0	10.9	95	28.5	102	87	44	0	0	0	0
CHARLESTON	86	64	89	57	75	2	.2	-.7	.2	13.7	114	34.2	118	99	50	0	0	1	0
HUNTINGTON	88	65	91	60	77	5	.0	-.9	.0	11.1	92	30.5	104	94	47	4	0	0	0
PARKERSBURG	87	63	91	57	75	3	.0	-.9	.0	8.4	72	--	--	97	43	2	0	0	0
WI GREEN BAY	82	60	87	56	71	5	1.0	.2	.5	9.9	105	18.0	95	89	56	0	0	4	0
LACROSSE	88	66	92	58	77	7	--	--	--	--	--	22.2	105	98	49	3	0	-	-
MADISON	85	63	88	57	74	6	T	-.9	T	10.0	92	22.4	104	88	51	0	0	0	0
MILWAUKEE	82	66	88	62	74	5	T	-.8	T	8.0	82	19.4	89	89	56	0	0	0	0
WAUSAU	80	59	85	54	70	4	1.2	.2	.9	17.1	148	23.4	108	94	54	0	0	3	1
WY CASPER	92	57	93	49	74	7	T	-.1	T	4.1	125	14.4	158	72	19	6	0	0	0
CHEYENNE	86	59	89	54	73	7	.3	-.1	.2	6.5	116	15.3	137	76	29	0	0	2	0
LANDER	89	56	93	52	72	5	.2	.1	.2	4.1	153	15.1	162	72	26	2	0	2	0
SHERIDAN	93	56	100	45	75	8	.1	-.1	.1	4.6	121	12.4	121	79	29	6	0	1	0
PR SAN JUAN	90	78	91	76	84	1	.5	-.8	.2	14.0	109	34.8	117	88	64	5	0	5	0

Based on 1961-90 normals.

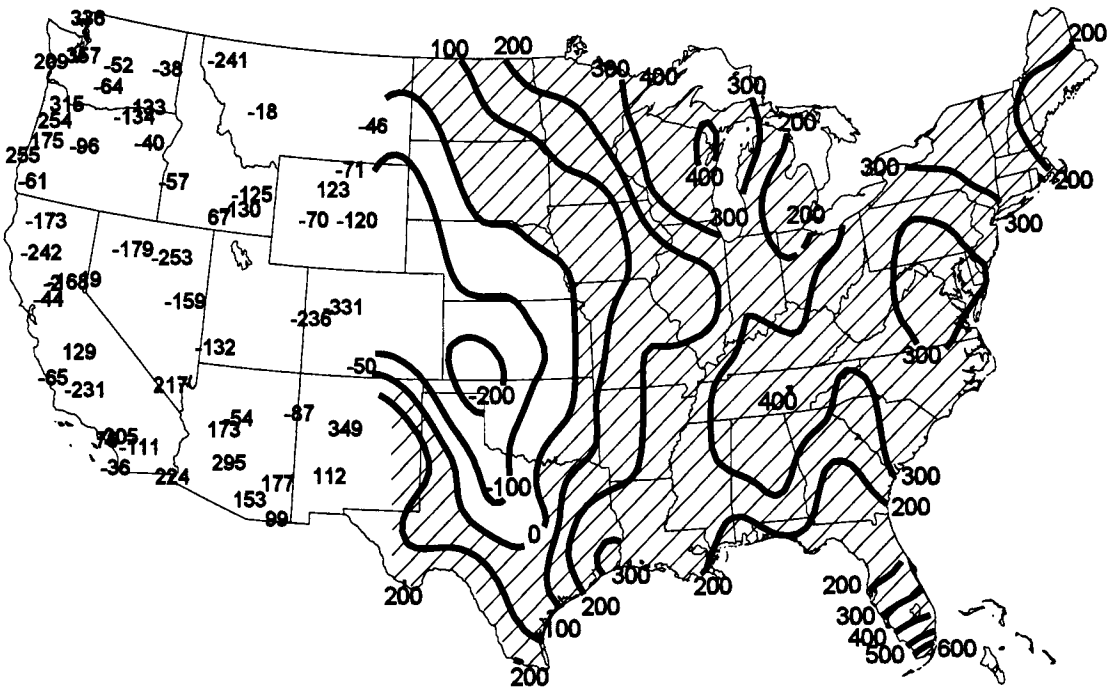
Total Growing Degree Days
March 1 - August 26, 1995



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

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary data

Growing Degree Days Departure from Normal
March 1 - August 26, 1995



NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary data

National Agricultural Summary

HIGHLIGHTS for August 21 - 27, 1995

Hot, dry weather across the central Corn Belt left fields dry, and depressed row crop condition ratings. Short soil moisture supplies approached the critical stage, with moderate to severe crop stress reported. Midwestern crops matured rapidly due to the hot, dry weather that pushed crop progress closer to normal for many States. Hot, humid weather accelerated crop development in South Dakota, helping to make up for late planting, but most areas will require a late first-freeze to allow crops to reach maturity. Soil moisture supplies declined from the Ohio Valley to the Mid-Atlantic States, where drought pressure stressed crops. Much-needed rain from Tropical Storm Jerry replenished soil moisture supplies for parts of the Southeast, boosting crop conditions. The rains came too late to be of much benefit for crops in advanced stages of development in North Carolina. Cool, dry weather in Washington allowed the small grain harvest to make good progress.

The **winter wheat** crop in the 19 major producing States was 96 percent (%) harvested, 1 percentage point behind the 5-year average. The wheat harvest advanced 16 points in Washington from last week to 81% complete, 8 points behind the average. In the Pacific Northwest, winter wheat seeding was underway.

Spring wheat condition was rated as good to fair with 45% of the acreage harvested, 12 points behind normal. Spring wheat harvest increased from last week by 19 points in South Dakota. In Idaho, spring wheat harvested at 28% complete was 31 points behind the average. Spring wheat harvested in North Dakota at 33% complete remained behind the average due to rain and high humidity.

Corn condition for the 17 major producing States was in mostly good to fair condition, with 73% of the acreage in or beyond the doughing stage. Hot weather rapidly matured corn in the Corn Belt but depleted soil moisture supplies. In Nebraska, corn development remained 2 weeks behind normal despite the rapid growth caused by the hot weather. Heavy rainfall in parts of Nebraska came too late to improve dryland corn. Producers in Iowa were concerned with crop stress caused by short moisture supplies and possible yield losses. In the central Great Plains, heavy infestations of corn borer and spider mites were reported along with grey leaf spot. Missouri and Nebraska's corn doughing was 64% complete and was behind the average by over 20 points in both States. Kansas corn doughing at 60% complete was 32 points behind the average, while Wisconsin at 83% complete was 32 points ahead of the average. Thirty-one percent of the acreage had reached the denting stage, 7 points behind the average. Corn denting was behind the average by over 25 points in Kansas, Missouri, and Nebraska.

Cotton bolls opening was 25% complete, up 8 points from last week and 2 points ahead of the average for the Nation. Cotton condition improved across Georgia, Mississippi, and the Carolinas due to rains from Tropical Storm Jerry. Cotton fields continued to be sprayed for insects in the Delta and Southeastern States. The main concern for producers in Mississippi was worm infestations and control. Above-average temperatures aided cotton development in Arizona, where 75% of the cotton fields were at or beyond the boll opening stage, up 43 points from last week. Cotton development remained behind schedule in California, where beneficial insects were used to relieve aphid pressures. Hot, dry weather in the Texas High Plains allowed cotton to make good progress. Producers in the Texas High Plains continued to increase insecticide applications. Rain along the coastal region and Rio Grande Valley hampered harvest activity and caused additional damage to defoliated cotton.

Sorghum condition declined slightly from the hot, dry weather with 84% of the sorghum acres headed, 5 points behind normal. Sorghum headed in Missouri and Nebraska was 10 points behind normal. Thirty-five percent of the Nation's sorghum acreage was turning color with Illinois 32 points behind the average. Sorghum condition declined in Texas, where most fields in the Texas High Plains turned color due to the hot, dry weather. Fall armyworm infestations were reported in parts of Kansas.

Rice condition was mostly good with 96% of the crop headed, 8 points ahead of the average. Rice headed in California at 90% complete was up 20 points from the previous week. In Arkansas, rice headed was 97% complete, up from last week by 6 points and ahead of the average by 12 points. Rice producers in Arkansas were applying insecticides and draining fields for harvest. Showers along the Texas coast caused minor delays in the rice harvest, which at 54% complete was 2 points behind the average. The rice harvest continued in Louisiana and at 64% complete was 7 points ahead of normal.

Soybean condition was mostly good to fair, with 87% of the crop setting pods. Soybeans dropping leaves at 1% complete was 2 points behind the average. Soybeans in the Midwest showed signs of stress from the hot, dry weather. Heavy rains and lower temperatures improved soybean condition in the Southeastern States. Soybean growers took measures to control diseases and aerial blight in the Delta. The soybean harvest continued in central Texas, but rains along the coast slowed harvest activity.

Crop Progress and Condition

Week Ending August 27, 1995

Soybeans Percent Setting Pods

	Aug 27 1995	Prev Week	Prev Year	5-Yr Avg
AL	80	63	65	65
AR	75	59	82	63
GA	84	69	87	81
IL	88	73	97	94
IN	95	78	98	96
IA	97	92	100	95
KS	67	43	94	86
KY	80	54	63	59
LA	94	88	94	87
MI	100	96	84	81
MN	97	96	99	93
MS	90	81	90	75
MO	58	38	92	78
NE	84	69	100	95
NC	67	45	66	60
OH	100	84	99	96
SC	68	46	64	57
SD	88	73	100	88
TN	78	61	60	63
ALL	87	74	93	87

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

Soybeans Percent Dropping Leaves

	Aug 27 1995	Prev Week	Prev Year	5-Yr Avg
AL	0	NA	1	1
AR	1	NA	5	3
GA	7	NA	6	4
IL	0	NA	2	4
IN	2	NA	1	3
IA	0	NA	1	0
KS	1	NA	9	8
KY	3	NA	7	6
LA	6	NA	5	3
MI	0	NA	0	1
MN	0	NA	0	0
MS	8	NA	7	3
MO	0	NA	1	1
NE	0	NA	3	1
NC	0	NA	0	0
OH	1	NA	2	5
SC	0	NA	0	0
SD	3	NA	16	11
TN	3	NA	3	1
ALL	1	NA	3	3

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

Corn Percent Dough

	Aug 27 1995	Prev Week	Prev Year	5-Yr Avg
CO	34	12	77	56
GA	100	100	100	100
IL	87	63	91	85
IN	84	72	94	88
IA	63	36	91	60
KS	60	38	98	92
KY	95	85	93	90
MI	55	24	41	36
MN	63	42	83	61
MO	64	48	97	89
NE	64	21	99	85
NC	98	96	97	95
OH	97	73	93	85
PA	80	61	63	56
SD	52	24	84	63
TX	98	93	97	96
WI	83	59	63	51
ALL	73	49	88	74

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

Corn Percent Dented

	Aug 27 1995	Prev Week	Prev Year	5-Yr Avg
CO	3	0	40	20
GA	100	100	100	99
IL	43	17	53	48
IN	36	13	41	42
IA	23	7	54	29
KS	18	8	81	58
KY	80	55	78	67
MI	21	2	14	11
MN	21	4	33	19
MO	35	23	88	66
NE	14	0	70	40
NC	94	89	84	85
OH	36	11	35	37
PA	35	9	11	15
SD	12	1	35	27
TX	85	75	84	87
WI	34	12	19	17
ALL	31	13	51	38

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

Sorghum Percent Headed

	Aug 27 1995	Prev Week	Prev Year	5-Yr Avg
AR	99	97	100	94
CO	80	55	75	71
IL	74	65	97	87
KS	79	56	97	85
LA	98	96	100	98
MS	100	100	100	97
MO	80	61	99	90
NE	83	66	99	93
NM	45	40	80	82
OK	57	49	89	80
SD	67	61	97	82
TX	97	94	95	94
ALL	84	71	96	89

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

Sorghum Percent Coloring

	Aug 27 1995	Prev Week	Prev Year	5-Yr Avg
AR	83	59	86	73
CO	20	4	22	17
IL	6	2	53	38
KS	9	1	46	24
LA	81	75	94	88
MS	84	71	94	80
MO	34	22	69	47
NE	8	1	62	31
NM	4	1	17	16
OK	10	9	44	37
SD	14	7	34	24
TX	82	78	78	77
ALL	35	28	60	45

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

Spring Wheat Percent Harvested

	Aug 27 1995	Prev Week	Prev Year	5-Yr Avg
ID	28	17	81	59
MN	65	57	53	60
MT	37	26	68	45
ND	33	20	50	54
SD	92	73	97	87
ALL	45	32	60	57

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

Crop Progress and Condition

Week Ending August 27, 1995

Rice Percent Headed

	Aug 27 1995	Prev Week	Prev Year	5-Yr Avg
AR	97	91	98	85
CA	90	70	97	83
LA	97	94	96	94
MS	100	97	99	90
TX	98	97	100	98
ALL	96	90	98	88

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

Rice Percent Harvested

	Aug 27 1995	Prev Week	Prev Year	5-Yr Avg
AR	2	0	6	5
CA	0	0	0	0
LA	64	54	44	56
MS	12	5	8	5
TX	54	39	62	56
ALL	20	15	19	20

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

Winter Wheat Percent Harvested

	Aug 27 1995	Prev Week	Prev Year	5-Yr Avg
AR	100	100	100	100
CA	99	99	99	99
CO	100	100	100	97
GA	100	100	100	100
ID	66	41	97	75
IL	100	100	100	100
IN	100	100	100	100
KS	100	100	100	100
MI	100	100	100	100
MO	100	100	100	100
MT	52	40	94	76
NE	100	100	100	100
NC	100	100	100	100
OH	100	100	100	100
OK	100	100	100	100
OR	93	85	99	94
SD	100	100	100	99
TX	100	100	100	100
WA	81	65	99	89
ALL	96	93	100	97

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

Cotton Percent Bolls Opening

	Aug 27 1995	Prev Week	Prev Year	5-Yr Avg
AL	17	7	9	16
AZ	75	32	72	58
AR	20	15	8	8
CA	11	5	27	23
GA	49	39	10	20
LA	43	23	47	42
MS	37	22	42	34
MO	6	2	11	8
NM	5	3	22	16
NC	14	6	17	17
OK	0	0	6	4
SC	14	7	6	15
TN	8	1	8	11
TX	24	20	23	22
ALL	25	17	24	23

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

Soybeans Crop Condition by Percent

State	VP	P	F	G	EX
AL	2	13	53	31	1
AR	3	12	31	45	9
GA	0	6	64	27	3
IL	1	5	32	54	8
IN	1	6	37	50	6
IA	2	6	25	52	15
KS	0	4	31	57	8
KY	0	3	19	67	11
LA	0	10	39	45	6
MI	1	5	17	44	33
MN	1	5	26	51	17
MS	3	9	23	52	13
MO	3	13	40	40	4
NE	3	16	46	31	4
NC	4	14	46	34	2
OH	1	6	24	48	21
SC	0	0	32	59	9
SD	1	4	27	52	16
TN	0	1	17	57	25
ALL	2	7	31	48	12
Prev Wk	1	7	30	50	12
Prev Yr	1	3	30	55	11

Corn Crop Condition by Percent

State	VP	P	F	G	EX
CO	1	3	29	57	10
GA	0	5	50	45	0
IL	1	7	31	53	8
IN	2	8	35	50	5
IA	2	7	25	51	15
KS	0	4	31	56	9
KY	1	6	22	58	13
MI	1	4	16	51	28
MN	1	4	21	51	23
MO	0	13	36	44	7
NE	3	10	36	46	5
NC	1	4	13	62	20
OH	2	6	23	46	23
PA	7	16	33	36	8
SD	1	8	38	40	13
TX	0	3	17	61	19
WI	0	2	14	58	26
ALL	2	7	28	50	13
Prev Wk	1	6	26	52	15
Prev Yr	1	2	20	58	19

Cotton Crop Condition by Percent

State	VP	P	F	G	EX
AL	5	27	52	15	1
AZ	2	24	27	31	16
AR	1	8	33	44	14
CA	0	0	15	70	15
GA	0	7	72	21	0
LA	0	5	32	60	3
MS	4	12	30	44	10
MO	1	8	19	53	19
NM	0	0	37	42	21
NC	5	15	52	26	2
OK	2	19	27	49	3
SC	0	0	59	41	0
TN	0	1	22	60	17
TX	3	11	26	52	8
ALL	2	10	31	48	9
Prev Wk	2	11	28	49	10
Prev Yr	0	6	42	47	5

Crop Progress and Condition

Week Ending August 27, 1995

Sorghum Crop Condition by Percent

State	VP	P	F	G	EX
AR	0	4	28	51	17
CO	2	2	15	73	8
IL	2	5	32	61	0
KS	1	7	21	59	12
LA	0	4	27	61	8
MS	1	3	23	58	15
MO	1	10	40	41	8
NE	1	18	45	33	3
NM	40	20	19	20	1
OK	0	2	14	83	1
SD	1	15	29	50	5
TX	1	8	34	51	6
ALL	2	9	30	51	8
Prev Wk	1	7	28	57	7
Prev Yr	0	7	36	53	4

Spring Wheat Crop Condition by Percent

State	VP	P	F	G	EX
ID	0	1	6	75	18
MN	9	18	49	23	1
MT	2	5	21	58	14
ND	4	11	32	49	4
SD	3	4	39	51	3
ALL	4	10	32	48	6
Prev Wk	4	9	31	50	6
Prev Yr	1	7	35	50	7

Rice Crop Condition by Percent

State	VP	P	F	G	EX
AR	0	2	21	59	18
CA	0	0	25	65	10
LA	0	2	27	63	8
MS	0	0	21	62	17
TX	0	0	14	50	36
ALL	0	1	22	60	17
Prev Wk	0	2	19	61	18
Prev Yr	0	0	12	82	6

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

(Continued from front cover)
Early in the week, extreme heat persisted in the **Gulf Coast region**, as highs on Sunday in **Louisiana** soared to daily-record values of 104°F in **Shreveport** and 100°F in **New Orleans**. In contrast, surges of cool air into the **Northeast** and the **Northwest** produced daily-record lows in **Hartford, CT** (46°F) and **Helena, MT** (39°F). A day later, daily-record heat shifted into the **northern High Plains**, where highs included 100°F in **Sheridan, WY** and 102°F in **Miles City, MT**.

On Sunday, more than 2 inches of rain soaked **Melbourne, FL**, pushing their monthly total past the former August record of 12.12 inches, set in 1964. A day later, **Phoenix, AZ** received a 1.59-inch rainfall, their second consecutive daily record. On Tuesday, scattered thunderstorms in the **North-Central States** produced an all-time record wind gust in **Int'l Falls, MN** (67 mph), as well as a 24-hour, August-record rainfall in **Norfolk, NE** (5.06 inches).

During the 24 hours ending at 8 a.m. EDT on August 24, **West Palm Beach, FL** measured 9.90 inches of rain. The ensuing 24-hour period featured **Florida** totals of 5.85 inches in **Jacksonville** and 5.55 inches in **Fort Myers**. Farther north, **Savannah, GA** reported consecutive daily-record totals on Friday (5.75 inches) and Saturday (3.57 inches), pushing their monthly value to 17.02 inches, their third highest August total on record. Also on Saturday, the daily rainfall of 9.32 inches in **Greenville-Spartanburg, SC** not only eclipsed their all-time 24-hour record, but also shattered their former *August* record (formerly 9.02 inches in 1991). Largely due to Jerry's rains, 8-day totals through August 27 reached 16.47 inches in **Greenville-Spartanburg**, 12.43 inches in **Savannah**, and 12.01 inches in **West Palm Beach**.

Cool air returned to the **Northeast** and the **Northwest** at week's end. **Atlantic City, NJ** notched a daily-record low of 48°F on Saturday, while **Red Bluff, CA** concluded the week with consecutive daily-record 52-degree lows. Despite the occasional intrusions of cool air into the **Northeast**, long- and short-term moisture deficits mounted. In **Washington, DC**, the week ended with the longest August dry spell on record--20 days--in progress. Farther north, several wild fires flared on **New York's Long Island**. Less than a quarter-inch of rain has fallen in **New York City** thus far in August. Similar short-term shortages exist in the **northern Mississippi Delta region**, where little rain has fallen since the passage of Hurricane Erin's remnants in early August.

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 3.22 in. north; none to 3.03 in. central; 0.07 to 1.19 in. south. Temperatures 1° below normal to 6° above normal statewide. Lows 65 to 70° north, 67 to 74° central; 65 to 73° south. Highs 89 to 96° north, 90 to 97° central; 92 to 96° south.

Days suitable for fieldwork 6.1. Topsoil 13% very short, 49% short, 37% adequate, 1% surplus. Corn mature 83%, 69% 1994, 78% avg.; harvested 28%, 24% 1994, 33% avg.; 5% very poor, 16% poor, 45% fair, 32% good, 2% excellent. Sorghum turning color 45%, 41% 1994, 44% avg.; harvested 6%, 7% 1994, 11% avg.; 4% very poor, 23% poor, 43% fair, 30% good. Peanut 12% poor, 40% fair, 45% good, 3% excellent. Livestock 1% very poor, 12% poor, 64% fair, 20% good, 3% excellent. Activities: Harvesting corn, vegetables. Cultivating, spraying crops. General care of livestock, poultry, catfish.

ALASKA: Partly cloudy skies, occasional showers covered most of the State.

Days suitable for haying, grain harvest 1. Soil moisture 20% short, 80% adequate. Second crop hay harvest was 5% complete, compared to 10% 1994. Barley 5% swathed, 5% harvested compared to 5% swathed, 85% harvested 1994. Oat harvest was just beginning; 45% 1994 had been harvested. Commercial potato harvest continues for fresh market, seed.

ARIZONA: Temperatures 1° below to 4° above normal. Extremes 48°; 99° higher elevations; 62°; 112° deserts. Widespread precipitation again, all stations except Parker, Yuma; 0.05 to 2.77 in.

Monsoons continue; temperatures mostly above normal, aiding in cotton progression. Alfalfa 2% very poor, 2% poor, 23% fair, 49% good, 24% excellent. Harvest 9% light, 45% moderate, 11% active, 35% between cuttings. Melon crops continued to be harvested central areas. Cantaloupe, honeydew, watermelon available. Carrots, green onions also shipped by central growers. Tomatoes available eastern areas. Lemon harvest gaining momentum western citrus groves. Apple harvest steady eastern areas.

ARKANSAS: Temperatures 3 to 6° above normal with hot, dry conditions statewide. Extremes 50°; 105°. Precipitation none to 0.83 in.

Days suitable for fieldwork 7. Soil moisture 96% short, 4% adequate. Main farm activities: Applying insecticides, draining rice, irrigating crops, harvesting hay. Cotton fields continued to be sprayed for insects. Early rice harvest reported by White county. Producers in several counties were draining rice fields for harvest. Several counties reported corn, sorghum harvests. Lonoke county reported sorghum yield at 80 bushels per acre. Peach harvest was completed in Johnson county. Apple harvest ongoing in Faulkner county. Watermelon harvest continued in Hempstead county. High temperatures caused stress to poultry, livestock in several counties. Hay feeding was reported by several counties as pastures continued to suffer from heat stress. Hay harvest continued.

CALIFORNIA: Weak high pressure kept temperatures above normal. Subtropical moisture moved across region, mid week, producing heavy amounts rain, southeastern deserts. Little rain fell elsewhere. Cultivation, land preparation, harvested small grain fields. Cotton development, ranging from bloom to bolls opening, remained behind normal. Many fields irrigated. Beneficial insects used to relieve some aphid pressure. Lygus, mites, worms remained problem. Rice matured; most fields showed heads. Corn, dry beans, grain sorghum sprayed for insects, worms, weeds. Black eye beans harvested, some areas; still irrigated, others. Corn silage harvest, full swing, Tulare County. Overwintered sugar beets harvested, central, northern counties; new crop fields treated for worms. Safflower harvest active, Sacramento, San Joaquin valleys. Alfalfa, Sudan grass, cut for hay, green chopped. Seed alfalfa fields, Fresno County dried for harvest. Fruit cultural activities included: Irrigation, weed control, ground leveling, limb propping, summer pruning of harvested orchards. Grape growers fought mites, fungus. Raisin grape harvest began, Fresno County. Harvest, table grapes rapidly progressed, Fresno, Tulare, Kern counties. Good quality reported. Nectarine, peach, plum harvests slowed, central, southern regions. Yuba County peach crop quality, fair to poor. Prune harvest well underway. Sonoma County Gravenstein apple harvest, nearing completion; MacIntosh harvest beginning. Gala, Granny Smith apples harvested, San Joaquin Valley. Fresno County pomegranate harvest underway. Many almond trees shaken, light crop reported. Walnut orchards sprayed for pests; ground prepared for harvest. Lemon, grapefruit, Valencia orange harvests continued. Most Valencia oranges exported; rind decay, heavy grade-out. Navel oranges treated for red scale. Imperial Valley citrus, some infestations, mealy bugs. Broccoli, cauliflower harvested, Monterey, San Luis Obispo counties; planted, central valley. Cabbage planted, Fresno County. Planted fall carrots, Kern County. Celery harvested, Monterey, San Luis Obispo counties. Garlic harvest winding down, Kern County. Lettuce fields Monterey, San Luis Obispo counties harvested. Melons picked, Sacramento, San Joaquin valleys. Good quality reported. Onions harvested, San Joaquin Valley. Bell peppers, chili peppers harvested, desert areas, San Joaquin Valley. Sweet corn harvested, Sacramento, San Joaquin valleys, desert areas. Sweet potato harvest, Merced County began. Harvest fresh market tomatoes continued, Sacramento, San Joaquin valleys. Processing tomato harvest, full swing, San Joaquin, Sacramento valleys. Vineseed harvested, Sutter County. Imperial Valley ground prepared, fall vegetable planting. Other crops harvested: Oriental vegetables, cherry tomatoes, eggplant, gourds, green beans, green onions, okra, radishes, peas, squash, spinach, tomatillos, turnips, zucchini. Rangelands very dry; quantity, quality, feed declined. Ranchers increased supplemental feeding, heavily grazed pastures. Extreme fire hazard conditions. Water supplies, adequate. Fall calving continued, northern areas. Cattle, sheep, good condition.

COLORADO: Spotty heavy rains fell over the State for most of last week. Rainfall 1.00 to 3.00 in. occurred on the 21st in the Denver metro area. In the southeast plains, 1.00 to 3.00 in. fell on the 22nd. By the weekend, drier air moved into the area bringing warmer temperatures. For the week, temperatures were at or above normal.

Days suitable for fieldwork 6.1. Topsoil 29% very short 40% short, 30% adequate, 1% surplus. Subsoil 15% very short, 38% short 47% adequate. Spring wheat 98% turning color, 100% 1994, 94% avg.; 40% harvested, 84% 1994, 40% avg.; 6% poor, 22% fair, 54% good, 18% excellent. Spring barley 41% harvested, 72% 1994, 66% avg.; 1% very poor, 6% poor, 19% fair, 54% good, 20% excellent. Oats 85% turning color, 100% 1994, 92% avg.; 43% harvested, 81% 1994, 72% avg.; 6% poor, 20% fair, 62% good, 12% excellent. Corn 90% silked, 96% 1994, 95% avg.; 0% silage harvested, 5% 1994, 2% avg. Winter wheat 0% seeded, 3% 1994, 4% avg. Dry onions 18% harvested, 42% 1994, 32% avg.; 1% very poor, 2% poor, 11% fair, 56% good, 30% excellent. Sugar beets 2% very poor, 4% poor, 23% fair, 50% good, 21% excellent. Summer potatoes 21% harvested, 53% 1994, 44% avg.; 2% poor, 9% fair, 60% good, 29% excellent. Fall potatoes 7% poor, 23% fair, 52% good, 18% excellent. Dry beans 97% flowered, 96% 1994, 93% avg.; 0% cut, 29% 1994, 11% avg.; 2% poor, 18% fair, 63% good, 17% excellent. Alfalfa 92% 2nd cutting, 85% 1994, 77% avg.; 14% 3rd cutting, 29% 1994, 22% avg.; 1% very poor, 3% poor, 23% fair, 62% good, 11% excellent. Livestock mostly in good to excellent.

DELAWARE: Precipitation none in., normal 1.13 in. Temperature 76.3°, normal 74.4°. Extremes 60°; 92°. High temperatures in the upper 80s to low 90s. Lows in the 60s to about 70°.

Days suitable for fieldwork 7.0. Topsoil 59% very short, 41% short. Subsoil 67% very short, 31% short, 2% adequate. Corn 15% very poor, 34% poor, 38% fair, 13% good; 93% dough, 88% 1994, 84% avg.; 80% in dent, 47% 1994, 57% avg.; 18% mature, 2% 1994, 9% avg.; 46% harvested for silage, 22% 1994, 23% avg. Soybeans 23% very poor, 28% poor, 41% fair, 8% good; 91% bloomed, 92% 1994, 88% avg.; 70% setting pods, 56% 1994, 54% avg. Sorghum 34% very poor, 35% poor, 20% fair, 11% good; 89% headed, 92% 1994, 91% avg.; 8% turning color, 0% 1994, 12% avg. Other hay 75% 3rd cutting, 53% 1994, 50% avg. Alfalfa hay 98% 3rd cutting, 100% 1994, 89% avg.; 19% 4th cutting, 19% 1994, 9% avg. Cantaloupes 85% harvested, 93% 1994, 85% avg. Potatoes 89% harvested, 80% 1994, 75% avg. Sweet corn 90% harvested, 94% 1994, 85% avg. Tomatoes 84% harvested, 74% 1994, 71% avg. Watermelons 84% harvested, 67% 1994, 74% avg. Apples 20% fair, 80% good; 25% harvested, 23% 1994, 22% avg. Peaches 8% fair, 92% good; 80% harvested, 89% 1994, 89% avg. Hay supply mostly adequate. Vegetable harvest, haymaking. Severe drought pressure affecting crops.

FLORIDA: Temperatures 3 to 5° above normal Panhandle, 1 to 2° elsewhere. Lows: upper 60s extreme north, low 70s elsewhere. Highs: upper 90s western Panhandle, mid 90s elsewhere across State. Tropical Storm Jerry entered State at mid-week, moved slowly northeast across central, north of State. Heavy rain Peninsula, northeast at mid-week. Rainfall 3.00 to 6.00 common, local totals reached 15.00 in. south. Heavy rains caused considerable flooding, standing water in Peninsula.

Rain from Tropical Storm Jerry replenished topsoil, subsoil moisture supplies in drier localities such as Pasco, Suwannee counties; interrupted hay making, peanut digging. Tobacco harvest essentially completed with some still curing in barns. Most sugarcane in good condition. Heavy rain beat down young tomato transplants, Southwest with most to recover. Palmetto-Ruskin tomatoes in fair to good condition, growers hope to plant fall acreage by mid-September. East Coast reported no serious damage for tomatoes. Workers repaired some washouts in a few southeastern fields. Most northern crops escaped heavy rains. Rainfall interrupted field preparation, planting over southern Peninsula. Southwest producers planting tomatoes, eggplant, peppers, squash, plum tomatoes. Cucumbers, squash, peppers, cherry tomatoes, plum tomatoes fair to good in Palmetto-Ruskin, while watermelons, pumpkins are fair. Producers near St. Augustine prepared land for fall cabbage planting. Growers in Zellwood area planting as weather permits with harvest expected to begin about mid-October. Rain all citrus areas from Tropical Storm Jerry. Rainfall accumulations varied depending on location, most heavy amounts were recorded along both coasts. A few thousand boxes of grapefruit were shipped this week to start the 95-96 fruit season. Caretakers were active moving excessive water out of groves with very little other activity going on. Cattle fair 15%, good 75%, excellent 10%.

GEORGIA: Wet week as remains of tropical storm Jerry moved over State. Temperatures 2 to 6° above normal north, near normal elsewhere. Highs upper 80s mountains, middle 90s elsewhere. Lows middle 60s mountains, 70° remainder State. Rain 3 to 6 days over State. Rainfall 2.00 to 6.00 in. eastern half, 1.00 to 3.00 in. northwest, under 1.00 in. southwest. Areas in southeast had over 11.00 in. with local flooding.

Days suitable for fieldwork 5.1. Soil moisture 21% very short, 37% short, 35% adequate, 7% surplus. Scattered rains during week improved soil moisture conditions, did not hinder fieldwork in most areas. Lower temperatures benefitted crops. Heavy insect pressure on cotton, soybeans. Rains 26th, 27th expected to improved conditions most crops. Disease pressure in peanuts expected to increase due to rains. Corn 100% mature, 98% 1994, 98% avg.; 63% harvested for grain, 45% 1994, 47% avg. Cotton 1% harvested, 0% 1994, 0% avg. Hay 31% poor, 47% fair, 21% good, 1% excellent. Peanuts 6% poor, 70% fair, 24% good; 5% dug, 3% 1994, 2% avg.; 1% threshed, 0% 1994, 1% avg. Sorghum 9% poor, 73% fair, 18% good; 17% harvested for grain, 14% 1994, 9% avg. Soybeans 98% blooming, 98% 1994, 96% avg. Tobacco 11% poor, 69% fair, 20% good; 97% harvested, 97% 1994, 90% avg. Watermelons 99% harvested, 99% 1994, 99% avg. Vegetables 11% poor, 70% fair, 19% good. Apples 30% fair, 70% good; 22% harvested, 16% 1994, 31% avg. Pecans 5% poor, 82% fair, 13% good. Cattle 6% poor, 42% fair, 51% good, 1% excellent. Hogs 4% poor, 35% fair, 59% good, 2% excellent. Activities: Preparing for peanut and cotton harvest. Planting fall vegetables. Irrigating crops and spraying for insect and disease control. Cutting hay.

HAWAII: Showers generally light. Rains heavier, on 22nd, in some areas. Precipitation still confined mostly to windward, upper elevations. Trade winds were light to moderate. Temperatures high 60° to low 90°. Rainfall varied none to 7.40 in.

Sugarcane, pineapple harvesting active. Banana supplies moderate. Papaya production light. Irrigation remained heavy major vegetable-growing areas.

IDAHO: Temperatures 6° below normal to 10° above normal. Only northern stations reported below normal temperatures. Precipitation none to 0.04 in. north, none to 0.14 in. southwest, none to 0.62 in. south central, none to 0.76 in. southeast. Extremes 37 °; 101 °.

Days suitable for fieldwork 6.0. Topsoil 4% very short, 30% short, 66% adequate. Irrigation water supplies 3% fair, 62% good, 35% excellent. Alfalfa hay second cutting 79%, 94% 1994, 89% avg. Alfalfa hay third cutting 20%, 29% 1994, 23% avg. Dry beans harvested 2%, 16% 1994, 12% avg. Dry peas harvested 44%, 96% 1994, 81% avg. Hops harvested 6%, 18% 1994, 25% avg. Mint first cutting 79%, 99% 1994, 95% avg. Oats harvested 32%, 82% 1994, 62% avg. Onions harvested 5%, 17% 1994, 19% avg. Peaches harvested 43%, 71% 1994, 66% avg. Plums, prunes harvested 12%, 37% 1994, 43% avg. Potatoes turning 51%, 75% 1994, 60% avg. Potatoes vines dying/killed 15%, 39% 1994, 33% avg. Potatoes harvested 1%, 4% 1994, 3% avg.; 2% poor, 16% fair, 66% good, 16% excellent. Spring barley turning color 95%, 100% 1994, 95% avg.; harvested 35%, 83% 1994, 62% avg.; 6% poor, 12% fair, 62% good, 20% excellent. Spring wheat turning color 96%, 100% 1994, 94% avg. Winter wheat harvested 66%, 97% 1994, 75% avg.; 3% poor, 18% fair, 58% good, 21% excellent. Activities: Irrigating, fertilizing, applying pesticides, harvesting winter wheat, spring wheat, barley, dry peas, fruit, cutting mint, alfalfa, tilling small grain ground.

ILLINOIS: Temperatures 5 to 8° above normal. Highs mid 80s to 90. Lows generally in the low to mid 60s. Virtually no rain. In parts of the south, that extends the rain-free period to two weeks in a row.

Days suitable for fieldwork 6.7. Topsoil 2% very short, 29% short, 68% adequate, 1% surplus. Corn crop continued to mature rapidly due to hot, dry weather conditions last week. Reduced humidity has helped to ease livestock stress, rain is now needed across the State especially for the late-planted crops. Shortage of soil moisture is becoming more widespread, causing some concerns statewide. Corn 3% mature, 3% 1994, 10% avg. Soybeans 1% turning yellow, 13% 1994, 13% avg. Alfalfa 52% third cutting, 72% 1994, 59% avg.

INDIANA: High temperatures in the mid 80s to near 90° were still above normal across the State this week. These readings exceed normal by 2 to 4° in much of the State, even more in a few locations. Low temperatures, generally in the 60s, exceeded normal by nearly as much. At the extremes, temperatures 94° Lafayette, Evansville to 50° Butlerville. These above normal temperatures produced base 50 growing degree day totals of 160 to 190. That pushes season totals, from April 1st, to over 2400 in the north, to over 3000 in parts of the south. Virtually no rain was reported this week. That leaves totals for the past two weeks at zero in a few cases. Two week totals are still under 0.50 in. in much of the State.

Days suitable for fieldwork 6.6. Topsoil 15% very short, 39% short, 45% adequate, 1% surplus. Subsoil 7% very short, 34% short, 57%

adequate, 2% surplus. Alfalfa third cutting continues. Harvesting of tobacco continues in southern areas. Activities: Cleaning grain bins, baling hay, mowing fence rows, preparing equipment for the fall harvest.

IOWA: Hot, dry. Temperatures 6 to 8° above normal. Extremes 54° 22nd; 97° 27th. Thundershowers widespread west 22nd; isolated northwest, 26th. No rain east one-half, maximum 1.67 in. at Oakland (southwest). State rainfall 0.14 in. (normal 0.93 in.); driest week in 22 weeks.

Days suitable for fieldwork 6.5. Lack of moisture across the State is reaching a critical point. Soil in some areas is as dry as powder to depth of several inches, large cracks developing in the ground. Lack of moisture is taking toll on crops, producers fear that yield losses could mount daily if rain not received soon. Corn, soybeans showing moderate to severe signs of stress with some irreversible damage occurring because of dry conditions in isolated areas. Topsoil very short 9%, short 35%, adequate 55%, surplus 1%. Subsoil very short 5%, short 26%, adequate 67%, surplus 2%. Corn in or past milk stage 93%, 100% 1994, 89% avg. Soybeans leaves turning color 3%, 11% 1994, 5% avg. All hay 2% very poor, 11% poor, 32% fair, 50% good, 5% excellent; alfalfa hay second cutting 96%, 100% 1994, 97% avg.; third cutting 30%, 58% 1994, 42% avg. Clover hay second cutting 86%, 90% 1994, 84% avg. Livestock continue to be affected adversely by hot, dry weather. Livestock feed consumption low due to heat stress which is slowing weight gain. Flies, pinkeye remain problem for cattle. Pastures drying up, becoming dormant; consequently, cattle being provided with supplemental feed.

KANSAS: Temperatures were near normal over the State. Precipitation was light across the entire State.

Days suitable for fieldwork 6.5. Hot, dry weather persisted across the State the past week. Many areas are short on topsoil moisture especially in the west. Topsoil 6% very short, 47% short, 46% adequate, 1% surplus. Subsurface moisture 4% very short, 22% short, 73% adequate, 1% percent surplus. Fall crops remain well behind normal progress. Corn mature is 2%, 19% 1994, 24%, avg. Spider mites, cornborer infestations are reported mostly in the western, south central districts. Gray leaf spot is reported in the northeast, south central areas. Fall armyworm infestations are reported in eastern sorghum fields. Hot, humid weather continues to stress livestock. Alfalfa cut the third time 95%, 100% 1994, 90% avg. Cut the fourth time 16%, 36% 1994, 21% avg.

KENTUCKY: Temperatures upper 80s lower 90s, 4° above normal. Most locations received little or no rainfall.

Days suitable fieldwork 5.9. Topsoil 23% very short, 40% short, 36% adequate, 1% surplus. Subsoil short to adequate. Hot, dry weather stressed pastures, late seeded crops. Tobacco 2% very poor, 12% poor, 34% fair, 45% good, 7% excellent. Burley 32% cut. Most curing well. Early tobacco has some sun scald. Dark tobacco 55% cut. Pastures drying up. Late seeded crops need rain.

LOUISIANA: Temperatures 1 to 5° above normal. Extremes 69°; 105° Rainfall 0.06 in. northeast, north central to 1.45 in. east central.

Days suitable for fieldwork 5.2. Soil moisture 7% very short, 28% short, 49% adequate, 16% surplus. Corn 3% very poor, 11% poor, 30% fair, 54% good, 2% excellent; 100% mature, 99% 1994, 98% avg.; 74% harvested, 57% 1994, 65% avg. Corn harvest began to wind down in the northern part of the State. Cotton 0% harvested, 0% 1994, 0% avg. Cotton growers continued to deal with increasing insect populations. Hay 78% second cutting, 51% 1994, 52% avg. Rice 79% ripe, 70% 1994, 72% avg.; harvest continued. Sorghum 54% ripe, 61% 1994, 64% avg.; 16% harvested, 29% 1994, 35% avg. Grain sorghum harvest continued. Soybeans 99% blooming, 98% 1994, 94% avg.; 15% coloring, 6% 1994, 11% avg. Soybean growers took measures to control aerial blight, other diseases. Sugarcane 18% fair, 68% good, 14% excellent; 8% planted, 22% 1994, 13% avg. Sugarcane planting was delayed while farmers waited for fields to dry. Sweet potatoes 21% fair, 73% good, 6% excellent; 4% harvested, 23% 1994, 20% avg. Vegetables 5% very poor, 22% poor, 39% fair, 34% good. Vegetable producers remained active preparing for fall planting. Livestock 5% poor, 27% fair, 61% good, 7% excellent. Livestock producers became concerned about their animals as pastures continued to suffer.

MARYLAND: Precipitation none in., normal 1.03 in. Temperature 76.1°, normal 74.3°. Extremes 49°; 96°. Low temperatures low 50s to upper 60s. Highs were mainly in the low 80s to mid 90s.

Days suitable for fieldwork 6.8. Topsoil 45% very short, 46% short, 9% adequate. Subsoil 31% very short, 54% short, 15% adequate. Corn 10% very poor, 25% poor, 36% fair, 26% good; 3% excellent; 76% dough, 78% 1994, 75% avg.; 52% dented, 41% 1994, 47% avg.; 15% mature, 6% 1994, 11% avg.; 12% silage harvested, 2% 1994, 13% avg. Soybeans 10% very poor, 34% poor, 33% fair, 19% good, 4% excellent; 90% bloomed, 93% 1994, 89% avg.; 74% setting pods, 69% 1994, 68% avg.; 6% turned, 0% 1994, 4% avg. Sorghum 8% very poor, 33% poor, 38% fair, 19% good, 2% excellent; 90% headed, 100% 1994, 95% avg.; 15% turning color, 1% 1994, 21% avg. Tobacco 22% poor, 53% fair, 16% good, 9% excellent; 94% topped, 79% 1994, 76% avg.; 62% harvested, 31% 1994, 34% avg. Other hay 96% 2nd cutting, 86% 1994, 85% avg.; 34% 3rd cutting, 48% 1994, 29% avg. Alfalfa hay 90% 3rd cutting, 93% 1994, 84% avg.; 14% 4th cutting, 18% 1994, 15% avg. Cantaloupes 78% harvested, 93% 1994, 88% avg. Potatoes 83% harvested, 98% 1994, 92% avg. Sweet corn 70% harvested, 86% 1994, 84% avg. Tomatoes 69% harvested, 84% 1994, 80% avg. Watermelons 79% harvested, 87% 1994, 84% avg. Apples 2% very poor, 4% poor, 53% fair, 41% good; 10% harvested, 15% 1994, 17% avg. Peaches 2% poor, 15% fair, 67% good, 16% excellent; 73% harvested, 89% 1994, 80% avg. Hay supplies mostly adequate. Activities: Harvesting of vegetables, haymaking. Many areas need rain, crops stressed due to dry conditions.

MICHIGAN: Extremes 45°; 89°. Precipitation none to 2.55 in. across the State. Temperatures were above normal with light precipitation. Cooler weather was welcomed.

Days suitable for fieldwork 6.0. Hay harvest advanced with drier conditions. Corn crop is excellent. Topsoil 2% very short, 14% short, 78% adequate, 6% surplus. Subsoil 3% very short, 17% short, 76% adequate, 4% surplus. Corn in milk, 99%, 92% 1994, 83% avg. Drybeans setting pods 100%, 90% 1994, 84% avg.; turning leaves 60%, 10% 1994, 30% avg.; shedding 7%, N/A 1994, N/A avg.; 1% very poor, 4% poor, 22% fair, 54% good, 19% excellent. Soybeans turning leaves 10%, 10% 1994, 7% avg. All hay, second cutting 90%, 84% 1994, 85% avg.; third cutting 29%, 24% 1994, 29% avg.; 2% very poor, 3% poor, 21% fair, 54% good, 20% excellent. Potatoes harvested 45%, 45% 1994, 37% avg. Oats, harvested 90%, 79% 1994, 79% avg.

MINNESOTA: Temperatures 1 to 4° above normal for the northern one-third of State, 4 to 6° above normal for the central part, 5 to 8° above normal for the southern part of State. Extremes 46°; 92°. Precipitation 0.92 to 2.07 in. above normal for the northern one third of the State, 0.74 to 1 89 in. above normal central part of the State, 0.06 to 0.74 in. above normal for the southern part of the State. Greatest weekly total 3.82 in.

Days suitable for fieldwork 4.7. Topsoil 1% very short, 7% short, 71% adequate, 21% surplus. Spring wheat harvested 65%, 53% 1994, 59% avg. Oats harvested 81%, 97% 1994, 88% avg. Barley harvested 63%, 79% 1994, 76% avg. Corn in milk 97%, 99% 1994, 86% avg.; in dough 63, 83% 1994, 61% avg.; denting 21%, 33% 1994, 18% avg. Soybean 97% setting pods, 99% 1994, 95% avg.; turning yellow 3%, 14% 1994, 11% avg. Winter Wheat harvested 76%, 90% 1994, 92% avg. Rye harvested 88%, 98% 1994, 95% avg. Sweet corn harvested for processing 45%, 59% 1994, 45% avg.

MISSISSIPPI: Temperatures 3° above normal. Extremes 61°; 100°. Soil temperatures 88°. Precipitation 0.39 in., 0.33 in. below normal. Rainfall was minimal.

Days suitable for fieldwork 5.8. Soil moisture 14% very short, 40% short, 44% adequate, 2% surplus. Corn 100% dent, 98% 1994, 83% avg.; 84% mature, 72% 1994, 67% avg.; 31% harvested 13% 1994, 18% avg.; 72% silage harvested, 70% 1994, 71% avg.; 4% poor, 26% fair, 56% good, 14% excellent. Soybeans 100% blooming, 98% 1994, 94% avg.; 90% setting pods, 90% 1994, 75% avg.; 28% turning color, 20% 1994, 13% avg.; 8% shedding leaves, 7% 1994, 3% avg.; 3% very poor, 9% poor, 23% fair, 52% good, 13% excellent. Hay 90% harvested warm, NA 1994, NA avg.; 4% very poor, 13% poor, 41% fair, 35% good, 7% excellent. Peaches 100% harvested, 100% 1994, 100% avg. Peanuts 3% poor, 9% fair, 41% good, 47% excellent. Sweet potatoes 10% harvested, 27% 1994, 18% avg.; 4% poor, 30% fair, 66% good. Watermelons 95% harvested, 95% 1994, 97% avg.; 1% very poor, 47% poor, 30% fair, 21% good, 1% excellent. Cattle rated 2% very poor, 8% poor, 29% fair, 48% good, 13% excellent. Main farming activities: Controlling insects in crops; harvesting corn, corn silage, rice, sorghum, sorghum silage, hay. Main concern in most counties is worm infestation in cotton. Worms are beginning to move into soybeans, forage crops. Producers are hoping that worm damage will not be as severe in these crops. Cattle producers are breaking grounds for planting of winter pastures.

MISSOURI: Temperatures above normal across the State, ranging from 2° above normal at Kansas City, to 5° above normal at Kirksville, Nevada. No precipitation was recorded across the entire State.

Days suitable for fieldwork 6.7. Topsoil 16% very short, 39% short, 44% adequate, 1% surplus. Subsoil 7% very short, 29% short, 61% adequate, 3% surplus. The majority of State row crops remain in fair to good condition across the State, reporters indicate that rainfall is needed. Ninety-seven percent of the corn has reached the silking stage. Silking progress is complete or very nearly complete throughout State except for the northeast district which reports 91% silked. Dough stage development is least advanced in the northeast, where 43% is reported in this stage, while virtually all of the south-central, southeast districts have reached this stage. Corn in dent stage varies from 100% southeast, 59% south central to 33% or less remainder of State. Soybean pod setting progress ranges from 42% southwest to 75% south central. Sorghum heading is most advanced in the south central, southeast districts, where 100% has headed, while the remainder of the State varies from around 55 to 75%. Sorghum coloring most advanced in the south central, southeast districts, which report 51%, 61%, respectively. Approximately 10 to 15% of sorghum is turning color throughout the remainder of State. Alfalfa third cutting 71%, 89% 1994, 73% avg.

MONTANA: Temperatures at or above normal across the State. Precipitation associated with showers was above normal for this period. Northeast, southeast showed the lowest percent of normal for the State.

Days suitable for fieldwork 5.9. Topsoil 10% very short, 28% short, 58% adequate, 4% surplus. Subsoil 12% very short, 26% short, 57% adequate, 5% surplus. Winter wheat 96% ripe, 100% 1994, 95% avg. Spring wheat 94% turning, 100% 1994, 94% avg. Spring wheat 67% ripe, 92% 1994, 73% avg. Barley 1% very poor, 2% poor, 21% fair, 55% good, 21% excellent; 93% turning, 100% 1994, 95% avg.; 62% ripe, 91% 1994, 76% avg.; 32% harvested, 67% 1994, 47% avg. Oats 2% very poor, 4% poor, 26% fair, 57% good, 11% excellent; 95% turning, 100% 1994, 93% avg.; 73% ripe, 92% 1994, 73% avg.; 39% harvested, 66% 1994, 47% avg. Dry beans 5% harvested, 9% 1994, 4% avg. Corn for silage 2% harvested, 4% 1994, 4% avg. Second cutting alfalfa hay 54%, 84% 1994, 67% avg. First cutting other hay 96%, 95% 1994, 88% avg.

NEBRASKA: Temperatures 6 to 11° above normals. Precipitation none to 0.10 in. the southeast, up to 5.00 to 8.00 in. northeast. Elsewhere, amounts ranged from a few tenths up to an 1.00 in. of precipitation.

Days suitable for fieldwork 5.9. Topsoil 16% very short, 48% short, 32% adequate, 4% surplus. Subsoil 8% very short, 50% short, 41% adequate, 1% surplus. Dry beans 99% podded, 100% last year. Above normal temperatures promoted rapid crop development last week, but corn remains near two weeks behind average. Heavy rainfall in the northeast district boosted dryland soybean prospects, may have come two late for significant improvements to dryland corn. Corn heavy infestations of corn borer were reported in many areas, rootworm beetles are also a concern. The warm weather conditions continued to limit cattle, hog weight gains last week.

NEVADA: Although the week began with clear skies, moisture from Arizona caused rain showers during much of the period. Flash flood watches were common, a flash flood warning was issued for the extreme south on the 24th when a half inch of rain fell over Laughlin, Searchlight. All divisions recorded some precipitation with the northeast recording the most at 0.55 in. Temperatures 2 to 3° above normal in all divisions. Station averages 9° above normal at Fallon to 3° below normal at Pahrump. Extremes 22° Mountain City; 112° Laughlin.

Fieldwork was in full swing as fall approaches. Small grain continued in swing in the northern producing areas, was nearly complete in central areas. Winter wheat harvest was almost complete. Spring wheat, barley, oats harvests were approaching completion central areas, were in full swing north. Lower than normal bushel weights, yields were reported in the Lovelock area. Third crop alfalfa was in very good condition with harvest commencing in the north. Fifth crop haying continued extreme south. Haying of grasses continued in some northern areas. Sudan was being hayed in the extreme south. Harvest of seed garlic continued. Onions remained in good condition. Potato digging was beginning in the north with the crop in generally good condition. Field preparation for fall planting underway south; some alfalfa seeding was underway north. Main farm and ranch activities: Haying, grain harvest, garlic harvest, preparation for fall planting, irrigating, weed, insect control, working livestock.

NEW ENGLAND: Precipitation none to 0.78 in. north, none to 0.05 in. south. Temperatures 61 to 68° north, 63 to 73° south. Maximum temperatures 74 to 92° north, 79 to 97° south. Minimum temperatures 35 to 53° north, 38 to 56° south.

Days suitable for fieldwork 6.8. Topsoil 28% very short, 30% short, 42% adequate. Subsoil 20% very short, 34% short, 46% adequate. Maine potatoes 10% harvested, <5% 1994, <5% avg., condition fair/good. Rhode Island potatoes 25% harvested, 25% 1994, 25% avg., condition good. CT River Valley potatoes 30% harvested, 30% 1994, 25% avg., condition good/fair. Maine oats 75% harvested, 55% 1994, 25% avg, condition good/fair. Maine barley 80% harvested, condition good/fair. Field corn <5% harvested, <5% 1994, <5% avg., condition good. Sweet corn, 70% harvested, 70% 1994, 65% avg., condition good/fair. Shade tobacco 90% harvested, 75% 1994, condition good. Outdoor tobacco 85% harvested 1994, condition good/fair. First hay crop 99% harvested 1994, 100% avg., condition good/excellent. Second cut hay 80% harvested, 75% 1994, 70% avg., condition good/fair. Third cut hay 25% harvested, 35% 1994, 25% avg, condition good. Apples set avg., size avg., 20% harvested, condition good. Peaches set avg., size avg., 80% harvested, 55% 1994, condition good. Pears set avg., size avg., 30% harvested, 20% 1994, condition good. Cranberries set above avg., size avg., condition excellent. Highbush blueberries set avg., size avg, 80% harvested, 90% 1994, condition good. Wild Blueberries size below avg., 90% harvested, 80% 1994, condition good/fair. Major farm activities: Harvesting field crops, baling, chopping hay, curing tobacco, harvesting fruits, vegetables, preparing equipment for silage corn, potato harvest. Extremely dry--crops need rain.

NEW JERSEY: Temperatures above normal. Extremes 41o; 97o. Rainfall none in. North, 0.26 in. Central, none in. South. Heaviest 24 hour total 0.74 in. on the 27th to 28th. Estimated soil moisture, in percent of field capacity, averaged 63% north, 43% central, 26% south.

Days suitable for fieldwork 7. Topsoil moisture reported as short. Good volume of eggplant, pickles, peppers, squash, cucumbers, tomatoes, sweet corn. Moderate supply of green beans, cabbage. Limited volume of herbs, parsley, leeks, spinach, watermelon, cantaloupe, escarole. The condition of the corn, soybean crops is declining due to heat stress, a lack of moisture. Third cuttings of hay are limited by a lack of regrowth. Peach harvest is at its peak as the supply of the crop remains good. The volume of apples is reported as light as harvesting of early season varieties continues.

NEW MEXICO: Temperatures 3° above normal for the State. Extremes 45° Quemado Lake; 99° Carlsbad. Most of the rain fell over the west, with the southeast plains, east central plains remaining dry. Greatest rainfall total was 1.65 in. at Animas. Grants, Santa Fe, Las Vegas, Truth or Consequences, Moriarty all measured over 0.75 in. of rain.

Days suitable for fieldwork 6.3. Soil moisture 26% very short, 46% short, 28% adequate. Alfalfa 26% fair, 69% good, 5% excellent. Corn 3% poor, 20% fair, 72% good, 5% excellent. Cotton 37% fair, 42% good, 21% excellent; 100% setting bolls, 100% 1994, 99% avg. Sorghum 40% very poor, 20% poor, 19% fair, 20% good, 1% excellent; 45% headed, 80% 1994, 82% avg; 4% coloring, 17% 1994, 16% avg. Chile 3% very poor, 7% poor, 30% fair, 45% good, 15% excellent. Onions 91% good, 9% excellent. Pecans 5% very poor, 8% poor, 18% fair, 54% good, 15% excellent. Apples 3% very poor, 10% poor, 22% fair, 62% good, 3% excellent. Cattle 2% very poor, 12% poor, 56% fair, 24% good, 6% excellent. Sheep 3% very poor, 13% poor, 54% fair, 27% good, 3% excellent.

NEW YORK: Conditions remain very dry. No significant rainfall. Temperatures very warm at the start, cooled down by the middle of the week.

Days suitable for fieldwork 7.0. Soil moisture 50% very short, 25% short, 25% adequate. Corn 50% fair, 50% good. Early planted corn beginning to dent. Hay is 33% poor, 33% fair, 34% good. Alfalfa second cutting 98% done, 90% 1994, 87% avg. Third cutting 39% done, 53% 1994, 34% avg. Early potato harvest continues. Vegetable harvest in full swing. Beans are nearing maturity. Early apple, pear varieties are being picked.

NORTH CAROLINA: Crop conditions are showing signs of stress as another week of dry weather was experienced across the State. Weekend did provide heavy rains to many parts of the State, runoff, advanced stages of crop development will probably result in little improvement to overall condition. Temperature 78°, 3° above normal. Extremes 58°; 95°. Statewide precipitation 0.57 in., 0.69 in. below normal.

Days suitable for fieldwork 6.4. Soil moisture 38% very short, 48% short, 14% adequate. Flue-cured tobacco 69% harvested, 49% 1994, 54% avg. Burley tobacco 7% harvested, 13% 1994, 11% avg. Corn 43% cut for silage, 41% 1994, 42% avg. Corn 13% harvested for grain, 6% 1994, 7% avg. Sorghum 8% harvested, 10% 1994, 9% avg. Corn 79% mature, 65% 1994, 66% avg. Soybeans 88% blooming, 84% 1994, 81% avg. Crop conditions continue to decline. Apples 4% poor, 28% fair, 60% good, 8% excellent; truck crops 29% very poor, 17% poor, 26% fair, 27% good, 1% excellent; peanuts 2% very poor, 11% poor, 61% fair, 25% good, 1% excellent; sorghum 1% very poor, 2% poor, 55% fair, 41% good, 1% excellent; sweet potatoes 7% very poor, 10% poor, 26% fair, 55% good, 2% excellent; hay 12% poor, 57% fair, 28% good, 3% excellent; tobacco in fields 4% very poor, 16% poor, 43% fair, 35% good, 2% excellent; hay, roughage supplies 3% very short, 16% short, 69% adequate, 12% surplus. Activities: Harvesting, marketing flue-cured tobacco; harvesting vegetables; harvesting burley tobacco; cutting silage; spraying crops; cutting hay; harvesting corn, sorghum; tending livestock; repairing equipment, general farm maintenance.

NORTH DAKOTA: First half of the week was hot, humid followed by a series of cold fronts that cooled temperatures, produced large amounts of rain. Temperatures 1° above normal northeast to 6° above normal southwest, south central. Extremes 41° southwest; 100° south central. Precipitation 0.69 in. north central to 1.93 in. east central.

Days suitable for fieldwork 4. Soil moisture supplies above average. Topsoil 1% very short, 14% short, 76% adequate, 9% surplus. Subsoil 12% short, 79% adequate, 9% surplus. Due to rain, high humidity small grain harvest continued behind last year and average. Durum 15% combined; 28% 1994; 37% avg.; barley 46%; 80% 1994; 76% avg.; oats 41%; 72% 1994; 67% avg. Late season crops advanced rapidly early in the week, continued above average. Flaxseed 74% turning and beyond; 84% 1994; 80% avg.; sunflowers 11% bracts turned yellow and beyond; 15% 1994; 14% avg.; potatoes 5% dug; 4% 1994; 3% avg.; corn for grain 47% denting and beyond; 28% 1994; 24% avg.; dry edible beans 45% mature leaves dropping and beyond; 41% 1994, 38% avg.; soybeans 8% mature leaves dropping and beyond; 1% 1994; 6% avg. Crop condition: Durum wheat 4% very poor, 10% poor, 28% fair, 54% good, 4% excellent; barley 1%, 9%, 31%, 53%, 6%; oats 1%, 8%, 35%, 51%, 5%; flaxseed 1%, 4%, 30%, 56%, 9%; corn for grain 0%, 1%, 14%, 70%, 15%; corn for silage 1%, 2%, 24%, 63%, 10%; dry edible beans 1%, 3%, 19%, 60%, 17%; soybeans 2%, 6%, 27%, 55%, 10%; sunflower 1%, 4%, 15%, 62%, 18%; sugar beets 0%, 2%, 10%, 67%, 21%; potatoes 0%, 0%, 5%, 65%, 30%

OHIO: Conditions changed little as a broad dome of high pressure dominated much of the nation. This ridge resulted in seasonably mild, dry conditions. Temperatures 70 to 76, 1 to 5° above normal. Maximums varied from the low to upper 80s with mean minimum readings from the upper 50s to mid 60s. With the exception of a few locations where rainfall of 1/4 in. or less was noted, no precipitation was received.

Days suitable for fieldwork 6.7. Topsoil 2% very short, 20% short, 75% adequate, 3% surplus. Alfalfa hay second cutting 98% complete, third cutting 44%. Other hay second cutting 82% complete, third cutting 18%. Hay 1% very poor, 4% poor, 28% fair, 50% good, 17% excellent. Hay drying quickened by lower humidities. Tobacco harvest in progress. Some resurgence of blue mold. Livestock stress markedly decreased with moderating temperatures.

OKLAHOMA: Temperatures 0.9° above normal southeast to 5.7° above normal northeast. No precipitation was reported statewide.

Days suitable for fieldwork 6.8. Topsoil 13% very short, 54% short, 33% adequate. Subsoil 8% very short, 38% short, 52% adequate, 2% surplus. Wheat 57% seedbed prepared, 60% 1994, 60% avg.; 6% planted, 5% 1994, 3% avg.; corn 19% mature, 32% 1994, 50% avg.; 1% harvested, 11% 1994, 10% avg. Sorghum 5% mature, 6% 1994, 5% avg. Soybeans 83% flowering, 93% 1994, 83% avg.; 50% setting pods, 78% 1994, 55% avg.; 4% mature, 26% 1994, 9% avg. Peanuts 9% poor, 26% fair, 59% good, 6% excellent; 89% setting pods, 94% 1994, 86% avg. Alfalfa 2% poor, 32% fair, 64% good, 2% excellent; 45% 4th cutting, 67% 1994, 47% avg.; 2% 5th cutting, 5% 1994, 2% avg. Livestock 1% poor, 19% fair, 74% good, 6% excellent. Feeder steers, heifers steady to $1.00/cwt lower.

OREGON: Temperatures mostly normal statewide, 3° above normal to 2° below normal. Highs in 90s statewide, except the coast 70s. Lows in 30s some eastern locations. Precipitation dry trace amounts, statewide.

Days suitable for fieldwork 6.9. Topsoil 17% very short, 26% short, 57% adequate. Subsoil 15% very short, 16% short, 69% adequate. All barley harvested 58%. Grain harvest winding down statewide, continued higher elevations. Some early winter wheat seeding Mid Columbia region. Klamath Basin winter wheat & barley harvest underway. Willamette Valley mint harvest nearly complete, sugar beet seed, hops, red clover harvest underway, haying continued (third & fourth cuttings), grass seed field burning underway, grass seed straw removal continued, plowing, discing grass seed, sweet corn, broccoli, cabbage, squash, table beets harvests continued, green bean harvest

winding down, early planted onions tops down, Evergreen blackberry picking continued, blueberry harvest mostly complete, berry field cleaned up continued, new plantings of strawberries underway, hazelnuts, walnuts sizing crop good. Bartlett pear, Gravenstein apple harvest nearly completed. Cranberry fruit size, crop very mixed, southern coast. Willamette Valley nursery industry: Irrigating continued, fall planting preparations, herbicide applications underway, some early burlap, ball digging underway, Christmas tree sales good, some sold out early. Livestock good to excellent condition. Summer range, pasture conditions quite varied, central sections poor, northern, northeastern sections good to excellent. Supplemental feeding underway, Willamette Valley. Grasshopper damage on unirrigated pastures, southern coast.

PENNSYLVANIA: Temperature 68°. Extremes 43°; 95°.

Days suitable for fieldwork 6.6. Soil moisture 53% very short, 38% short, 9% adequate. Ensilage corn 4% harvested, 1% 1994, 4% avg. Soybeans 5% very poor, 9% poor, 34% fair, 39% good, 13% excellent. Oats 93% harvested, 90% 1994, 91% avg. Tobacco 48% harvested; 29% 1994, 22% avg. Potato harvest 20% complete, 29% 1994, 27% avg. Alfalfa 2nd cutting 88% complete, 93% 1994, 92% avg. Alfalfa 3rd cutting 52% complete, 54% 1994, 51% avg. Alfalfa 4th cutting 8% complete, 20% 1994, 13% avg. Timothy clover 2nd cutting 67% complete, 72% 1994, 73% avg. Quality of hay made 3% very poor, 5% poor, 25% fair, 44% good, 23% excellent. Apples 13% harvested, 21% 1994, 19% avg. Peaches 78% harvested, N/A 1994, 65% avg. Grapes 12% harvested, 9% 1994, 14% avg. Fall plowing 14% complete, 23% 1994, 19% avg. Activities: Harvesting oats, corn silage, potatoes; making hay; baling straw; cutting haylage; filling silos; fixing fences; machinery maintenance; hauling manure; caring for livestock.

PUERTO RICO: No weather data available.

SOUTH CAROLINA: Temperatures 1° above normal with a maximum of 95°, minimum of 63°. Rainfall 6.90 in.

Days suitable for fieldwork 4.52. Soil moisture 43% adequate, 57% surplus. Corn 98% mature, 98% 1994, 93% avg.; 39% harvested, 42% 1994, 37% avg.; 1% poor, 60% fair, 33% good, 6% excellent. Sorghum 17% harvested, 22% 1994, 24% avg.; 7% poor, 52% fair, 41% good. Peanuts 10% harvested, 3% 1994, 4% avg.; 23% fair, 77% good. Sweet potatoes 4% harvested, 4% 1994, 11% avg.; 65% fair, 35% good. Tobacco 78% harvested, 82% 1994, 74% avg.; 19% stalks destroyed, 25% 1994, 15% avg.; 3% poor, 62% fair, 35% good. Peaches 97% harvested, 98% 1994, 94% avg.; 26% fair, 74% good. Apples 16% harvested, 19% 1994, 22% avg.; 10% fair, 90% good. Pecan 11% poor, 56% fair, 33% good. Grapes 13% poor, 50% fair, 37% good. Watermelons 99% harvested, 95% 1994, 97% avg.; 2% poor, 78% fair, 20% good. Cantaloupes 98% harvested, 93% 1994, 92% avg.; 5% poor, 95% fair. Livestock condition 3% poor, 25% fair, 72% good.

SOUTH DAKOTA: Temperatures generally 5 to 10° above normal. Extremes 48°; 102°. Most stations reported some precipitation with some stronger thunderstorms producing around 2.00 in. of rain in the central, southeast, along the north central border. Heaviest precipitation 2.29 in. Lemmon and 2.28 in. Pickstown.

Days suitable for fieldwork 5.6. Topsoil 15% very short, 26% short, 48% adequate, 11% surplus. Subsoil 6% very short, 22% short, 57% adequate, 15% surplus. Barley 99% swathed, 100% 1994, 96% avg.; 96% harvested, 99% 1994, 95% avg. Oats 99% swathed, 100% 1994, 97% avg.; 97% harvested, 100% 1994, 96% avg. Flax 64% ripe, 62% 1994, 71% avg.; 41% swathed, 50% 1994, 50% avg.; 23% harvested, 30% 1994, 36% avg. Flax 1% poor, 18% fair, 80% good, 1% excellent. Corn 97% silked, 100% 1994, 99% avg. Soybeans 99% blooming, 100% 1994, 97% avg. Sorghum 1% mature, 1% 1994, 2% avg. Sunflowers 96% bloomed, 100% 1994, 95% avg.; 38% ray flowers dry, 76% 1994, 50% avg.; 16% bracts yellow, 52% 1994, 27% avg. Sunflower 1% poor, 22% fair, 52% good, 25% excellent. Winter wheat 1% seeded, 0% 1994, 1% avg. Winter rye 1% seeded, 0% 1994, 2% avg. Hot days, warm nights, high humidity helped row crops make up for late planting; however, the first freeze will still be the deciding factor with most areas needing at least a normal to late freeze to allow crops to mature. Second cutting alfalfa 88% complete, 73% 1994, 80% avg. Other hay 86% harvested, 77% 1994, 83% avg. Livestock 2% poor, 8% fair, 78% good, 12% excellent. Stockwater supplies 1% very short, 4% short, 83% adequate, 12% surplus.

TENNESSEE: Temperatures 1° below normal to 4° above normal. Extremes 66°; 94°.

Days suitable for fieldwork 6.0. Topsoil 8% very short, 40% short, 51% adequate, 1% surplus. Subsoil 7% very short, 36% short, 57% adequate. Corn 3% poor, 13% fair, 55% good, 29% excellent; 91% dent, 73% 1994, 71% avg.; 46% mature, 19% 1994, 23% avg. Grain 4% harvested, 0%, 1994 1%, avg.; 66% silage harvested, 29% 1994, 23% avg. Cotton 1% poor, 22% fair, 60% good, 17% excellent; 8% open bolls, 8%, 1994, 11% avg. Sorghum 12% fair, 59% good, 29% excellent; 75% turning color, 69% 1994, 61% avg.; 28% mature, 19% 1994, 15% avg.; 1% harvested, 1%, 1994, 1% avg. Tobacco 5% very poor, 15% poor, 44% fair, 34% good, 2% excellent; 85% topped, 94% 1994, 89% avg.; 39% burley harvested, 38% 1994, 35% avg.; air cured 58% harvested, 44% 1994, 32% avg.; 44% dark aired harvested, 43% 1994, 35% avg. Soybeans 1% poor, 17% fair, 57% good, 25% excellent; 96% blooming, 94% 1994, 90% avg.; 78% setting pods, 60% 1994, 63% avg.; 3% dropping leaves; 3% 1994, 1% avg.

TEXAS: Much of the southern half of the State reported some significant rainfall over the week of August although most of northern, western sections were nearly dry. District averages between one and two inches were common over East, South, Coastal, Lower Valley districts while little to no rainfall was reported over Plains, Cross Timbers, Trans-Pecos. Weekly averages were above normal in east, south and below normal elsewhere. Temperatures generally averaged within 2° of normal although averages up to 5° above normal were reported in northern High Plains, Northeast, Blacklands districts. Soil temperature averages continued to be quite warm, 78° in Bushland to 92° San Angelo, Stephenville. Highest maximum was recorded at Beaumont, Lavon Dam at 102° while coolest reading was reported at Bushland with a low of 69°.

Crops: Small grains planting got underway on a limited basis in the Plains, however most producers were waiting for more moisture before beginning. Land preparations, fertilizer applications continued in many areas. 2% planted, 5% 1994, 3% avg. Corn hot temperatures in Plains increased maturity. Most fields continued to show good progress, irrigation was constant. Irrigation was winding down in a few areas where harvest was nearing. In Central Texas, Blacklands harvest activity continued. Harvest was delayed along Upper Coast due to scattered showers. Statewide condition was rated at 87% normal, 86% 1994; 62% mature, 59% 1994, 60% avg.; 52% harvested, 53% 1994, 52% avg. Cotton continued to make good progress throughout the Plains. Insects continued to cause problems in some fields, with most producers increasing insecticide applications. Harvest continued in Blacklands. Rain along Upper Coast, Coastal Bend, Rio Grande Valley caused further delays to completion of harvest, caused additional damage to defoliated cotton. Statewide condition 74% normal, 65% 1994; 89% setting bolls, 99% 1994, 92% avg.; 13% harvested, 16% 1994, 13% avg. Grain sorghum harvest continued in Blacklands, Central Texas. Most fields in Plains continued to turn color due to hot, dry temperatures. Statewide 75% normal, 69% 1994; 72% mature, 67% 1994, 68% avg.; 63% harvested, 60% 1994, 59% avg. Rice rain along Upper Coast caused minor delays to rice harvest. Statewide condition 99% normal, 94% 1994. Peanuts In the Blacklands, leaf blight was causing minor problems in some fields. However, most fields continued to show signs of good progress. Harvest continued in South Texas as weather conditions permitted. 0% harvested, 1% 1994, 2% avg. Statewide condition 83% normal, 80% 1994. Soybeans harvest continued in Blacklands, minor delays occurred along Upper Coast due to rainy conditions. 24% harvested, 15% 1994, 16% avg. Sunflowers 1% harvested, 0% 1994, 1% avg.

Commercial Vegetables: Rio Grande Valley pepper, tomato planting continued. San Antonio Winter Garden land preparations continued. Harvest of cucumbers watermelon planting activities continued. East Texas sweet potato harvest continued. High Plains pumpkins made good progress. Cucumber, potato harvest continued. Pecans drop continued throughout Hill Country due to hot, dry conditions. Spraying continued for weevils, shuckworms, scab. Most areas continued to report a good crop. Irrigation remained steady in areas where water was available.

Range and Livestock: Ranges, pastures remained short, dry across most of Plains. Most other areas were beginning to stress again due to hot, dry weather. Livestock remained in good condition.

UTAH: Temperature maximums normal; minimums 5° above normal. Precipitation light to heavy throughout the State, with some stations reporting zero precipitation; others receiving almost 1.75 in.

Days suitable for fieldwork 6.1. Topsoil 8% very short, 23% short, 69% adequate. Subsoil 8% very short, 25% short, 65% adequate, 2% surplus. Irrigation water supply 5% very short, 16% short, 78% adequate, 1% surplus. Stockwater supply 5% very short, 13% short, 82% adequate. Spring wheat harvested 80%. Barley harvested 84%. Oats harvested for grain 44%, 72% 1994, 62% avg. Winter wheat harvested 92%. Corn tasseling 78%. Alfalfa hay 3rd cutting 22%, 56% 1994, 39% avg. Other hay cutting 90%. Peaches harvested 36% picked, 62% 1994, 46% avg. Onions harvested 9%, 10% 1994. Cattle moved from summer range 1%, 13% 1994. Sheep moved from summer range 1%, 7% 1994. Major farm, ranch activities were harvesting small grains, haying, irrigating, picking peaches.

VIRGINIA: Temperatures above normal. Extremes 50°; 97°. Precipitation was well below normal statewide.

Days suitable for fieldwork 6.6. Topsoil 51% very short, 41% short, 8% adequate. Subsoil 32% very short, 54% short, 13% adequate, 1% surplus. Other hay 8% very poor, 36% poor, 41% fair, 15% good. Alfalfa hay 1% very poor, 23% poor, 50% fair, 24% good, 2% excellent. Apple 44% fair, 56% good; harvested 78%, 81% 1994; summer apples 78% harvest. Peaches harvested 90%, 92% 1994, 90% avg. Corn silked 100%, 100% 1994, 100% avg.; dough 80%, 95% 1994, 81% avg.; in dent stage 55%, 53% 1994, 56% avg.; mature 35%, 36% 1994, 34% avg. Corn harvested for grain 3%, 3% 1994, 3% avg.; harvested for silage 13%, 21% 1994, 20% avg.; 1% very poor, 10% poor, 41% fair, 39% good, 9% excellent. Soybeans 13% very poor, 39% poor, 31% fair, 15% good, 2% excellent; blooming 90%, 87% 1994, 84% avg. Peanut 33% poor, 48% fair, 19% good. Cotton 5% poor, 35% fair, 60% good. Flue tobacco 1% poor, 36% fair, 41% good, 22% excellent. Flue tobacco harvested 53%, 37% 1994, 40% avg. Dark fire tobacco 1% poor, 21% fair, 67% good, 11% excellent. Dark fire harvested 60%, 47% 1994, 40% avg. Burley tobacco 32% very poor, 34% poor, 24% fair, 10% good. Burley harvested 11%, 12% 1994, 8% avg. Sun tobacco 72% fair, 28% good. Sun tobacco harvested 42%, 23% 1994, 33% avg. Hot, especially dry conditions persisted during the week. The weekend did bring scattered showers to the southern half of the State. Cotton, peanuts, now soybeans showing signs of stress due to the dry conditions, extended high temperatures.

WASHINGTON: Temperatures 2° below to normal west; 8 to 3° below normal east. Precipitation none to 0.14 in. west; none in. east. Weather good for fruit development.

Days suitable for fieldwork 7.0. Topsoil 29% short, 71% adequate; subsoil 19% short, 81% adequate. Irrigation water supply 99% adequate 1% surplus. Winter wheat seeding underway. Dry bean cutting began. Vegetable seed harvest continued with good yields reported. Late blight reported in potatoes on westside of state. Hop, peppermint harvests underway. Spinach seed combining underway. Gala apples, Bartlett pears, peaches, nectarines, blueberries, cauliflower, broccoli, lima beans, cucumbers, sweet corn, carrots, watermelons, peppers, onions were being harvested. Cranberries maturing nicely. Plums were ripening. Disease problems reported on grapes. Tomato, pepper yields down. Pastures turning green due to cool, wet weather. Some overgrazing reported. Fourth cutting of alfalfa began in Grant County. Second cutting of timothy underway. Winter wheat, dryland 6% poor, 15% fair, 59% good, 20% excellent; irrigated, 77% good, 23% excellent. Spring wheat, dryland 4% poor, 26% fair, 56% good, 14% excellent; irrigated, 85% good, 15% excellent. Barley, dryland 8% poor, 22% fair, 55% good, 15% excellent; irrigated, 100% good. Potatoes, 15% fair, 85% good. Corn, 100% good. Dry Edible Beans, 100% good. Hay, other roughage supplies 1% short, 86% adequate, 13% surplus. Winter wheat, 81% harvested, 99% 1994, 89% avg. Spring wheat, 72% harvested, 99% 1994, 76% avg. Barley, 58% harvested, 99% 1994, 78% avg. Alfalfa, 2nd cutting, 96% harvested, 98% 1994, 96% avg. Alfalfa, 3rd cutting, 80% harvested, 69% 1994, 59% avg. Dry peas, 62% harvested, 100% 1994, 79% avg. Potatoes, 17% harvested, 13% 1994, 18% avg. Dry beans, 9% harvested, 5% 1994, 1% avg

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WEST VIRGINIA: Temperature 73°. Extremes 50°; 95°. Temperatures 2° above normal in the northeastern region to 4° above normal in the central region. Precipitation 0.04 in. The greatest weekly total precipitation was 0.51 in. reported at Bluefield.

Days suitable for fieldwork 6.3. Topsoil 4% very short, 65% short, 31% adequate. Wheat 94% harvested, 100% 1994, 98% avg. Hay 13% poor, 41% fair, 46% good; second cutting 80%, 60% 1994, 58% avg.; third cutting 34%, 45% 1994, 45% avg. Corn 5% poor, 27% fair, 67% good, 1% excellent; 96% silked, 97% 1994, 97% avg.; 49% dough, 55% 1994, 70% avg.; 18% dent. Oats 91% ripe, 100% 1994; 80% harvested, 90% 1994, 96% avg. Soybeans 22% fair, 71% good, 7% excellent; 95% blooming, 100% 1994; 77% setting pods, 84% 1994. Tobacco 11% very poor, 16% poor, 26% fair, 47% good; 91% topped, 95% 1994, 85% avg, 22% harvested, 18% 1994, 16% avg. Apples 25% fair, 75% good. Cattle 1% poor, 15% fair, 81% good, 3% excellent. Sheep 3% poor, 21% fair, 74% good, 2% excellent. Activities: Making hay, topping tobacco, harvesting peaches, oats, tobacco, wheat.

WISCONSIN: Temperature 71°, 5° above normal. Extremes 41°; 94°. Precipitation 0.10 to 2.50 in.

Days suitable for fieldwork 4.6. Soil 10% short, 70% adequate, 20% surplus. General condition of crops 2% poor, 17% fair, 68% good, 13% excellent. Oats 5% very poor, 20% poor, 36% fair, 36% good, 3% excellent. Oats harvested 85%, 88% 1994, 79% avg. Third cutting hay harvest 28%, 34% 1994, 29% avg. Soybean 1% poor, 17% fair, 64% good, 18% excellent; bloomed 95%, NA 1994, NA avg.; setting pods 60%, NA 1994, NA avg.

WYOMING: Temperatures 4 to 9° above normal across the State. Extremes 26° Jackson; 98° Newcastle. Precipitation 0.05 in. above normal. Jackson also received the greatest amount of precipitation at 0.93 in.

Days suitable for fieldwork 6.5. Topsoil 36% adequate. Subsoil supplies 42% adequate. Winter wheat 97% harvested, 100% 1994, 92% avg. Spring wheat 82% mature, 100% 1994, 92% avg.; 26% harvested, 89% 1994, 65% avg. Oats 77% mature, 90% 1994, 89% avg.; 49% harvested, 61% 1994, 54% avg. Barley 86% mature, 95% 1994, 95% avg.; 71% harvested, 79% 1994, 72% avg. Dry beans 55% leaves turning color, 82% 1994, 56% avg.; windrowed 8%, 25% 1994, 7% avg. Corn 38% dough, 83% 1994, 41% avg.; 6% dent, 39% 1994, 69% avg. Alfalfa 2nd cutting 55% complete, 86% 1994, 12% avg.; 3rd cutting 1% complete, 11% 1994, 3% avg. Other hay 86% harvested, 94% 1994, 91% avg.

International Weather and Crop Summary

August 20 - 26, 1995

HIGHLIGHTS

FSU-WESTERN: Dry weather favored fieldwork, but developing summer crops are still in need of moisture.

FSU-NEW LANDS: Several days of dry weather favored spring grain harvesting in Kazakhstan and Urals, Russia.

EUROPE: Light to moderate precipitation accompanied a cooling trend over northern Europe, easing stress on immature crops.

EASTERN ASIA: Rain kept moisture supplies adequate for summer crops and rice across most of China. Very heavy rains caused flooding and likely damaged filling rice in South Korea.

CANADA: Somewhat warmer, drier weather aided crop development in Alberta and Manitoba.

MEXICO: Northeastern Mexico received further drought relief, as seasonable showers continued to benefit corn across the main corn belt.

AUSTRALIA: Warm, mostly dry weather accelerated wheat growth in eastern Australia, necessitating more rain soon in New South Wales and Queensland as crops develop with limited moisture reserves.

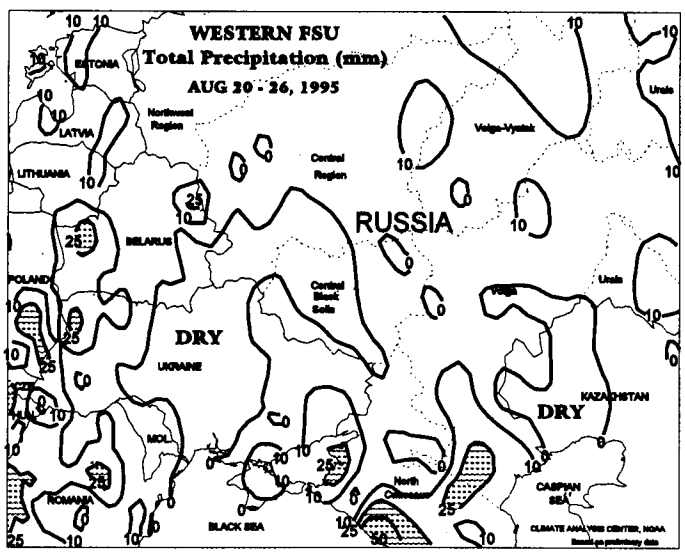
SOUTHEAST ASIA: Widespread showers maintained adequate rice irrigation supplies across Thailand, Vietnam, and the Philippines. Unseasonably dry weather continued in Java, reducing moisture for rice.

SOUTH AMERICA: In Argentina, light rain brought relief to only a limited area of the wheat belt, as warm weather further reduced soil moisture for vegetative winter grains.

SOUTH ASIA: Heavy rain in central India ended the dry spell for soybeans but missed primary coarse grain, groundnut, and cotton areas to the west and south.

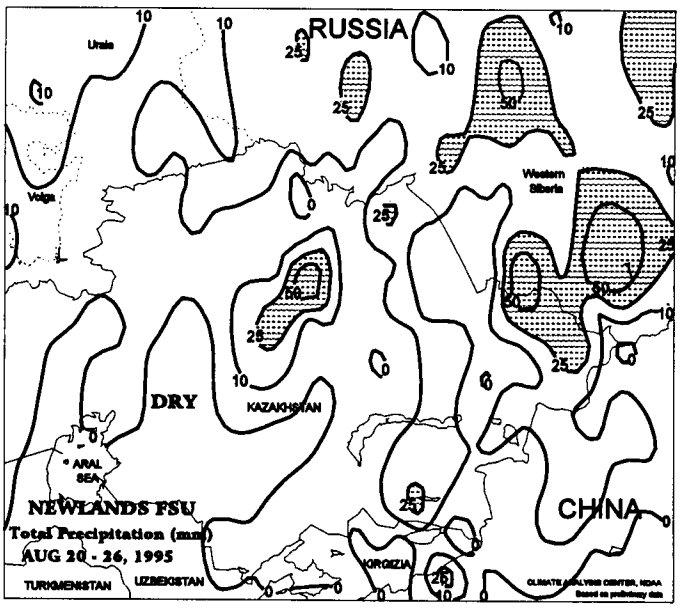
FSU-WESTERN

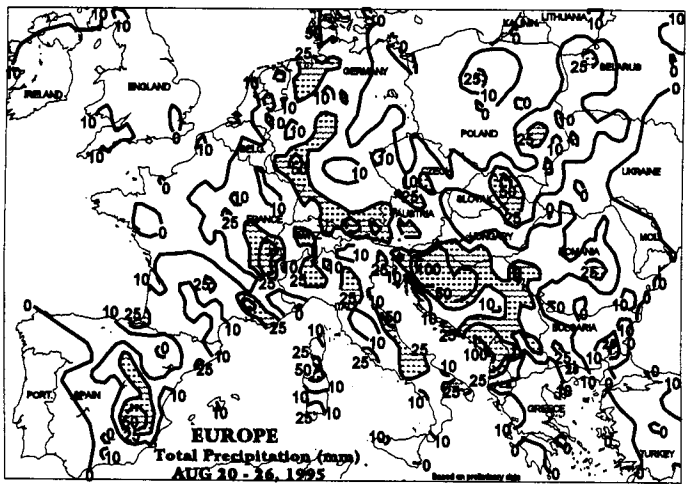
In Russia, dry weather covered most areas, favoring rapid spring grain harvesting and planting of the 1996 winter grain crop. Winter grain planting usually begins in northern areas in mid-August and progresses southward over major winter wheat-producing areas in September. Additional rain is needed in North Caucasus and lower Volga Valley for filling corn, sunflowers, and sugar beets as well as for upcoming winter wheat planting. In Ukraine, unseasonably warm, dry weather continued to stress developing summer crops, especially in western, southern, and eastern areas, which have received below-normal precipitation since early July. In Belarus and the Baltics, several days of warm, dry weather favored grain harvesting. Weekly average temperatures were 2 to 4 degrees Celsius (C) above normal over western areas and near normal in the east.



FSU-NEW LANDS

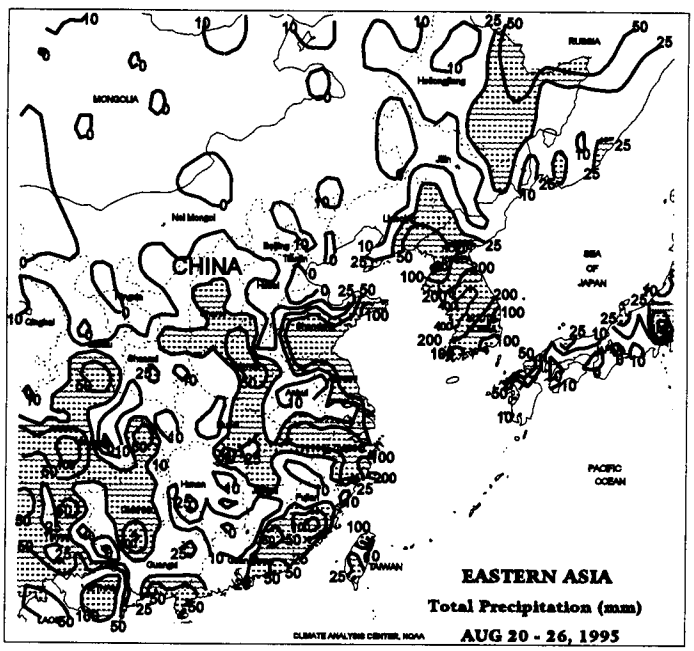
In Kazakhstan, several days of dry weather allowed spring grain harvesting to progress without delay. Farther north in Russia, light to moderate showers (10-41 mm) over Western Siberia benefited immature crops, but interrupted early grain harvesting. In contrast, dry weather over the Urals allowed the spring grain harvest to progress without delay. Weekly average temperatures were near normal over most areas, except for the Altay Kray region in Western Siberia where temperatures averaged 1 to 3 degrees C above normal.





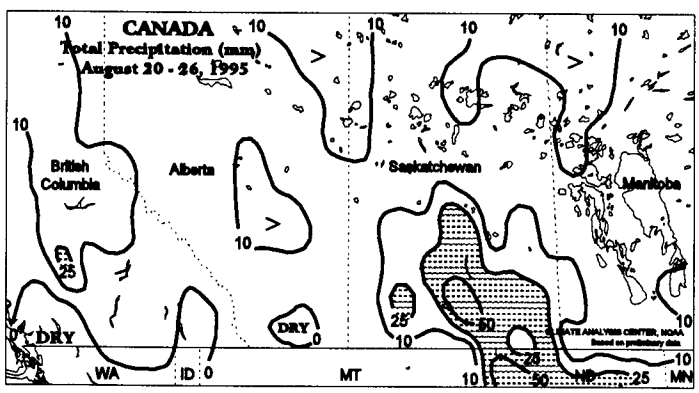
EUROPE

Light to moderate precipitation accompanied a cooling trend over northern Europe, easing stress on immature crops. However, only light, sporadic showers (2-10 mm) covered England and northwestern France, where soil moisture remained critically low. Maximum temperatures, ranging from 29 to 32 degrees C over northern Europe early in the week, fell to 18 to 22 degrees C by week's end. Greater amounts of rain (10-48 mm) fell over eastern France, the Netherlands, Belgium, and most of Germany, benefiting corn and sugar beets. Moderate to locally heavy rain (25-54 mm) over southeastern Spain was not enough to alleviate long-term drought conditions. Unusually cool, wet weather over southern Italy slowed summer crop maturation. In eastern Europe, light to moderate showers (10-25 mm, with locally heavier amounts in excess of 40 mm) over the Czech Republic, Slovakia, Hungary, western Romania, and former Yugoslavia benefited filling corn and sunflowers.



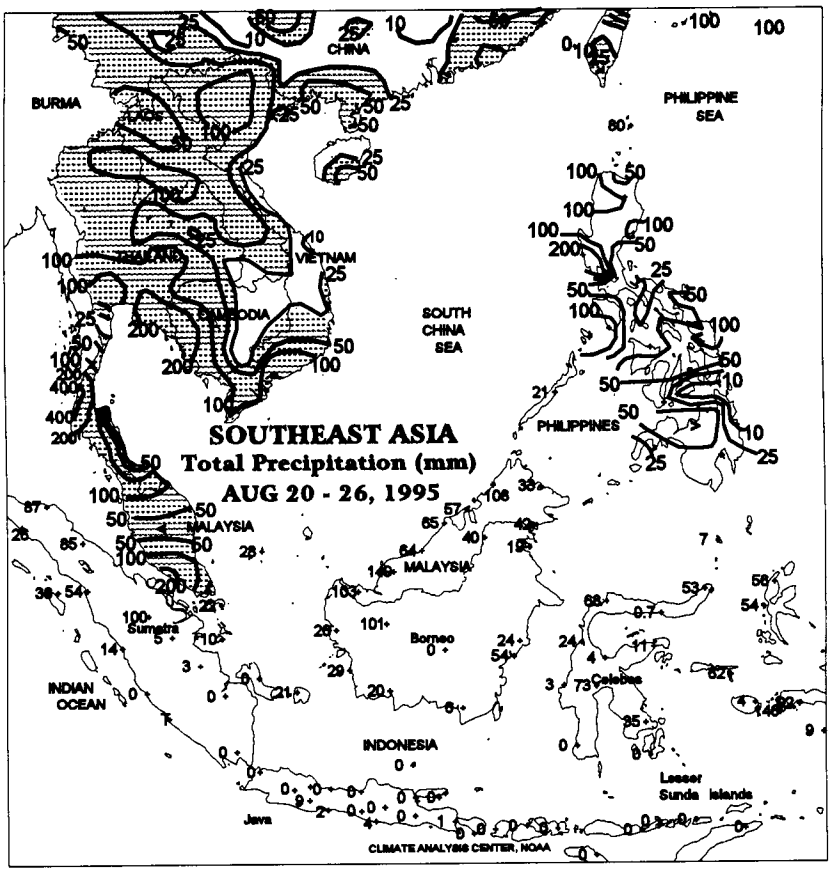
EASTERN ASIA

Mostly moderate rain (15-70 mm, with isolated amounts greater than 100 mm) fell across the North China Plain, aiding filling summer crops. Light rain (less than 10 mm) was reported across southern Manchuria, while moderate rain (15-40 mm) aided filling crops in northern Manchuria (Heilongjiang). Across the Yangtze Valley and southern China, light to moderate rain (10-50 mm) kept rice irrigation supplies adequate, although portions of interior southern China (southern Hunan, southern Jiangxi, and northern Guangdong) received only light rain (less than 10 mm). Tropical Storm Janis swept across extreme eastern China (Zhejiang and Shanghai) on August 25, with sustained winds of 45 to 55 knots (52-63 mph). While the storm caused some local crop damage, it produced beneficial moderate to heavy rain (20-90 mm) across the region. Janis then recurved to the northeast and hit South Korea on August 26, with sustained winds of 40 to 50 knots (46-58 mph). For the week, torrential rain (350-500 mm) fell across the northern half of South Korea, likely damaging filling rice and causing widespread flooding. The rainfall was partly due to Janis but mostly from frontal activity prior to the storm. This region typically accounts for about 35 to 45 percent of South Korea's total rice production. In Japan, light to moderate rain (5-30 mm) fell across the southern half of Japan, while heavier amounts (50-125 mm) were reported across northern Honshu and Hokkaido. Temperatures averaged near normal across the Korean Peninsula and 3 to 4 degrees C above normal across Japan.



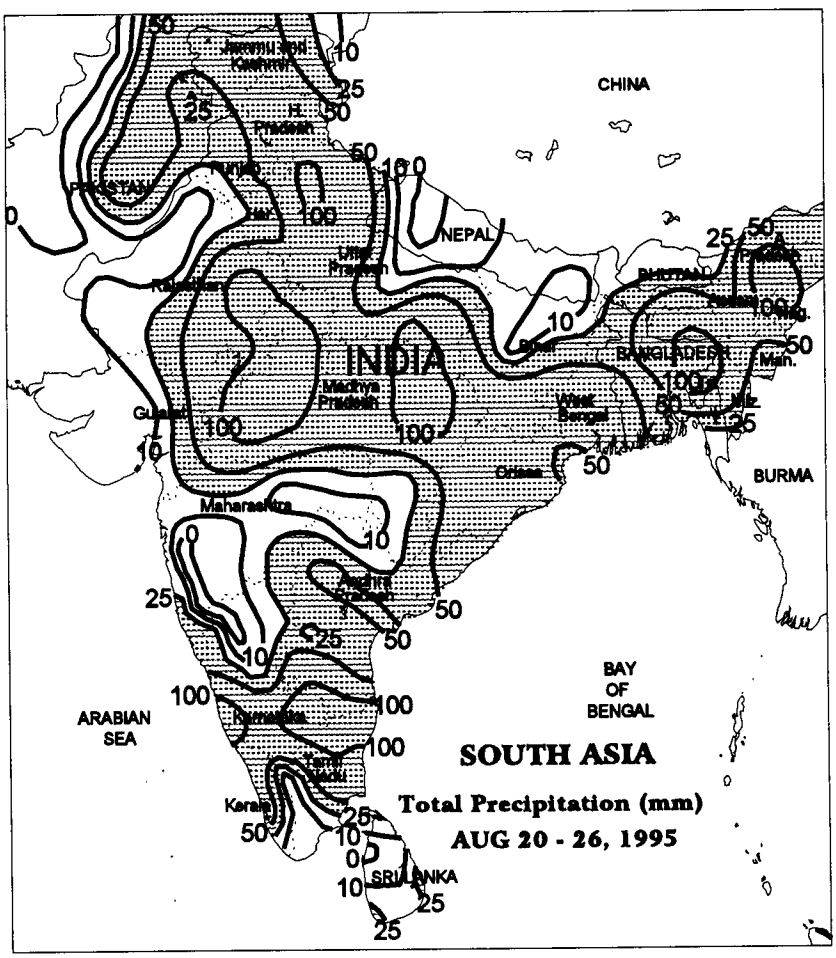
CANADA

Drier, somewhat warmer weather (rainfall less than 10 mm; average temperatures within 1 degree of normal) benefited filling grains and oilseeds in Alberta and Manitoba. Some patchy frost was likely in western Alberta and the Peace River Valley as temperatures dipped to 1 to 3 degrees C in northern and western fringe crop areas. Frost damage to crops, if any, would have been minor. In Saskatchewan, moderate to heavy rain (10-25 mm, locally exceeding 50 mm) the latter half of the week ended a brief warming trend. The recent wetness in Saskatchewan, initially beneficial for immature spring grains and oilseeds, raises concern for quality and disease occurrence. The average date of the first autumn freeze in Alberta and Saskatchewan falls before September 10 in most areas, leaving only a few weeks for crops to mature. Farther east, warm, mostly dry weather enhanced growth of filling corn and soybeans in Ontario and Quebec.



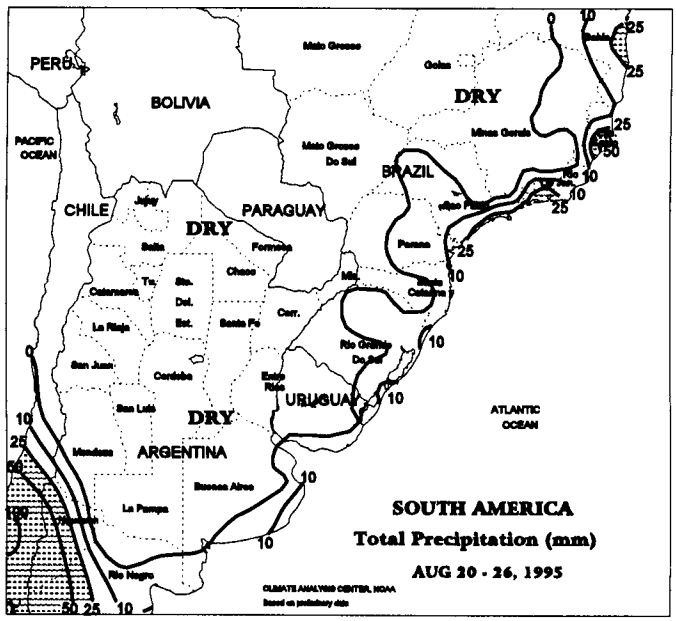
SOUTHEAST ASIA

Widespread showers (25-125 mm) maintained adequate rice irrigation supplies and aided rainfed crops across Indochina and the Philippines. The rain (20-80 mm) was especially beneficial in northern Luzon, Philippines, where rainfall has been below normal the past few weeks. Heavier showers (greater than 200 mm) fell east of Bangkok, Thailand, causing some flooding. Seasonable showers (40-175 mm) continued across the oil palm areas of peninsular Malaysia, which has been receiving abundant rainfall all season. Unseasonably dry weather continued across Java, reducing moisture supplies for primary corn and soybeans and secondary rice. Typically during this time of the year, most areas of Java should receive about 25 mm of rainfall a week.



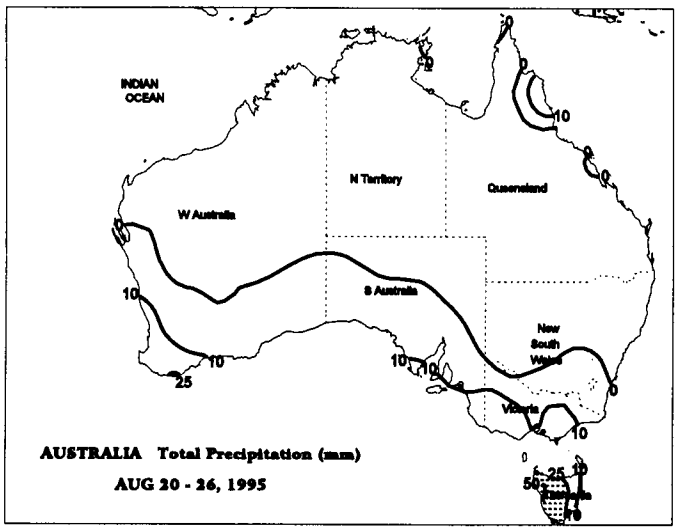
SOUTH ASIA

Heavy showers (59-143 mm) ended 2 weeks of dryness in India's primary soybean region (western Madhya Pradesh and eastern Rajasthan). However, unfavorably warm, dry weather persisted for the third week to the west and south (Gujarat and Maharashtra), stressing groundnuts, coarse grains, cotton, and sugarcane. Elsewhere across India, mostly moderate showers (25-50 mm) throughout the major crop areas maintained adequate moisture reserves for immature crops, although northern rice areas (central Uttar Pradesh to West Bengal) are still trending below normal. These areas are important winter wheat producers, and an increase in rainfall prior to the monsoon's withdrawal (normally early October for this region) is needed to reduce the crop's dependency on winter rainfall. In Pakistan, locally heavy showers (50-80 mm) in the major cotton areas may have resulted in some flooding and crop damage following recent weeks of heavy rain along the upper Indus River basin.



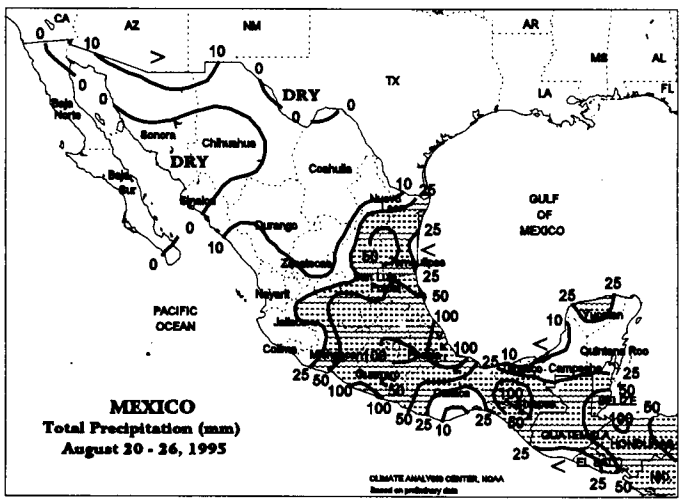
SOUTH AMERICA

In Argentina, light rain (3-14 mm) slightly increased topsoil moisture across extreme southwest Buenos Aires, bringing only limited relief. The extent of rainfall was far less than last week, with the majority of the wheat belt receiving no rain. The continued dryness, coupled with warmer weather (temperatures averaging 2-4 degrees C above normal) further reduced soil moisture for vegetative wheat. Rainfall is crucial the next several weeks as wheat will start reproducing in Santa Fe and northern Buenos Aires. In southern Brazil, little or no rain fell across the wheat areas of eastern Rio Grande do Sul and Parana. Soil moisture should be adequate for reproductive wheat in Rio Grande do Sul, but soils in Parana are becoming dry for filling wheat. Temperatures averaged 2 to 5 degrees C above normal across the wheat areas, reducing available soil moisture.



AUSTRALIA

Dry, unseasonably warm weather (average temperatures 5-6 degrees C above normal, highs reaching 28-32 degrees C) in winter grain areas of New South Wales and Queensland accelerated growth of vegetative crops. Rain is needed immediately from central New South Wales northward to avert further declines in yield potential. Pastures and livestock throughout the region are also suffering the effects of the protracted dry spell. Farther south, scattered, light to moderate rain (3-14 mm) and warmer weather (temperatures generally 3 degrees C above normal) benefited vegetative winter grains in South Australia and Victoria. In the west, light rain (10 mm or less) and more seasonable temperatures (with lingering, patchy frost on the eastern fringe) covered the winter wheat belt. In New Zealand, moderate to heavy rain (10-25 mm, exceeding 50 mm locally) and seasonable coolness (lows from 3 to -5 degrees C) covered the main pasture areas.



MEXICO

Northeastern Mexico (Tamaulipas and Nuevo Leon) received additional drought relief (15-70 mm), increasing reservoir levels and improving pasture growth. Light rain (less than 10 mm) fell elsewhere across northern Mexico, bringing little drought relief to the region. Seasonable showers (15-100 mm) benefited filling corn across the southern Plateau corn belt. The eastern portions of the corn belt received heavier showers (125-150 mm), causing some local flooding. Light to moderate rain (10-30 mm) fell across the Yucatan Peninsula, aiding reproductive corn. Temperatures averaged 1 to 2 degrees C above normal across the corn belt.

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.

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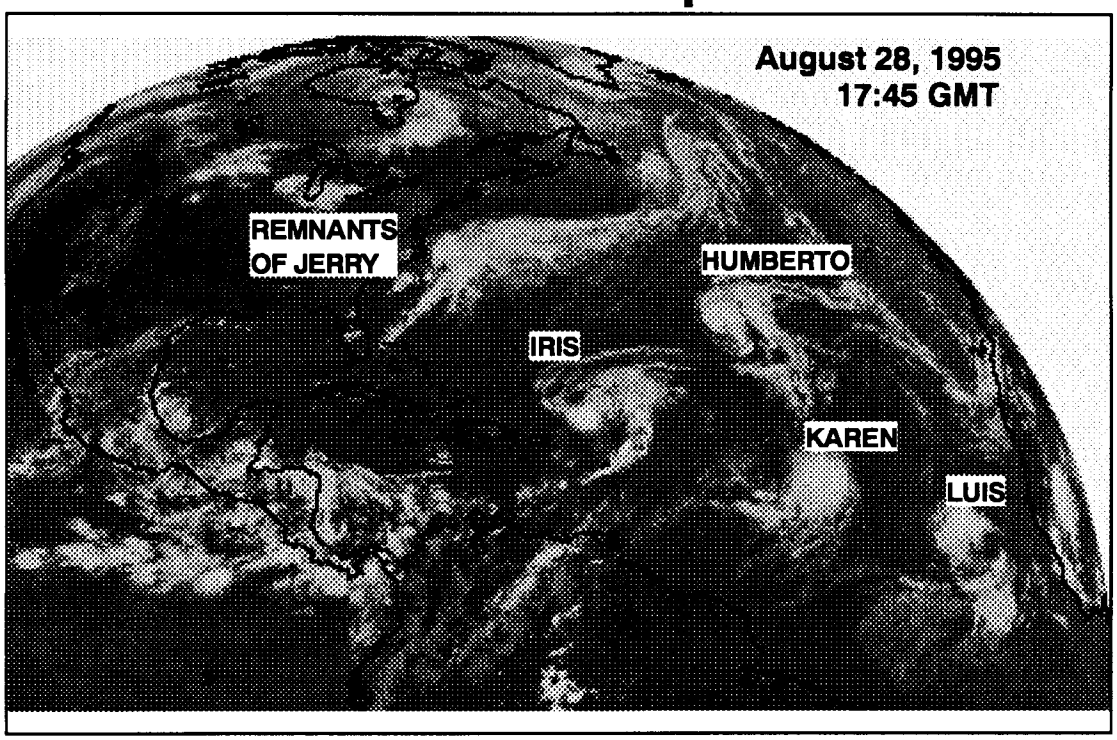
An Active Atlantic Tropical Season



Tropical Storm Luis formed on August 28, making 1995 the first time that twelve Atlantic-basin systems have been identified by this date. The most active tropical Atlantic season on record was 1933, when 21 systems reached tropical-storm or hurricane intensity. To date, five storms -- Allison, Erin, Felix, Humberto, and Iris -- have become hurricanes. Four -- Allison, Dean, Erin, and Jerry -- made landfall in the United States, although Felix lashed the U.S. East Coast with several days of heavy surf in mid-August.

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