

WEEKLY WEATHER AND CROP BULLETIN

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

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

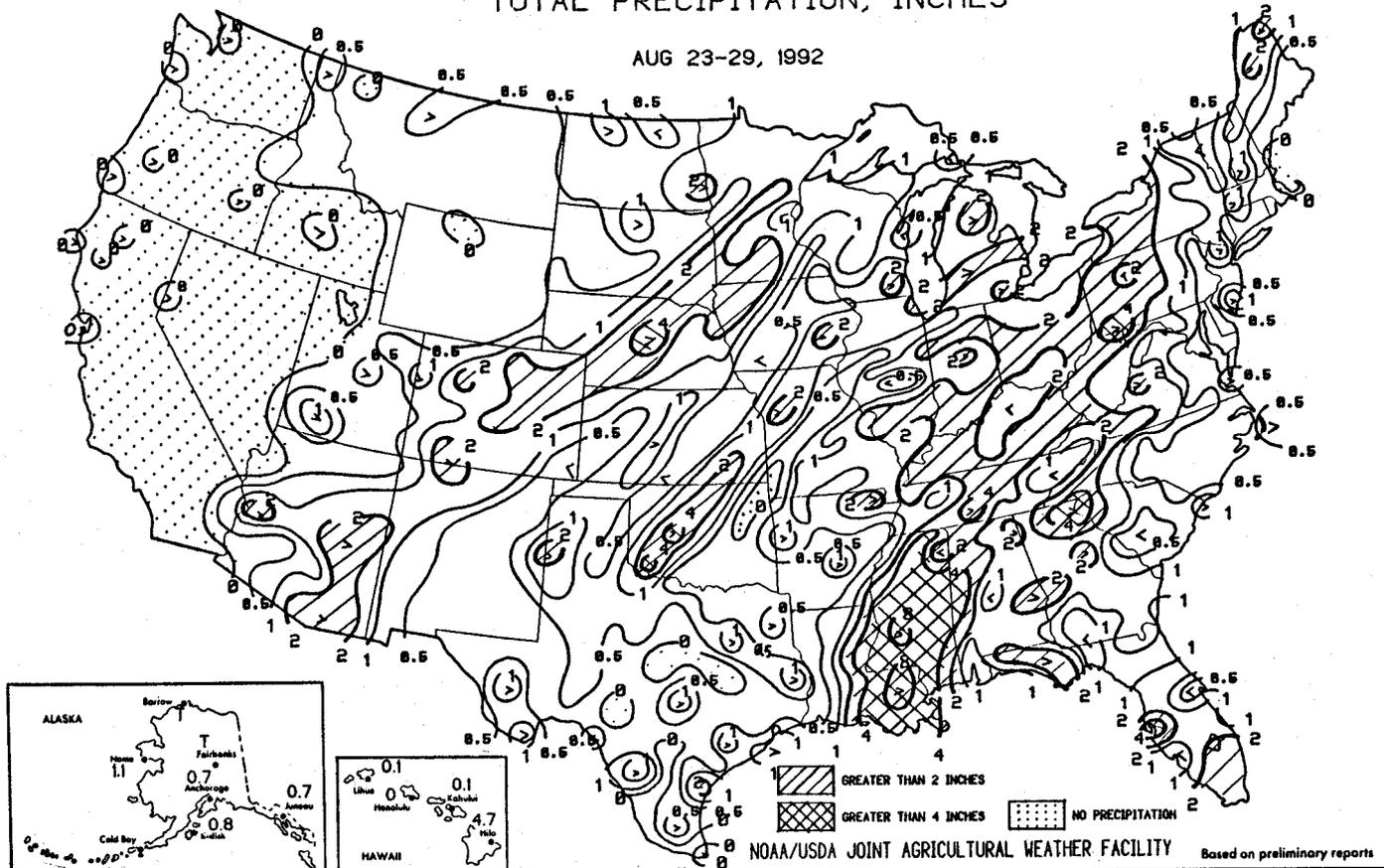
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September 1, 1992

TOTAL PRECIPITATION, INCHES

AUG 23-29, 1992



HIGHLIGHTS

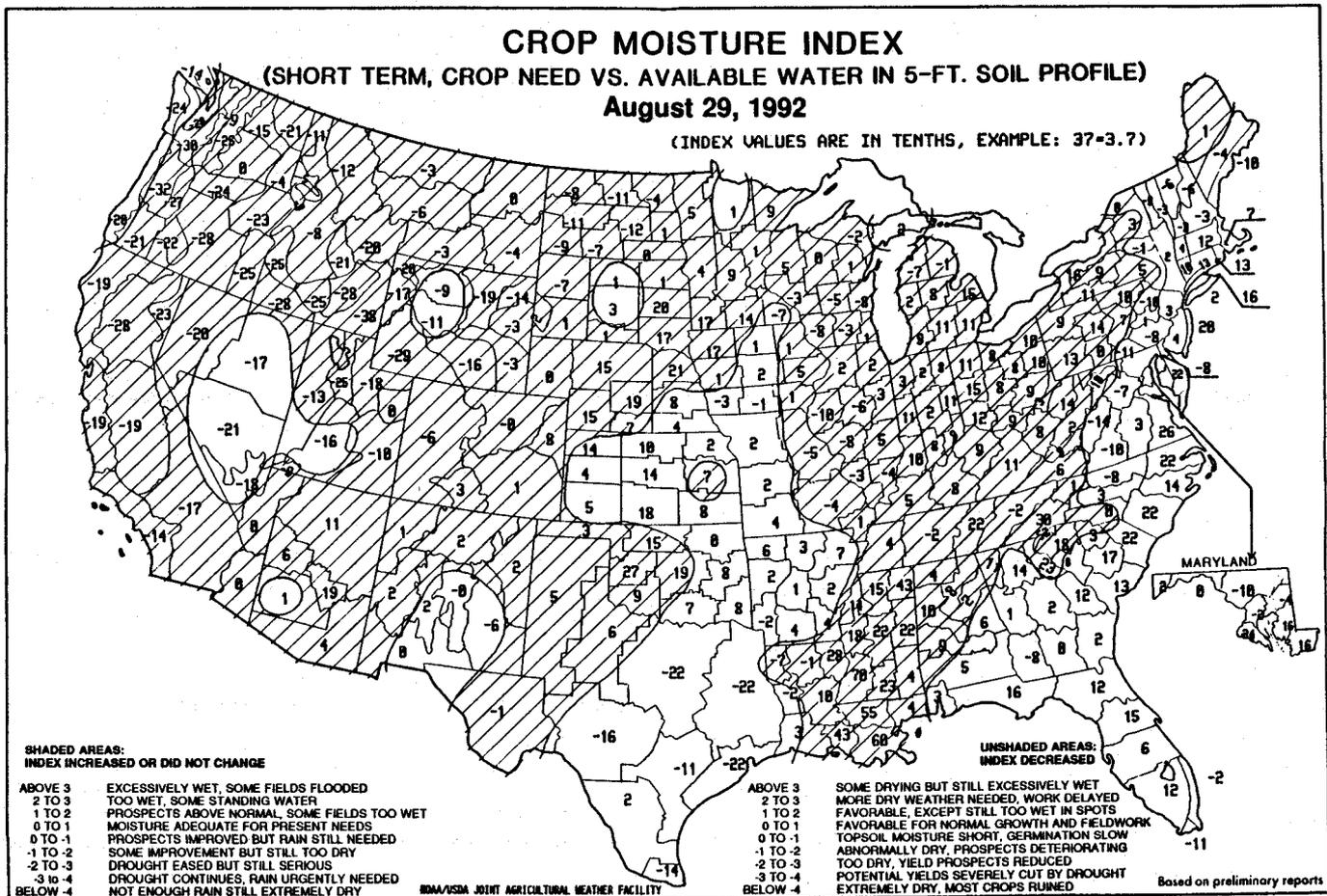
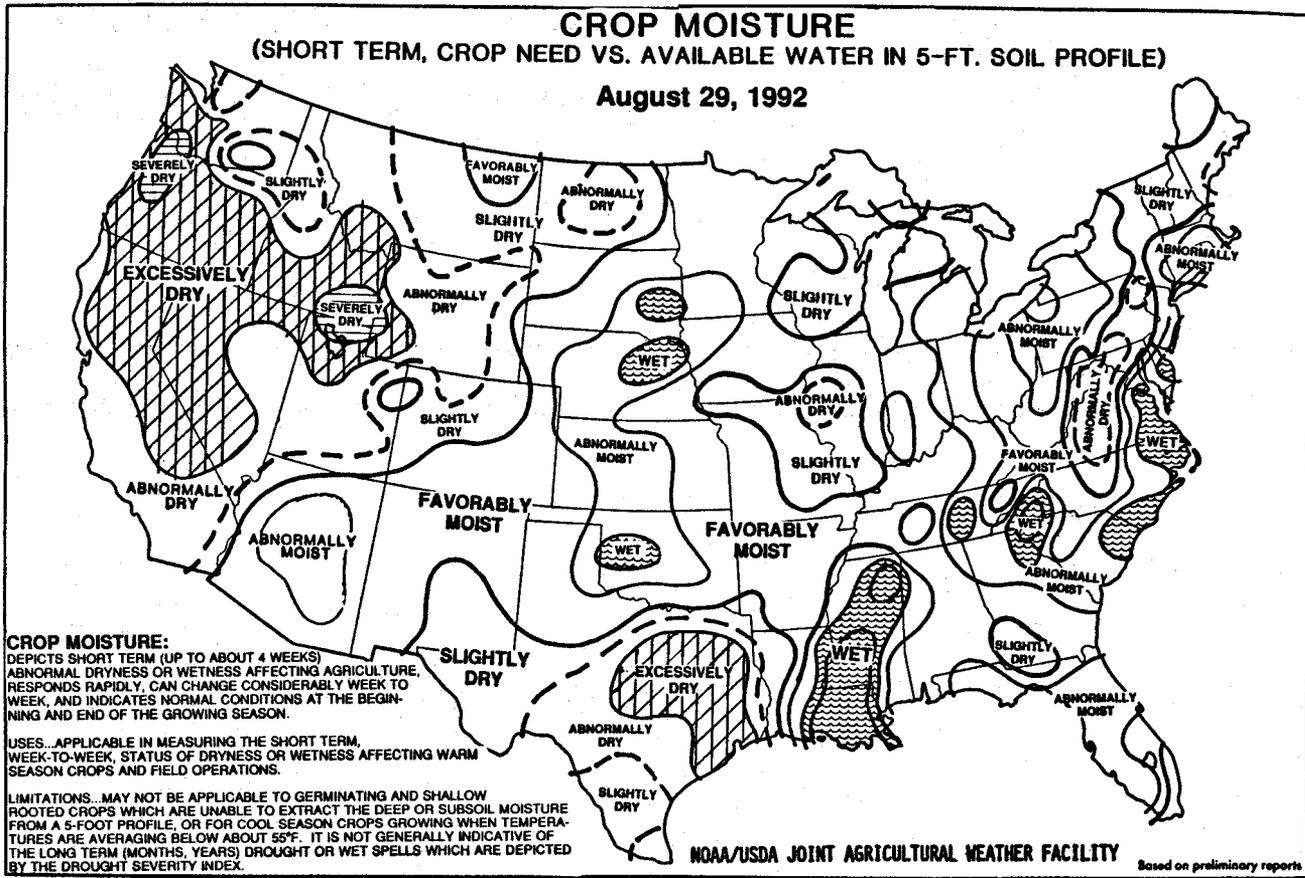
August 23 - 29, 1992

Hurricane "Andrew" battered southern Florida and south-central Louisiana, and remnants of the eastern Pacific Hurricane "Lester" spread heavy rain from Arizona to Minnesota. Very cool air trailed "Lester" into the Rockies and Plains, while excessive rainfall from "Andrew" pelted the lower Mississippi and Tennessee Valleys.

"Andrew" made landfall at 5 a.m. (eastern daylight time) on Monday with 140 miles per hour (mph) sustained winds, demolishing residential and farming communities south of Miami, FL. Meanwhile, tropical moisture and cold air clashed to produce more than 2 inches of rain and flooding from Arizona to Colorado. Farther north, 6.2 inches of snow whitened Helena, MT, and the temperature fell to an August-record 28°F. Sub-freezing cold also poured into the northern Great Basin, sending Elko, NV, (Continued to back cover)

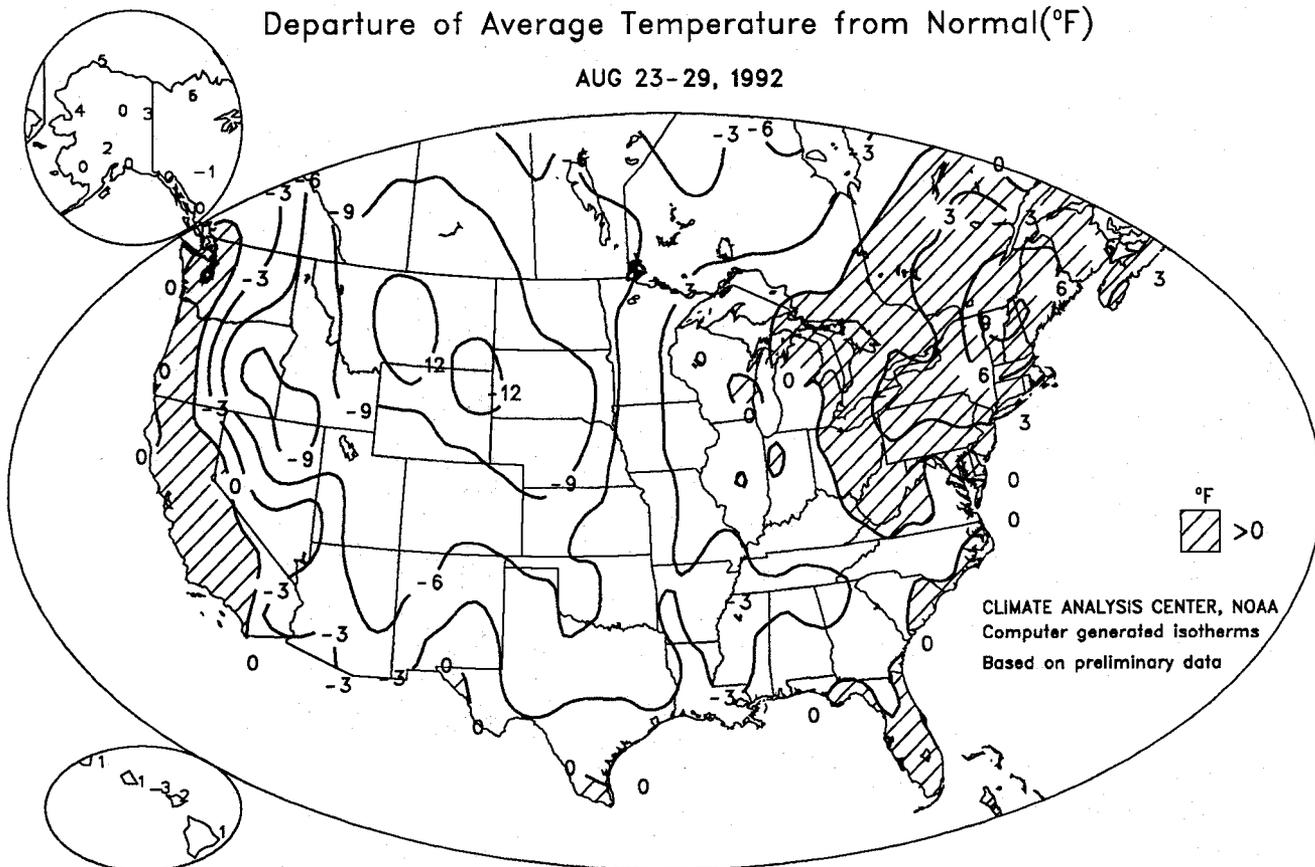
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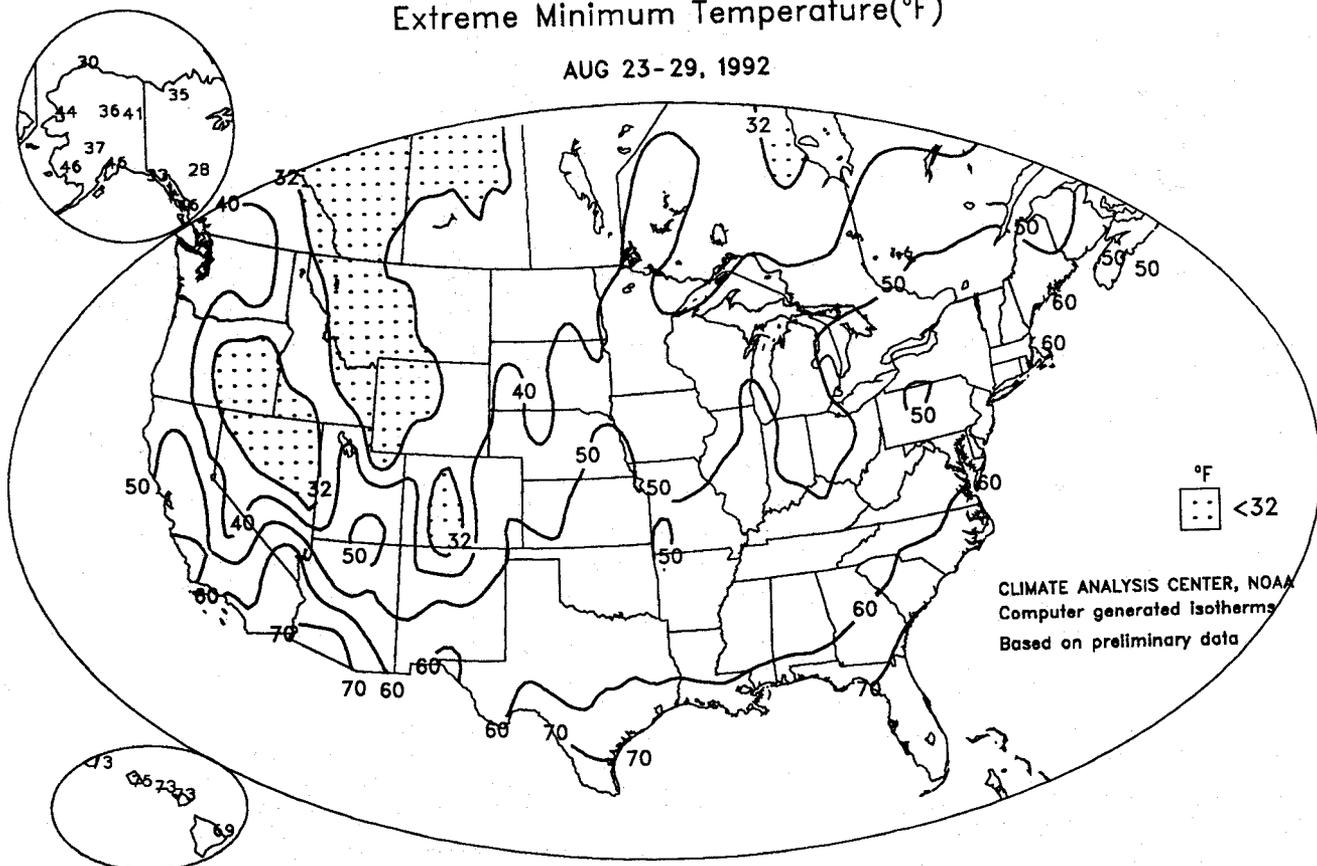
Departure of Average Temperature from Normal(°F)

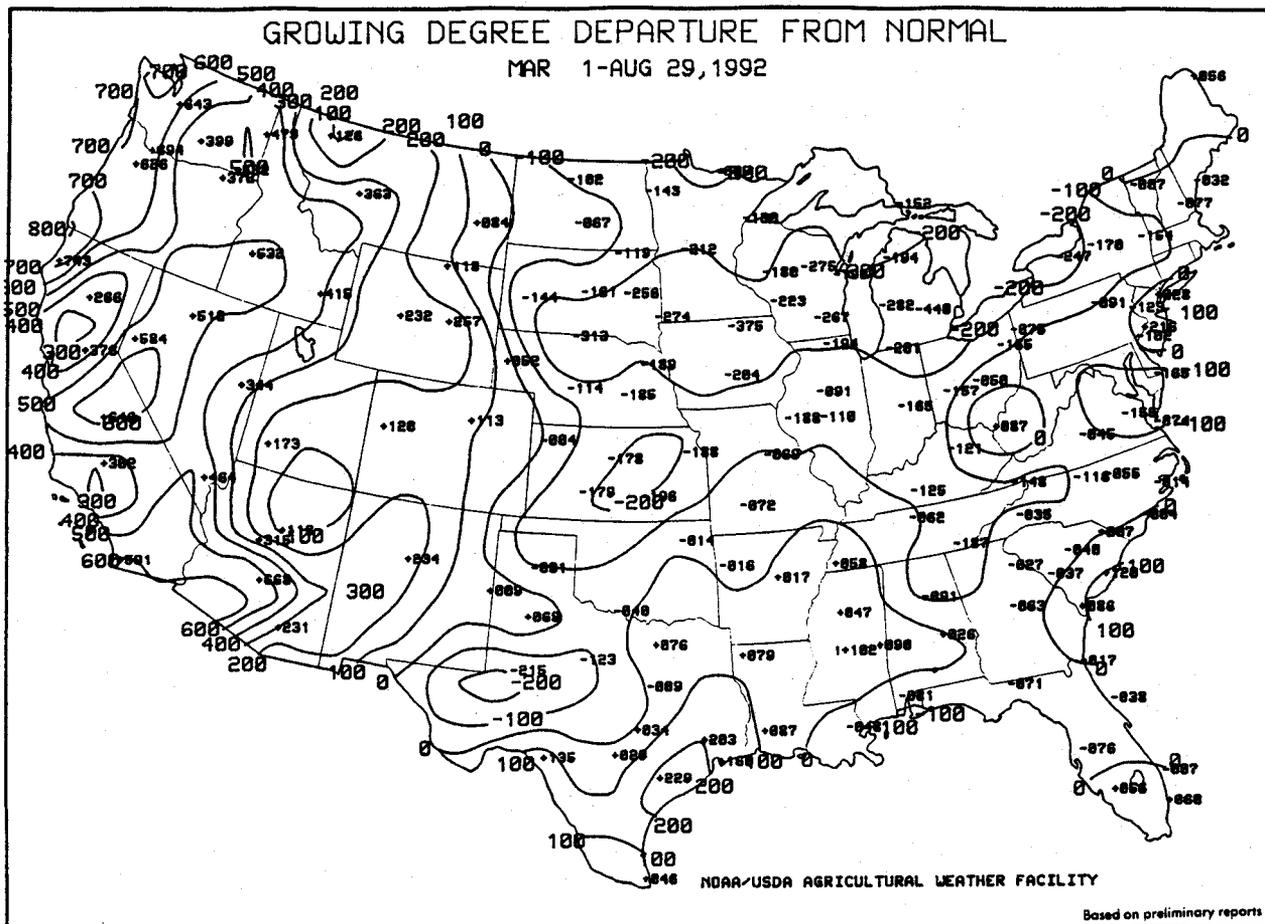
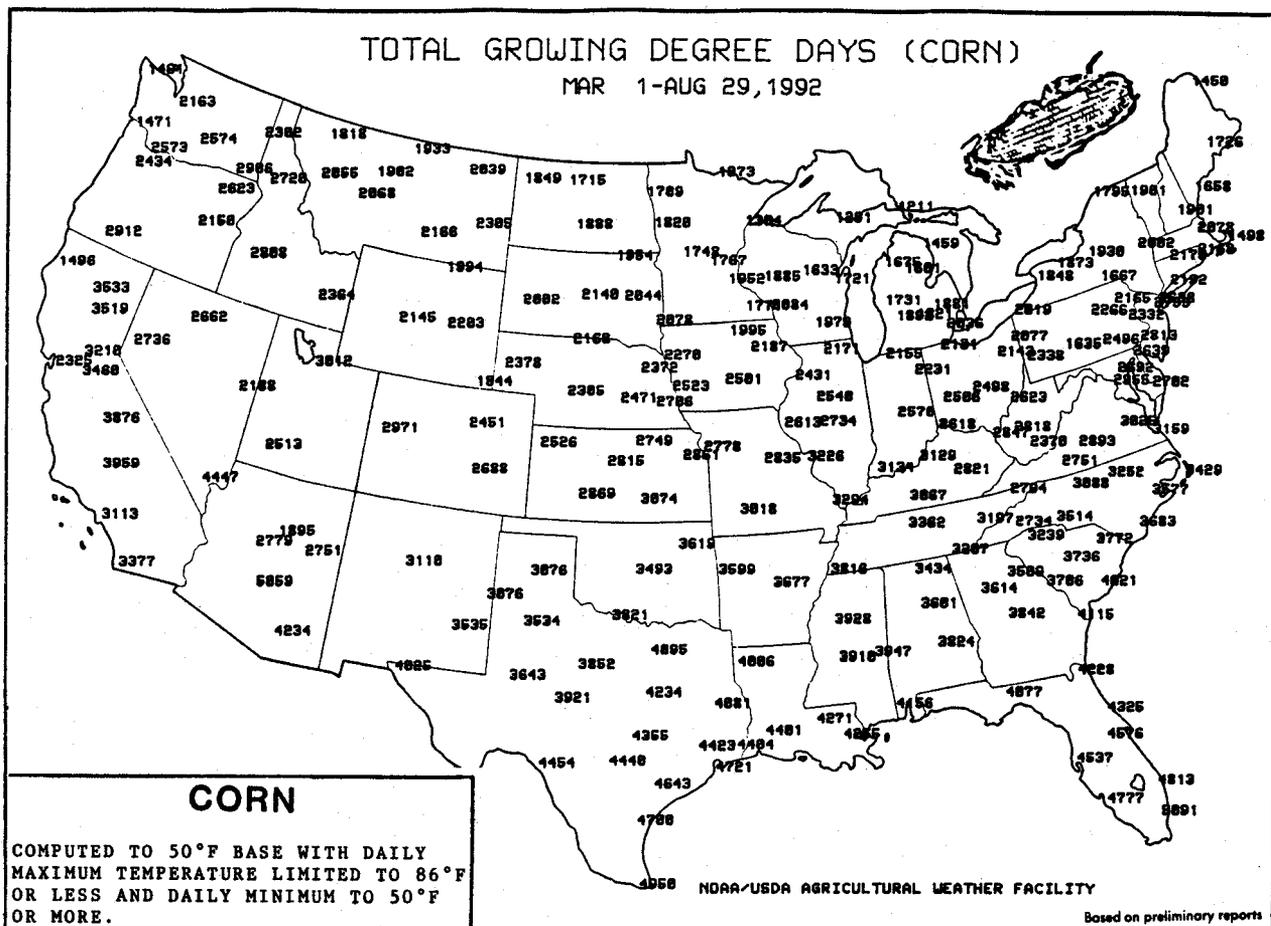
AUG 23-29, 1992



Extreme Minimum Temperature(°F)

AUG 23-29, 1992





National Weather Data for Selected Cities

Weather Data for the Week Ending August 29, 1992

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT	NUMBER OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL, IN., SINCE Jan 1		PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE
													OR MORE						OR MORE
AL BIRMINGHAM	84	67	89	52	75	-3	1.8	-.9	1.8	20.2	161	35.1	91	97	62	0	0	1	1
MOBILE	87	71	90	61	79	-2	.6	-.9	.6	21.3	111	48.2	105	95	56	0	0	2	1
MONTGOMERY	87	69	91	56	78	-2	2.0	1.2	2.0	19.4	175	43.4	127	97	58	3	0	1	1
AK ANCHORAGE	59	49	62	46	54	.7	.7	.3	.7	4.0	80	7.2	85	93	62	0	0	4	0
BARROW	48	35	62	31	41	.5	.5	.4	.5	1.1	52	1.6	54	98	71	1	0	0	0
FAIRBANKS	66	44	73	37	55	.7	.7	.7	.7	5.0	103	8.3	117	93	44	0	0	2	1
JUNEAU	60	49	64	43	55	.7	.7	.7	.7	12.8	108	47.6	165	98	68	0	0	1	1
KODIAK	58	46	61	41	52	.2	.8	.8	.8	13.5	111	40.0	111	97	71	0	0	2	1
NOME	55	48	60	41	52	.4	1.1	.4	.6	4.9	77	7.2	77	97	81	0	0	6	1
AZ PHOENIX	97	76	107	69	87	-2	.3	.1	.3	4.3	231	10.8	251	66	27	6	0	1	1
PRESCOTT	79	54	88	50	67	-4	.9	.4	.9	9.6	166	17.1	185	82	36	0	0	1	1
TUCSON	92	67	101	64	79	-4	2.3	1.9	1.6	5.6	119	12.1	166	84	31	4	0	3	2
YUMA	103	76	109	70	89	-2	.7	.1	.7	.3	56	3.5	245	69	23	7	0	0	0
AR FORT SMITH	88	64	93	53	76	-3	1.3	.7	1.3	15.2	159	29.8	111	98	43	5	0	1	1
LITTLE ROCK	87	66	93	59	77	-3	1.3	.4	.2	15.2	151	32.4	97	86	55	3	0	2	0
CA BAKERSFIELD	96	66	100	60	81	.0	.0	.0	.0	.0	50	5.7	147	57	23	6	0	0	0
BUREKA	62	51	68	50	57	.0	.0	.0	.0	1.5	160	15.3	68	69	76	0	0	0	0
FRESNO	96	62	100	56	79	.1	.0	.0	.0	.2	400	9.2	132	69	17	7	0	0	0
LOS ANGELES	79	65	84	64	72	.1	.0	.0	.0	.3	273	11.9	141	91	55	0	0	0	0
REDDING	98	61	103	55	79	-1	.0	.0	.0	1.7	114	20.2	80	56	12	7	0	0	0
SACRAMENTO	92	57	98	56	75	.1	.0	.0	.0	.3	167	10.1	94	80	21	5	0	0	0
SAN DIEGO	79	67	83	66	73	.1	.0	.0	.0	.2	107	10.1	162	87	57	0	0	0	0
SAN FRANCISCO	73	55	83	53	64	.0	.1	.1	.1	.5	491	13.4	108	91	54	0	0	1	0
CO DENVER	73	51	86	48	62	-7	2.3	2.0	2.3	6.9	141	13.4	116	84	37	0	0	2	1
GRAND JUNCTION	79	53	88	45	66	-7	.5	.3	.5	1.9	110	6.1	121	65	25	0	0	2	1
PUEBLO	79	52	89	43	65	-7	1.9	1.5	1.8	7.0	148	9.4	112	81	35	0	0	3	1
CT BRIDGEPORT	82	67	87	61	74	.3	.1	.7	.1	17.3	177	29.7	109	93	59	0	0	1	0
HARTFORD	86	63	90	57	74	.5	.7	.9	.7	13.9	137	29.1	102	96	51	1	0	1	0
DC WASHINGTON	86	67	92	58	76	.0	.2	.7	.2	10.2	90	24.7	93	95	53	.3	0	1	0
FL APALACHICOLA	89	73	91	65	81	.0	3.1	1.3	1.6	19.7	103	38.0	104	95	65	0	0	5	3
DAYTONA BEACH	89	75	92	71	82	.1	1.1	.4	.5	19.6	110	32.0	100	95	65	2	0	5	0
JACKSONVILLE	89	74	92	73	82	.1	1.6	.1	.7	21.1	108	44.9	122	96	60	0	0	4	2
KEY WEST	91	81	91	77	85	.1	1.3	.9	.3	16.3	126	23.7	104	84	61	0	0	2	0
MIAMI	91	77	94	74	84	.2	2.9	1.1	2.2	22.3	104	31.2	83	90	55	0	0	4	1
ORLANDO	90	75	92	72	82	.0	.4	.0	.2	19.3	91	37.0	103	97	60	0	0	4	0
TALLAHASSEE	91	71	93	65	81	.0	.4	.2	.2	24.9	113	47.4	101	97	54	0	0	3	0
TAMPA	89	75	93	71	82	.0	4.6	2.9	2.4	17.6	89	26.0	77	94	62	4	0	3	2
WEST PALM BEACH	89	75	93	72	82	.0	2.2	.7	.7	25.1	130	36.8	100	94	59	2	0	6	2
GA ATLANTA	84	67	86	55	75	-2	1.3	.6	1.1	18.2	161	32.3	92	99	58	0	0	4	1
AUGUSTA	88	69	91	61	79	.0	.3	.5	.3	17.6	147	34.2	107	98	56	2	0	2	0
MACON	88	69	90	59	79	-1	1.2	.4	.6	21.7	187	38.9	118	98	55	1	0	4	1
SAVANNAH	86	73	91	70	79	-1	1.2	.3	1.0	22.8	118	39.7	106	98	68	1	0	4	1
HI HILO	84	71	87	69	77	.1	4.7	2.6	1.6	39.1	161	55.3	66	97	67	0	0	7	4
HONOLULU	89	76	90	75	82	.2	.0	.0	.0	3.0	194	6.7	47	75	48	1	0	0	0
KAHULUI	88	75	89	74	81	.2	.1	.0	.1	1.5	167	7.8	64	87	51	0	0	2	0
LIHUE	85	76	85	74	80	.1	.1	.3	.1	4.7	89	16.3	63	83	63	0	0	0	0
ID BOISE	79	43	90	34	61	-8	.7	.1	.7	2.1	142	4.2	56	49	16	1	0	0	0
LEWISTON	78	48	85	41	63	-7	.0	.2	.0	3.2	122	7.3	86	61	20	0	0	0	0
POCATELLO	76	38	86	30	57	-9	.0	.0	.0	2.1	103	4.3	60	57	12	2	0	0	0
IL CHICAGO	78	60	89	51	69	-1	2.0	1.1	.8	8.7	80	16.1	69	97	59	0	0	4	2
MOLINE	79	59	89	46	69	-2	1.4	.6	.7	15.6	123	23.0	87	98	60	0	0	3	2
PEORIA	81	60	91	49	70	-1	.2	.6	.1	9.2	84	16.9	68	98	60	1	0	3	0
QUINCY	81	60	90	47	70	-2	.1	.8	.1	7.3	61	17.5	67	88	51	1	0	1	0
ROCKFORD	77	58	89	48	67	-2	1.5	.7	.7	8.7	70	17.2	67	94	60	0	0	3	2
SPRINGFIELD	84	63	93	51	73	.1	.3	.5	.2	9.6	94	18.0	75	95	55	1	0	3	0
IN EVANSVILLE	84	64	90	53	74	-1	2.7	2.1	1.9	14.2	137	25.7	87	97	58	2	0	4	1
FORT WAYNE	79	60	88	48	70	.0	2.4	1.7	1.5	12.4	122	25.3	104	98	62	0	0	3	2
INDIANAPOLIS	79	61	86	48	70	-1	1.2	.5	.7	17.3	150	28.2	102	97	65	0	0	3	1
SOUTH BEND	78	61	89	50	70	.0	.8	.1	.6	9.0	80	18.7	73	96	64	0	0	4	1
IA DES MOINES	80	58	88	49	69	-3	.1	.9	.1	10.2	91	20.8	92	93	55	0	0	1	0
STOUK CITY	74	56	86	50	65	-6	3.0	2.3	2.2	12.1	118	21.7	112	99	64	0	0	3	2
WATERLOO	78	56	88	43	67	-1	1.0	.2	.9	10.4	84	20.6	85	94	61	0	0	2	1
KS CONCORDIA	79	59	90	52	69	-6	1.0	.2	1.0	20.4	190	30.1	147	91	53	1	0	1	1
DODGE CITY	82	58	90	48	70	-6	.8	.3	.8	12.5	149	18.0	113	89	45	3	0	2	1
GOODLAND	74	52	89	48	63	-8	1.7	1.3	1.3	15.3	223	19.3	151	93	51	0	0	3	1
TOPEKA	83	59	92	48	71	-4	.1	.7	.1	11.0	87	23.3	97	93	49	2	0	2	0
WICHITA	86	61	97	55	74	-4	.7	.6	.7	14.0	136	23.5	117	92	42	4	0	1	0
KY BOWLING GREEN	83	63	89	50	73	-3	1.7	1.0	1.6	8.8	74	25.9	75	100	59	0	0	3	1
LEXINGTON	81	64	88	50	73	-1	1.1	.3	.7	22.3	173	39.3	119	98	59	0	0	3	1
LOUISVILLE	85	65	93	53	75	.0	1.1	.4	1.0	14.1	131	29.8	98	95	54	2	0	3	1
LA BATON ROUGE	86	69	91	59	78	-3	6.5	5.5	5.5	28.7	191	54.9	138	99	65	2	0	5	2
LAKE CHARLES	89	70	93	59	80	-1	.1	.2	.1	16.7	115	45.6	130	98	54	4	0	3	0
NEW ORLEANS	87	70	93	63	79	-2	5.7	4.4	4.2	24.9	147	53.9	130	96	62	3	0	2	2
SHREVEPORT	90	67	94	58	78	-3	.7	.5	.7	8.6	92	31.6	105	93	45	5	0	1	0

Based on 1951-80 normals.

Weather Data for the Week Ending August 29, 1992

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT	NUMBER OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL IN., SINCE Jan 1		PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.
													90 AND ABOVE				32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
ME CARIBOU	77	58	86	47	68	8	3.7	2.9	1.8	15.1	138	27.9	120	95	66	0	0	4	2
PORTLAND	80	62	87	59	71	7	1.6	1.6	10.6	126	26.4	98	98	60	0	0	1	0	
MD BALTIMORE	87	63	93	54	75	1	1.5	1.5	9.1	76	22.2	78	98	51	0	0	1	1	
SALISBURY	86	62	91	52	74	0	1.3	1.1	14.5	109	28.8	93	99	54	0	0	2	0	
MA BOSTON	83	68	89	64	76	5	1.9	1.9	11.5	128	24.2	86	91	56	0	0	0	0	
CHATHAM	74	62	76	61	68	2	0	0	16.5	173	27.6	93	96	77	0	0	0	0	
MI ALPENA	75	56	90	50	65	2	1.2	1.1	7.3	80	16.0	82	97	56	0	0	2	1	
DETROIT	77	61	86	49	69	0	1.0	1.3	10.8	114	23.1	107	93	67	0	0	1	1	
FLINT	75	59	87	48	67	0	2.2	1.5	15.0	164	25.8	128	96	67	0	0	4	1	
GRAND RAPIDS	76	58	88	46	67	-2	2.6	1.8	14.0	147	25.5	115	99	67	0	0	1	1	
HOUGHTON LAKE	72	56	86	48	64	1	2.8	2.1	9.3	106	17.4	93	97	64	0	0	5	3	
LANSING	75	58	88	46	67	0	1.8	1.1	9	120	23.3	117	95	67	0	0	5	2	
MARQUETTE	68	49	86	41	58	-2	1.0	1.2	4	86	19.1	78	95	64	0	0	4	0	
MUSKOGON	74	56	85	43	65	-2	1.2	1.5	6.1	78	14.7	74	97	67	0	0	3	1	
SAULT ST. MARIE	72	54	84	47	63	2	1.4	1.5	8.6	92	18.1	88	91	60	0	0	3	0	
MN ALEXANDRIA	68	54	85	47	61	-5	1.1	1.3	8	80	15.4	83	95	56	0	0	4	1	
DULUTH	67	48	83	41	58	-3	1.6	1.7	9	12.5	20.3	97	96	60	0	0	3	1	
INT'L FALLS	64	47	73	39	56	-5	1.7	1.1	1.4	11.6	18.1	107	97	63	0	0	4	1	
MINNEAPOLIS	73	55	86	49	64	-4	1.4	1.6	7	13.4	19.4	99	95	56	0	0	2	2	
ROCHESTER	73	54	85	42	63	-2	2	1.6	6	60	15.5	77	97	64	0	0	2	0	
MS GREENWOOD	88	68	95	56	78	-2	4.7	4.2	2.3	16.8	31.5	85	96	54	3	0	4	2	
JACKSON	86	67	94	55	77	-4	4.8	4.0	4.0	17.6	30.5	83	100	57	1	0	2	2	
MERIDIAN	88	69	94	57	78	-1	5.5	4.8	4.2	22.8	45.3	120	91	51	3	0	4	2	
MO CAPE GIRARDEAU	83	64	90	54	74	-1	1.4	1.1	9.5	90	22.9	74	98	58	2	0	2	1	
COLUMBIA	86	60	93	50	73	-2	1.2	1.6	2	8.0	17.7	70	98	44	3	0	1	0	
KANSAS CITY	81	60	89	50	70	-6	1.0	1.1	7	21.7	34.7	137	96	56	0	0	2	1	
SAINT LOUIS	85	65	93	55	75	0	2.9	2.3	1.8	8.7	19.1	79	92	48	2	0	2	2	
SPRINGFIELD	84	62	90	50	73	-2	1.4	1.7	1.4	16.7	26.5	100	94	49	1	0	1	1	
MT BILLINGS	69	42	88	35	56	-12	1.1	1.1	1	4.7	9.6	89	76	29	0	0	2	0	
GLASGOW	67	44	83	38	56	-11	1.1	1.2	1	5.4	7.2	82	86	38	0	0	1	0	
GREAT FALLS	64	38	78	30	51	-14	1.7	1.4	7	6.4	12.9	95	85	35	0	3	3	1	
HAVRE	65	42	79	33	53	-12	1.5	1.3	5	4.9	6.1	67	84	40	0	0	1	1	
HELENA	66	37	83	28	52	-12	1.3	1.1	3	4.4	10.5	75	84	29	0	1	1	0	
KALISPELL	67	36	76	31	51	-10	1.7	1.3	7	6.7	15.3	110	92	31	0	1	0	0	
MILES CITY	70	45	87	37	57	-12	1.4	1.1	4	7.1	11.2	103	83	35	0	0	1	0	
MISSOULA	69	39	83	30	54	-9	1.2	1.2	0	4.5	8.6	94	84	26	0	1	2	0	
NE GRAND ISLAND	75	56	91	49	66	-6	1.3	1.3	15.2	174	25.3	141	93	55	1	0	1	1	
LINCOLN	79	58	90	51	68	-5	1.6	1.2	6	11.1	10.8	93	91	54	2	0	1	1	
NORFOLK	73	55	87	49	64	-7	1.6	1.1	1.5	13.5	20.9	111	92	59	0	0	2	1	
NORTH PLATTE	71	48	84	40	60	-10	3.3	2.9	1.6	12.7	15.1	136	96	54	0	0	4	2	
OMAHA	76	58	87	55	67	-6	1.5	1.4	5	13.0	24.3	108	89	63	0	0	2	1	
SCOTT'S BLUFF	70	46	89	40	58	-11	1.7	1.5	4	7.4	130	12.7	108	95	44	0	0	4	0
VALENTINE	69	46	90	37	57	-12	1.2	1.7	7	12.0	15.8	112	91	52	1	0	3	1	
NV RLY	79	36	86	31	58	-5	1.7	1.1	7	3.9	197	7.1	113	34	12	0	2	0	0
LAS VEGAS	98	73	102	67	85	-1	0	0	3	27	6.9	254	35	11	7	0	0	0	0
RENO	85	48	91	42	66	1	1.1	1.0	1	1.6	3.0	61	48	11	2	0	1	0	
WINNEMUCCA	83	39	91	28	61	-5	1.0	1.1	0	5	2.0	38	38	13	2	2	0	0	0
NH CONCORD	86	62	90	55	74	9	1	1	1	8.9	19.1	82	99	50	2	0	1	0	0
NJ ATLANTIC CITY	84	60	89	52	72	0	1.4	1.6	3	13.6	23.6	83	99	55	0	0	2	0	0
NM ALBUQUERQUE	83	56	89	50	70	-5	1.4	1.1	3	4.9	8.3	156	74	27	0	0	2	0	0
CLOVIS	83	58	92	55	70	-4	2.1	1.6	1.5	8.2	17.5	143	90	35	1	0	4	1	1
ROSWELL	90	63	97	58	76	0	1	1	0	4.8	103	11.9	171	80	30	4	0	2	0
NY ALBANY	85	61	90	54	73	6	1.4	1.4	4	8.1	19.3	83	87	48	1	0	2	0	0
BINGHAMTON	78	59	84	51	69	4	1.3	1.3	10.4	102	27.2	112	96	57	0	0	2	1	1
BUFFALO	79	63	85	55	71	3	1.8	1.4	14.9	156	30.4	127	92	60	0	0	2	1	1
NEW YORK	86	69	91	64	78	4	2	1.8	1.1	11.8	108	23.1	81	88	49	1	0	2	0
ROCHESTER	82	62	87	53	72	4	2.6	1.8	1.2	12.3	148	25.5	123	97	59	0	0	3	3
SYRACUSE	84	63	88	55	73	6	1.8	1.0	1.4	12.4	114	30.0	117	94	52	0	0	3	1
NC ASHEVILLE	79	62	86	54	70	-1	1.7	1.7	7	14.9	29	116	99	60	0	0	4	2	2
CHARLOTTE	84	68	88	61	76	-1	1.4	1.2	12.1	111	30.7	102	89	53	0	0	3	0	0
GREENSBORO	84	63	88	55	74	-1	1.4	1.6	3	11.3	94	28.8	98	96	53	0	0	2	0
HATTERAS	86	71	88	67	78	1	1.9	1.5	6	20.1	130	41.4	116	96	61	0	0	3	1
NEW BERN	88	69	91	65	78	1	2	1.2	2	21.0	117	38.2	103	97	50	3	0	2	0
RALEIGH	85	65	89	58	75	-1	2	1.8	1	16.2	133	29.7	101	99	52	0	0	2	0
WILMINGTON	88	69	91	64	79	0	2	1.3	2	23.6	122	49.2	130	94	52	2	0	1	0
ND BISMARCK	68	46	84	36	57	-8	1.7	1.3	5	7.1	108	9.8	82	96	51	0	0	4	1
FARGO	69	50	79	41	59	-7	1.6	1.1	1.2	9.7	109	15.3	104	95	56	0	0	3	1
GRAND FORKS	67	49	81	41	58	-6	1.0	1.4	7	7.8	95	13.9	102	92	56	0	0	4	1
WILLISTON	65	46	83	38	56	-10	1.8	1.5	7	5.1	90	10.0	96	93	48	0	0	3	1
OH AKRON-CANTON	79	62	84	49	70	2	1.1	1.4	6	17.4	168	31.9	127	96	64	0	0	2	1
CINCINNATI	80	62	87	47	71	-2	1.6	1.9	1.0	13.8	125	27.5	97	100	62	0	0	4	1
CLEVELAND	80	64	87	53	72	3	1.9	1.1	8	16.2	163	32.0	132	96	62	0	0	5	1
COLUMBUS	81	63	87	50	72	1	2.2	1.4	1.9	18.5	161	30.7	115	99	60	0	0	2	1
DAYTON	80	61	87	49	71	-1	3.5	2.9	2.2	14.6	146	30.2	121	97	59	0	0	5	2

Based on 1951-80 normals.

Weather Data for the Week Ending August 29, 1992

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT			NUMBER OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE	MAXIMUM	MINIMUM	90 AND ABOVE	92 AND BELOW	.01 INCH OR MORE		.50 INCH OR MORE	
																			TEMP. °F	PRECIP.		
TOLEDO	80	61	88	47	70	2	1.5	.8	.8	10.2	106	23.3	106	97	61	0	0	0	4	1		
YOUNGSTOWN	79	61	86	51	70	2	2.1	1.3	1.2	14.4	134	27.8	108	98	60	0	0	0	3	2		
OK OKLAHOMA CITY	84	64	91	59	74	-5	1.2	.6	.9	16.0	176	28.0	128	89	47	2	0	0	2	1		
TULSA	88	67	93	59	77	-2	1.1	.7	1.1	13.5	125	27.1	103	85	41	4	0	0	0	0		
OR ASTORIA	73	47	82	43	60	0	.0	-1.5	.0	1.5	30	25.8	67	96	47	0	0	0	0	0		
BURNS	77	34	89	24	56	-9	.0	-1.1	.0	4.0	325	6.4	103	54	14	0	4	0	0	0		
MEDFORD	94	50	100	48	72	2	.0	-1.1	.0	3.2	247	7.5	69	70	12	6	0	0	0	0		
PENDLETON	78	50	87	43	64	-6	.0	-1.1	.0	2.1	143	5.1	69	62	18	0	0	0	0	0		
PORTLAND	84	52	91	47	68	0	.0	-1.3	.0	1.3	46	15.6	74	90	21	1	0	0	0	0		
SALEM	86	47	92	44	67	2	.0	-2.0	.0	1.7	78	16.2	72	75	19	3	0	0	0	0		
PA ALLENTOWN	85	61	91	53	73	2	.3	-1.7	.2	12.4	106	24.7	84	96	50	2	0	0	2	0		
ERIE	80	66	86	58	73	6	1.3	.4	1.1	11.9	107	24.3	97	88	60	0	0	0	2	1		
HARRISBURG	86	64	93	57	75	2	.8	.1	.8	6.9	69	18.7	71	91	43	2	0	0	1	1		
PHILADELPHIA	86	66	91	58	76	2	.1	-1.8	.1	8.9	77	18.3	65	90	49	2	0	0	1	1		
PITTSBURGE	81	62	88	51	72	2	2.9	2.3	2.3	14.1	136	26.1	100	95	55	0	0	0	2	2		
SCRANTON	84	61	90	53	73	4	.5	-1.3	.4	7.4	74	18.5	80	94	48	1	0	0	2	0		
RI PROVIDENCE	83	65	87	60	74	5	.2	-1.7	.1	13.8	144	28.5	98	96	58	0	0	0	2	0		
SC CHARLESTON	88	73	89	70	80	1	.6	-1.8	.5	19.6	98	38.2	100	97	58	0	0	0	2	1		
COLUMBIA	88	68	90	61	78	-1	.4	-1.8	.4	18.0	119	33.8	93	94	51	1	0	0	2	1		
FLORENCE	88	69	90	66	79	0	T	-1.0	T	20.0	135	32.5	101	94	52	1	0	0	0	0		
GREENVILLE	83	64	88	53	73	-3	1.8	.8	1.1	13.2	105	37.0	104	97	59	0	0	0	4	1		
SD ABERDEEN	69	49	86	42	59	-8	.6	.2	.4	10.2	138	13.0	93	98	57	0	0	0	3	0		
HURON	69	50	84	43	59	-10	.8	.4	.6	13.1	178	18.3	126	96	58	0	0	0	3	1		
RAPID CITY	68	46	81	42	57	-12	.4	.1	.3	5.9	89	11.5	86	83	41	1	0	0	3	0		
SIoux FALLS	71	54	84	49	63	-6	2.2	1.4	1.5	16.1	174	24.8	139	93	60	0	0	0	4	2		
TN CHATTANOOGA	83	63	88	54	73	-4	1.1	.3	.8	17.3	156	35.2	98	100	57	0	0	0	3	1		
KNOXVILLE	84	64	89	54	74	-2	.9	.2	.5	11.9	108	28.4	86	100	57	0	0	0	3	1		
MEMPHIS	86	68	92	58	77	-2	.2	-1.7	.2	16.0	145	32.2	89	91	53	3	0	0	1	0		
NASHVILLE	82	65	90	52	74	-3	2.6	1.8	1.4	13.5	127	27.4	81	97	58	1	0	0	3	2		
TX ABILENE	88	63	93	50	76	-6	T	-1.6	T	8.1	118	19.9	127	86	36	5	0	0	2	0		
AMARILLO	83	59	92	55	71	-4	.6	.0	.5	12.0	135	18.7	127	89	39	1	0	0	2	1		
AUSTIN	94	70	101	65	82	-2	.5	-1.1	.4	7.9	114	35.7	178	86	35	6	0	0	2	0		
BEAUMONT	90	71	94	66	81	-2	.1	-1.2	.1	18.3	114	46.8	127	96	52	4	0	0	1	0		
BROWNSVILLE	94	74	96	73	84	0	.4	-1.5	.4	5.6	83	20.9	152	97	52	7	0	0	1	0		
CORPUS CHRISTI	92	73	97	69	82	-1	2.6	1.6	2.6	5.9	61	30.7	163	95	50	6	0	0	2	1		
DEL RIO	94	72	97	70	83	-1	.6	.2	.6	4.5	92	18.2	168	65	29	7	0	0	1	1		
EL PASO	92	68	96	63	80	1	.2	-1.1	.2	3.0	93	9.4	196	79	27	6	0	0	1	0		
FORT WORTH	91	67	94	59	79	-4	.4	-1.1	.3	9.9	156	28.2	136	85	38	5	0	0	2	0		
GALVESTON	88	77	97	73	82	0	1.1	-1.1	1.0	8.4	74	37.4	150	81	50	2	0	0	3	1		
HOUSTON	91	69	97	61	80	-2	.2	-1.8	.2	9.3	80	40.1	135	98	48	2	0	0	2	0		
LUBBOCK	86	61	95	57	74	-3	.8	.3	.8	7.3	103	18.6	147	90	43	2	0	0	1	1		
MIDLAND	85	63	92	59	74	-5	.2	-2.1	.1	6.4	139	19.8	222	98	47	1	0	0	3	0		
SAN ANGELO	90	65	94	54	78	-4	.1	-2.5	.1	8.5	179	17.7	157	87	35	5	0	0	2	0		
SAN ANTONIO	94	69	100	61	82	-2	T	-1.7	T	9.5	129	38.8	210	89	36	6	0	0	1	0		
VICTORIA	94	71	100	62	83	-1	T	-1.0	T	5.2	52	40.6	178	94	42	6	0	0	1	0		
WACO	95	65	99	53	80	-4	.0	-1.5	.0	5.6	92	27.6	136	90	33	6	0	0	1	0		
WICHITA FALLS	91	65	98	53	78	-4	T	-1.6	T	10.8	161	19.6	110	85	35	5	0	0	0	0		
UT CEDAR CITY	80	49	86	40	64	-5	1.9	1.6	1.4	3.1	117	8.0	114	71	21	0	0	0	2	2		
SALT LAKE CITY	80	50	92	42	65	-7	.0	-2.0	.0	.9	36	6.9	65	49	12	1	0	0	0	0		
VT BURLINGTON	86	64	90	56	75	10	.4	-1.4	.3	8.0	75	18.4	83	97	50	2	0	0	2	0		
VA NORFOLK	86	68	91	64	77	0	.8	-1.4	.5	21.1	154	35.0	112	94	55	3	0	0	2	0		
RICHMOND	87	65	92	57	76	0	.4	-1.6	.3	14.4	107	32.0	107	97	52	3	0	0	2	0		
ROANOKE	84	61	92	53	73	-1	.6	-1.3	.5	11.0	106	30.8	115	96	47	2	0	0	2	1		
WA QUILLAYUTE	70	47	79	41	59	0	.0	-1.8	.0	3.4	42	51.6	87	96	54	0	0	0	0	0		
SEATTLE-TACOMA	78	53	85	49	65	2	.0	-1.3	.0	2.7	84	19.6	93	83	31	0	0	0	0	0		
SPOKANE	74	46	83	37	60	-6	T	-1.2	T	2.9	126	8.2	80	70	22	0	0	0	0	0		
YAKIMA	82	42	90	37	62	-5	.0	-1.1	.0	1.7	167	3.8	79	84	21	1	0	0	0	0		
WV BECKLEY	78	60	85	50	69	2	1.8	1.0	1.2	12.9	107	29.1	97	92	57	0	0	0	4	1		
CHARLESTON	83	63	90	55	73	1	1.6	.8	1.6	14.0	112	31.0	102	98	58	1	0	0	2	1		
HUNTINGTON	84	64	92	54	74	1	2.4	1.6	1.6	13.6	116	29.2	100	99	55	3	0	0	4	2		
PARKERSBURG	83	63	91	52	73	1	2.1	1.4	2.1	13.3	118	26.3	97	97	55	2	0	0	1	1		
WI GREEN BAY	76	54	90	46	65	0	.4	-1.3	.3	7.9	85	16.2	84	96	54	1	0	0	3	0		
LACROSSE	77	57	90	46	67	-1	.6	-1.3	.6	8.9	78	19.0	87	93	51	1	0	0	1	1		
MADISON	77	57	89	46	67	0	1.3	.5	.9	9.6	86	17.9	82	93	56	0	0	0	2	1		
MILWAUKEE	77	60	90	54	69	1	1.5	.8	.6	12.3	123	20.6	95	96	59	1	0	0	4	1		
WAUSAU	75	53	88	47	64	0	1.7	.7	1.0	7.1	60	17.9	80	96	54	0	0	0	3	2		
WY CASPER	69	43	87	38	56	-10	.3	-2.1	.1	3.1	112	7.1	84	84	39	0	0	0	4	0		
CHEYENNE	67	46	83	39	57	-8	1.2	.9	.7	5.9	114	10.2	97	84	43	0	0	0	3	1		
LANDER	73	44	85	37	59	-7	.1	.0	.1	4.1	163	10.1	105	65	22	0	0	0	1	0		
SHERIDAN	67	42	86	40	55	-11	.1	-2.0	.0	6.6	163	11.1	100	81	37	0	0	0	2	0		

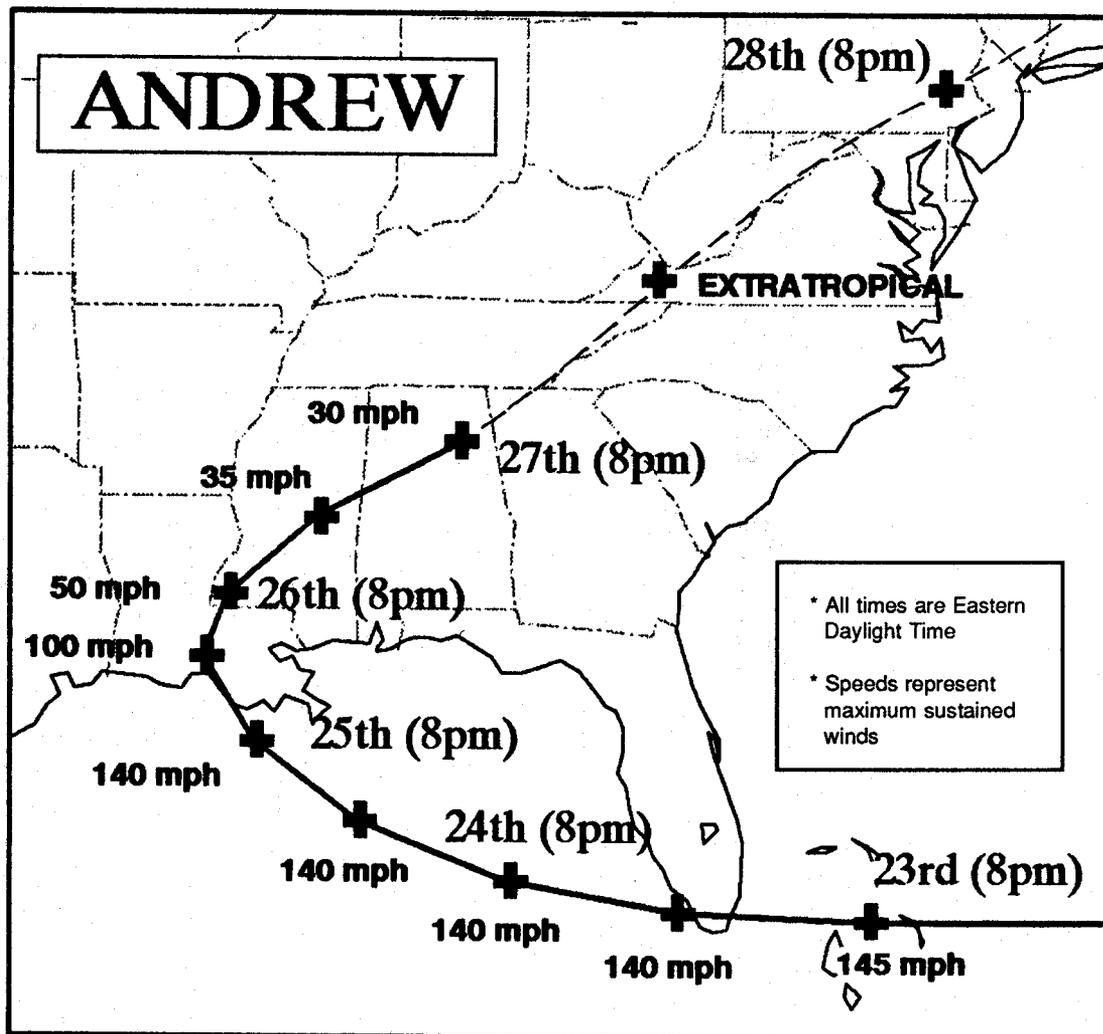
Based on 1951-80 normals.

Hurricane "Andrew" Strikes Louisiana

After tearing through southern Florida at daybreak on August 24, Hurricane "Andrew" careened across the northeastern Gulf of Mexico, maintaining its 140 miles per hour (mph) sustained wind strength. An approaching cold front forced "Andrew" to slow and turn northward as it approached the Louisiana coast. The storm skirted the coastal swamps of Terrebonne Parish before making landfall during the pre-dawn hours of August 26 in south-central Louisiana's St. Mary Parish.

"Andrew" weakened rapidly over land, but produced more than 4 inches of rain throughout Mississippi and eastern Louisiana. Up to 10 inches deluged areas north of Baton Rouge, LA. The storm's extratropical remnants produced tornadoes as far north as Maryland and southeastern Pennsylvania on August 28.

In terms of agricultural impacts, "Andrew" caused significant damage in extreme southern Florida, and also affected crops in the lower Mississippi Valley. The nursery industry in Dade County, FL, "was devastated by the hurricane," and packing houses for vegetables, limes, and avocados were "heavily damaged or destroyed" according to the State's agricultural summary. In Louisiana, sugarcane in coastal parishes sustained locally "severe" damage. Louisiana's statewide sugarcane condition plummeted from 100 percent good to excellent a week ago to 37 percent good to excellent on August 30. Fifty-three percent of the crop rated very poor to poor. The rice crop appeared to be slightly affected, with conditions dropping slightly in Mississippi and Louisiana.



National Agricultural Summary

August 24 - 30, 1992

HIGHLIGHTS: Hurricane Andrew caused heavy damage to southern Louisiana sugarcane, in addition to the destruction of most southern Florida limes and avocados remaining for harvest. Scattered showers across the Central and Eastern United States halted or slowed crop harvests. Relatively cool, damp weather in the North Central States continued to delay field crop progress.

SMALL GRAINS: Winter wheat harvest was nearly completed in the Pacific Northwest and continued in the North Central States. Seeding of 1993 crop winter wheat was becoming more common. Spring wheat harvest was hindered by rain, and progress remained well behind normal. Spring wheat harvest was only 40 percent (%) complete in the five major producing States, 50 percentage points behind last year and 51 points behind the 5-year average. Harvest was nearing completion in Idaho, but was very delayed in Montana, Minnesota, and the Dakotas. Barley, oats, and rye harvests continued as weather permitted in Northern and Central States.

CORN: Corn progress remained severely delayed in the Corn Belt, as cool weather continued to inhibit development. Crop progress was well behind normal throughout the Corn Belt, with the most extreme delays in the northernmost States. Seventy-one percent of the crop was in the dough stage in the 17 major States, compared with 91% last year and 89% average. Thirty percent of the crop had dented, compared with 72% last year and 64% average. Heavy rains across much of the Southeast halted early harvest activities. Corn harvest was well past the halfway point of completion in Texas, as mostly dry weather permitted rapid progress. Crop condition rated predominately good in the major States, although 20% of Minnesota's crop rated poor or very poor.

SOYBEANS: Progress of soybean pod setting was slightly ahead of normal for the 19 major producing States, despite delays in the northernmost producing States. Pods were setting on 93% of the acreage, 2 points ahead of both last year and the historic average. Leaves were dropping on 2% of the acreage, compared with 13% last year and 8% average. Crop condition remained mostly good for the 19 major States. Soybean harvest was near completion in Texas' Blacklands, while considerable disease and stink bug damage occurred in the State's Upper Coast region.

COTTON: Cotton progress was near normal in the 14 major producing States. Bolls were opening on 24% of the acreage, matching last year's progress and lagging the historic average by just 2 points. Cool, wet weather in the central and eastern producing States further lowered crop condition ratings, with the crop rating mostly fair. Defoliation and picking gained momentum in the Southwest.

GRAIN SORGHUM: Below-normal temperatures in the High Plains and Great Plains kept sorghum development behind schedule. Heading was 89% complete in the 12 major producing States, 7 points behind both last year and the 5-year average. Coloring was 41% complete, compared with 57% last year and the 53% average. Harvest

was halted or slowed by rains in the Gulf Coast States.

RICE: Heavy rains halted harvest in Louisiana and Mississippi, holding progress during the week to just 2 percentage points in the five major producing States. Harvest was 22% complete in the five major States, compared with 28% last year and 25% average. Harvest was over 50% complete in Louisiana and Texas, beginning in Arkansas and Missouri, and yet to begin in California.

OTHER FIELD CROPS: Southern Louisiana sugarcane was heavily damaged by hurricane Andrew, but total acreage losses are expected to be modest. Much of the sugarcane damage is expected to be manifested in lower yields and reduced sugar content. Scattered rains from Arizona eastward thwarted haying and damaged cut hay remaining in fields. Potato harvest was gaining momentum in the major producing States. Sunflower harvest was underway in California, while the Dakota sunflowers were developing in mostly good condition. California's safflower harvest was also underway. Planting of sugar beets for harvest next year was undertaken in California, while harvest of this year's crop continued. Tobacco harvest was interrupted by rains across much of the East.

FRUIT AND NUTS: Lemon harvest was active in western Arizona. California's table grape harvest progressed, as did the harvesting of raisin and wine grapes. Almonds and early varieties of walnuts were being harvested in California. Florida suffered extensive production and tree losses in the principal lime and avocado producing areas with the passing of hurricane Andrew; harvests of both crops were underway. Grape harvest began in Washington. Apple and pear picking was active in the Pacific Northwest.

VEGETABLES: Melon, squash, cabbage, and pepper harvests continued in Arizona. California's broccoli, cauliflower, carrot, celery, and lettuce harvests continued, while sweet corn harvest was winding down. California's fresh market and processing tomato movement also started to decline. Onion harvest was ending in New Mexico and Texas, and was in full swing in the northern producing States. Sweet corn harvest was active in the central and northern producing States.

PASTURES AND LIVESTOCK: Continued cool weather and good range and pasture conditions in the Central and Eastern States were favorable to livestock. Dry weather continued to prevail in the Northwest and Great Basin, where range and pasture conditions rate mostly poor.

Crop Progress

for the Week Ending August 30, 1992

COTTON (Bolls Opening)

	Current	Last Wk	1991	Avg.
AL	18	5	30	31
AZ	70	50	39	62
AR	10	5	17	22
CA	50	20	15	25
GA	11	5	26	34
LA	60	54	13	41
MS	29	13	32	46
MO	3	0	24	33
NM	3	2	17	22
NC	17	15	21	22
OK	6	5	4	6
SC	12	1	25	20
TN	7	3	22	21
TX	19	16	27	21
14 States	24	16	24	27

These 14 States produced 99% of the 1991 cotton crop.

GRAIN SORGHUM (Percent Headed)

	Current	Last Wk	1991	Avg.
AR	100	100	92	96
CO	65	49	79	81
IL	97	93	100	93
KS	80	55	90	90
LA	100	100	95	98
MS	100	100	100	100
MO	96	94	94	94
NE	96	90	100	98
NM	89	66	97	NA
OK	92	74	84	91
SD	78	54	91	92
TX	89	85	98	97
12 States	87	74	94	NA
Excl. States with NA	87	75	94	94

These 12 States produced 98% of the 1991 grain sorghum crop.

GRAIN SORGHUM (Percent Coloring)

	Current	Last Wk	1991	Avg.
AR	92	85	64	75
CO	8	7	14	23
IL	57	41	65	53
KS	15	10	35	30
LA	100	97	78	83
MS	96	95	70	81
MO	61	47	60	59
NE	13	10	68	54
NM	14	12	46	NA
OK	67	27	36	60
SD	16	10	45	50
TX	73	71	81	74
12 States	41	36	57	NA
Excl. States with NA	41	36	57	53

These 12 States produced 98% of the 1991 grain sorghum crop.

CORN (Percent Dough)

	Current	Last Wk	1991	Avg.
CO	47	36	57	64
GA	100	100	100	100
IL	86	81	99	92
IN	87	80	99	91
IA	57	43	76	88
KS	90	75	99	96
KY	99	90	99	97
MI	20	4	85	70
MN	58	39	90	92
MO	94	88	99	96
NE	86	67	99	96
NC	92	90	98	96
OH	85	75	100	90
PA	44	30	81	64
SD	50	33	95	88
TX	93	89	100	100
WI	40	30	80	75
17 States	71	59	91	89

These 17 States produced 94% of the 1991 corn crop.

CORN (Percent Dented)

	Current	Last Wk	1991	Avg.
CO	14	3	23	27
GA	100	99	100	100
IL	40	29	92	73
IN	34	24	89	65
IA	21	12	55	67
KS	50	35	75	70
KY	82	60	85	75
MI	2	0	45	30
MN	10	4	51	57
MO	69	58	89	83
NE	29	10	78	65
NC	86	74	89	86
OH	25	15	90	60
PA	7	3	41	25
SD	16	15	74	60
TX	87	75	92	93
WI	8	5	48	41
17 States	30	20	72	64

These 17 States produced 94% of the 1991 corn crop.

RICE (Percent Harvested)

	Current	Last Wk	1991	Avg.
AR	7	3	10	5
CA	0	0	0	0
LA	58	56	61	57
MS	3	2	12	7
TX	55	44	77	80
5 States	22	18	28	25

These 5 States produced 97% of the 1991 rice crop.

SOYBEANS (Percent Setting Pods)

	Current	Last Wk	1991	Avg.
AL	72	59	69	66
AR	82	71	58	67
GA	87	79	95	91
IL	98	95	100	98
IN	99	95	99	95
IA	99	96	96	99
KS	90	80	90	90
KY	78	52	77	70
LA	95	90	68	82
MI	60	50	98	90
MN	98	95	99	99
MS	88	83	72	73
MO	94	80	86	87
NE	95	92	100	98
NC	64	42	67	58
OH	100	85	100	100
SC	72	53	57	59
SD	85	79	100	99
TN	80	60	61	72
19 States	93	85	91	91

These 19 States produced 95% of the 1991 soybean crop.

SOYBEANS (Percent Dropping Leaves)

	Current	Last Wk	1991	Avg.
AL	3	1	1	3
AR	5	3	4	1
GA	2	1	4	5
IL	2	1	21	11
IN	4	0	22	13
IA	0	0	4	9
KS	4	2	25	10
KY	8	7	8	7
LA	4	0	0	2
MI	0	0	4	2
MN	1	0	5	8
MS	5	3	1	5
MO	1	0	2	1
NE	0	0	8	6
NC	0	0	0	0
OH	2	0	46	16
SC	0	0	0	0
SD	6	2	39	24
TN	2	0	1	3
19 States	2	1	13	8

These 19 States produced 95% of the 1991 soybean crop.

SPRING WHEAT (Percent Harvested)

	Current	Last Wk	1991	Avg.
ID	93	84	54	68
MN	28	26	98	97
MT	32	19	68	76
ND	35	29	94	92
SD	73	61	100	100
5 States	40	33	90	91

These 5 States produced 87% of the 1991 spring wheat crop.

Crop Condition
(Percent)

for the Week Ending August 30, 1992

CORN

State	VP	P	F	G	EX
CO	1	7	16	59	20
GA	0	0	11	66	23
IL	0	0	8	78	14
IN	0	0	18	71	11
IA	0	0	9	70	21
KS	0	5	4	45	46
KY	0	0	3	64	33
MI	3	7	25	50	15
MN	5	15	42	35	3
MO	0	0	10	73	17
NE	0	9	12	56	23
NC	0	5	39	49	7
OH	1	4	23	49	23
PA	1	2	17	49	31
SD	1	2	20	58	19
TX	0	5	13	63	19
WI	2	7	40	50	1
17 State	1	4	17	61	17
Prev Week	1	4	16	61	18
Prev Year	4	14	37	37	8

SOYBEANS

State	VP	P	F	G	EX
AL	0	0	2	90	8
AR	0	0	22	56	22
GA	0	0	10	78	12
IL	0	0	23	72	5
IN	0	2	17	73	8
IA	0	0	18	72	10
KS	0	0	11	46	43
KY	0	3	17	72	8
LA	1	13	50	36	0
MI	2	8	20	45	25
MN	3	18	48	30	1
MS	0	1	23	73	3
MO	0	3	21	68	8
NE	0	3	8	66	23
NC	0	1	25	69	5
OH	2	8	29	46	15
SC	0	0	54	46	0
SD	0	7	29	54	10
TN	0	0	9	78	13
19 State	1	4	24	60	11
Prev Week	1	4	23	60	12
Prev Year	4	12	45	35	4

COTTON

State	VP	P	F	G	EX
AL	0	0	4	93	3
AZ	0	0	30	50	20
AR	0	0	55	45	0
CA	0	0	0	70	30
GA	0	0	28	69	3
LA	0	2	41	57	0
MS	0	1	67	27	5
MO	0	0	55	36	9
NM	0	0	53	47	0
NC	0	0	50	48	2
OK	28	7	17	48	0
SC	0	1	87	12	0
TN	0	0	22	78	0
TX	8	22	45	23	2
14 State	5	11	40	39	5
Prev Week	5	5	48	37	5
Prev Year	0	4	33	56	7

GRAIN SORGHUM

State	VP	P	F	G	EX
AR	0	0	0	82	18
CO	2	7	8	63	20
IL	0	0	29	67	4
KS	0	2	22	47	29
LA	0	8	41	51	0
MS	0	0	26	69	5
MO	0	0	14	70	16
NE	0	3	22	61	14
NM	0	0	27	73	0
OK	0	0	3	94	3
SD	1	3	19	61	16
TX	0	5	24	64	7
12 State	0	3	21	60	16
Prev Week	0	2	26	54	18
Prev Year	5	18	36	36	5

RICE

State	VP	P	F	G	EX
AR	0	0	24	76	0
CA	0	0	5	75	20
LA	1	9	69	21	0
MS	0	0	60	40	0
TX	0	0	31	66	3
5 State	0	1	45	52	2
Prev Week	0	0	30	67	3
Prev Year	0	0	39	60	1

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

State Summaries of Weather and Agriculture

These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service.

ALABAMA: Rainfall 1.00 to 2.25 in. north, central, 0.50 to 1.00 south. Temperatures 3 to 6° below normal north; 4 to 6° below normal central; 2 to 5° south. Lows 49 to 57° north; 51 to 56° central; 55 to 61° south. Highs 85 to 90° north; 87 to 91° central; 89 to 92° south.

Days suitable for fieldwork 3.4. Soil moisture 45% adequate, 55% surplus. Scattered showers delayed harvest of hay, corn, sorghum, peanut digging. Cool, cloudy weather hampered cotton development, contributed to disease increase in peanuts. Corn 86% mature, 87% 1991, 86% avg.; 28% harvested, 50% 1991, 48% avg.; 9% fair, 52% good, 39% excellent. Sorghum 5% harvested, 16% 1991, 26% avg.; 12% fair, 70% good, 18% excellent. Peanuts 2% dug, 5% 1991, 4% avg.; 13% fair, 86% good, 1% excellent. Pasture 5% fair, 53% good, 42% excellent. Livestock 1% fair, 85% good, 14% excellent. Primary activities: Scouting fields for insects, diseases; applying fungicides, herbicides, insecticides to peanuts, cotton; harvesting vegetables, hay, corn, sorghum where dry enough; plowing fields for small grain seeding; marketing cattle; repairing machinery; general care of livestock, poultry, catfish.

ALASKA: Usual fall weather, warm days, cooler nights, scattered rain showers. Highs 5° below normal to 6° above normal. Lows 3° below normal to 3° above normal. Seasonal precipitation 0.43 in. wetter than normal, Fairbanks to 4.01 in. drier than normal, PMC-Butte, Palmer area.

Days suitable for haymaking 2.0. Potato digging 5.0. Topsoil, subsoil moisture short to mostly adequate. Small grains: Oats 100% turning/earlier. Barley 65% ripe; 15% swathed; 15% harvested. First crop hay harvest 90% complete. Second crop harvest 25% complete, 40% 1991. Commercial potato harvest underway.

ARIZONA: Thunderstorms: 23rd, statewide; Rain showers 24th, eastern; 25th, north; 26th, north, east; 28th, southeast; 29th, southeast, west central. Precipitation a trace to 0.06 in. southwest to 2.33 in. south central. Temperatures 2 to 8° below normal. Extremes 40°; 95° higher elevations; 56°; 107° deserts.

Cotton bolls opening 70%, 39% 1991, 62% avg.; 30% fair, 50% good, 20% excellent; weeds light to moderate; insects moderate to severe, central, severe, west; light, east. Activities included insect monitoring, pesticide applications, irrigating, statewide; defoliating, west, central; harvesting, west. Alfalfa condition good; weeds, insects light to moderate; harvest, moderate, light rain damage statewide, except south central moderate to severe damage. Lemon harvest, west. Cantaloupes, watermelons, honeydews, bell peppers harvested, central. Apples, cabbage, squash, garlic, corn harvested, east. Chili peppers harvested central, east. Pasture, range 103% of normal. Cattle, calves, good statewide. Stockwater, soil moisture, mostly adequate statewide. Range feed supplies average to above average, statewide. Insect damage, light.

ARKANSAS: Temperatures below normal, scattered showers statewide midweek. Extremes 46°; 98°. Rainfall none to 2.28 in.

Days suitable for fieldwork 6. Soil moisture 49% short, 46% adequate, 5% surplus. Main farming activities: Scouting cotton, applying insecticides to cotton, applying herbicide to soybeans, draining rice fields, harvesting milo, corn, rice, hay, pasture weed control, fall forage planting, working cattle, harvesting fruits, vegetables. Cloudy, cool days continued to hamper progress on cotton, rice crops. No storm damage was reported as Hurricane Andrew missed the State. Rice harvest getting into full swing. Cotton boll weevil activity remained high in southeast, east central. Sunny, warmer days needed for cotton maturity. Soybean disease pressure increased in east central. Sudden death syndrome reported in southwest. Sorghum harvested 19%, 22% 1991, 16% avg. 16%. Sodium chloride applied to fields in east central to dry vegetation. Corn 2% poor, 8% fair, 59% good, 31% excellent; harvested 28%, 54% 1991, 38% avg. Peach fair to good. Harvest nearing completion. Watermelon harvest continued, nearing 90% complete. Livestock good. Some cases of anaplasmosis reported in southwest. Pastures mostly good. Hay harvest continued.

CALIFORNIA: Strong high pressure continued with hot weather over interior and cooler temperatures near coast.

Open weather permitted good progress field activities. Small grain harvest complete, most areas. Cotton good growth. Many received final irrigation. Defoliation, harvest gained momentum, desert areas. Rice fields drained, preparation for harvest. Crop development excellent. Dry beans sprayed insects, mites. Alfalfa, grain sorghum treated aphids, armyworms. Alfalfa seed, black eye beans, grain corn, silage corn, safflower, sugarbeets harvested. Sunflower harvest underway. Next year's sugarbeets planted. Alfalfa hay harvest normal. Peach, nectarine seasons drew to close. Plum harvest 95% complete, Angelino variety accounted 83% movement. Table grape harvest progressed. Raisin growers, laying grapes, turning trays; some varieties boxed. Harvest Thompson Seedless, red grape varieties used wine, juice. Almonds, early variety walnuts harvested. Walnuts treated codling moth northern area. Granny Smith apples, McIntosh apples, Asian pears, persimmons, prunes harvested. Fig harvest winding down. Pomegranate harvest increasing. Quince harvest began Reedley District. Desert lemons, grapefruit, avocados harvested. Tulare hot weather slowed development new crop Navels. Strawberry demand exceeding supplies central coast. Asparagus being planted Modesto area. Broccoli moderate Salinas-Watsonville, light Santa Maria, variable quality. Cauliflower light, variable quality central coast. Carrot harvest continued central district. Celery moderate, good quality central coast. Sweet corn harvest winding down. Iceberg lettuce central coast moderate, variable quality. Fall lettuce planting continued Westside area.

Leaf, Romaine lettuce volume moderate, variable quality Salinas-Watsonville. Westside melon harvest continued at slow pace, other areas shipments proceeded, good quality. Desert melons maturing fairly well despite whiteflies. Summer onion digging progressed central, southern districts. Summer potato harvest continued Delta, south districts. Early fall potato fields Tulelake-Butte Valley being defoliated. Sweet potato harvest increased central valley. Fresh market, processing tomato movement started to decline Statewide. Range, pasture good to very poor. Forage very dry, extreme fire hazard. Conditions continued to rapidly deteriorate, many producers feeding hay. Livestock continued to look good. Cattle movement continued above normal. Water, feed supplies below normal to poor. Sheep graze wheat stubble.

COLORADO: Several locations in eastern part of the State over 1.00 in. of rain, almost 3.00 in. near Kansas border on 24th. Scattered showers mainly in the mountains, east on 23rd, 26th, 27th with generally 0.25 to 0.50 in. Temperatures 3 to 6° below normal in the Arkansas basin, west of the Divide and 6 to 9° below in the northeast, San Luis Valley.

Days suitable for fieldwork 3.1. Soil moisture 5% short, 70% adequate, 25% surplus. Alfalfa 2nd cutting 80%, 67% 1991, 79% avg.; 3rd cutting 18%, 19% 1991, 21% avg. Barley harvested 71%, 44% 1991, 66% avg. Oats harvested 71%, 65% 1991, 64% avg. Spring wheat harvested 23%, 25% 1991, 33% avg. Sorghum headed 65%, 79% 1991, 81% avg.; turning color 8%. Dry beans cut 6%, 5% 1991, 9% avg.; 4% poor, 29% fair, 54% good, 13% excellent. Summer potatoes harvested 58%, 31% 1991, 32% avg. Corn dough stage 47%, 57% 1991, 64% avg.; dent stage 14%, 23% 1991, 27% avg.; development still behind normal; 1% very poor, 4% poor, 16% fair, 59% good, 20% excellent. Winter wheat seeding is just getting underway. Livestock mostly good. Pasture, range feed excellent.

FLORIDA: Temperatures 1 to 3° below normal. Highs around 90s over State. Lows: middle 50s interior Panhandle, around 70° central, south. Rainfall most locations 1.00 to 2.00 in., other locations under 0.50 to near 5.00 in. Hurricane Andrew crossed southern tip of State, bringing 1.00 to 5.00 in. rain to south Peninsula. By weekend, eastern edge of hurricane had brought 0.50 to 1.00 in. rain in Panhandle, Big Bend.

Soil moisture adequate to surplus throughout State. Flooding in scattered areas. Hurricane Andrew did only minor damage to sugarcane. Corn harvesting, haymaking active. Tobacco marketing active. Peanut harvesting starting. Cotton, soybeans, sugarcane making good progress. No damage to citrus from Hurricane Andrew. A lot of new foliage. Fruit progressing well, fruit testing continues, no harvest. Caretakers cutting cover crops, spraying, fertilizing, burning dead trees. Ground preparation, planting vegetables active. Rain hampered fieldwork. Crop condition good throughout State. North: Squash harvesting in 7 to 10 days, 3 weeks to snap beans, sweet corn harvest. West Central: Planting watermelons, cucumbers. Central area: Sweet corn planting almost complete, planting carrots, celery continuing. East Coast: Pepper, eggplant mostly good. Minimal damage from hurricane. Growers planting, staking peppers, tying eggplants, spraying. Southwest: Minimal damage from hurricane to laid plastic. Staked tomatoes mostly good, transplanting pace increasing.

Field preparation, laying plastic very active for cucumbers, eggplant, peppers, squash. Most Homestead vegetable growers to resume fieldwork in couple weeks after hurricane cleanup. Nursery industry in Dade County devastated by the hurricane. Packing houses for vegetables, limes, avocados heavily damaged or destroyed. State's pastures fair to excellent. Pasture 10% fair, 40% good, 50% excellent. Moisture levels mostly surplus. State's cattle herds good to excellent.

GEORGIA: Andrew remains brought rain north 1.00 to 2.00 in. above normal, rest of State within 1.00 in. normal. Rainfall 1.00 to 4.00 in. north to 0.25 to 1.25 in. south. Maximum temperatures mid 80s north, low 90s south. Lows dropped low 50s north, low 60s south, upper 60s southeast. Temperatures 1 to 2° below normal southeast, 1 to 2° above normal extreme southwest, 3 to 5° below normal elsewhere.

Days suitable for fieldwork 3.3. Soil moisture 2% short, 45% adequate, 53% surplus. Corn 98% mature, 98% 1991, 98% avg.; 35% harvested for grain, 61% 1991, 63% avg. Cotton 0% harvested, 0% 1991, 2% avg. Sorghum 1% poor, 14% fair, 83% good, 2% excellent; 13% harvested for grain, 13% 1991, 17% avg. Peanuts 21% fair, 77% good, 2% excellent; 1% dug, 9% 1991, 8% avg.; 0% threshed, 5% 1991, 3% avg. Soybeans 99% blooming, 100% 1991, 98% avg. Tobacco 92% harvested, 100% 1991, 95% avg. Other vegetables 5% poor, 64% fair, 29% good, 2% excellent. Apples 22% fair, 78% good; 32% harvested 46% 1991, 42% avg. Peaches 95% harvested, 100% 1991, 100% avg. Pecans 11% very poor, 10% poor, 76% fair, 3% good. Pastures, hay good. Hogs, cattle good.

IDAHO: Temperatures 6 to 12° below normal throughout the State. North only area to record measurable amounts of precipitation.

Days suitable for fieldwork 7. Three to four nights of frost killed potato vines, damaged a variety of other crops. Soil moisture 34% very short, 32% short, 34% adequate. Spring barley harvested 95%, 59% 1991, 72% avg. Oats harvested 88%, 56% 1991, 63% avg. Potatoes 89% turning, 67% vines dying/killed, 5% harvested; good. Second cutting alfalfa 97%, 87% 1991, 93% avg.; third cutting 40%, 13% 1991, 18% avg. Dry pea harvest 100%, 87% 1991, 94% avg. Lentil harvest 100%, 84% 1991, 88% avg. Mint 1st cutting 100%, 89% 1991, 91% avg. Onion harvest 40%, 20% 1991, 19% avg. Sweet corn for processing 45% harvested. Peach harvest 98% complete. Plum, prune harvest 75% complete, 61% 1991, 53% avg. Irrigation water supplies 31% very poor, 28% poor, 19% fair, 22% good. Activities: 2nd, 3rd cuttings of alfalfa, harvesting of small grains, mint, onions, potatoes. Pasture, range 50% of normal. Livestock fair to good.

ILLINOIS: Seasonably cool temperatures accompanied by moderate rainfall occurred across the State. Temperatures mid 50s to the high 70s. Precipitation 1.00 to 2.00 in. north, south, while holding to under 0.25 in. west, central parts of State.

Days suitable for fieldwork 5.0. Soil moisture 30% short, 70% adequate. Corn mature 7%, 50% 1991, 27% avg. Soybeans turning yellow 11%, 54% 1991, 30% avg. Corn harvested less than 1%, 3% 1991, 1% avg. Sorghum mature 4%, 18% 1991, 12% avg. Alfalfa third cutting 66%, 70% 1991, 70% avg. Pasture 80% of normal.

INDIANA: Temperatures 0 to 5° below normal. Highs mid 70s to low 80s. Lows mid 50s to mid 60s. Precipitation 0.50 to 1.00 in northern areas to 1.00 or more elsewhere.

Days suitable for fieldwork 4.7. Topsoil 16% short, 64% adequate, 20% surplus. Subsoil 17% short, 77% adequate, 6% surplus. Alfalfa third cutting 45%. Pasture 90%, 91% last week, 44% 1991. Soybeans turning color 10%, 56% 1991, 31% avg.

IOWA: Temperatures 2 to 7° below normal. Extremes 40°; 89°. Rainfall trace to 3.32 in.; average 0.87. This was the second coldest August and summer season on record.

Days suitable for fieldwork 5.1. Topsoil 6% short, 88% adequate, 6% surplus. Subsoil 2% short, 92% adequate, 6% surplus. Hay 15% fair, 71% good, 14% excellent. Pasture 15% fair, 64% good, 21% excellent. Corn in milk stage 95%, 93% 1991, 99% avg. Third cutting alfalfa 45% harvested, 64% 1991, 71% avg. Second cutting clover 90% harvested, 91% 1991, 97% avg. Another excellent week for livestock; responding well to cool temperatures.

KANSAS: Temperatures 3 to 7° below normal over State. Precipitation received all districts. Rainfall 0.17 in. northeast to 0.87 in. east central, southeast.

Days suitable for fieldwork 4.5. Surface moisture 17% short, 70% adequate, 13% surplus. Subsurface moisture 3% short, 92% adequate, 5% surplus. Row crops mostly good to excellent. Crop progress still behind normal because of cool temperatures, less than normal sunshine during growing season. Sunshine replaced rain many areas past week, crops progressed despite unseasonably low temperatures. Need hot sunny weather to speed progress to maturity, particularly sorghum. Weeds problem many areas. Insect, disease problems light. Pasture excellent. Forage, stockwater adequate over State. Ninety percent alfalfa cut third time. About 10% cut fourth time.

KENTUCKY: Cool, wet. Daytime highs lower to mid 80s, 2 to 4° below normal. Lows, lower 60s, 1 to 2° below mean. Rainfall 2.00 in., 1.00 in. over mean.

Days suitable for fieldwork 4.4. Soil moisture 1% very short, 10% short, 74% adequate, 15% surplus. Corn mostly good to excellent. Burley cutting 51% complete, dark tobacco 61% complete. Soybeans mostly good. Hay fair to mostly good. Most crops would benefit from sunshine, warmer temperatures.

LOUISIANA: Temperatures 2.1 to 3.8° below normal. Extremes 51°; 97°. Rainfall 0.47 in. west central to 6.68 in. southeast.

Days suitable for fieldwork 3.8. Soil moisture 3% very short, 15% short, 36% adequate, 46% surplus. Corn 1% very poor, 7% poor, 23% fair, 67% good, 2% excellent; 67% harvested, 85% 1991, 69% avg. Some knocked down due to hurricane. Cotton 0% harvested, 0% 1991, 1% avg. Scouting for insects, spraying active in cotton. Hay 75% second cutting, 33% 1991, 42% avg. Rice 98% headed, 93% 1991, 96% avg.; 77% ripe, 71% 1991, 71% avg. Fertilizing, flooding second crop active. Sorghum 89% ripe, 62% 1991, 62% avg.; 56% harvested, 35% 1991, 37% avg. Soybeans 100% blooming, 88% 1991, 94% avg.; 22% leaves turning color, 3% 1991, 11% avg. Sugarcane 33% very poor, 20% poor, 10% fair, 30% good, 7% excellent; 6% planted, 18% 1991, 17% avg. Damage from hurricane Andrew severe in coastal parishes. Elsewhere along hurricane path lodging was common. Sweet potatoes 2% poor, 30% fair, 68% good; 16% harvested, 25% 1991, 26% avg. Livestock 38% fair, 60% good, 2% excellent. Pastures 5% poor, 5% fair, 87% good,

3% excellent. Vegetables 11% very poor, 22% poor, 50% fair, 17% good.

MARYLAND & DELAWARE: **MARYLAND:** Precipitation 0.33 in. Temperature 75.0°, normal 73.2°. Extremes 49°; 94°.

Days suitable for fieldwork 5.4. Topsoil 16% short, 84% adequate. Subsoil 17% short, 83% adequate. Corn good; dough stage 64%, 93% 1991, 88% avg.; 32% dent, 81% 1991, 66% avg.; 2% mature, 44% 1991, 19% avg. Soybeans fair to mostly good; 86% blooming, 97% 1991, 91% avg.; 63% setting pods, 87% 1991, 75% avg. Tobacco good; 30% harvested. 55% 1991, 45% avg. Pastures excellent. Alfalfa third cutting 78%, other hay third cutting 27%. Fruit harvested; peaches 71%; apples 13%. Vegetable harvest active.

DELAWARE: Precipitation 0.27 in. Temperature 73.9°, normal 73.4°. Extremes 53°; 91°.

Days suitable for fieldwork 7.0. Topsoil 14% short, 86% adequate. Subsoil 14% short, 86% adequate. Soybeans fair to mostly good; 80% blooming, 99% 1991, 95% avg.; 53% setting pods, 77% 1991, 70% avg. Corn fair to good; 83% dough stage, 99% 1991, 93% avg.; 43% dent, 87% 1991, 76% avg. Sorghum 95% headed, 8% turned. Alfalfa third cutting 86%, other hay third cutting 52%, supplies mostly adequate. Peaches picked 82%; apples 12%. Vegetable, melon harvest nearing end. Pastures good to excellent.

MICHIGAN: Temperatures 0 to 6° below normal. Extremes 37°; 91°. Precipitation 0.41 to 2.87 in. across the State.

Days suitable for fieldwork 4.5. Soil moisture 10% short, 70% adequate, 20% surplus. Hay 85% second cutting, 95% 1991, 90% avg.; 35% third cutting, 45% 1991, 30% avg.; 1% very poor, 9% poor, 30% fair, 45% good, 15% excellent. Oats 90% ripe, 100% 1991, 100% avg.; 65% harvested, 99% 1991, 97% avg.; 1% very poor, 4% poor, 20% fair, 55% good, 20% excellent. Dry beans 60% setting pods, 97% 1991, 90% avg.; 3% very poor, 7% poor, 25% fair, 50% good, 15% excellent. Potatoes 40% harvested, 25% 1991, 30% avg. Pasture 85% of normal. Major activities: Cultivating row crops, harvesting fruit, vegetables.

MINNESOTA: Temperatures 5 to 9° below normal. Extremes 40°; 89°. Precipitation 0.30 to 2.15 in., 0.18 in. below normal to 1.41 in. above normal. Greatest weekly total 3.08 in.

Days suitable for fieldwork 3.3. Topsoil 1% very short, 7% short, 66% adequate, 26% surplus. Spring wheat 45% cut\swathed, 98% 1991, 98% avg.; 28% combined, 99% 1991, 97% avg. Oats 95% cut\swathed, 99% 1991, 99% avg.; 81% combined, 99% 1991, 98% avg. Barley 74% cut\swathed, 99% 1991, 99% avg.; 53% combined, 99% 1991, 99% avg. Corn 58% in dough, 90% 1991, 92% avg.; 10% dent, 51% 1991, 57% avg.; 0% mature, 7% 1991, 9% avg. Soybeans 7% turning yellow, 27% 1991, 38% avg.; 1% dropping leaves, 4% 1991, 8% avg. Winter Wheat 14% planted, 26% 1991, 25% avg. Rye 19% planted, 33% 1991, 28% avg. Sweet corn 40% harvested, 65% 1991, 70% avg. Potatoes 13% harvested, 10% 1991, 8% avg. Stubble 13% plowed and tilled, 52% 1991, 52% avg. Soybean 3% very poor, 18% poor, 48% fair, 30% good, 1% excellent. Corn 5% very poor, 15% poor, 42% fair, 35% good, 3% excellent.

MISSISSIPPI: Temperature 76°, 3.1° below normal. Extremes 50°; 95°. State received a great deal of rainfall following Andrew with the exception of the northwest part. Rainfall 3.86 in., 3.04 above normal. Soil temperature 80°.

Days suitable for fieldwork 3.0, 4.4 1991, 5.7 avg. Soil moisture 27% adequate, 51% surplus, 22% excessive. Corn dented 97%, 89% 1991, 92%

avg.; mature 81%, 80% 1991, 70% avg.; harvested 20%, 33% 1991, 25% avg.; silage harvested 73%, 80% 1991, 77% avg.; 2% poor, 22% fair, 58% good, 18% excellent. Cotton open bolls 29%, 32% 1991, 46% avg.; 1% poor, 67% fair, 27% good, 5% excellent. Peanuts harvested 30%, 54% 1991, 37% avg. Rice 99% heading, 87% 1991, 96% avg.; mature 40%, 34% 1991, 42% avg.; harvested 3%, 12% 1991, 7% avg.; 60% fair, 40% good. Sorghum coloring 96%, 70% 1991, 81% avg.; 68% mature, 48% 1991, 54% avg.; harvested 17%, 15% 1991, 22% avg.; silage harvested 60%, 75% 1991, 69% avg.; 26% fair, 69% good, 5% excellent. Soybeans 99% blooming, 90% 1991, 92% avg.; 88% podding, 72% 1991, 73% avg.; coloring 17%, 12% 1991, 15% avg.; shedding leaves 5%, 1% 1991, 5% avg.; 1% poor, 23% fair, 73% good, 3% excellent. Sweet potatoes harvested 15%, 40% 1991, 23% avg.; 41% fair, 59% good. Wheat 2% planted, 0% 1991, 1% avg. Hay harvested 87%, 87% 1991, 80% avg. Pecans 42% very poor, 27% poor, 23% fair, 6% good, 2% excellent. Livestock 83% good, 17% excellent. Pasture 95% of normal. Activities: Insect control, corn, sorghum, hay harvest.

MISSOURI: Temperatures 3° below normal. Rainfall 0.71 in., varying from less than 0.50 in. in northwestern, northeastern, central, southwestern districts, up to 1.78 in. southeast.

Days suitable for fieldwork 5.2. Topsoil 36% short, 60% adequate, 4% surplus. Driest areas are central, east central, southwestern, south central, 68% short or more. Row crops developing well, progress toward maturity slower than normal. Corn mature 20%, 48% 1991, 37% avg.; varying 7% northeast to 69% southeast. Soybeans turning color 8%, 14% 1991, 13% avg.; least advanced north central 4%, most advanced central, east central 15%. Sorghum coloring ranges 22% north central to 90% southeast. Sorghum mature 18%, 26% 1991, 23% avg.; most advanced southeast 37%, less than 5% other major districts. Cool, wet weather delaying opening of cotton bolls. Alfalfa third cutting 76%, 88% 1991, 87% avg. Pasture 1% very poor, 8% poor, 38% fair, 42% good, 11% excellent.

MONTANA: Record cold temperatures, especially north central. Temperature 6 to 10° below normal. Precipitation all stations. North central moisture mostly snow, up to 8 in.

Days suitable for fieldwork 4.3. Topsoil 28% short, 69% adequate, 4% surplus. Subsoil 39% short, 57% adequate, 4% surplus. Winter Wheat 77% harvested, 87% 1991, 91% avg. Barley 40% harvested, 71% 1991, 71% avg.; 3% very poor, 19% poor, 30% fair, 36% good, 12% excellent. Oats 41% harvested, 58% 1991, 71% avg.; 2% very poor, 12% poor, 25% fair, 36% good, 25% excellent. Sugarbeets 12% fair, 43% good, 45% excellent. Corn 1% poor, 27% fair, 37% good, 35% excellent. Dry beans 4% poor, 18% fair, 58% good, 20% excellent. Pasture, range feed 78%, down 7 points from last week. Second cutting alfalfa hay 74% harvested, 74% 1991, 78% avg.

NEBRASKA: Temperatures 6 to 12° below normal. Precipitation occurred the first half of the week varying from 0.40 in. northwest to over 4.00 in. southwest.

Days suitable for fieldwork 3.6. Topsoil 6% short, 76% adequate, 18% surplus. Subsoil 1% short, 94% adequate, 5% surplus. Row crops 1 to 2 weeks behind normal development. Corn 9% poor, 12% fair, 56% good, 23% excellent; 86% dough, 100% 1991, 96% avg.; 29% dent, 78% 1991, 65% avg. Soybean 3% poor, 8% fair, 66% good, 23% excellent; 95% setting pods, 100% 1991, 98%

avg.; 3% turning color, 36% 1991, 28% avg. Sorghum 3% poor, 22% fair, 61% good, 14% excellent; 96% headed, 100% 1991, 98% avg.; 13% coloring, 68% 1991, 54% avg. Alfalfa 1% poor, 20% fair, 63% good, 16% excellent; 60% third cutting, 76% 1991, 77% avg. Pasture, range 99% of normal.

NEVADA: Low pressure system brought cool, breezy weather northern half of State. Dry weather was the rule except for northwest. Some thunderstorms dropped spotty light rain showers far western portion of State. Temperatures normal all areas except northwest 5 to 10° below normal. Extremes 18°; 106°.

Irrigation water supplies remain short. Onion harvest beginning, digging potato crop just getting started. Hay harvest continues. Combining alfalfa seed made good progress. Ranges continue to deteriorate.

NEW ENGLAND: Precipitation none to 0.77 in. throughout region, with up to 3.72 in. extreme northern Maine. Temperatures high 60s to mid 70s; 5 to 11° above normal. Maximum temperatures mid 80s to low 90s. Minimum temperatures mid 40s to high 50s.

Days suitable for fieldwork 6. Soil moisture 17% short, 75% adequate, 8% surplus. Available grazing 3% short, 94% adequate, 3% surplus. Fieldwork progress 4 days behind schedule. Maine potatoes 7% harvested in central, southern regions, harvest beginning in northern Maine; good. Rhode Island potatoes 28% harvested, 35% 1991, 40% avg.; good. Massachusetts, Connecticut potatoes 26% harvested, 25% 1991, 16% avg.; good. Maine oats 23% harvested, 40% 1991, 34% avg.; good. Field corn 2% harvested, 7% 1991, 5% avg.; good. Connecticut, Massachusetts sweet corn 62% harvested, 76% 1991, 73% avg.; good. Second cut hay 72% harvested, 89% 1991, 81% avg.; good. Third cut hay 20% harvested, 36% 1991, 36% avg.; good. Shade tobacco 86% harvested; good. Outdoor tobacco 85% harvested; good. Apple harvest 10% harvested, color good, size medium; good. Peaches 39% harvested, size medium; good. Connecticut pears 6% harvested, size medium; good. Cranberry good to excellent, berries beginning to color. Maine wild blueberry crop 95% harvested, size medium; good to excellent. Major farm activities: Spraying for insects, spreading manure, harvesting field corn, vegetables, sweet corn, tomatoes, potatoes, apples, peaches, pears, blueberries, haying.

NEW JERSEY: Temperatures above normal. Extremes 43°; 92°. Rainfall 0.39 in. north, 0.17 in. central, 0.19 in. south. Heaviest 24 hour total 0.56 in. on 28th, 29th. Estimated soil moisture, in percent field capacity, averaged 73% north, 61% central, 56% south. Four inch soil temperatures averaged 69° north, 70° central, 71° south.

Soil moisture content adequate overall. Dandelion, dill, basil, broccoli rabe, collards, kale, okra, beets, green onions, cabbage, leeks, spinach, parsley, turnips in light volume. Cucumbers, pickles, squash, tomatoes, watermelon, in moderate supply. Eggplant, green beans, peppers, sweet corn, peaches in good volume. Potato, sweet potato harvest nearing completion. Tomato, peppers harvest mid way. Tomatoes cracking due to rain. Planting of fall vegetables nearing completion. Harvesting corn silage in central areas. Pastures good overall.

NEW MEXICO: Remnants of Hurricane Lester tracked across State early in the week, producing rainfall, especially in the west. Remainder of the week was generally dry. Higher rainfall

nearly 2.00 in. Unseasonably cool air settled over the State, generally 5° below normal.

Days suitable for fieldwork 5.8. Soil moisture 20% short, 80% adequate. Crop conditions: Alfalfa 20% fair, 77% good, 3% excellent. Corn mostly good. Chile mostly good with harvest very active. Onion harvest nearing end remaining crop in good shape. Lettuce 50% fair, 50% good. Apples 11% poor, 22% fair, 67% good, harvest started in southern areas of State. Pecans 15% fair, 85% good. Cattle, sheep, fair to excellent. Range, pasture 93% of normal.

NEW YORK: Widespread high temperatures. Areas in the southeast reached 90° on the 25th. A cold front moved into the eastern Great Lakes on the 27th; temperatures only reached the lower 70s near the St. Lawrence Seaway while the southeast continued in the 90s. Temperatures moderated over the weekend. Extremes 44°; 94°. Rainfall 0.18 to 2.37 in.

Days suitable for fieldwork 5.4. Soil moisture mostly adequate. Pasture 89% of normal. Hay, corn fair to mostly good. Second cutting of alfalfa 78% completed, 96% 1991, 89% avg. Drier weather needed for haying. Oats only 35% harvested, 94% 1991, 84% avg. Winter wheat 92% harvested, 100% 1991, average. Growers hoping for later-than-normal frost so crops can reach maturity. Warm, sunny days beneficial for fruit development. Early apple varieties being harvested. Later varieties good to excellent. Bartlett pear harvest underway in eastern areas. Outbreaks of black rot in some vineyards in Finger Lakes region. Oswego County onion crop fair to good. Fields being undercut. Orange County onion harvest continued, excellent condition. High humidity increased crop diseases in Suffolk County vegetables. Tomato harvest underway. Harvesting of other vegetable crops continued active. Volume of most crops harvested increased.

NORTH CAROLINA: Temperatures 1° below normal to 1° above normal. Precipitation 8.82 in. at Highlands to no precipitation at many locations.

Days suitable for fieldwork 5.2. Soil moisture 9% short, 63% adequate, 28% surplus. Crop condition: Pasture 24% fair, 72% good 4% excellent. Tobacco 1% very poor, 1% poor, 42% fair, 53% good, 3% excellent. Corn 5% poor, 39% fair, 49% good, 7% excellent. Cotton 50% fair, 48% good, 2% excellent. Peanuts 8% poor, 42% fair, 50% good. Soybeans 1% poor, 25% fair, 69% good, 5% excellent. Hay 33% fair, 64% good, 3% excellent. Sweet potatoes 8% poor, 43% fair, 46% good, 3% excellent. Apples 6% poor 38% fair, 56% good. Peaches 33% very poor, 13% poor, 27% fair, 27% good. Sorghum 32% fair, 68% good. Truck crops 13% poor, 40% fair, 47% good. Cotton setting bolls 89%, 97% 1991, 98% avg.; open bolls 17%, 21% 1991, 22% avg. Corn soft dough 92%, 98% 1991, 96% avg.; dented 86%, 89% 1991, 86% avg.; mature 64%, 73% 1991, 63% avg. Soybeans flowering 75%, 85% 1991, 82% avg.; setting pods 64%, 67% 1991, 58% avg. Flue-cured tobacco harvested 64%, 62% 1991, 58% avg. Peaches harvested 89%, 100% 1991, 100% avg. Hay, roughage supplies 2% short, 87% adequate, 11% surplus. Hay second cutting 77%. Hay third cutting 39%. Major activities: Harvesting, curing, marketing tobacco, cutting corn for silage. Other activities: Harvesting vegetables; spraying cotton, peanuts; tending livestock; equipment repair; general farm maintenance.

NORTH DAKOTA: Cool with scattered showers. Temperatures averaged 6 to 9° below normal.

Extremes 31° southwest; 89° south central, southeast. Precipitation 0.86 in. north central to 1.76 in. east central.

Days suitable for fieldwork 3.2. Soil moisture above 1991, average. Topsoil 2% very short, 32% short, 66% adequate. Subsoil 14% very short, 51% short, 35% adequate. Rain, cool weather caused small grain harvest to continue behind 1991, average. Spring wheat 23% fair, 56% good, 21% excellent; 35% combined, 94% 1991, 92% avg. Durum 28% fair, 57% good, 15% excellent; 18% combined, 84% 1991, 82% avg. Barley 21% fair, 53% good, 26% excellent; 67% combined, 99% 1991, 98% avg. Oats 33% fair, 62% good, 5% excellent; 61% combined, 96% 1991, 94% avg. Winter wheat 29% fair, 64% good, 7% excellent; 93% combined, 100% 1991, 100% avg. Late season crop development continued well behind average. Sugarbeets 78% good, 22% excellent. Corn for grain 7% poor, 30% fair, 63% good; 7% denting to dented and beyond, 80% 1991, 61% avg. Flax 2% poor, 15% fair, 72% good, 11% excellent; 2% combined, 36% 1991, 26% avg. Potatoes 100% good; 2% dug, 6% 1991, 6% avg. Soybeans 3% fair, 97% good; 7% lower leaves yellowing and beyond, 83% 1991, 68% avg. Dry beans 15% fair, 85% good; 1% cut or combined, 52% 1991, 23% avg. Sunflower 3% poor, 28% fair, 67% good, 2% excellent; 2% bracts turned yellow and beyond, 45% 1991, 39% avg. Range, pasture 68% of normal. Alfalfa hay second cutting 89% complete, other hay first cutting 95% complete. Stockwater supplies 11% very short, 25% short, 64% adequate.

OHIO: Mean daytime highs upper 70s north to mid 80s south while minimums upper 50s to mid 60s. Mean temperature between the upper 60s to low 70s which is generally within a degree of the normal. Exceptions included northeast where departures averaged 2° above normal, southwest where readings were 2° below normal. Precipitation totals were above normal at all locations by about one inch as rainfall varied generally between 1.50 to 2.50 in. Nearly all of the week's moisture occurred on the 27th, 28th when the remnants of hurricane Andrew neared the State.

Days suitable for fieldwork 4.9. Topsoil 1% short, 69% adequate, 30% surplus. Pasture 4% poor, 28% fair, 56% good, 12% excellent. Hay 6% poor, 32% fair, 50% good, 12% excellent. Oat harvest is nearly complete. Summer apple harvest is proceeding at near normal pace. Rains this week halted potato harvest. Processing tomato harvest continues to lag well behind average.

OKLAHOMA: Temperatures 9° below normal Panhandle to 3° below normal northeast. Precipitation none south central to 3.07 in. west central.

Days suitable for fieldwork 5.8. Topsoil 26% short, 56% adequate, 18% surplus. Subsoil 2% short, 98% adequate. Wheat 76% seedbed prepared, 80% 1991, 70% avg.; 7% planted, 3% 1991, 2% avg. Cotton 28% very poor, 7% poor, 17% fair, 48% good; 81% setting bolls, 97% 1991, 92% avg.; 6% open bolls, 4% 1991, 6% avg. Sorghum 3% fair, 94% good, 3% excellent; 92% headed, 84% 1991, 91% avg.; 67% milk to soft, 36% 1991, 60% avg.; 7% mature, 14% 1991, 6% avg. Corn 95% mature, 84% 1991, 63% avg.; 6% harvested, 19% 1991, 19% avg. Soybeans 88% flowering, 87% 1991, 88% avg.; 59% setting pods, 65% 1991, 63% avg.; 7% mature, 5% 1991, 5% avg. Peanuts 83% fair, 17% good; 94% setting pods, 90% 1991, 90% avg.; 10% mature, 5% 1991, 9% avg. Pastures 103%. Cattle good; marketings average, prices steady to lower.

OREGON: Temperatures above normal western interior, near normal coast, below normal east of the Cascades. Extremes 18°; 100°. No precipitation.

Soil moisture 93% short, 7% adequate. Winter wheat 99% harvested. Barley 85% harvested. Grass seed, clover seed, mint harvest concluding. Hops harvest continues, Willamette Valley. Field preparation for fall seeding in cereal grains, summer fallow acreage, eastern areas. Field corn silage being cut, western areas. Malheur County sugarbeets severely damaged by curly top virus, Klamath Basin sugarbeets look good. Apples, pear harvest continues; Willamette Valley. Hood River Valley Anjou pear, Gala apple harvest progressed up valley, Bosc pear, Jonagold apple harvest to begin next week. Medford district pear harvest 70% complete. Umatilla apple harvest also underway. Willamette Valley hazelnut harvest quickly approaching, harvest may start next week. Cranberry good to excellent, growers sprinkling for heat control, some concern over harvest water supply availability; southern coast. Strawberry cultivation underway, new planting runners being trained. Caneberries being pruned, new canes being trained. Early fresh market potato underway, Klamath Basin. Potato, onion harvest continues, Malheur County, good yields. Processing sweet corn harvest continues, earlier than normal maturity reported. Late cole crops need irrigation, western areas. Livestock continued good. Stockwater continues to be scarce, stock, domestic wells reported drying up, Medford, Salem areas. Most dryland pastures dried up, no relief in sight. Hay, protein supplements being feed. Extreme fire conditions, statewide. Many cattle being moved off federal lands. Frost reported in five eastern counties. Range, pasture 42% of normal.

PENNSYLVANIA: Temperature 76°, 7° above normal. Extremes 41°; 94°. Precipitation 1.46 in., 0.62 in. above normal.

Days suitable for fieldwork 5. Soil moisture 5% short, 73% adequate, 22% surplus. Corn 92% silk, 97% 1991, 95% avg.; 44% dough, 81% 1991, 64% avg.; 7% dent, 41% 1991, 25% avg.; 0% mature, 6% 1991, 3% avg. Ensilage corn harvested 3% complete, 15% 1991; 1% very poor, 2% poor, 17% fair, 49% good; 31% excellent. Soybean 4% very poor, 4% poor, 19% fair, 46% good, 27% excellent. Wheat harvest 98% complete, 100% 1991; planted 5% complete, 4% 1991. Oat harvest 88% complete, 99% 1991. Barley harvest 98% complete, 100% 1991; planted 8% complete, 6% 1991. Tobacco harvest 13% complete, 36% 1991. Potato harvest 28% complete, 37% 1991. Second cutting alfalfa 90% complete, 97% 1991. Third cutting alfalfa 48% complete, 59% 1991. Fourth cutting alfalfa 13% complete, 15% 1991. Second cutting clover timothy 71% complete, 83% 1991. Quality of hay made 20% poor, 40% fair, 40% good. Feed from pastures 3% very poor, 5% poor, 46% fair; 46% good. Apple harvest 22% complete, 26% 1991. Peach harvest 67% complete, 79% 1991. Grapes harvest 12% complete, 21% 1991. Fall plowing 20% complete, 22% 1991. Activities: Hauling manure; maintaining machinery; cutting, baling hay; baling straw; combining; fruit, vegetable harvesting; fixing fence; caring for livestock.

PUERTO RICO: Island rainfall of 1.22 in. was 0.60 in. below normal. Highest rainfall 5.64 in. at Isabela Aes, 5.35 in. at Arecibo Ionospheric Observatory, 3.44 in. at Jayuya. Divisional temperatures 81 to 82° on the coasts, 76° in the interior with mean station temperatures 66.9° at Pico Del Este to 84.0° at Guayama. Extremes 59°; 95°.

SOUTH CAROLINA: Temperatures across the State 3° below normal to 1° above normal. Average rainfall 2.50 in.

Days suitable for fieldwork 4.8. Soil moisture 9% short, 87% adequate, 4% surplus. Tobacco fair to good; 84% harvested, 86% 1991, 80% avg.; 24% stalks destroyed, 22% 1991, 12% avg. Corn fair to good; 95% mature, 97% 1991, 91% avg.; 32% harvested, 36% 1991, 34% avg. Cotton fair; 12% open bolls, 25% 1991, 20% avg. Soybeans fair to good; 92% blooming, 92% 1991, 90% avg.; 72% setting pods, 57% 1991, 59% avg.; 3% leaves turning, 4% 1991, 3% avg. Peaches fair; 94% harvested, 97% 1991, 96% avg. Cantaloupes fair to good; 88% harvested, 94% 1991, 94% avg. Apples fair to good; 19% harvested, 39% 1991, 29% avg. Grapes fair to good. Fall hay fair to good; 55% harvested, 49% 1991, 48% avg. Peanuts fair to good. Sorghum fair to good; 23% harvested, 23% 1991, 23% avg. Pastures fair to good. Winter grazing 3% planted, 5% 1991, 5% avg. Rainfall sustaining soil moisture; Armyworms in cotton.

SOUTH DAKOTA: Temperatures 10 to 15° below normal. Extremes 26°; 91°. Precipitation 2.00 to 3.00 in. the south central, east; 0.25 to 0.50 in. over rest of State. Maximum 3.19 in.

Days suitable for fieldwork 2.6. Topsoil 2% very short, 14% short, 67% adequate, 17% surplus. Subsoil 9% very short, 15% short, 67% adequate, 9% surplus. Flax 2% very poor, 1% poor, 17% fair, 69% good, 11% excellent. Sunflowers 1% poor, 12% fair, 62% good, 25% excellent. Barley 89% harvested, 100% 1991, 100% avg. Oats 90% harvested, 100% 1991, 100% avg. All crop progress remains behind normal due to wet conditions, below normal temperatures. Livestock 2% fair, 71% good, 27% excellent. Pasture 93% of normal.

TENNESSEE: High pressure moved westward early in the week. Remnant of Hurricane Andrew moved northeast across State late week, with most areas receiving precipitation. Below normal temperatures statewide.

Days suitable for fieldwork 4.0. Soil moisture 1% very short, 3% short, 76% adequate, 20% surplus. Corn 87% dent, 76% 1991, 80% avg.; 29% mature, 36% 1991, 34% avg.; 25% silage harvested, 24% 1991, 33% avg.; 3% grain harvested, 5% 1991, 4% avg.; 1% fair, 63% good, 36% excellent. Cotton 7% open bolls, 22% 1991, 21% avg.; 22% fair, 78% good. Sorghum 70% turning color, 53% 1991, 69% avg.; 19% mature, 18% 1991, 28% avg.; 2% harvested, 0% 1991, 4% avg.; 8% fair, 79% good, 13% excellent. Soybeans 94% blooming, 88% 1991, 90% avg.; 80% setting pods, 61% 1991, 72% avg.; 2% dropping leaves, 1% 1991, 3% avg.; 9% fair, 78% good, 13% excellent. Tobacco 92% topped, 88% 1991, 87% avg.; 1% poor, 17% fair, 81% good, 1% excellent. Burley 41% harvested, 50% 1991, 41% avg. Dark air cured 31% harvested, 34% 1991, 36% avg. Dark fire cured 45% harvested, 32% 1991, 38% avg. Cattle 5% fair, 85% good, 10% excellent. Pasture feed excellent.

TEXAS: Threat of severe weather from Hurricane Andrew last week remained just that, a threat. Storm generated a few mild showers along the Upper Coast, left the rest of the State virtually untouched. Most other areas were showing signs of stress from lack of moisture; rainfall fell across the Plains. An early cool front from the North pushed into the State late in the week, lowering temperatures to well below average. Unseasonably cool conditions slowed the growth of certain crops. Several days of warm, sunny weather are needed to restore normal progress. In several areas, land preparation for small grain planting began. Harvest activities

proceeded in most areas with no delays caused by rainfall.

Crops: Corn harvest was well past the halfway point at weekend. Fields in the Plains were maturing, should be ready for harvesting within the next few weeks. In most other areas harvest continued with no major delays. Corn 8% normal compared with 92% 1991. Cotton progress in the Plains was again impeded by cooler temperatures, rainfall. Insect problems were on the rise, with scattered spraying for boll worms. Fields in the Central part of the State made good progress under hot, dry conditions. Cotton 56% normal compared with 78% 1991. Rice harvest activities along the Upper Coast were in full swing, with few delays from the rain. Rice 81% normal compared with 76% 1991. Grain sorghum harvest was starting up in the Low Plains. The cooler temperatures slowed development, growth on the High Plains, midge problems increased in some fields. Isolated occurrences of hail damaged some fields on the Plains. Greenbug problems were reported with more frequency. Sorghum 81% normal compared with 84% 1991. Peanut fields were still being sprayed for leaf spot last week. The cooler conditions also restricted growth in several Plains fields, in the Cross Timbers. Dry weather in the Hill Country has slowed pegging. Peanut 84% normal compared with 87% 1991. Soybean harvest was near completion in the Blacklands. Considerable disease, stinkbug damage occurred in the Upper Coast. Moisture is still needed for late developing plants.

Commercial Vegetables: In East Texas, harvest of sweet potatoes, late watermelons was active. Fall vegetables were being planted. On the High Plains, potato, onion harvests were completed, while harvests of carrots, cabbage, squash and cucumbers continued. In the Trans-Pecos, chile harvest continued. Melon harvest was ending. In the Rio Grande Valley, most vegetables were progressing well. Fall melon, pepper plantings were beginning. Pecan trees were being sprayed for disease, insect control. Considerable damage from scab, aphids, shuckworms has occurred. Nut drop continued to increase.

Range and Livestock: Showers revitalized ranges, pastures in some areas, several areas still need moisture as signs of stress are evident. Pastures are providing adequate grazing in most areas. Livestock conditions were good, with limited supplemental feeding occurring in South Texas, Rio Grande Valley.

UTAH: Precipitation light northern half, moderate southern half of State. Temperatures 4° below normal.

Days suitable for fieldwork 6.5. Soil moisture 86% short, 14% adequate. Irrigation water supply 63% very short, 26% short, 11% adequate. Stockwater supply 39% very short, 17% short, 44% adequate. Spring wheat harvested 97%, 95% 1991. Barley harvested 95%, 92% 1991. Oats ripe 92%, 79% 1991; harvested for grain 81%, 51% 1991, 74% avg. Winter wheat seeded 8%, 7% 1991, 16% avg. Field corn in dough stage 74%, 37% 1991, 60% avg.; dent stage 29%. Alfalfa 3rd cutting 55%, 29% 1991, 39% avg. Alfalfa seed harvested 17%. Hay, roughage supplies 17% short, 83% adequate. Potatoes harvested 23%, 10% 1991. Onions harvested 27%. Peaches picked 65%, 43% avg. Apples 23% picked. Pears 41% picked. Cattle moved from summer range 12%. Sheep moved from summer range 10%. Pasture, range poor to fair.

VIRGINIA: Temperatures below normal during beginning, above normal during middle, normal at

end of week with precipitation none to 1.39 in. at Bluefield. Extremes 48°; 92°.

Days suitable for fieldwork 5.0. Topsoil 15% short, 75% adequate, 10% surplus. Pasture 7% poor, 27% fair, 46% good, 20% excellent. Alfalfa 9% poor, 14% fair, 61% good, 16% excellent. Other hay 6% poor, 35% fair, 44% good, 15% excellent. Corn dough stage 82%, 85% 1991, 82% avg.; dented 56%, 65% 1991, 62% avg.; mature 34%, 50% 1991, 39% avg.; silage harvested 17%, 30% 1991, 23% avg.; 3% poor, 23% fair, 54% good, 20% excellent. Soybeans 87% bloomed, 89% 1991, 88% avg.; setting pods 56%, 92% 1991, 70% avg.; 30% fair, 62% good, 8% excellent. Peanuts 67% fair, 33% good. Scouting, spraying for diseases in peanuts. Fall apple, sweet potato harvest beginning. Flue tobacco 48% harvested, 50% 1991, 41% avg. Fire tobacco 50% harvested, 60% 1991, 54% avg. Sun tobacco 57% harvested, 50% 1991, 35% avg. Burley tobacco 13% harvested, 25% 1991, 22% avg. Tobacco 27% fair, 60% good, 13% excellent. Livestock mostly good. Harvesting hay, corn silage. Harvesting tomatoes, cantaloupes, cucumbers, watermelons.

WASHINGTON: Temperatures 4 below to 1° above normal west; 2 to 11° below normal, east. Rainfall none to 0.65 in. west; none to 2.26 in. east.

Days suitable for fieldwork 6.9. Soil moisture 60% short, 40% adequate. Hay, other roughage 5% short, 81% adequate, 14% surplus. Range, pasture 16% very poor, 60% poor, 24% fair. Winter wheat 99% harvested, 88% 1991, 96% avg. Barley 99% harvested, 58% 1991, 85% avg. Alfalfa hay second cut 100% complete, 95% 1991, 99% avg. Alfalfa hay third cut 85% complete, 61% 1991, 61% avg. Spring wheat 99% harvested, 87% 1991, 91% avg. Dry peas 100% harvested, 93% 1991, 96% avg. Potatoes 18% harvested, 17% 1991, 20% avg. Corn silage 30% harvested, 8% 1991, 7% avg. Small grain harvest nearly complete. Winter wheat planting active central areas, just started east. Growers need more soil moisture prior to seeding. Hops, potatoes, carrots harvested. New stands alfalfa planted. Grape harvest began. Color not uniform some areas. Apple picking continues. Sunburn reported, except producers using overhead sprinklers for cooling. Sweet corn harvest continues.

WEST VIRGINIA: Temperature 71°. Extremes 42°; 93°. Precipitation 1.72 in.

Days suitable for fieldwork 4.3. Soil moisture 9% short, 91% adequate. Tobacco 57% fair, 43% good; 93% topped, 30% harvested. Gardens 45% fair, 45% good, 10% excellent. Oats 100% harvested. Hay 11% fair, 69% good, 20% excellent; 65% second cut, 45% third cut. Apples good. Peaches good. Corn 75% good, 25% excellent; 97% silked, 62% dough stage, 35% mature. Pastures 15% fair, 66% good, 19% excellent; 91% of normal. Cattle mostly good. Sheep mostly good. Soybeans 60% good, 40% excellent; 65% blooming, 64% setting pods. Farm activities: general maintenance, cutting hay, clipping pastures, gardening, topping tobacco, harvesting hay, tobacco, peaches, apples.

WISCONSIN: Temperature 63°; 3° below normal. Extremes 35°; 91°. Precipitation 0.60 to 1.80 in. Severe weather (tornados, hail damage) on 29th central areas.

Days suitable for fieldwork 4.5. Soil moisture 55% short, 45% adequate. Pasture 67% of normal, 67% 1991, 72% avg. General condition of crops 1% very poor, 8% poor, 42% fair, 48% good, 1% excellent. Oats 3% very poor, 10% poor, 30% fair, 49% good, 8% excellent; harvested 73%, 97% 1991, 93% avg. Corn 2% very poor, 7% poor, 40% fair, 50%

good, 1% excellent; 40% in dough stage or beyond, 80% 1991, 75% avg.; 8% in dent stage or beyond, 48% 1991, 41% avg.; 0% mature, 9% 1991, 7% avg. Third crop hay 34% harvested, 49% 1991, 38% avg. Soybean 8% poor, 32% fair, 53% good, 7% excellent; 4% turned, 34% 1991, 16% avg. All crops remain behind normal because of the lack of heat units. We will definitely need a later-than-normal frost to mature the crops.

WYOMING: Cool week with all areas reporting below normal temperatures. Temperatures 3 to 8° below normal. Some areas in the north much as 9 to 15° below normal. Precipitation was above normal in the eastern half of the State. West was below normal. Some areas of the east had more than one inch of precipitation. Little or no precipitation was recorded in the western areas.

Days suitable for fieldwork 5.9. Topsoil 38% short, 62% adequate. Spring wheat 29% mature, 17% 1991, 13% avg.; 71% harvested, 83% 1991, 87% avg. Oats 35% mature, 27% 1991, 24% avg.; 65% harvested, 73% 1991, 74% avg. Barley 22% mature, 23% 1991, 19% avg.; 78% harvested, 77% 1991, 80% avg. Winter wheat 92% harvested. Dry beans 91% turning color, 66% 1991, 59% avg.; 8% windrowed, 14% 1991, 15% avg.; 1% combined, 6% 1991, 3% avg. Corn 26% silked; 33% milk, 32% 1991, 36% avg.; 33% dough, 52% 1991, 48% avg.; 8% dented, 16% 1991, 15% avg. Alfalfa 68% of second cutting completed, 81% 1991, 80% avg.; 11% of third cutting completed, 13% 1991. 1993 Winter wheat 15% planted, 17% 1991, 13% avg.; none emerged, none 1991, 2% avg. Estimated date for sugarbeet harvest to begin 20th. Barley good. Row crops poor to good. Alfalfa fair to good. Ranges, pastures good to excellent. Fall grazing prospects 10% poor, 32% fair, 54% good, 4% excellent.

International Weather and Crop Summary HIGHLIGHTS

August 23 - 29, 1992

FSU: In the west, light showers continue to dampen topsoils in northern areas, improving moisture for winter grain planting. In the **New Lands**, showers benefit immature spring grains but slow harvesting.

EUROPE: Chronic dryness continues over Eastern Europe. Light to moderate rain benefits immature crops in France and most of northern Europe.

SOUTH ASIA: Much-needed rain benefits northern India's summer crops.

SOUTHEAST ASIA: Flooding continues along the Mekong River, as well as the western Philippines.

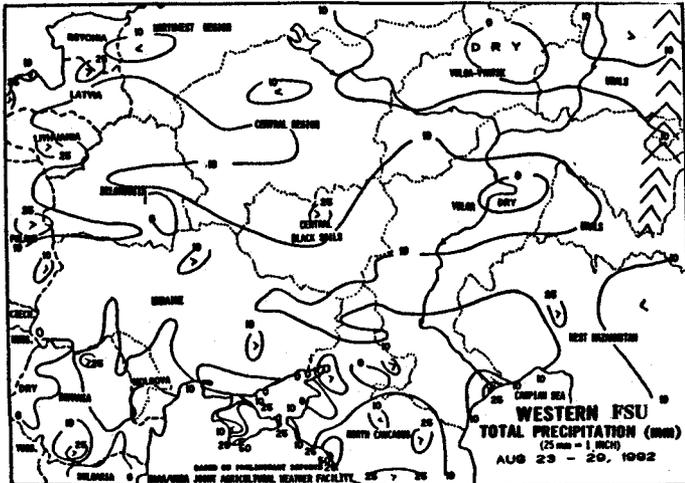
EASTERN ASIA: Dry and sunny weather favors maturing single-crop rice. Moisture levels are adequate for filling summer crops.

AUSTRALIA: Most wheat areas receive favorable moisture.

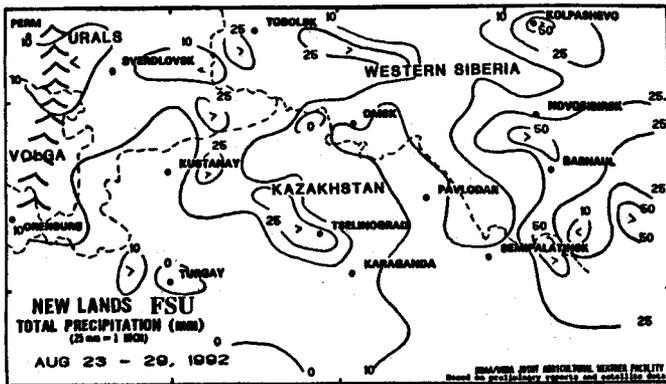
SOUTH AMERICA: Beneficial rain favors western wheat in Argentina.

MEXICO: The remnants of Hurricane Lester swept across northwestern Mexico.

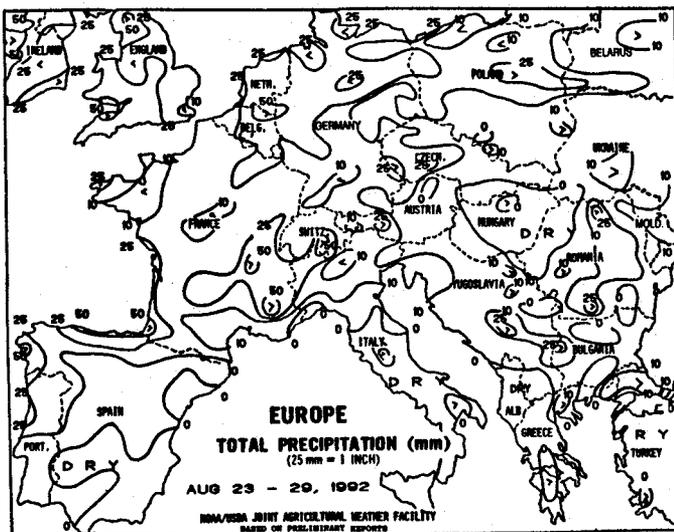
CANADA: Freezing temperatures expand over the Prairies, causing some damage to immature grains and oilseeds.



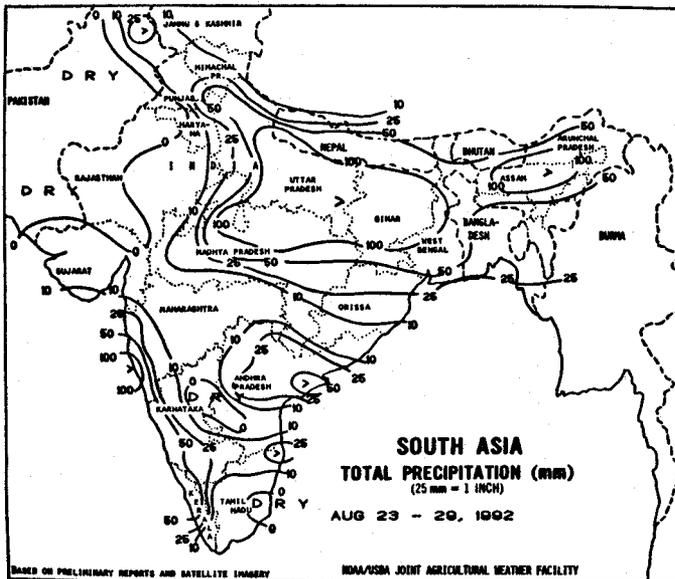
FSU - WESTERN: Light showers (10-25 mm) dampened topsoils in the Baltic States, parts of Belarus, Central Region, Black Soils Region, Volga Vyatsk, and upper Volga Valley. While the rain in these areas improved topsoil moisture for winter grain planting, it slowed late-spring grain harvesting. Mostly dry weather prevailed over Ukraine and the northern tip of North Caucasus, favoring summer crop maturation and harvest progress. Rain is needed in these areas to increase topsoil moisture for upcoming winter grain planting. Elsewhere, moderate to heavy rain (25-93 mm) covered the Crimea and isolated locations in western North Caucasus. Average temperatures were 3-6 degrees Celsius above normal in the west and 3-6 degrees Celsius below normal in the east.



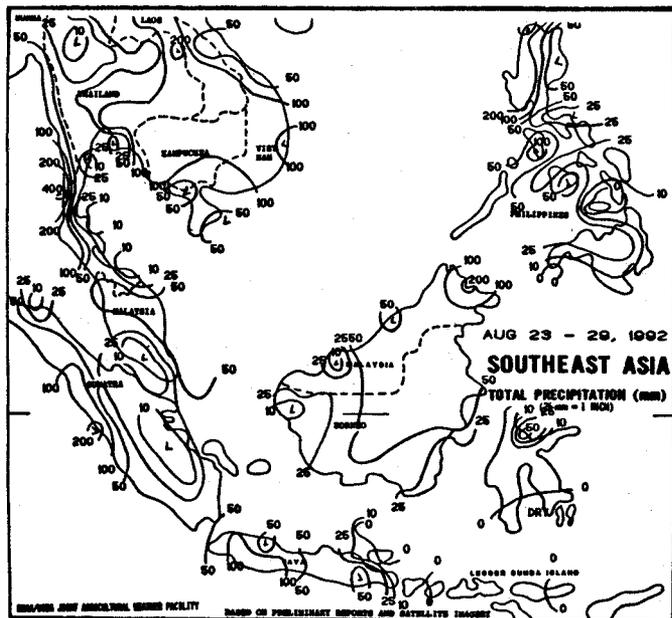
FSU - NEW LANDS: Unseasonably cool weather over most of the region was accompanied by widespread light to moderate rain (8-54 mm). The rain that fell over northern crop areas benefited immature crops. Showers and cooler weather over the southern Urals, Kazakhstan, and Altay Kray slowed spring grain maturation and harvest. Average temperatures were 3-6 degrees Celsius below normal over central and western areas, and near normal in the east.



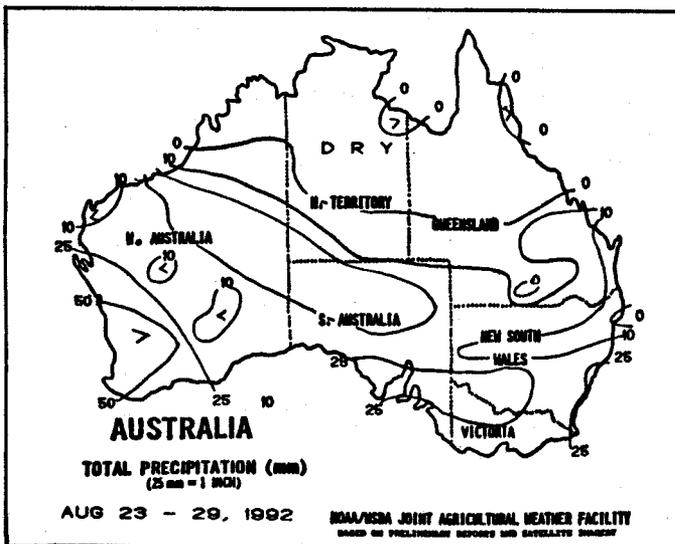
EUROPE: Dry weather continued over southern Poland, Czechoslovakia, Hungary, Romania, eastern Yugoslavia, Bulgaria, and Greece, further increasing the moisture deficit for immature summer crops. In addition, average temperatures were 5-7 degrees Celsius above normal in these areas, increasing evaporation rates. Elsewhere, light to moderate rain covered England, most of France, the Netherlands, Belgium, Germany, and northern Poland. Rainfall ranged from 15 to 45 mm, with isolated locations receiving rainfall in excess of 50 mm. While the rain in these areas benefited immature summer crops, it slowed harvest activities. Average temperatures ranged from 1-2 degrees Celsius below normal in England, to 1-3 degrees Celsius above normal in France and northern Europe.



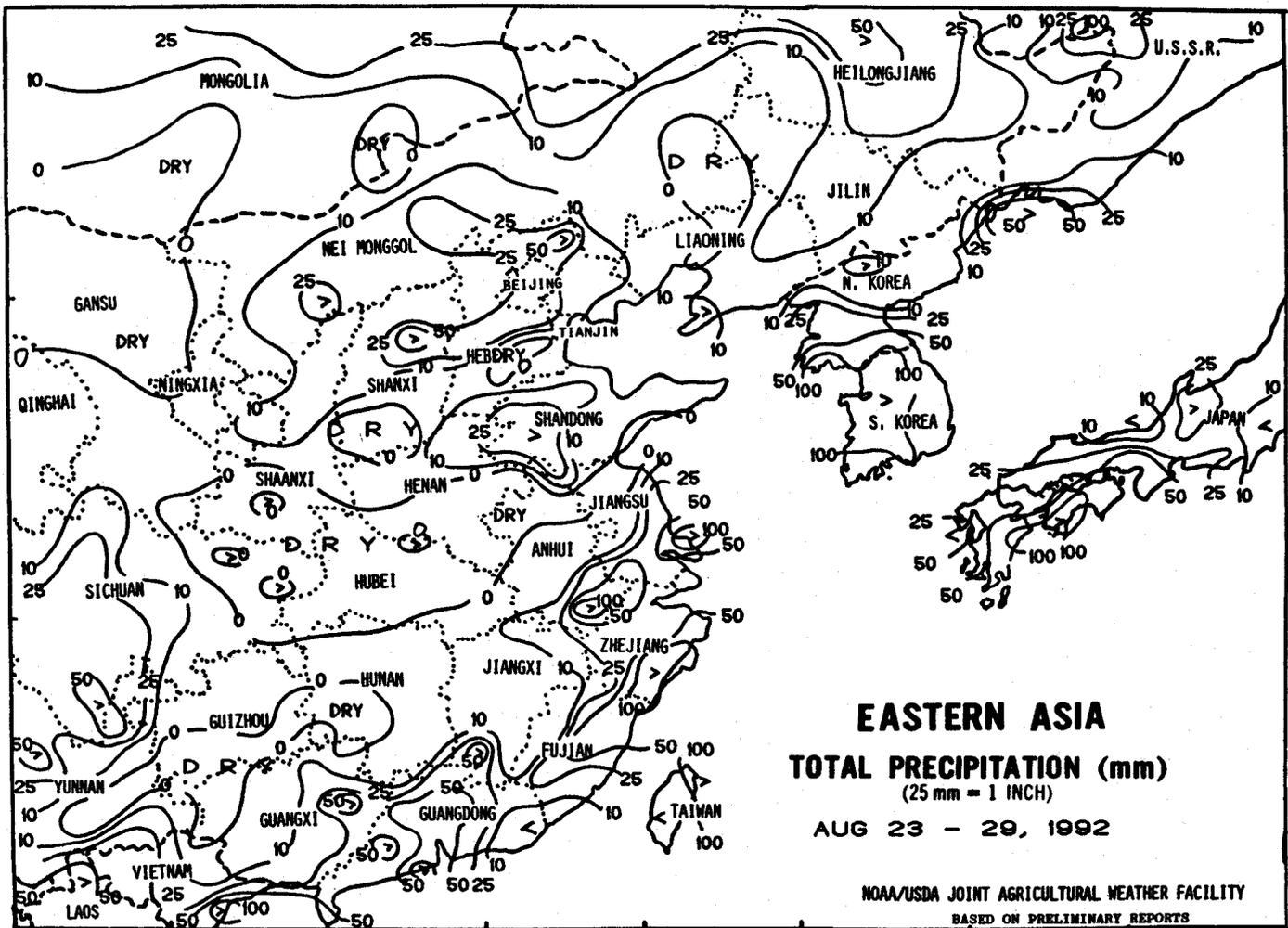
SOUTH ASIA: Much-needed rain (50-100 mm or more) swept through eastern and north-central India, improving conditions for rain-fed rice and boosting irrigation reserves for upcoming winter wheat planting in Uttar Pradesh and Bihar. However, mostly dry weather covered crop areas in north-western and southern India and Pakistan, stretching from the Punjab region southward to Gujarat and Maharashtra. Variable showers (16-65 mm) benefited reproductive to filling summer crops and improved topsoil moisture for fall plantings in Andhra Pradesh. However, only isolated locations elsewhere in the southern interior received more than 10 mm. The southwest monsoon usually begins its withdrawal from the northwest in early September. Rainfall typically drops rapidly during September in northern India, with weekly normals of about 50-70 mm early in the month and 20-30 mm by month's end.



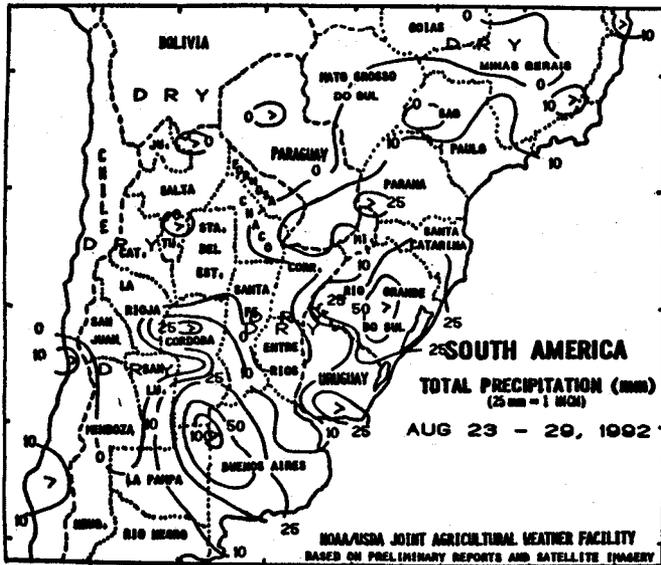
SOUTHEAST ASIA: Heavy showers (100-189 mm) fell over Indochina near Bangkok and along the Mekong River, causing some additional flooding. In contrast, the drying trend over north-central Thailand continued for the third week, reducing moisture for late-planted rice and corn. Inundating rains (100-200 mm or more) were reported over peninsular Thailand and variable, locally heavy showers (50-100 mm or more) fell over Indonesia and Malaysia, including most of Java's rice areas. While the rain came too late for most dry season crops, irrigation supplies for main season crop planting were increased. In the Philippines, heavy showers (100-200 mm or more, with isolated reports exceeding 400 mm), associated primarily with Tropical Storm Polly, caused some flooding in western Luzon. Lesser amounts (25-100 mm) further inland benefited crops in central and southern Luzon. Elsewhere, scattered showers (25-36 mm) benefited Mindanao, but dry weather dominated the Visayans.



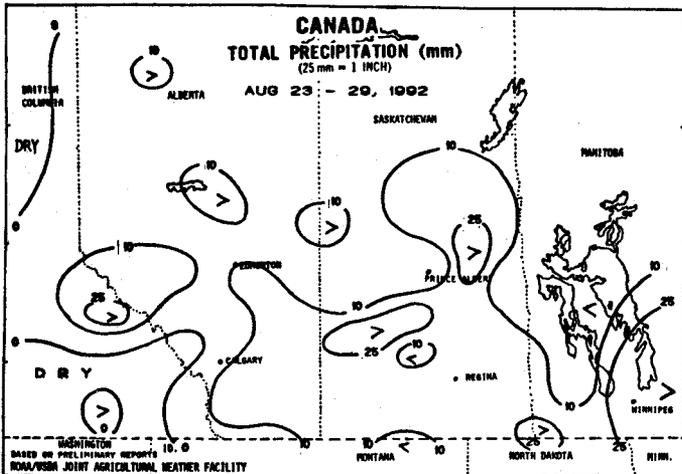
AUSTRALIA: Scattered rain fell across southern Queensland and northern New South Wales (6-25 mm), favoring germinating to vegetative winter wheat. More moisture is needed to ensure adequate establishment. Cool temperatures again slowed crop development across the major wheat areas (1-3 degrees C below normal with minimums of -1 degrees C in the east). Moderate rains (10-35 mm) covered southern New South Wales, Victoria, and South Australia, aiding vegetative winter wheat. Western Australia received abundant rainfall (44-87 mm), keeping moisture levels adequate for winter grains.



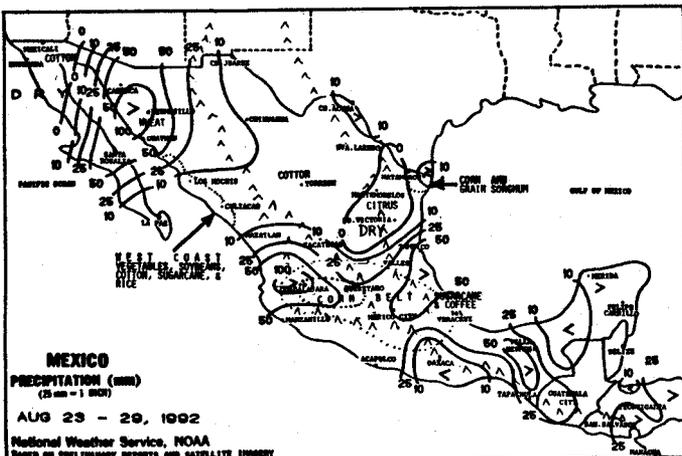
EASTERN ASIA: Across Manchuria, light to moderate rain (9-45 mm), along with warmer temperatures (2-3 degrees C above normal), favored reproductive to filling corn and soybeans. In the North China Plain, only Shandong, northern Henan, and Hebei received significant rain (11-44 mm), aiding filling summer crops. Additional moisture would be beneficial as soil moisture levels are marginal. Across the interior of central and southern China, dry weather prevailed, benefiting maturing single-crop rice and cotton. Cotton should be nearing the open boll stage across central China (Hubei and southern Anhui), where excessive rainfall would be damaging. Along the coastal provinces of eastern and southern China, moderate to heavy rains (30-100 mm, with isolated amounts greater than 150 mm) were common, aiding sugarcane but producing local flooding. Temperatures averaged near to slightly above normal across most of the country. Late in the week, Tropical Storm Polly was just off the southeastern coast of Taiwan, bringing locally heavy rain (greater than 200 mm).



SOUTH AMERICA: In Argentina, late-week moderate to heavy rain (18-105 mm) fell across northeastern La Pampa, Buenos Aires, and southern Cordoba, greatly aiding soil moisture for vegetative winter wheat. The rainfall was especially beneficial since temperatures were warmer than normal the last several weeks. In southern Brazil, moderate rains (17-55 mm) continued to favor filling winter wheat. Temperatures averaged 2-4 degrees C above normal in central Argentina and near normal across southern Brazil.



CANADA: Unseasonably cold weather continued across the Prairies, with minimum temperatures as low as -5 degrees C in Alberta's northern crop areas. Minimum temperatures of 0 to 1 C were reported at all locations in Saskatchewan and extended into western Manitoba and the interlake region, causing some damage to late-maturing crops. While some locations, mainly higher elevations, in Alberta and Saskatchewan expect a freeze in late August, the normal date of the first fall freeze is generally in early September, making this year's event as much as 3-4 weeks ahead of schedule. This summer's persistent cooler-than-normal conditions slowed crop growth across the Prairies, and replanting, especially in the northeast, enhanced the threat of crop damage. Showers (5-33 mm), mainly rain, halted harvests and threatened grain quality, especially in the south where harvests were underway. In Ontario and Quebec, moderate to heavy showers (23-85 mm) greatly increased moisture for immature summer crops but likely lodged small grains. Temperatures averaged normal.



MEXICO: The remnants of Hurricane Lester, which hit central Baja late last week, spread moderate to heavy showers (49-180 mm) across northwestern Mexico. The rains kept reservoirs high but may have caused isolated flooding. Across the southern Plateau corn belt, moderate to isolated heavy rains (35-115 mm) favored filling corn. Temperatures averaged near normal across the corn belt.

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(Continued from front cover)
to an August-record 24°F. Among the 2 dozen early-week daily record lows was an 11°F reading in **Wisdom, MT**. However, the cooler weather allowed crews to contain **California's** 64,000-acre "Fountain" blaze. The fire was the State's largest in 5 years, and consumed more than 300 homes in **Shasta County**. "Andrew" made its second landfall at 3 a.m. (central daylight time) on Wednesday (140 mph winds), 25 miles west-southwest of **Morgan City, LA**. Although the storm weakened rapidly over **Louisiana's** coastal wetlands, towns along the Interstate 90 corridor from **Lafayette** to **Houma** reported considerable wind damage. Rainfall topped 10 inches near **Baton Rouge, LA**, and 8 inches near **Jackson, MS**. Elsewhere, heavy rain spread slowly northward into **Minnesota** and eastward into **Oklahoma**. Cold air continued to grip the **Intermountain States**, resulting in nearly 70 midweek daily record lows. Late in the week, the extratropical remnants of "Andrew" linked with the encroaching cold air to produce heavy rain from **Mississippi** to the **eastern Corn Belt**. **Dayton, OH**, recorded more than 3 inches. Sun-warmed polar air spilled into the **Central** and **Southeastern States**, producing a final flurry of 3 dozen daily record lows. Low temperatures of 50°F in **Abilene, TX**, and 52°F in **Huntsville, AL**, were August records.

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