

WEEKLY WEATHER AND CROP BULLETIN

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

U.S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service
and World Agricultural Outlook Board

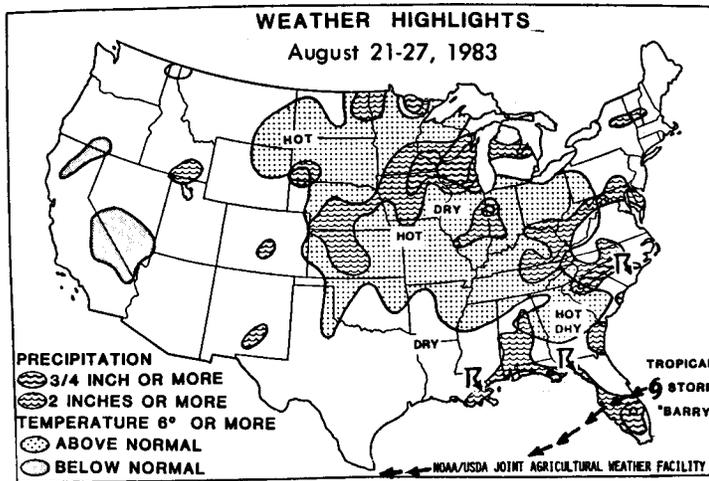
Volume 70, No. 35

WASHINGTON, D.C.

Aug. 30, 1983

National Weather Summary

August 21 to 27



TUESDAY...Thunderstorms developed along and behind a nearly stationary front from Kansas to North Carolina. The storms produced generally light amounts of rain, except for isolated moderate amounts in Maryland and North Carolina. Light showers fell in eastern New Mexico, the Pacific Northwest, and across the northern Plains. Temperatures only reached the eighties over most of the Corn Belt, but record-breaking highs again covered the Southeast.

WEDNESDAY...Temperatures in the low nineties returned to the Corn Belt and reached the high nineties in Iowa as warm weather reached back into the northern Plains. Record-high temperatures continued in the Southeast. A warm front reached from northern Alabama through central South Carolina and spread light, occasionally moderate to heavy showers and thunderstorms northward to central Kentucky and southern West Virginia. Another area of showers reached through New Mexico to Colorado, and northeastward into Wisconsin. Some heavy amounts fell in southeastern Minnesota and northeastern Iowa.

THURSDAY...High temperatures for the day reached the middle nineties as far north as Montana and North Dakota and over the Corn Belt to Indiana. The high temperature at Des Moines, Iowa, was 101°. Showers and thunderstorms covered the southeastern corner of the Nation and spread along the entire gulf coast. Tropical Depression Barry moved over central Florida in a very weakened condition, but caused light to moderate showers and thunderstorms.

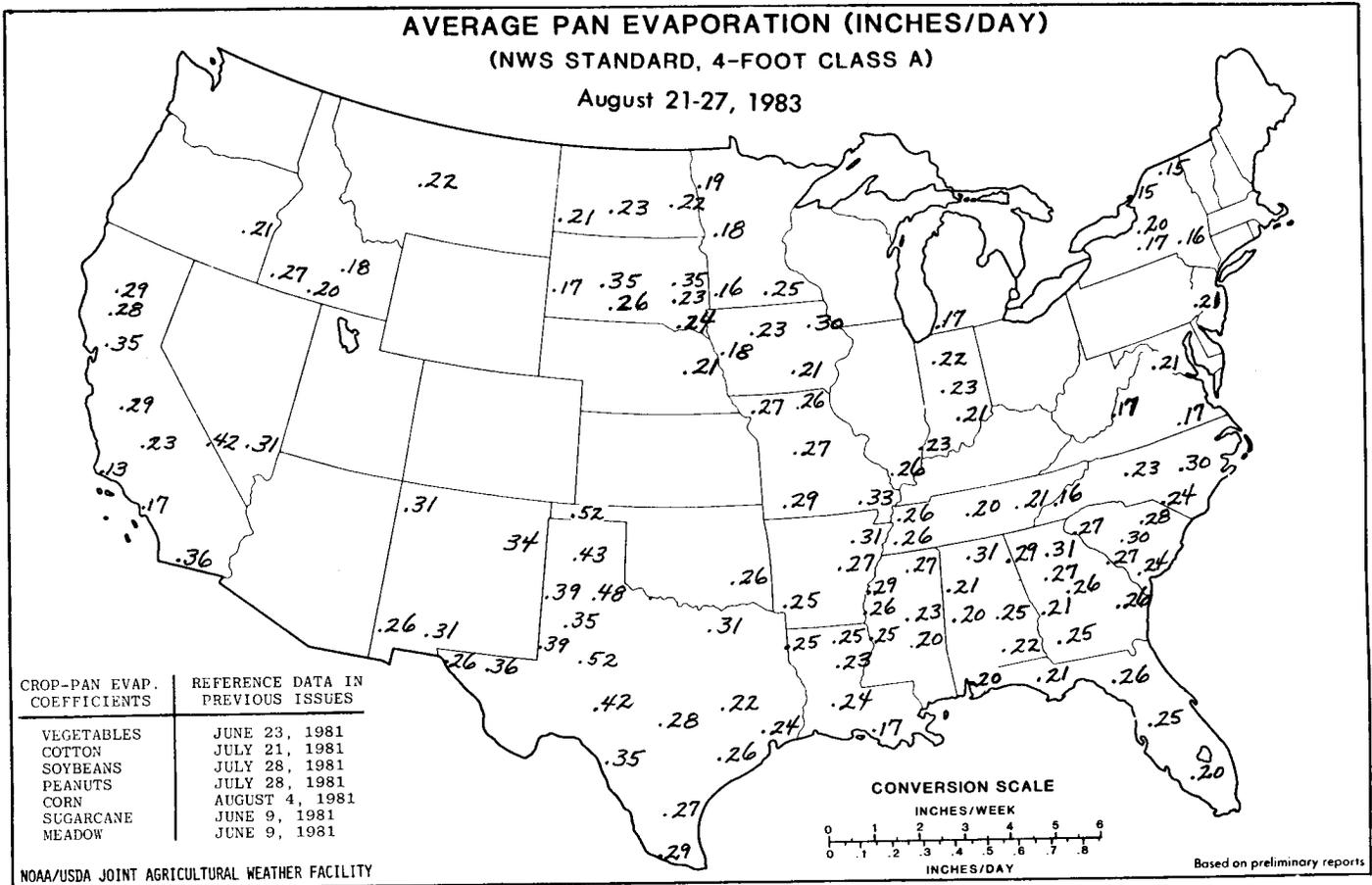
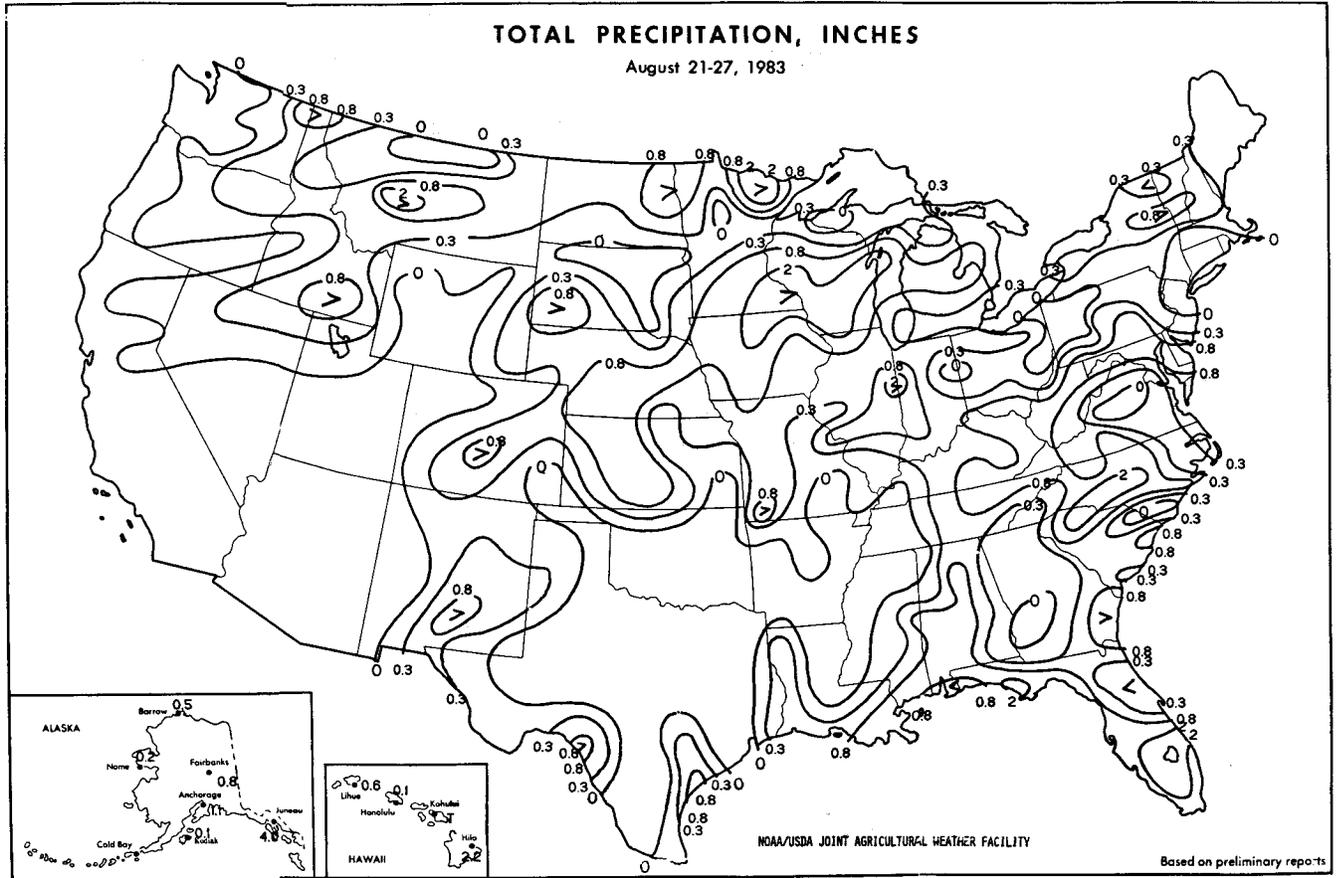
HIGHLIGHTS: Early in the week rains from the remnants of Tropical Storm Alicia spread over central Kansas and Nebraska, and northeastward to the Great Lakes. Later, additional beneficial showers covered much of Iowa, southern Minnesota and Wisconsin, and from central Illinois to west-central Indiana. The very dry Mississippi Delta area had no rain and temperatures were 4-8° warmer than normal. Hot weather prevailed across the Corn Belt. Temperatures averaged 9-11° warmer than normal. On the last day of the week temperatures cooled over most of the Corn Belt.

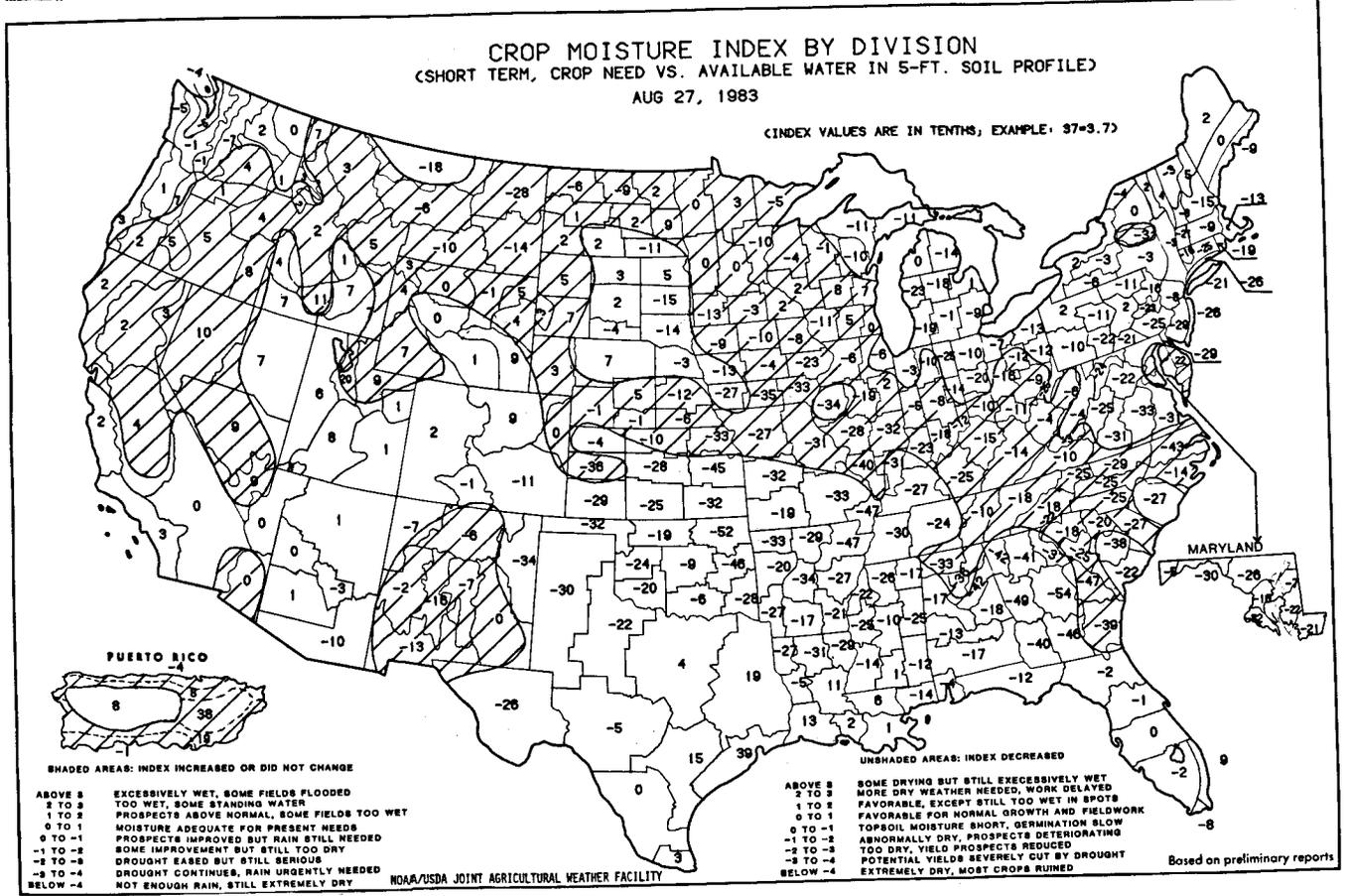
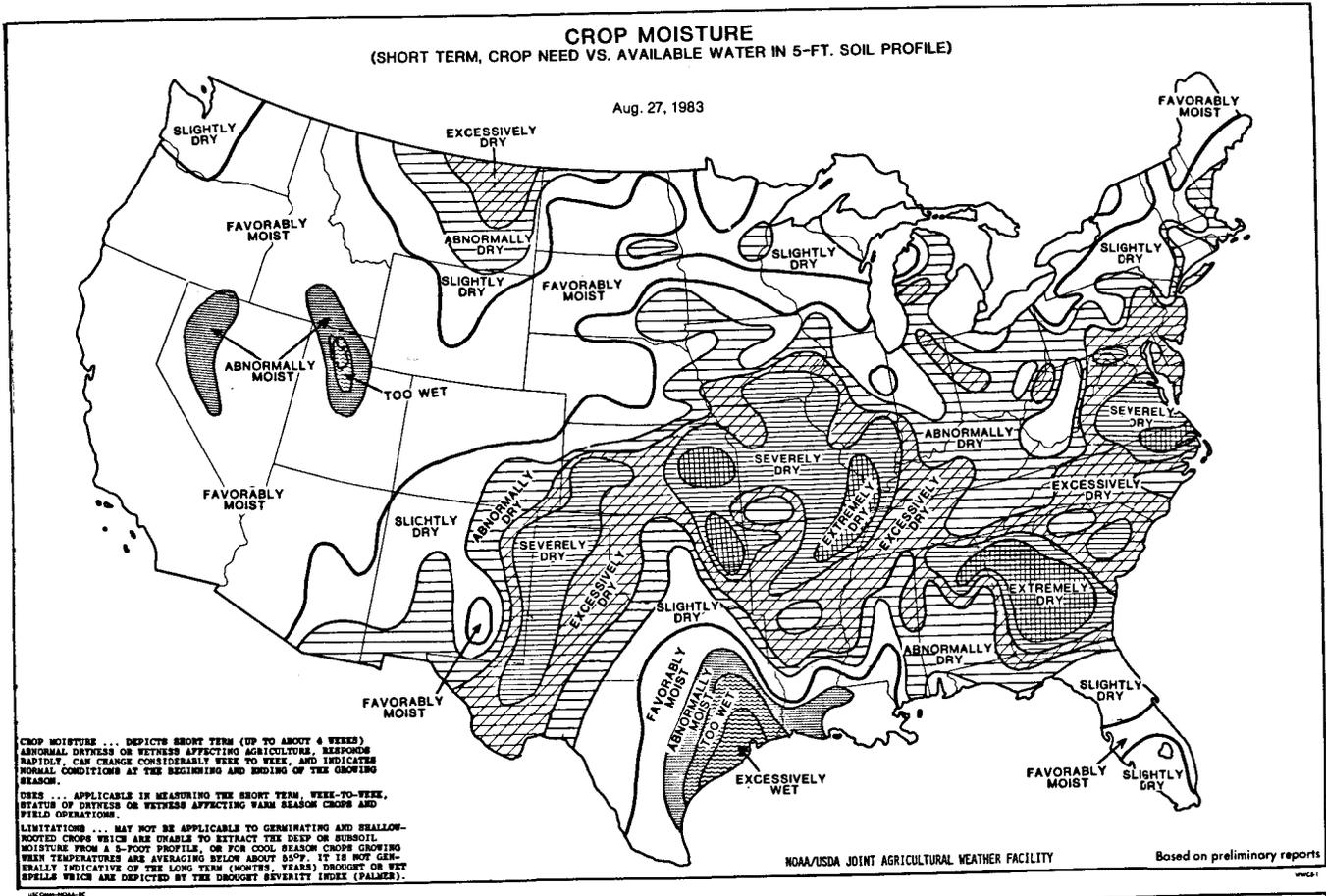
SUNDAY...Showers fell over northern California and Nevada and northeastward to Montana. Isolated heavy showers hit in the very dry parts of southwestern Texas, and lighter showers reached northward to Colorado. A weak cold front triggered showers from eastern Kansas and southeastern Nebraska to Wisconsin and the Great Lakes region. Showers were moderate to heavy through the Lakes but light elsewhere. Temperatures were in the middle to high nineties across the Corn Belt and over 100° in the Southeast.

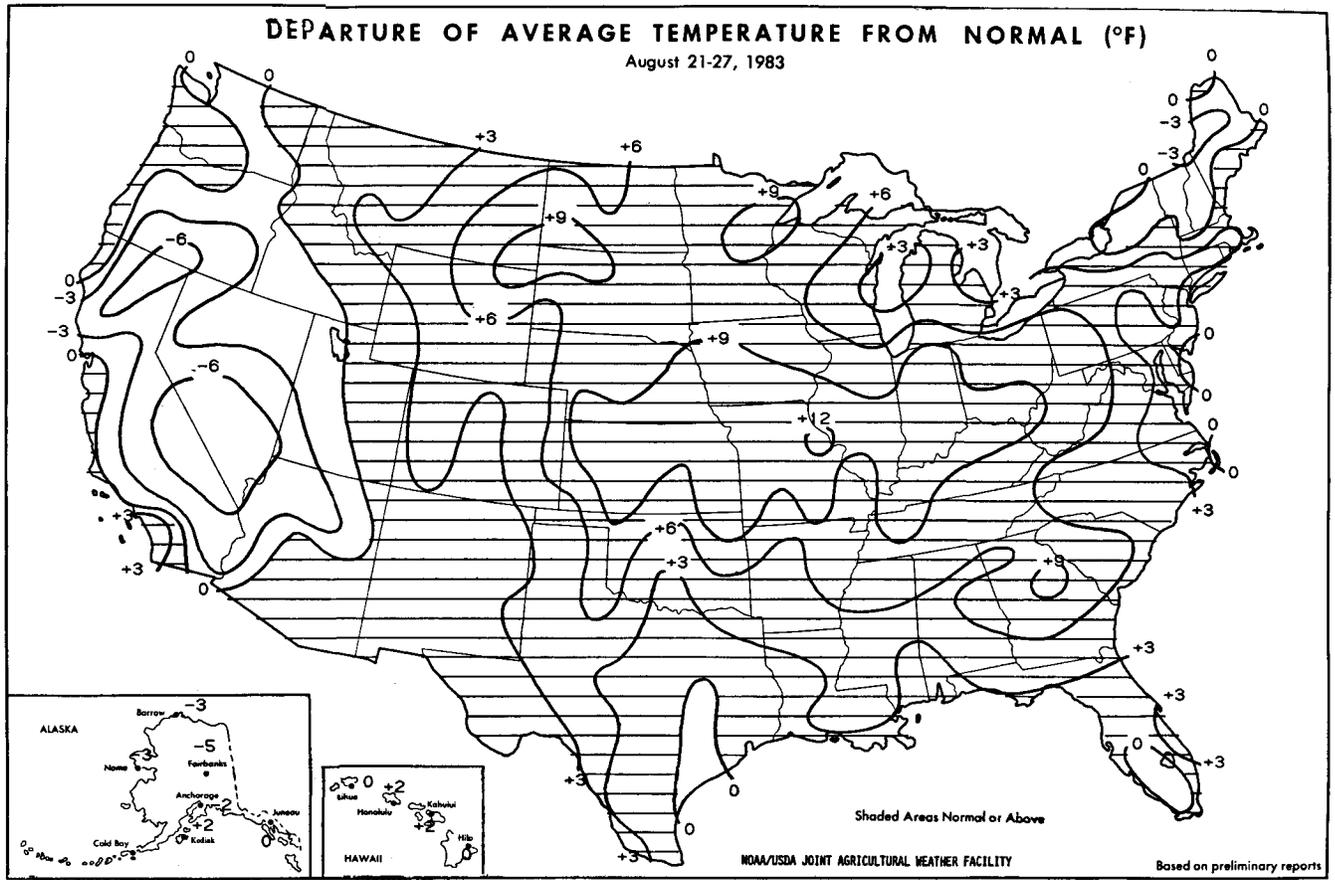
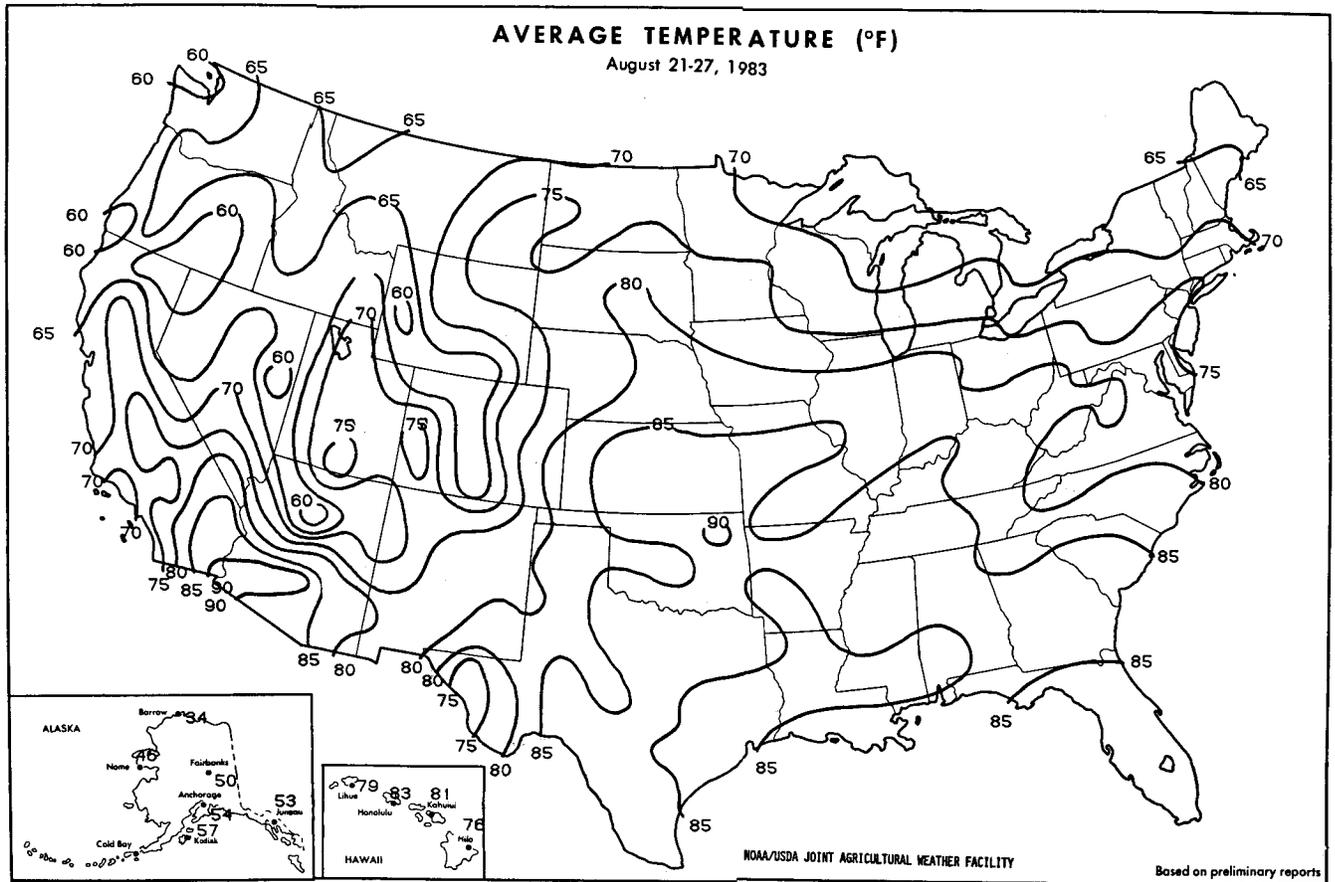
MONDAY...Light showers continued from northern California and Nevada to Montana and North Dakota. Moderate to heavy showers and thunderstorms through Nebraska and parts of Missouri were associated with a cold front, and lighter showers reached through the Ohio Valley, Virginia and West Virginia, and northward through New England. Temperatures began to moderate over the Corn Belt, but climbed to over 100° from Kansas into the Southeast.

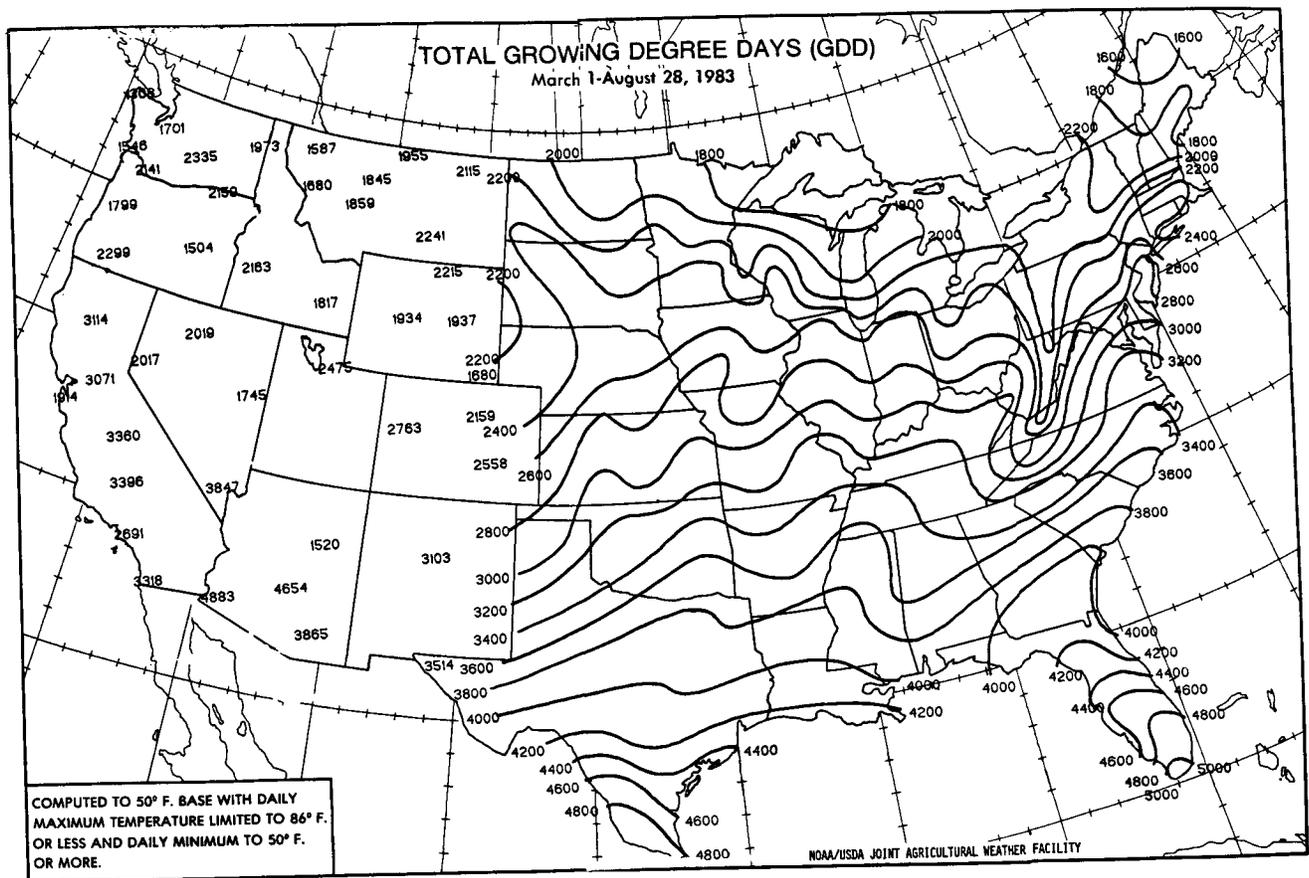
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National Weather Summary (continued from front cover)

Light showers continued in New Mexico and Colorado, and northeastward to southern Wisconsin and Michigan. Some heavy showers fell in the upper Mississippi Valley.

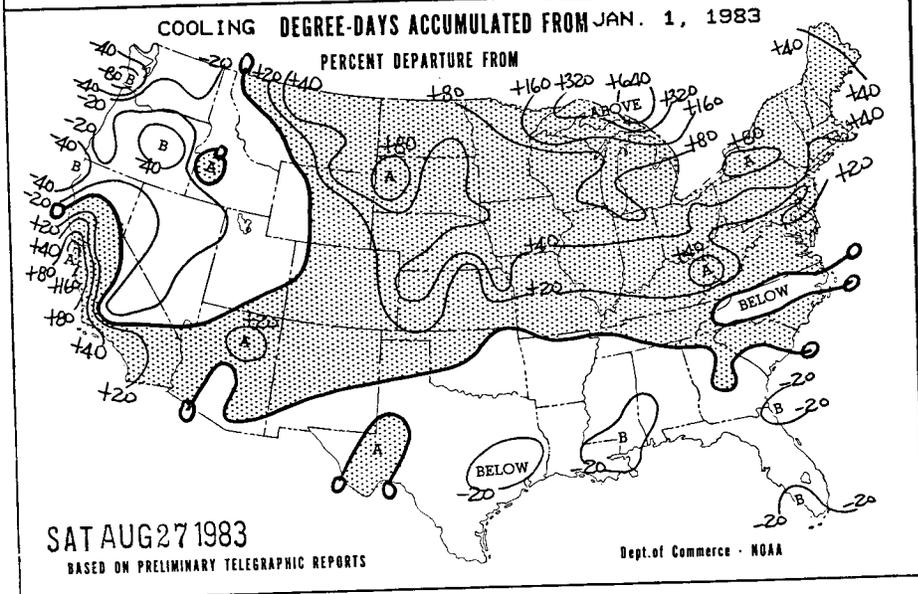
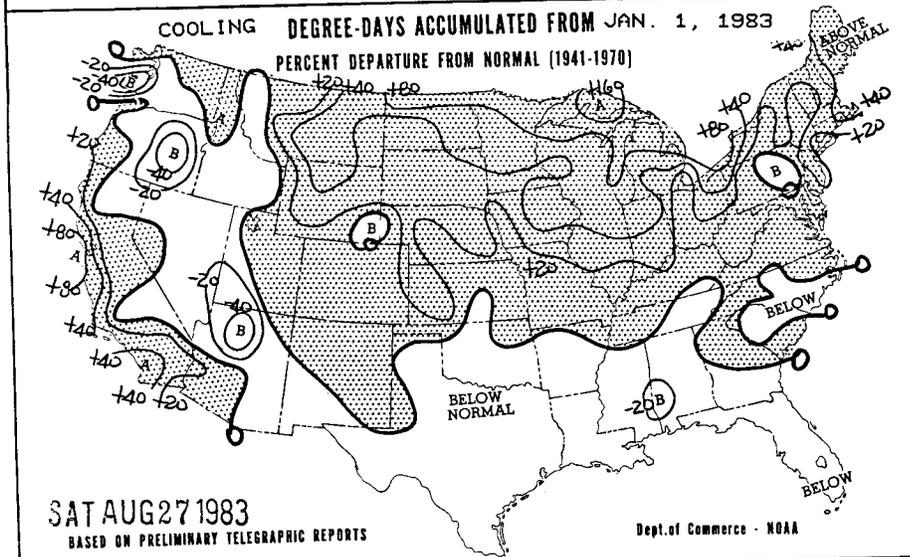
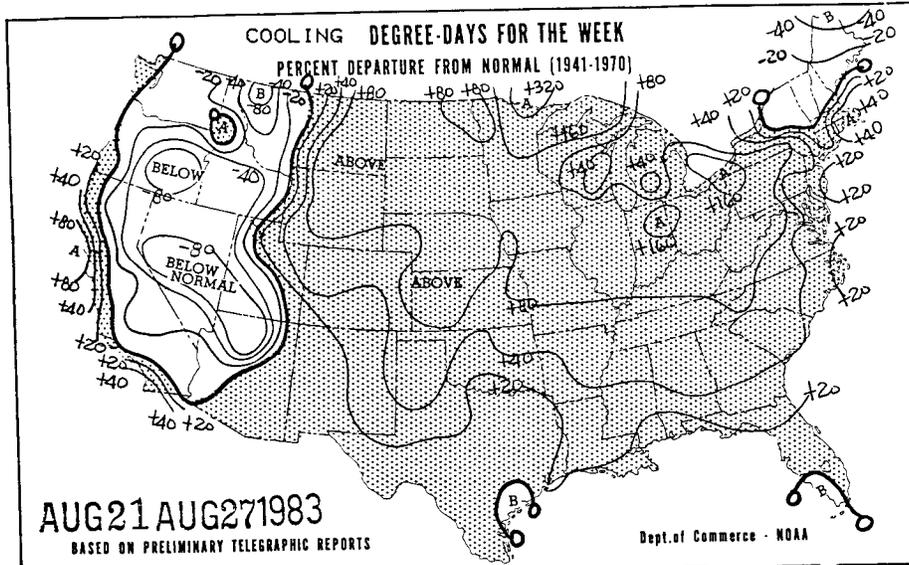
FRIDAY...Tropical Depression Barry moved into the central Gulf of Mexico and was strengthening. Showers and thunderstorms were moderate along the central gulf coast. An area of showers and thunderstorms continued from eastern Colorado to Iowa, southern Minnesota and Wisconsin, and northern Illinois. Some moderate to heavy showers fell in parts of Iowa and northern Illinois. Hot weather continued throughout the Plains and western Corn Belt but the East cooled somewhat.

SATURDAY..."Barry" strengthened to the tropical storm category and was rapidly approaching hurricane strength as it moved toward the southern Texas - northern Mexico coast. Showers spread over the entire Corn Belt with some isolated moderate to heavy rains from central Illinois to northeastern Ohio. High temperatures moderated over the northern part of the Corn Belt.

COOLING DEGREE DAY DATA WEEKLY SUMMARY
CLIMATE ANALYSIS CENTER-NM0-NAS-NOAA
ASSESSMENT AND INFORMATION SERVICES CENTER-NESD13-NOAA

LAST DATE OF DATA COLLECTION PERIOD IS 8-27-1983
ACCUMULATIONS ARE FROM JANUARY 1
***** = NORMAL LESS THAN 100 OR FATIC INCALCULABLE

Table with columns: STATE CITY, CALL, WEEK TOTAL, WEEK DEV FROM, WEEK DEV FROM L YR, CUM TOTAL, CUM DEV FROM, CUM DEV FROM NORM, CUM DEV FROM L YR, CUM DEV FROM L YR PRCT, STATE CITY, CALL, WEEK TOTAL, WEEK DEV FROM, WEEK DEV FROM L YR, CUM TOTAL, CUM DEV FROM, CUM DEV FROM NORM, CUM DEV FROM L YR, CUM DEV FROM L YR PRCT. Lists 100+ cities and their cooling degree day data.



Weather Data for the Week Ending Aug. 27, 1983

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 MAY 29	PCT. NORMAL SINCE MAY 29	TOTAL, IN., SINCE JAN. 1	PCT. NORMAL SINCE JAN. 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE °F		PRECIPITATION	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	97	73	102	71	85	6	1.8	1.0	1.5	8.0	70	43.2	111	24	42	7	0	4	1
AL MOBILE	92	74	96	73	83	1	1.0	.5	.9	19.1	100	57.8	126	89	55	5	0	4	1
AL MONTGOMERY	100	73	104	71	86	6	1.1	.4	1.1	12.8	114	50.4	149	86	61	7	0	1	1
AK ANCHORAGE	59	48	65	43	54	-2	1.1	.6	.4	4.2	89	6.7	84	92	64	0	0	6	0
AK BARROW	38	30	47	28	34	-3	.5	.3	.1	1.2	55	1.5	43	20	81	0	7	5	0
AK FAIRBANKS	55	44	61	39	50	-5	.8	.4	.4	4.7	100	5.5	80	98	69	0	0	6	0
AK JUNEAU	55	51	57	47	53	0	4.0	2.8	1.6	14.8	125	28.6	99	100	91	0	0	7	3
AK KODIAK	64	49	71	40	57	2	.1	1.2	T	12.4	101	50.4	132	93	59	0	0	2	0
AK NOMF	55	38	59	29	46	-3	.3	.5	.2	5.2	81	7.0	69	89	59	0	1	2	0
AZ PHOENIX	104	80	109	76	92	3	0	0	2.9	153	8.1	176	49	17	7	0	0	0	0
AZ PRFSCOTT	86	56	92	49	71	2	0	0	0	7.0	46	8.1	66	76	29	7	0	0	0
AZ TUCSON	98	70	101	65	84	1	T	T	T	6.1	133	10.3	139	56	20	7	0	0	0
AZ YUMA	105	77	114	74	91	0	0	0	0	1.0	100	1.9	127	53	19	7	0	0	0
AR FORT SMITH	99	73	101	68	86	6	0	0	0	7.0	85	21.2	77	86	32	7	0	0	0
AR LITTLE ROCK	99	75	101	72	87	8	.1	.6	.1	4.7	51	26.6	82	77	38	7	0	0	0
CA BAKERSFIELD	88	64	95	62	76	-5	0	0	0	1.0	+100	7.9	219	83	37	3	0	0	0
CA FURKA	67	55	69	51	61	4	T	T	T	1.8	150	26.9	160	93	67	0	0	1	0
CA FRESNO	89	62	96	60	76	-2	0	0	0	0	+100	16.3	243	76	32	4	0	0	0
CA LOS ANGELES	76	63	81	62	70	-1	0	0	0	1.2	1200	21.8	273	88	55	0	0	0	0
CA RED BLUFF	87	61	90	56	74	-5	.3	.2	.3	.5	71	29.6	233	85	30	2	0	2	0
CA SACRAMENTO	88	59	92	57	73	-1	0	0	0	.5	500	23.8	231	81	31	2	0	0	0
CA SAN DIEGO	81	70	85	66	76	3	0	0	0	.4	400	14.6	235	78	53	0	0	0	0
CA SAN FRANCISCO	75	59	76	57	67	4	T	0	0	0	25.4	213	83	47	0	0	0	0	0
CO DENVER	87	60	89	58	73	3	.2	.1	.2	6.6	132	16.5	143	75	26	0	0	2	0
CO GRAND JUNCTION	92	65	95	61	78	4	T	.2	T	4.4	275	9.6	188	50	17	5	0	1	0
CO PUEBLO	91	59	94	55	75	2	.6	.2	.6	5.4	110	10.9	124	78	24	6	0	1	1
CT BRIDGEPORT	82	62	87	57	72	0	T	.8	T	8.3	83	38.7	148	86	47	0	0	0	0
CT HARTFORD	86	58	93	52	72	2	T	1.0	T	7.0	68	35.9	128	79	37	2	0	1	0
DC WASHINGTON	91	71	99	66	81	4	.3	.7	.3	11.8	104	32.2	123	70	43	4	0	1	0
FL APALACHICOLA	92	75	94	74	83	2	1.6	.2	1.6	15.3	81	42.4	119	98	62	6	0	1	1
FL DAYTONA BEACH	90	73	92	71	81	0	.2	1.3	.2	18.2	102	40.9	132	93	60	0	1	0	0
FL JACKSONVILLE	94	74	97	74	84	3	1.0	.7	.9	17.7	95	43.0	118	95	54	7	0	3	1
FL KEY WEST	89	78	92	73	84	0	1.5	.3	1.4	13.0	98	42.6	188	80	50	4	0	4	1
FL MIAMI	91	75	95	73	83	1	1.9	.2	.6	21.4	97	39.6	107	87	54	6	0	6	3
FL ORLANDO	93	76	95	74	85	2	.2	1.1	.2	19.5	92	38.7	109	93	51	6	0	1	0
FL TALLAHASSEE	97	73	99	70	85	4	.2	1.4	.2	13.7	61	48.4	106	96	42	7	0	1	0
FL TAMPA	91	76	93	74	83	1	1.5	.1	1.5	25.7	131	44.8	136	97	63	6	0	2	1
FL WEST PALM BEACH	92	78	94	76	85	3	1.4	.1	.7	25.5	129	53.7	148	82	54	7	0	3	1
GA ATLANTA	94	74	101	71	84	7	.2	.5	.1	4.6	41	25.3	75	85	43	5	0	2	0
GA AUGUSTA	99	73	108	72	86	7	3.1	2.3	2.7	11.3	92	35.1	114	88	39	7	0	2	1
GA MACON	99	75	104	73	87	7	T	.8	T	11.0	92	35.7	110	88	41	7	0	0	0
GA SAVANNAH	95	76	100	74	85	5	1.2	.3	1.1	15.0	76	41.4	111	94	50	6	0	3	1
HI HILO	82	69	88	68	76	0	2.2	0	1.4	18.1	73	41.3	50	91	64	0	0	2	1
HI HONOLULU	90	76	92	73	83	2	.1	.1	.1	.6	38	2.1	15	79	46	5	0	3	0
HI KAHULUI	89	72	96	68	81	2	T	.1	T	1.2	92	4.0	37	77	50	3	0	0	0
HI LIHUE	84	75	85	71	79	0	.6	.2	.6	4.0	73	9.4	35	78	61	0	0	1	1
ID BOISE	83	53	88	48	68	-3	T	.1	T	1.6	107	11.7	152	80	36	0	0	0	0
ID LEWISTON	84	59	93	55	71	0	.3	.1	.2	3.3	118	9.5	117	91	35	1	0	2	0
ID POCAHELLO	83	50	90	48	67	0	.9	.8	.8	4.0	182	11.5	155	85	29	1	0	2	1
IL CHICAGO	86	65	95	59	76	5	.3	.5	.3	10.8	98	30.2	129	91	53	2	0	2	0
IL MOLINE	89	71	98	64	80	9	.6	.2	.4	9.0	71	20.6	78	97	60	4	0	3	0
IL PEORIA	94	72	99	67	83	11	.5	.3	.4	7.8	68	25.7	103	88	52	6	0	2	0
IL QUINCY	95	73	101	71	84	11	.3	.6	.2	2.9	24	17.2	66	87	45	6	0	2	0
IL ROCKFORD	86	68	95	62	77	7	2.2	1.4	.6	8.1	64	21.3	81	94	59	1	0	4	3
IL SPRINGFIELD	95	71	100	66	83	10	.3	.4	.2	5.8	46	10.3	81	93	48	6	0	2	0
IN EVANSVILLE	97	72	101	71	85	10	.4	.2	.4	6.6	63	32.8	109	89	42	7	0	1	0
IN FORT WAYNE	92	70	99	64	81	10	T	.7	T	6.5	63	18.8	76	84	44	5	0	1	0
IN INDIANAPOLIS	93	73	97	69	83	11	.4	.3	.3	8.7	74	22.8	83	86	49	7	0	3	0
IN SOUTH BEND	90	70	98	66	80	10	.4	.5	.4	6.4	57	20.1	79	88	51	6	0	2	0
IA DES MOINES	93	73	104	72	83	11	1.2	.3	.4	2.5	66	22.0	97	81	46	4	0	4	0
IA SIOUX CITY	90	73	97	71	81	10	.8	.1	.7	6.9	66	19.5	103	88	57	5	0	5	1
IA WATERLOO	85	69	92	64	77	8	.8	0	.6	10.1	79	23.9	99	95	60	2	0	4	1
KS CONCORDIA	97	73	104	67	85	9	.1	.6	.1	6.4	58	17.6	88	83	43	6	0	1	0
KS DODGE CITY	102	74	105	73	88	12	1.2	.6	.9	7.5	86	17.6	111	66	23	7	0	2	1
KS GOODLAND	98	67	100	66	82	10	.7	.3	.6	7.2	100	14.6	114	71	27	7	0	4	1
KS TOPEKA	100	71	107	67	86	10	.3	.6	.2	7.1	55	24.1	102	84	37	7	0	2	0
KS WICHITA	97	73	99	71	85	7	.2	.5	.2	12.6	120	27.5	139	82	40	7	0	1	0
KY BOWLING GREEN	95	73	101	70	84	8	.6	.1	.6	8.2	67	36.3	102	92	48	6	0	1	1
KY LEXINGTON	95	72	101	69	83	9	.6	.3	.5	6.4	48	25.0	78	85	40	6	0	2	0
KY LOUISVILLE	96	74	100	72	85	10	.6	.1	.6	7.6	68	30.5	98	85	45	7	0	1	1
LA ALEXANDRIA	92	74	93	72	83	1	.4	.1	.4	8.8	74	37.2	99	94	55	7	0	1	0
LA BATON ROUGE	93	75	94	74	84	3	.2	.8	.2	21.4	142	57.5	147	92	52	7	0	2	0
LA LAKE CHARLES	94	77	96	76	85	4	.7	.5	.7	14.8	99	39.7	111	94	54	7	0	1	1
LA NEW ORLEANS	92	75	94	71	84	2	.1	1.2	.1	19.3	114	58.4	143	89	53	7	0	2	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

+100 = NORMAL & ACTUAL NEAR THE SAME

Weather Data for the Week Ending Aug. 27, 1983

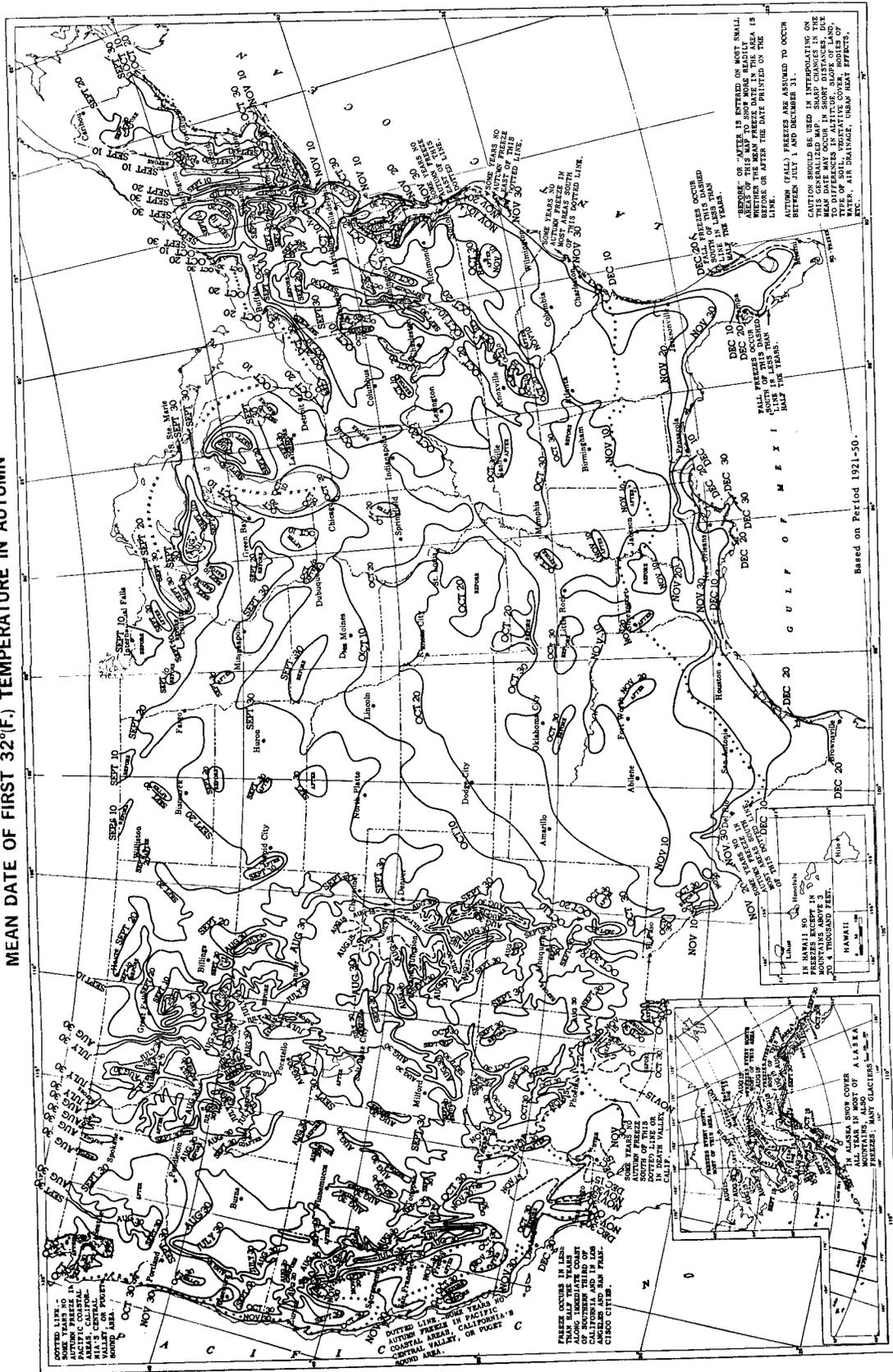
STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAY 20	PCT. NORMAL SINCE MAY 20	TOTAL, IN., SINCE JAN. 1	PCT. NORMAL SINCE JAN. 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
ME	SHREVEPORT	97	74	99	71	86	4	.4	-.2	.4	9.8	101	33.8	112	92	66	7	0	1	0
	CARIBOU	71	51	80	41	61	0	.8	-.1	.8	11.0	100	28.1	123	87	51	0	0	2	1
	PORTLAND	78	54	87	49	66	0	.1	-.6	.1	8.6	90	38.4	147	90	42	0	0	1	1
MD	BALTIMORE	89	65	99	62	77	2	1.0	-.1	.9	8.7	73	33.9	127	90	42	3	0	2	1
	SALISBURY	86	63	94	58	74	0	1.1	-.2	1.0	10.4	78	39.4	106	100	50	1	0	2	1
MA	BOSTON	83	64	95	60	74	3	.1	-.8	.1	5.1	56	33.6	124	82	39	1	0	1	0
	CHATHAM	74	60	78	55	67	0	-.1	-.9	-.1	8.9	93	30.7	136	88	62	0	0	1	0
MI	ALPENA	81	53	88	48	67	4	.3	-.4	.3	7.1	76	22.6	116	100	56	0	0	2	1
	DETROIT	86	65	90	60	75	6	-.1	-.6	-.1	11.0	115	23.8	110	85	47	1	0	2	1
MI	FLINT	85	63	89	55	74	7	.8	-.1	.8	8.6	91	20.2	97	96	55	0	0	2	1
	GRAND RAPIDS	81	61	86	55	71	3	.7	-.1	.7	8.9	86	23.8	105	95	62	0	0	2	1
MI	HOUGHTON LAKE	79	56	83	44	68	4	.5	-.2	.4	6.4	73	17.8	98	97	57	0	0	3	1
	LANSING	84	61	90	54	73	5	1.0	-.3	1.0	8.9	97	27.3	108	96	56	1	0	1	1
MI	MARQUETTE	79	54	85	47	66	5	.1	-.7	.1	9.2	88	25.8	108	94	48	0	0	1	0
	MUSKOGON	82	61	91	55	71	4	.4	-.4	.3	5.8	71	16.6	81	96	61	1	0	2	0
MN	SAUL STE. MARIE	80	56	84	49	68	6	.3	-.6	.2	9.3	96	20.9	103	95	56	0	0	3	0
	ALEXANDRIA	83	65	90	59	74	7	.3	-.5	.3	10.9	103	14.9	83	94	60	1	0	2	0
MN	DULUTH	81	60	89	53	71	10	-.1	-.8	.1	8.6	72	16.6	81	90	51	0	0	1	0
	INT'L FALLS	79	58	86	49	68	7	2.3	1.7	1.0	10.9	104	14.7	86	100	58	0	0	5	2
MN	MINNEAPOLIS	84	68	90	62	76	7	1.6	-.8	1.1	11.1	99	25.9	136	83	57	2	0	4	1
	ROCHESTER	81	64	85	57	73	6	3.8	3.0	2.7	11.7	100	31.9	108	94	60	0	0	5	3
MS	GREENWOOD	98	75	102	73	86	6	T	-.6	T	9.5	87	44.3	121	89	42	6	0	0	0
	JACKSON	94	74	99	72	84	3	.3	-.6	.2	8.7	78	54.1	148	99	58	4	0	2	0
MO	MERIDIAN	95	71	99	69	83	3	.1	-.6	-.1	11.6	96	50.0	135	100	48	7	0	2	0
	CAPR CIRARDEAU	98	74	101	71	86	11	.2	-.6	.2	4.3	39	27.9	91	95	63	7	0	1	0
MO	COLUMBIA	98	73	103	68	85	11	.1	-.6	-.1	7.0	69	24.4	100	87	41	5	0	1	0
	KANSAS CITY	97	73	103	68	85	10	.5	-.4	.3	5.9	47	21.5	86	87	41	5	0	1	0
MO	SAINT LOUIS	98	78	103	73	88	12	2.0	1.5	2.0	7.9	78	26.6	112	89	43	7	0	2	1
	SPRINGFIELD	96	73	102	71	84	8	.7	0	.5	8.8	80	26.8	102	84	47	6	0	2	0
MT	BILLINGS	88	60	95	58	74	6	.3	0	.3	3.5	85	7.5	71	73	24	3	0	2	0
	GLASGOW	84	59	93	55	72	5	T	-.3	T	3.4	62	5.9	64	73	27	2	0	1	0
MT	GREAT FALLS	82	53	87	47	67	1	.1	-.2	.1	7.7	145	11.3	98	81	25	0	0	3	0
	HAVRE	84	53	88	48	68	2	T	-.3	T	5.4	113	10.6	116	79	27	0	0	0	0
MT	HELENA	79	53	85	50	66	2	2.0	1.7	1.8	8.4	191	11.1	134	87	36	0	0	5	1
	KALISPELL	78	48	82	43	63	1	.2	-.2	.1	6.1	124	12.7	117	93	39	0	0	2	0
MT	MILES CITY	91	62	96	57	76	6	.3	0	.2	3.4	60	5.9	55	77	25	0	0	3	0
	MISSOULA	80	52	88	48	66	2	.1	-.1	.1	5.8	157	11.9	137	92	34	0	0	3	0
NE	GRAND ISLAND	92	71	98	67	82	9	1.4	-.8	1.4	10.3	111	20.6	116	85	47	4	0	2	0
	LINCOLN	93	73	100	70	83	0	.5	-.3	.3	9.2	88	20.7	105	90	52	4	0	2	1
NE	NORFOLK	93	71	101	67	82	10	.8	-.2	.6	10.8	104	21.3	113	84	48	4	0	3	1
	NORTH PLATTE	90	65	95	61	77	6	1.3	-.9	1.2	9.1	105	16.4	106	85	42	6	0	2	0
NE	OMAHA	90	72	97	70	81	9	.2	-.8	.2	7.2	61	21.6	98	88	63	4	0	2	0
	SCOTT'S BLUFF	89	60	94	55	75	5	.4	-.1	.4	3.7	60	17.2	106	84	32	2	0	1	0
NE	VALENTINE	91	63	98	58	77	7	.4	-.2	.3	12.9	159	20.6	144	88	35	5	0	3	0
	FLY	78	42	84	31	58	0	T	-.1	T	4.8	260	11.1	182	84	35	0	0	1	0
NV	LAS VEGAS	95	67	100	65	81	-6	0	-.1	0	1.4	117	3.8	127	50	17	7	0	0	0
	RENO	83	46	91	41	64	-1	.1	-.1	.1	1.2	109	7.4	152	85	21	2	0	2	0
NV	WINNEMUCCA	83	47	90	42	65	-2	.4	-.3	.4	2.7	180	7.5	136	90	21	1	0	1	0
	CONCORD	82	50	90	43	66	0	.3	-.5	.2	7.2	78	20.1	131	93	37	1	0	2	0
NH	ATLANTIC CITY	85	60	91	55	73	1	T	-1.0	T	5.6	50	28.9	101	91	40	1	0	1	0
	ALBUQUERQUE	90	65	95	62	77	3	.2	-.2	.1	2.1	66	4.8	91	72	77	4	0	1	0
NM	CLOVIS	91	63	95	59	77	2	.5	-.1	.3	3.7	45	6.8	54	74	28	6	0	3	0
	ROSWELL	93	68	98	65	81	3	.6	-.1	.6	2.2	51	4.2	67	58	27	6	0	1	1
NY	ALBANY	80	55	89	50	68	0	T	-.7	T	7.1	75	31.8	141	99	56	0	0	1	0
	BINGHAMTON	83	59	89	52	71	5	.1	-.7	T	9.6	92	28.3	119	83	41	0	0	3	0
NY	BUFFALO	82	60	86	53	71	3	.5	-.5	.4	8.8	93	20.1	84	87	46	0	0	2	0
	NEW YORK	84	67	90	60	76	2	0	-1.0	0	8.7	79	38.1	137	79	42	1	0	0	
NY	ROCHESTER	80	60	87	54	70	2	.3	-.5	.2	8.4	100	20.0	97	94	56	0	0	3	0
	SYRACUSE	79	57	85	51	68	0	.4	-.4	.4	6.9	63	21.1	82	96	56	0	0	1	0
NC	ASHEVILLE	91	67	100	65	79	7	.2	-.9	.2	5.5	41	29.6	90	100	54	4	0	1	0
	CHARLOTTE	92	71	103	67	82	5	2.4	1.5	2.3	7.9	72	26.8	91	87	45	4	0	2	1
NC	GREENSBORO	90	69	100	63	80	4	.6	-.3	.5	10.3	83	29.8	102	86	49	3	0	3	1
	HATTERAS	85	70	90	65	78	0	.5	-.9	.5	7.6	49	18.8	112	91	63	1	0	1	0
NC	NEW BERN	91	71	100	64	81	3	.3	-1.1	.3	12.8	71	38.8	107	88	55	4	0	2	1
	RALEIGH	92	68	101	61	80	4	1.2	-.3	1.1	6.0	48	31.0	107	90	48	4	0	0	0
NC	WILMINGTON	93	73	100	66	83	4	0	-1.5	0	17.2	88	41.9	113	92	52	4	0	2	0
	BISMARCK	89	58	86	55	73	6	.1	-.3	.1	5.9	87	10.2	84	80	22	4	0	2	0
ND	FARGO	82	60	90	50	71	4	.5	-.1	.2	7.7	84	12.8	86	98	57	1	0	3	0
	GRAND FORKS	84	60	89	51	72	7	1.6	-1.1	1.0	10.5	130	14.9	114	91	49	0	0	3	0

Weather Data for the Week Ending Aug. 27, 1983

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 MAY 29	PCT. NORMAL SINCE MAY 29	TOTAL, IN., SINCE JAN. 1	PCT. NORMAL SINCE JAN. 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE °F		PRECIPITATION	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	90	67	96	61	79	7	.1	-.7	.1	10.5	101	24.2	96	78	40	5	0	1	0
TOLEDO	85	64	90	59	75	6	.6	-.1	.6	9.5	96	20.6	94	92	54	2	0	2	1
YOUNGSTOWN	90	63	94	53	77	9	0	-.8	0	8.4	76	22.1	85	80	30	5	0	0	0
OK OKLAHOMA CITY	95	72	97	71	83	4	0	-.6	0	7.7	81	22.5	103	86	42	7	0	0	0
TULSA	102	79	104	77	91	10	0	-.7	0	2.9	26	20.4	79	74	30	7	0	0	0
OR ASTORIA	68	54	71	52	61	1	T	-.4	T	9.6	188	48.0	130	98	69	0	0	1	0
BURNS	72	44	81	39	58	-8	.3	.1	.2	2.6	118	11.4	163	92	1	0	4	0	
MEDFORD	83	57	90	54	70	0	1.2	1.0	.7	2.5	167	14.2	129	92	39	1	0	4	1
PENDLFTON	80	58	84	56	69	-1	.4	.3	.4	2.0	133	8.6	121	77	32	0	0	1	0
PORTLAND	77	58	81	51	67	1	.1	-.2	.1	4.8	155	28.8	138	84	38	0	0	1	0
SALEM	80	54	85	46	67	2	T	-.2	T	5.0	217	35.1	157	84	38	0	0	1	0
PA ALLENTOWN	88	62	93	57	75	4	0	-1.0	0	9.5	83	32.1	113	79	39	3	0	0	0
ERIE	81	65	84	58	73	6	.1	-.8	.1	14.1	132	26.6	100	85	58	0	0	1	0
HARRISBURG	87	64	99	61	75	2	1.3	.5	1.0	6.6	64	30.0	119	85	41	2	1	0	0
PHILADELPHIA	88	64	96	61	76	2	.1	-.8	.1	4.6	40	32.4	119	88	38	2	0	1	0
PITTSBURGH	88	64	93	55	76	6	T	-.7	T	11.0	105	26.4	102	87	42	2	0	1	0
SCRANTON	85	60	89	56	72	4	.1	-.7	.1	9.7	93	27.9	122	81	41	0	0	2	0
RI PROVIDENCE	83	62	92	58	73	3	T	-.9	T	8.3	86	41.4	146	72	32	1	0	1	0
SC CHARLESTON	94	77	100	74	85	6	.5	-.9	.5	13.8	68	40.6	108	94	54	5	0	1	1
COLUMBIA	97	74	107	70	86	6	.4	-.9	.4	6.9	45	29.7	87	92	44	5	0	1	0
FLORENCE	95	74	103	70	84	5	0	-1.0	0	12.9	87	37.0	121	81	42	6	0	0	0
GREENVILLE	93	72	103	70	82	6	2.0	1.1	1.1	9.1	72	33.8	97	87	48	4	0	3	2
SD ABERDEEN	87	65	93	56	74	7	T	-.4	T	13.0	171	18.7	133	80	52	2	0	1	0
HURON	92	65	100	54	78	8	.1	-.4	.1	7.3	94	12.3	87	100	45	5	0	1	0
RAPID CITY	90	63	95	50	76	7	1.8	1.5	1.7	7.3	101	11.8	80	93	36	6	0	1	0
SIOUX FALLS	89	68	96	60	78	8	.6	-.2	.3	9.2	97	19.1	106	96	50	4	0	5	0
TN CHATTANOOGA	97	73	103	70	85	7	.1	-.7	.1	6.9	62	30.4	85	94	40	7	0	1	0
KNOXVILLE	95	71	101	69	83	7	.3	-.3	.3	9.9	89	27.8	84	93	47	7	0	1	0
MEMPHIS	98	70	100	77	88	9	0	-.8	0	8.0	71	35.0	95	88	45	7	0	0	0
NASHVILLE	97	75	101	73	86	9	.5	-.3	.5	7.1	65	33.5	99	91	42	7	0	1	1
TX ARILENE	98	75	99	73	87	5	0	-.6	0	7.4	103	12.7	82	70	27	7	0	0	0
AMARILLO	98	66	101	64	82	6	.1	-.5	.1	3.2	34	10.5	72	69	23	7	0	1	0
AUSTIN	96	74	97	68	85	1	T	-.6	T	9.0	122	25.3	119	89	39	7	0	1	0
BEAUMONT	90	77	90	75	83	0	.5	-.8	.5	27.7	191	53.5	158	100	67	5	0	2	0
BROWNSVILLE	96	76	97	72	86	2	.2	-.7	.2	10.8	159	15.7	115	89	45	7	0	1	0
CORPUS CHRISTI	93	74	95	73	84	-1	2.2	1.2	2.1	13.8	164	23.7	133	96	53	6	0	2	1
DEL RIO	99	76	101	74	87	3	0	-.4	0	2.3	43	6.3	56	76	30	7	0	0	0
EL PASO	95	67	98	65	81	2	.3	0	.2	1.7	50	4.6	96	81	26	7	0	6	0
FORT WORTH	95	75	96	73	85	0	T	-.4	T	10.5	164	24.0	116	86	42	7	0	0	0
GALVESTON	91	82	93	81	86	3	T	-1.1	T	20.7	182	34.6	138	80	61	5	0	0	0
HOUSTON	93	73	94	72	83	1	T	-.9	T	20.3	183	37.5	127	96	53	7	0	0	0
LUBBOCK	95	69	99	67	82	5	0	-.5	0	2.6	35	8.2	64	66	30	7	0	0	0
MIDLAND	98	71	101	70	85	5	0	-.4	0	.9	19	3.0	33	65	24	7	0	0	0
SAN ANGELO	96	72	98	67	84	2	0	-.5	0	5.3	108	10.0	86	78	30	7	0	0	0
SAN ANTONIO	97	75	98	72	86	3	T	-.7	T	5.9	76	17.3	93	84	35	7	0	0	0
VICTORIA	93	74	95	72	84	0	.7	-.2	.6	15.4	145	27.1	118	98	59	7	0	3	1
WACO	97	76	98	73	86	1	0	-.5	0	8.5	131	18.6	87	87	43	7	0	0	0
WICHITA FALLS	101	73	102	71	87	4	0	-.5	0	5.8	81	15.7	86	82	28	7	0	0	0
UT BIRANDING	86	56	88	53	71	2	0	-.3	0	3.6	133	9.4	145	68	27	0	0	0	0
CFDAR CITY	83	53	88	49	68	-2	0	-.3	0	4.0	148	10.9	158	70	21	0	0	0	0
SALT LAKE CITY	87	63	93	59	75	2	.2	0	.2	4.5	167	15.1	147	71	25	2	0	1	0
VT BURLINGTON	76	56	85	49	66	1	.3	-.6	.2	10.3	94	30.0	137	86	42	0	0	3	0
VA NORFOLK	87	69	100	64	78	1	.5	-.7	.4	6.3	46	28.8	94	88	45	2	0	2	0
RICHMOND	91	65	102	57	78	2	.1	-1.0	.1	7.0	51	26.3	90	96	42	3	0	1	0
ROANOKE	91	69	105	60	80	6	.8	-.1	.8	6.1	57	20.0	109	92	48	3	0	2	1
WA COVILLE	78	54	85	49	66	1	1.7	1.4	.9	6.4	194	18.4	169	86	56	0	0	3	2
QUILLAYUTE	68	48	72	44	58	-1	T	-.7	T	15.9	194	20.2	123	97	57	0	0	1	0
SEATTLE-TACOMA	73	56	78	53	64	1	T	-.3	T	4.6	135	23.2	112	85	50	0	0	0	0
SPOKANE	70	57	85	51	68	1	.4	-.2	.3	4.9	196	13.3	124	77	35	0	0	0	0
WYAKIMA	83	53	86	48	68	1	T	-.1	T	1.0	100	7.4	172	75	31	0	0	0	0
WV BECKLEY	82	66	87	62	74	6	.7	0	.3	13.3	115	24.2	82	97	63	0	0	0	0
CHARLESTON	92	70	98	65	81	8	1.0	.2	1.0	10.0	79	26.7	89	93	50	5	0	1	1
HUNTINGTON	94	73	100	69	83	10	1.5	.8	1.2	8.6	74	24.6	85	93	47	6	0	3	1
PARKERSBURG	91	70	99	67	81	8	T	-.7	T	7.2	57	25.8	85	84	40	5	0	0	0
WI GREEN BAY	79	60	86	51	69	3	3.0	2.3	2.6	10.7	113	20.5	108	99	59	0	0	2	1
LA CROSSE	82	65	86	58	74	4	2.4	1.5	1.0	8.1	70	17.7	81	97	60	0	0	5	3
MADISON	81	60	90	50	71	4	2.5	1.7	.9	9.0	79	20.4	94	96	62	1	0	4	3
MILWAUKEE	81	66	92	62	74	5	.4	-.3	.2	8.1	79	25.2	120	84	61	1	0	3	0
WAUSAU	80	62	89	55	71	6	1.2	.2	1.2	8.5	71	17.4	78	94	50	0	0	1	1
WY CASPER	91	54	94	47	73	6	T	-.1	T	7.1	229	13.6	160	78	15	5	0	1	0
CHEYENNE	83	56	85	52	69	4	.2	-.1	.2	7.6	138	16.7	159	88	31	0	0	2	0
LANDER	88	56	91	52	72	5	T	-.1	T	1.8	67	10.6	110	54	14	2	0	3	0
SHERIDAN	93	58	99	52	75	9	.1	-.2	.1	.9	20	5.0	45	71	10	4	0	1	0
PR SAN JUAN	88	78	91	74	83	1	1.5	.1	1.1	12.1	80	26.6	83	90	73	3	0	5	1

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

MEAN DATE OF FIRST 32°F. TEMPERATURE IN AUTUMN



National Agricultural Summary

AUGUST 22 TO 28

HIGHLIGHTS: Hot temperatures from the northern and central Plains eastward to the Mid-Atlantic States stressed crops and caused widespread deterioration of pastures and rangelands. Scattered showers provided short-term relief from extremely dry conditions in many areas but soil moisture continued short to very short, except in the West where supplies were mostly adequate. Nationwide, farmers had 5 to 7 days available for fieldwork. However, high temperatures limited outside activity in many regions. Winter wheat harvesting was complete, except in the Northwest. Spring wheat was 84% harvested, compared to 59% for both last year and the average. Corn was 82% in or past the dough stage and 39% dented. Farmers in the Midwest and Southeast continued diverting acreage to silage. Soybeans had bloomed on 95% of the acreage and set pods on 80%. Cotton was setting bolls on 98% of the acreage. Bolls were opening on 9% of the acreage, half last year's pace. Sorghum was 86% headed and 43% was turning color. Rice harvesting reached 17% completion. Fall vegetable planting was active while harvesting of summer vegetables continued to decline. Harvesting of peaches and early apple varieties was active in the Northeast. Hot, dry conditions continued to cause deterioration of pastures and ranges. Supplemental feeding became more widespread. Poultry losses, due to the heat rose in the Southeast.

SMALL GRAINS: Winter wheat combining was finished, except in the Northwest. Plowing for fall seeding was active. Indiana producers had plowed 20% of their acreage. Additional moisture was needed for seeding in most areas. However, limited acreage was seeded in Wyoming.

Spring wheat harvesting advanced to 84% completion, well ahead of the 59% pace for both last year and the average. Idaho was the only State behind normal; 23% was harvested, compared with the 50% average. Montana producers combined 20% of their acreage during the week and North Dakota growers harvested 11%.

CORN: Corn continued to deteriorate as hot, dry conditions persisted across much of the Corn Belt and Southeast. The crop was rated poor to fair, except in the West, northern Plains, and Great Lake States where fair to mostly good conditions were reported. Growers in the Midwest and Southeast continued to divert acreage to silage. High winds and hail damaged some fields in Iowa. In the 17 major producing States, 82% of the corn was in or past the dough stage and 39% was in or past the dent stage. A year earlier 76% was in or past the dough stage and 40% had reached the dent stage. Harvesting became more widespread in southern producing areas, reaching 41% in Georgia. Harvesting advanced as far north as Virginia, where 4% of the crop had been harvested.

SOYBEANS: Hot, dry conditions continued to hamper soybean development; plants began shedding blossoms and pods in some areas. The crop was rated poor to fair in most producing areas. Growers sprayed insecticides to control increasing populations of caterpillars and grasshoppers across the northern Plains where fields were in mostly fair condition. In the 18 major producing States, 95% of the crop had bloomed and 80% was setting pods. Eighty-five percent of the crop had set pods a year earlier. Fields began turning yellow in parts of the Corn Belt, and 5% of the crop had dropped its leaves in Georgia.

COTTON: Cotton was in fair to good condition in

the western producing areas and poor to fair condition elsewhere. Ninety-eight percent of the acreage had set bolls, the same as the average for this date. In the 14 major producing States 9% of the bolls had opened, half last year's progress. Hot, dry weather continued to stress dryland fields in the Blacklands and Cross Timbers regions of Texas. Some stands on the Plains dropped squares due to the heat and dryness. Harvesting increased in South Texas, reaching 6% completion, half last year's pace.

SORGHUM: Sorghum was in poor to fair condition, except in Colorado and Texas where fair to good conditions were reported. Heading was complete on 86% of the acreage in the 7 major producing States, 6 points behind the 92% average. Forty-three percent of the crop had turned color, 3 points behind normal. Harvesting was 60% complete in Texas, 4 points behind average. Heat and moisture shortages continued to stress dryland fields. Many late planted fields in the Texas Plains and West Texas are expected to yield a small crop.

OTHER CROPS: Rice was in fair to good condition. In the 5 major producing States 81% of the acreage was headed, 5 points behind both last year and the average. The Texas harvest reached 67%, 28 points behind average. In Louisiana 35% was harvested and growers were just beginning to harvest in Arkansas and Mississippi.

Tobacco harvesting continued to be active in nearly all producing areas. Ninety percent of the crop had been cut in Georgia. The burley harvest was 10% finished in Kentucky, compared with the 23% average.

Peanuts were in fair to poor condition in the Southeast and fair to good condition elsewhere. Harvesting started in many areas. Dry, hard soils continued to limited pegging in parts of the Southeast.

VEGETABLES: Fall vegetable planting progressed rapidly in northern areas as summer harvests continued to decline in volume. Hot, dry weather continued stressing crops, and producers irrigated fields. Onion harvesting gained momentum in Michigan and New York. Florida producers prepared fields and laid plastic for fall planting. Seeding and transplanting became more active. Land preparation for fall planting was active in Texas. Broccoli, cauliflower, and lettuce planting was active in the Desert and San Joaquin Valley of California. Growers continued harvesting a wide variety of crops.

FRUITS AND NUTS: Peach and early apple picking was active in the Northeast. Florida's citrus trees had abundant new growth and the new crop fruit appears to be sizing well. Rain caused splitting problems in California dates and high humidity caused problems in vineyards in the southern part of the State. Harvesting of wine grapes began, although light in volume. Nectarine, Freestone peach, and plum picking was almost complete. Cling peach harvesting was winding down. The almond harvest continued, while growers prepared for the pistachio harvest.

PASTURES AND LIVESTOCK: Pastures and ranges continued to deteriorate in most areas, causing increased supplemental feeding of livestock. Conditions were mostly poor to fair, except in Florida and the West where mostly good conditions were reported. High temperatures caused increased poultry losses in the Southeast.

CROP PROGRESS

FOR WEEK ENDING AUG 28, 1983

	SOYBEANS % BLOOMING		
	1983	1982	AVG.
ALA	90	96	93
ARK	83	90	86
GA	96	98	97
ILL	100	100	100
IND	100	100	100
IOWA	100	100	100
KANS	97	80	95
KY	88	100	92
LA	91	98	95
MICH	100	100	100
MINN	100	100	100
MISS	89	98	100
MO	94	87	87
NEBR	100	100	100
N C	84	87	87
OHIO	100	100	100
S C	87	94	92
TENN	94	100	96
18 STATES	95	97	96

THESE 18 STATES PRODUCED 94% OF THE 1982 SOYBEAN CROP.

	SOYBEANS % SETTING PODS		
	1983	1982	AVG.
ALA	66	85	78
ARK	56	73	63
GA	74	86	79
ILL	97	94	95
IND	90	95	90
IOWA	100	89	98
KANS	70	60	80
KY	44	77	70
LA	73	84	84
MICH	90	100	96
MINN	98	97	97
MISS	48	83	81
MO	75	68	70
NEBR	100	80	96
N C	46	62	63
OHIO	95	99	95
S C	52	73	69
TENN	70	83	72
18 STATES	80	85	85

THESE 18 STATES PRODUCED 94% OF THE 1982 SOYBEAN CROP.

	CORN % DOUGH		
	1983	1982	AVG.
COLO	61	52	59
GA	100	100	100
ILL	92	94	92
IND	90	98	90
IOWA	78	61	81
KANS	75	75	85
KY	82	100	91
MICH	75	90	86
MINN	80	66	66
MO	92	85	80
NEBR	85	55	75
N C	95	96	97
OHIO	90	99	85
PA	58	74	73
S DAK	69	59	73
VA	88	88	89
WIS	69	59	59
17 STATES	82	76	81

THESE 17 STATES PRODUCED 93% OF THE 1982 CORN CROP.

	CORN % DENT		
	1983	1982	AVG.
COLO	15	8	27
GA	99	99	98
ILL	55	68	59
IND	30	60	45
IOWA	40	25	41
KANS	25	35	50
KY	39	77	61
MICH	15	30	23
MINN	30	21	25
MO	68	62	59
NEBR	25	15	25
N C	90	93	92
OHIO	35	65	40
PA	17	20	21
S DAK	29	13	33
VA	66	66	70
WIS	34	17	29
17 STATES	39	40	42

THESE 17 STATES PRODUCED 93% OF THE 1982 CORN CROP.

	SPRING WHEAT % HARVESTED		
	1983	1982	AVG.
IDAHO	23	46	50
MINN	94	63	65
MONT	75	30	35
N D	84	56	54
S DAK	100	100	96
5 STATES	84	59	59

THESE 5 STATES PRODUCED 96% OF THE 1982 SPRING WHEAT CROP.

	RICE % HEADED		
	1983	1982	AVG.
ARK	80	87	82
CALIF	55	60	73
LA	87	93	95
MISS	92	94	90
TEX	100	100	100
5 STATES	81	86	86

THESE 5 STATES PRODUCED 98% OF THE 1982 RICE CROP.

	RICE % HARVESTED		
	1983	1982	AVG.
ARK	1	5	4
CALIF	0	0	0
LA	35	57	66
MISS	1	5	6
TEX	67	86	95
5 STATES	17	26	29

THESE 5 STATES PRODUCED 98% OF THE 1982 RICE CROP.

	COTTON % SETTING BOLLS		
	1983	1982	AVG.
ALA	100	100	100
ARIZ	100	100	100
ARK	100	100	100
CALIF	98	100	98
GA	100	100	100
LA	97	99	100
MISS	100	100	100
MO	100	100	92
N MEX	96	100	100
N C	91	99	99
OKLA	90	70	90
S C	100	100	100
TENN	99	100	96
TEX	97	92	97
14 STATES	98	95	98

THESE 14 STATES PRODUCED 99% OF THE 1982 COTTON CROP.

	COTTON % BOLLS OPENING		
	1983	1982	AVG.
ALA	12	20	15
ARIZ	33	36	37
ARK	9	18	10
CALIF	5	10	15
GA	19	19	29
LA	4	17	23
MISS	10	36	33
MO	10	24	20
N MEX	1	10	6
N C	17	28	23
OKLA	0	0	2
S C	46	37	33
TENN	19	13	8
TEX	8	16	20
14 STATES	9	18	20

THESE 14 STATES PRODUCED 99% OF THE 1982 COTTON CROP.

	SORGHUM % HEADED		
	1983	1982	AVG.
COLO	84	66	82
KANS	75	60	85
MO	85	84	85
NEBR	97	90	100
OKLA	90	80	90
S DAK	81	91	89
TEX	91	95	96
7 STATES	86	82	92

THESE 7 STATES PRODUCED 90% OF THE 1982 SORGHUM CROP.

	SORGHUM % COLORING		
	1983	1982	AVG.
COLO	23	8	6
KANS	15	5	25
MO	42	45	38
NEBR	30	5	30
OKLA	0	0	0
S DAK	34	13	31
TEX	71	71	74
7 STATES	43	36	46

THESE 7 STATES PRODUCED 90% OF THE 1982 SORGHUM CROP.

State Summaries of Weather and Agriculture

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

ALABAMA: Temperatures above normal. Light rainfall most stations.

Soil moisture very short to short. Field-work: 6.4 days. Corn mature 71%, 1982 88%, average 81%; corn harvested 31%, 1982 41%, average 37%. Cotton setting bolls 100%, 1982 100%, average 100%; cotton bolls open 12%, 1982 20%, average 15%. Sorghum harvested 12%, 1982 18%, average 28%. Soybeans blooming 90%, 1982 96%, average 93%; soybeans setting pods 66%, 1982 85%, average 78%. Peanuts dug 1%, 1982 5%. Activities: Harvesting fruits, vegetables, corn, sorghum, and hay; pest control; and care of livestock and poultry. Conditions: Livestock and sorghum fair; corn, cotton, soybeans, peanuts, and pastures mostly fair.

ALASKA: Weather cooler, wetter, northern valleys, temperatures much cooler than normal; rainfall much higher than normal. South, temperatures near normal, rainfall near to below normal.

Rain, cloudy days, cooler conditions, some intermittent sunshine general all areas. Zero to 6.0 days suitable for making hay or fieldwork. Second crop hay making delayed, wet condition many areas. Kenai Peninsula growers winding up hay harvest. Majority small grains turning color, earlier seeded fields beginning to ripen. Mostly light to moderate wind, rain damage to potato plants and pea vines. Vegetable harvest continues excellent quality, prospects good yield. Potato harvest getting underway. Soil moisture supplies mostly adequate to surplus.

ARIZONA: Precipitation mostly confined to White Mountains, southeast. Amounts between 0.10 and 1.00 in. Greer received 2.73 in. Average temperatures 6° below normal at Kingman to 3° above at Phoenix.

Cotton average condition. Bolls open on 33% of cotton, 36% last year, 37% average. Insect, weather damage on some acreage, not extensive. Most damage southeastern portions of State. Insect spraying active. Corn average condition, tasseling. Harvest to begin next month. Sorghum heading out. Weed, insect control took place. Alfalfa harvest continued. Delays not as common as last week, damage to both cut, standing hay reported. Harvest of lemons gained momentum, shipping volume increased. Harvest not begun Maricopa County, should begin mid-September. Lemons not ready for harvest sizing normally. Groves in good condition. Grapefruit harvest continued, limited scale. Grape picking completed. Peach, apple harvest continued. Planting 1983-84 fall lettuce took place. Lettuce in Cochise County good progress, some thinning taking place. Cauliflower planted Yuma County, growers preparing land for planting other fall vegetables. Dry onion, bell pepper harvest continued Willcox area. Watermelon harvest took place, other summer melon harvest completed. Fall cantaloups, honedews good shape. Started harvest fall melons in Aguilla.

ARKANSAS: Another hot and dry week from 4 to 10° above normal. Highs 98 to 108°. Lowest 65°. Highest rainfall 0.95 in., most stations none.

Fieldwork 7.0 days. Crop growth slow. Soil moisture short to very short. Cotton fair, but non-irrigated poor: bolls opening 9%, 18% 1982, 10% average. Rice good condition: headed 80%, 87% 1982, 82% average; ripe 7%, 21% 1982, 19% average;

harvested 1%, 5% 1982, 4% average. Soybeans poor to fair condition, but irrigated good; blooming 83%, 90% 1982, 86% average; setting pods 56%, 73% 1982, 63% average; turning yellow 5%, 5% 1982, 3% average; harvested none, same as 1982 and average. Corn fair; harvested 15%, 35% 1982, 20% average. Sorghum fair; harvested 20%, 13% 1982 and average. Pastures poor. Cattle not gaining.

CALIFORNIA: An upper level disturbance brought some precipitation to widely scattered locations over northern and central parts of the State. Amounts were light except over the extreme northern border and over the north coast mountains. Weekly mean temperatures were generally cooler by about 5° except over the central and south coasts where weekly means were 1 to 3° above seasonal normals.

Cotton progress good in San Joaquin Valley, 98% has set bolls, 100% last year and 98% average. Open bolls 5%, 10% last year, 15% average. Rice development satisfactory, 55% headed, 60% last year, and 73% average. Corn maturing well. Silage corn being harvested. Grain sorghum beginning to head out. Safflower being harvested. Dry beans maturing well. Some blackeyes being harvested. Cutting alfalfa for hay and silage. Apple varieties being harvested include red and golden delicious. Other varieties will be released this week. Rains of previous week caused splitting problems in dates which is resulting in considerable losses. Ground being prepared for the upcoming fig harvest. Rains and high humidity of previous weeks caused concern for many grape growers. Although fungicides were applied, there are reports of grapes showing signs of bunch rot, water berries and/or shattering especially in the southern part of the State where the rains were heaviest. Raisin grape harvest continues. Some Thompson seedless grapes being crushed. Harvest of wine grapes begun in light volume. Kiwis sizing well. Nectarine, freestone peach, plum harvests almost complete. Cling peach harvest winding down. Pear harvest finishing up in Lake and Mendocino Districts. Early varieties of pomegranates continue to be harvested. Prune harvest progressing well with variable size and quality. Valencia orange movement light to both domestic and export markets. Almond harvest continues, but delayed some by rain in previous weeks. Tarps being rolled out for pistachio harvest. Some walnut orchards showing extensive sunburn to exposed nuts. Growers treating for codling moth and blight. Snap bean harvest active. Broccoli, cauliflower harvest active central coast, planting continues Desert, San Joaquin Valley. Cantaloup harvest active Central San Joaquin Valley. Carrot harvest active Salinas, light Kern District. Celery harvest active Central Coast. Lettuce harvest Central Coast, planting Desert, San Joaquin Valley. Summer potato harvest active. Market tomato harvest active coastal areas and northern San Joaquin Valley. Processing tomato harvest delayed by rain, some losses due mold. Sweetpotato harvest started. Rains lowered fire danger north. Cattle coming off summer ranges in good condition, some treated for pink eye.

COLORADO: Warm and wet with little change in weather pattern. Widely scattered showers with brief heavy rains, especially over the mountains. Temperatures above normal.

Winter wheat in very good condition: 97% harvested, 94% last year, 98% average; 100% ripe, 100% last year, 100% average. Corn in good to very good condition: 94% silked, 93% last year,

95% average; 61% is dough, 52% last year, 59% average, 15% dented, 8% last year, 27% average. Sorghum in fair to very good condition: 84% headed, 66% last year, 82% average; 23% turning color, 8% last year, 6% average. Barley, oats, and spring wheat in good to very good condition. Barley 62% harvested, 66% last year, 69% average. Spring wheat 19% harvested, 32% last year, 44% average. Statewide, 6.0 days suitable for fieldwork. Topsoil and subsoil moisture short in some areas but mostly adequate. Range and pasture condition, poor in southeast, good to very good rest of State.

FLORIDA: Sunny skies, light winds continued under a weak high pressure system. Showers, thunderstorms remained scattered as moisture continued fairly low.

Soil moisture mostly adequate south, central, mostly short north, west. Harvest early corn nearing completion, good yields. Dry land soybeans, peanuts suffering from drought. Irrigated crops good condition. Cotton bolls opening in early fields. Sugarcane rapid growth. Hay making continues but at slower pace. Pasture conditions good to excellent central, south Peninsula, only poor to fair elsewhere. Cattle remain in generally good condition. Citrus groves in near excellent condition. Scattered rainfall generally maintained sufficient soil moisture. Trees still flushed with new growth and new crop fruit appears to be sizing well. Hot weather with afternoon thunderstorms continued in vegetable areas. Rainfall heaviest lower Peninsula. Land preparation, laying plastic continue to increase. Plantings underway cucumbers, squash. Seeding sweet corn continues, Everglades. Snap bean, cabbage planting expected shortly.

GEORGIA: Week unusually hot with temperatures averaging 7 to 9° above normal, Statewide. Rainfall averaged around 0.25 in. southeast and around 0.10 in. elsewhere. Temperatures 3 to 5° above normal over 27th and 28th; 1.00 to 1.50 in. rain in coastal areas, average of less than 0.10 in. elsewhere.

Soil moisture 72% very short, 26% short and 2% adequate. Average days suitable for fieldwork 5.8. Shortage of soil moisture and high temperatures continue to stress crops, livestock and poultry. Main activities harvesting corn, spraying for insect and disease control, caring for livestock and poultry. Corn condition 11% very poor, 29% poor, 41% fair, 17% good; 99% dent stage this year and last, 98% average; 91% mature, 96% last year and average; 41% harvested, 59% last year, 51% average. Cotton condition 10% very poor, 31% poor, 45% fair, 14% good; 19% bolls open this year and last, 29% average. Peanut condition 11% very poor, 41% poor, 38% fair, 7% good; 3% dug, 5% last year, 3% average; 1% threshed, 2% average; continued spraying for disease and insect control. Soybean condition 17% very poor, 41% poor, 33% fair, 8% good; 96% blooming, 98% last year, 97% average; 74% setting pods, 86% last year, 79% average; 5% dropping leaves, 4% last year, 6% average; continued seeding blooms and pods; spraying for insect and disease control. Tobacco 90% harvested, 98% last year, 94% average. Watermelons 98% harvested this year and last, 96% average. Apple condition 21% very poor, 30% poor, 40% fair, 9% good; 55% harvested, 64% last year, 57% average. Pecan condition 5% very poor, 14% poor, 64% fair, 16% good. Hay crops 14% very poor, 52% poor, 23% fair, 10% good. Haying continues active. Pastures 16% very poor, 55% poor, 22% fair, 6% good. Supplemental cattle feeding increases. Some reports of poultry losses due to extreme heat.

HAWAII: Island weather was mostly hot and humid. Stronger tradewinds provided cooler conditions later in the week. Rainfall was light to moderate and fell throughout the week.

Disease and insect infestations were kept under control with spray programs. Production of most crops will hold at the previous week's level. Head cabbage production will be lower than normal for the year due to the hot weather. Papaya production on a seasonal decline.

IDAHO: Farmers reported 3.9 days suitable for fieldwork. Winter wheat was 55% harvested versus 1982's 71% and the average of 70%. Spring wheat harvest was complete on 23% of the acreage compared to 46% last year and 50% average. Barley harvest was finished for 29% of the acreage versus 43% last year and 50% average. Vines were dying on 13% of the potato acreage versus 15% the year before. The dry pea harvest topped 70% complete trailing last year's 96%. Dry beans were swathed on over 5% of the acreage lagging behind the 23% level of a year ago.

ILLINOIS: Temperatures 7 to 11° above normal. Precipitation none to 5.40 in., widely scattered.

Soil moisture 98% short, 2% adequate. Days suitable fieldwork: 6.3. Corn dough 92%, 1982 94%, average 92%; dented 55%, 1982 68%, average 59%; mature 7%, 1982 13%, average 14%; condition 4% good, 49% fair, 42% poor, 5% failure. Soybeans 100% blooming, 1982 100%, average 100%; 97% setting pods, 1982 94%, average 95%; 10% turning yellow, 1982 14%, average 11%; condition 18% good, 53% fair, 29% poor. Alfalfa hay 3rd crop 62% cut, 1982 66%, average 59%; condition 3% good, 51% fair, 42% poor, 4% failure. Pasture condition 18% fair, 62% poor, 20% failure. Livestock condition fair.

INDIANA: Temperatures 6 to 10° above normal. Highs of 100° or more in extreme south. Temperatures 90° or above 1 day in northwest to 6 in southwest and south central. Growing degree days from 40 to over 50 above normal. Precipitation in excess 2.00 in. a few locations. Totals mostly under 1.00 in. other areas. In the north no rain.

Fieldwork averaged 6.5 days. Topsoil and subsoil moisture short. Corn condition mostly poor. Corn 90% in dough, 1982 98%, average 90%. Corn 30% in dent, 1982 60%, average 45%. Soybean condition mostly fair. Soybeans 100% in bloom, 1982 100%, average 100%. Soybeans 90% setting pods, 1982 95%, average 90%. Winter wheat land 20% plowed, 1982 25%, average 20%. Pasture condition poor.

IOWA: Very hot. Scattered thundershowers with a few locally heavy rainfalls, hail and damaging winds. Precipitation averaged near normal north and central but amounts were light over the southern, east central and west central districts. Temperatures ranged from 55° at Elkader on the 23rd to 107° at Leon on the 26th. August temperatures averaging 8° above normal. August precipitation to date, averages less than 40% of normal Statewide.

Days suitable 6.0. Corn in milk stage 96%; 88% last year, 96% normal; dough stage 78%, 61% last year, 81% normal; dent stage 40%, 25% last year, 41% normal. Soybeans with leaves turning 10%, 11% last year, 11% normal. Third crop alfalfa hay harvested 50%, 49% last year, 53% normal. Second crop clover hay harvested 92%, 89% last year, 92% normal. Topsoil moisture 83% short; 17% adequate. Subsoil moisture 76% short; 24% adequate.

KANSAS: Variable and spotty precipitation averaged 1.20 in. north central, 0.70 in. northeast,

0.20 in. to 0.40 in. elsewhere. Temperatures averaged 83° northwest, 85 to 87° elsewhere - 9 to 11° above normal. High temperatures over 100° occurred most of week.

Corn 75% dough, 75% last year, 85% average; 25% dent, 35% last year, 50% average; 5% mature, 15% last year, 25% average. Sorghum 75% headed, 60% last year, 85% average; 15% colored, 5% last year, 25% average; 1% mature, 1% last year and average. Soybeans 97% bloomed, 80% last year, 95% average; 70% podded, 60% last year, 80% average; 10% shedded leaves, 2% last year, 5% average. Rain provided some drought relief, hay have been too late for stressed crops. Crops generally fair to excellent west, poor to fair central, near failure to fair east. Alfalfa hay 3rd cutting 80% complete, 85% last year and average; 4th cutting 5% complete, 15% last year, 20% average. Pastures and range generally very poor to good, up to excellent northwest, down to extreme drought southwest, northeast and east central. Supplemental feeding necessary most areas, cattle moving off grass many areas. Soil moisture remains short Statewide. Days suitable for fieldwork: 6.5.

KENTUCKY: Temperatures extremely hot. Many locations 100° or higher. Temperatures averaged 8 to 10° above seasonable normals. Precipitation spotty. Week started off dry, but ended with scattered rains. Thunderstorms did provide rainfall for many sections.

All days suitable for fieldwork, but too hot to work. Soil moisture 85% critically short, 14% short and 1% adequate. Crops generally poor condition under drought stress. Burley cutting nearly 10% complete, year ago 31%, average 23%. Corn 82% dough or beyond, last year 100% and average 91%. Approximately 39% corn denting compared to 77% in 1982 and 61% average. No ears on some corn acres. Silage being cut and about 15% complete. Soybeans 44% setting pods, last year 77% and average 70%. Rain would still help soybeans. Pasture burned up. Farmers feeding hay and hauling water.

LOUISIANA: Rainfall ranged none to 0.50 in. Temperatures averaged 2 to 5° above normal. High 101°; low 70°.

Soil moisture short north, adequate south. Days suitable 5.9. Corn mature 94%, 95% 1982, 95% average. Corn harvested 41%, 68% 1982, 56% average; condition fair to good. Cotton setting bolls 97%, 99% 1982, 100% average. Open bolls 4%, 17% 1982, 23% average; condition poor to fair. Rice headed 87%, 93% 1982, 95% average. Rice ripe 59%, 67% 1982, 76% average; harvested 35%, 57% 1982, 66% average. Condition fair to good. Sorghum headed 98%, 99% 1982, turning color 83%, 94% 1982, 86% average. Ripe 51%, 83% 1982, 59% average; harvested 28%, 52% 1982, 33% average; condition fair to good. Soybeans blooming 91%, 98% 1982, 95% average. Setting pods 73%, 84% 1982 and average; turning color 4%, 7% 1982. Condition is fair. Sweetpotato harvest 22%, 24% 1982, 27% average. Condition good. Sugarcane planted 7%, 6% 1982, condition good. Vegetables rated fair. Pecans rated fair to good. Final cutting hay 25%, 19% 1982. Pastures and livestock rated fair to good.

MARYLAND AND DELAWARE: Temperatures remain above normal up to 7° above normal in northern Maryland. Rain fell August 23 and 28. Precipitation averaged 1.00 in. or less. Days suitable for fieldwork: 6.0. Topsoil moisture remains short.

Delaware: corn, silked 100%, 1982 100%, dough stage 60%, 1982 100%, dented 30%, last year 72%. Soybeans, 75% bloomed, 98% in 1982, setting pods 50%, 68% last year. Vegetables harvested: Lima

beans 50%, sweet corn 90%, last year 100%; watermelons 75%; cantaloupes 80%; tomatoes 50%, 1982 95%; cucumbers 80%, last year 95%. Peaches 75% harvested. Third cutting of alfalfa and all other hay 95% complete. Last year 100% and 80% 4th cutting of hay just starting. Corn in poor to fair condition. Soybeans mostly in fair condition. Topsoil moisture remains short.

Maryland: Corn, silked 95%, 1982 100%; dough stage 75%, 80% last year; dented 30%, 55% in 1982; mature 5%, 20% last year. Soybeans, 90% blooming same as last year, 70% podding 75% in 1982, 5% turning same as last year. Tobacco 70% blooming 45% topped, 25% harvested. Corn for silage 20% harvested, 10% last year. Fruit and vegetables harvested: Apples 5%, 15% in 1982, peaches 60%, sweet corn 85% same as last year, watermelons 60%, cantaloupes 80%, tomatoes 75%, 80% in 1982, cucumbers 85%, 90% last year, lima beans 95%. Third cutting of alfalfa 80% complete 85% completed in 1982. Third cutting of all other hay 60% complete same as last year. Fourth cutting of alfalfa 30% complete same as 1982. Fourth cutting of all other hay just starting. Corn in mostly poor condition. Soybeans declined to poor to fair. Tobacco in poor condition.

MICHIGAN: Hot temperatures prevailed again. Temperatures averaged 6° above normal. Precipitation was light except for the east and west portions of the central lower Peninsula. Near drought conditions are being reported across the southern sections of the lower Peninsula.

Statewide 6.0 days were suitable for fieldwork. Corn 75% in dough, 90% last year, 86% average. Corn 15% dented, 30% last year, 23% average. Oats 90% harvested, 90% last year, 91% average. Soybeans 100% blooming, 100% last year, 100% average. Soybeans 90% setting pods, 100% last year, 96% average. Dry beans 30% turning, 75% last year, 73% average. Second cut hay virtually finished, while third cut 20% complete, 20% last year, 18% average. Hot weather continues to stress vegetable crops. Harvesting of cucumbers, tomatoes, sweet corn and dry onions continued.

MINNESOTA: Temperatures averaged 7 to 10° above normal. High: 97°, low: 47°. Precipitation averaged 0.29 to 0.38 in. below normal for east and west central, near normal for central and southwest, 0.38 to 1.04 in. above normal for northwest through northeast, and 1.87 to 2.20 in. above normal for south central and southeast. Greatest weekly total: 6.34 in.

Row crops matured rapidly with above normal temperatures. Rain received by some areas which had been too dry, may help soybeans, but too late to do corn much good. Some areas still have missed rains. Flooded fields delaying wheat harvest in part of northwest. Small grain harvest virtually complete everywhere else. Fall tillage well underway. Days suitable for fieldwork: 5.4. Topsoil moisture: 25% very short, 28% short, 42% adequate, 5% surplus. Field corn in milk 98%, 1982 96%, normal 96%. Field corn in dough 80%, 1982 66%, normal 66%. Field corn denting: 30%, 1982 21%, normal 25%. Soybeans setting pods 98%, 1982 97%, normal 97%. Harvested: Spring wheat 94%, 1982 63%, normal 65%; oats 95%, 1982 90%, normal 83%; barley 98%, 1982 82%, normal 85%.

MISSISSIPPI: Temperatures 10 to 12° above normal in north, 100's common, 5 to 6° above normal in south. Rainfall spotty and infrequent in north but some locations in south had over 1.00 in. Greatest weekly total 1.84 in.

Soil moisture very short in northern half of State. Short to very short in southern half.

Fieldwork 6.2 days suitable, 5.8 last year, 5.4 average. Soybeans 89% blooming, 98% last year, 100% average; 48% podding, 83% last year, 81% average; crop in fair to poor condition. Cotton 10% open bolls, 36% last year, 33% average; crop in fair condition. Rice 92% headed, 94% last year, 90% average; 1% harvested, 5% last year, 6% average; fair condition. Sorghum 14% harvested, 5% last year, 12% average.

MISSOURI: Heat wave continued. Temperatures averaged 10° above normal. Precipitation was scattered with less than 0.50 in. received in general. The southeast averaged less than 0.10 in. Thunderstorms did bring temporary relief to affected areas.

Days suitable for fieldwork: 6.1. Corn 92% in dough stage, 85% last year and 80% normal. Corn 68% dented, 62% last year and 59% normal. Corn 21% mature, 17% last year and 21% normal. Grain sorghum 85% headed, 84% last year and 85% normal. Sorghum 14% mature, 27% last year and 20% normal. Soybeans 94% blooming, 87% last year and 87% normal. Soybeans 75% setting pods, 68% last year and 70% normal. Alfalfa hay, 3rd cutting, 65% harvested, 69% last year and 74% normal. Cotton 10% with open bolls, 24% last year and 20% normal. Cotton condition 20% fair and 80% poor. Corn condition 7% fair and 93% poor. Soybean condition 27% fair and 73% poor. Grain sorghum condition 1% good, 31% fair and 68% poor. Pastures rated 3% fair and 97% poor. Topsoil moisture supplies 1% adequate and 99% short.

MONTANA: Northeast and southeast temperatures for week averaged 5 to 8° above normal, central areas temperatures 2 or 3° above, west and southwest near normal. Showers almost daily in west and southwest with some 2.00 to 3.00 in. early in the week. Frequent showers elsewhere over the State, except in north.

Soil moisture short except western third of State. Crop progress percent this year, last year and average: Winter wheat harvested 90, 70, 80, ripe 10, 25, 20, turning 0, 5, 0; spring wheat harvested 75, 30, 35, ripe 20, 40, 35, turning 5, 30, 30; barley harvested 70, 40, 40, ripe 20, 40, 35, turning 10, 20, 25; oats harvested 75, 45, 45, ripe 15, 30, 30, turning 10, 25, 25. Sugarbeet, corn and dry bean condition good. Fieldwork: Days suitable 5.7. Second cutting alfalfa 70% complete, last year 55%, average 60%. Stock water and prospective feed supplies adequate.

NEBRASKA: Temperatures 6 to 11° above normal. Rainfall scattered and varied; amounts 0.05 to 2.00 in. or more.

Corn mostly good to fair. Dough 85%, 55% last year and 75% average. Dent 25%, 15%, 25%. Soybeans fair. Podding 100%, 80% and 96%. Turning color 3%, 1% and 7%. Heavy spraying in soybeans for control of woolly bean caterpillars and green colver worms in northeast. Sorghum fair. Headed 97%, 90% and 100%. Coloring 30%, 5% and 30%. Alfalfa third cutting 65%, 55% and 60%. Topsoil and subsoil moisture mostly short to adequate. Pasture and range feed mostly short to adequate. Days suitable for fieldwork 5.3.

NEVADA: Rainfall experienced during first part of week. Dry southwest winds tended to dry things out by end of period. Greatest rainfall over central and northern sections, no rain reported extreme southeast. Temperatures averaged between 1 and 6° below normal for this time of year. Extremes: 100 and 36°

Showers early in week slowed remaining harvest small grains and hay. Potato growth normal, higher yeild than last year expect-

ed main producing area. Potato digging expected full swing after labor day. Alfalfa seed harvest gaining momentum.

NEW ENGLAND: Temperatures normal at beginning of week, but warmed to above normal by the weekend. Precipitation ranged from 0.25 to 1.80 in. across New England with most rainfall coming late in the week.

Soil moisture supplies short to adequate and 6.0 days suitable for fieldwork. Second cutting of hay 80% complete and third cutting of hay 35% complete. Shade tobacco 95% harvested and broadleaf tobacco 80% harvested. Silage corn hay not mature before hardfrost. Cranberries starting to color. Maine potato crop fair to good condition.

NEW JERSEY: Temperatures averaged 3 to 5° above normal. Extremes 49° on the 24th and 97° on the 28th. Weekly rainfall averaged 0.93 in. north, 1.34 in. central and 0.87 in. south. The heaviest 24-hour total 3.41 in. on the 28th to 29th. Estimated soil moisture in percent of field capacity, averaged 62% north, 45% central and 27% south. Four inch soil temperatures averaged 77° north, 77° central and 78° south.

Fieldwork: 7.0 days suitable. Showers on the 28th and 29th beneficial to late crops. Fall vegetable planting about complete. Harvest of summer vegetables declining. Irish potato digging continues. Peach harvest active. Fall variety apples coloring. Cranberry prospects mixed due to adverse weather conditions. Many field corn and soybean fields in poor conditions due to recent dry weather. Hay making continues. Pastures should improve in areas of heavy showers.

NEW MEXICO: Average temperatures between 1 and 7° above normal. Minimum temperature 42°, western mountains. Maximum temperature 100°, southeastern Plains. Rainfall amounts less than 0.50 in. Few locations in mountains, southeast Plains received 1.00 to 2.00 in.

Cotton fair to good condition, still behind normal. Fields setting bolls 96%, 100% last year and average. Fields opening bolls 1%, 10% last year, 6% average. Alfalfa good to excellent. Third cutting winding down, fourth about 20% complete. Irrigate grain sorghum good to very good, over 90% headed. Dryland sorghum under heat stress, rated poor to fair. Corn good to excellent condition, 85% in dough. Mesilla Valley Chile harvest full swing. Pecans normal. Peanuts good, apples fair. Livestock rated good, stressed on eastside by dryness. Ranges poor to fair all areas except northwest quadrant.

NEW YORK: Warm temperatures, subnormal rainfall in nearly all areas. More rain needed.

Oats for grain 66% harvested, 73% 1982, 74% average. Second cutting alfalfa 91% done, 85% 1982, 83% average. Third cutting alfalfa 24% cut, 22% 1982, 23% average. Corn condition variable. Dry bean condition good. Apple crop condition mostly good. Early variety harvesting on schedule. Pears, grapes in good condition. Peach harvest in full swing. Onion harvest underway. Sweet corn harvest peaking, good quality. Lettuce winding down.

NORTH CAROLINA: Temperature 4 to 5° above normal. Precipitation variable, none at Wilmington up to 5.10 in. at Monroe.

Soil moisture: 46% very short, 44% short, 9% adequate, 1% surplus. Days suitable for fieldwork: 6.1. Condition: Tobacco 18% poor, 76% fair, 6% good. Corn: 65% poor, 28% fair, 7% good. Cotton: 30% poor, 61% fair, 9% good. Peanuts: 17% poor, 83% fair. Soybeans: 49% poor, 47% fair, 4% good. Sorghum: 51% poor, 44% fair, 5% good. Apples: 18% poor, 50% fair,

32% good. Sweetpotatoes: 28% poor, 65% fair, 7% good. Phenological stages: Cotton setting bolls: 89%, 1982 99%, average 99%, cotton opening bolls: 17%, 1982 28%, average 23%. Corn soft-dough: 95%, 1982 96%, average 97%. Corn dent 90%, 93% 1982, average 92%. Corn mature: 62%, 1982 71%, average 70%. Soybeans blooming: 84%, 1982 87%, average 87%. Setting pods: 46%, 1982 62%, average 63%. Harvests: Flue-tobacco: 57%, 86% 1982, average 75%. Corn for grain: 5%, 1982 7%, average 10%. Major farm activities: Flue-tobacco irrigation, harvest and marketing corn silage cutting, burley tobacco topping and spraying, spraying peanuts and soybeans, preparing machinery for harvest, corn grain harvest beginning, preparation for harvest, working set-aside and PIK acreage and vegetable harvest.

NORTH DAKOTA: Temperatures averaged 5 to 8° above normal. Extremes from 99° south central to 36° northeast. Scattered thunderstorms occurred across State. A few were severe. Rainfall very heavy in northeast and east central. Precipitation averages from 0.20 in. southeast to 1.80 in. east central. Precipitation for growing season from 0.30 in. below normal east central to over 4.00 in. below normal southeast.

Thunderstorms, high winds and hail in scattered areas caused some row crop damage and delayed completion of small grain harvesting. Rains received improved topsoil moisture but 74% of State still short. Small grain harvest still well ahead of normal pace. Average of 5.6 days suitable for fieldwork. The percent combined with last year and average: Hard red spring wheat 84, 56, 54; durum 69, 42, 39; barley 97, 82, 74; oats 92, 67, 67; flax 18, 15, 11. Row crops still mostly fair to good condition. Development mostly near or ahead of normal. Stages of development with progress this year, last year and average: Sunflower bracts yellow 19, 9, 12; corn denting or beyond 58, 29, 40; soybeans mature 4, 1, 1; dry edible beans swathed or combined 3, 19, 9.

OHIO: Temperatures averaged 6 to 10° above normal. Highs from mid 80's to low 90's, lows in the 60's. Weekend rains concentrated in south central. Totals averaged 0.25 to 0.50 in. isolated showers to 2.50 in.

Continued heat and dry stressing crops and pasture. Corn and soybeans range poor to good. Most rainfall amounts not significant to improve crop condition. Corn stalks brown, ears drooping. Soybean plants severely wilted and stressed in most areas. Corn, dough 90%, 99% 1982, 85% average; dented 35%, 65% 1982, 40% average. Soybeans blooming 100%, 100% 1982, 100% average; setting pods 95%, 99% 1982, 95% average; pods set 35%, 75% 1982, 65% average. Alfalfa thid cutting 65%, 70% 1982, 85% average. Tobacco topped 55%, 60% 1982, 70% average. Days favorable: 6.5. Pasture condition poor to fair. Soil moisture 97% short, 3% adequate.

OKLAHOMA: Weekly average temperatures ranged from 4° above normal southwest and south central to 9° above normal Panhandle. Precipitation was none to sparse with very widely scattered local showers. Precipitation ranged from zero west central, central, east central, southwest, and south central to 0.21 in. north central.

Scattered showers alleviated stress problems in north, but dry conditions continued over most of State. Rain needed before wheat seeding can occur. Soybean blooms dropping off and pods dropping off due to hot, dry weather. Cotton bolls cracking open prematurely. Pasture forage deteriorating and winter

feeding shortages may result for many ranchers if rain isn't received soon. Livestock still in good to fair condition. Sorghum headed: 90%, 80% 1982, 90% average. Cotton setting bolls: 90%, 70% 1982, 90% average. Cotton open bolls: 0%, 0% 1982, 2% average.

OREGON: Thundershower activity occurred almost daily over much of east and south; rainfall received ranged between 0.50 and 1.00 in. west was dry. Temperatures were 5° below normal in the southeastern portion and near normal elsewhere.

Winter wheat 92% harvested, 96% last year; 94% average. Harvesting of spring grains continues. Soil moisture supply generally adequate. Seedbed preparations for fall seeding continues. Red clover harvest a few weeks away. Mint harvest continuing in full swing. Bartlett pear harvest underway in upper Hood River Valley; size good, quality excellent. Peach harvest continuing in Willamette Valley. Blackberry harvest still underway. Cranberry growers in Coos County completing fungicide spraying for lophodermium twig blight. Potato harvest for fresh pack continuing in the Hermiston-Boardman area. Processing potatoes moving directly from the field to the plant. Norgold digging has just started in the Klamath Basin. Sweet corn harvest being harvested. Snap bean harvest nearly complete. Broccoli harvest winding down. Hermiston watermelon harvest in full swing. Ranges in good to excellent condition. Willamette Valley pastures in fair to good condition. Livestock remain in good condition throughout the State.

PENNSYLVANIA: Warm and humid week with the usual scattered thundershowers. Rainfall ranged from none to 1.50 in. Heaviest amounts fell in the lower Susquehanna and Laurel Mountains. Temperature extremes 99 and 46°.

Days suitable: 6.0. Moisture mostly short. Activities: plowing; baling straw; seeding alfalfa; making hay; and harvesting oats, tobacco, corn silage, potatoes, snap beans, cabbage, tomatoes, sweet corn, cantaloupes, apples and peaches, and grapes. Oat harvest virtually complete, same as last year. Tobacco 17% harvest, last year 23%. Potatoes 33% harvested, last year 30% harvested. Corn 58% in dough or past and 17% dented; last year 74% in dough and 20% dented; average 73% in dough and 21% dented. Corn silage 6% harvested, last year less than 5%. Fall plowing 23% complete; last year 27% complete; average 28%. Harvest of second crop alfalfa virtually complete, last year 92% harvested. Third crop alfalfa 59% harvested, last year 47%. Second cutting clo-time 81% harvested, last year 76% harvested. Quality of hay made mostly good. Feed from pastures mostly below average.

PUERTO RICO: Island average rainfall 2.46 in. or 0.75 in. above normal. Highest weekly total 8.50 in. Highest 24-hour total 6.38 in. Temperature averaged about 83 to 81° on coasts and 79 to 74° Interior Divisions. Mean station temperature ranged from 83.6 to 68.3°. Extremes 95 and 59°.

SOUTH CAROLINA: Precipitation scattered, locally heavy midweek. Temperatures normal to above normal.

Soil moisture short to very short, 5.7 days for fieldwork. Corn harvest for grain 20%, 37% last year and average, some cut for silage; condition poor to fair. Cotton 100% setting bolls, 100% last year and average; 46% open bolls, 37% last year, 33% average; condition poor. Soybeans 87% blooming, 94%

last year, 92% average; 52% setting pods, 73% last year, 69% average; condition poor to fair. Tobacco 76% harvested, 96% last year, 91% average. Peaches 97% harvested, 100% last year and average. Apples 13% harvested, 43% last year, 29% average; condition poor to fair. Grapes 26% harvested, 64% last year, 58% average; condition fair. Pastures and hay poor condition.

SOUTH DAKOTA: Average temperatures 5 to 12° above normal. Extremes: 102° and 44°. Thunderstorms scattered across the State. Rainfall amounts generally less than 0.50 in.

Grasshoppers and woolly bear caterpillars causing damage throughout State. Increased aerial spraying for caterpillars in major soybean producing areas. Row crops mostly fair to good condition, but in need of rain. Crops in central regions under stress. Main activities were fall plowing, haying, and field preparation for winter grain seeding. Days suitable for fieldwork: 6.0. Spring wheat harvested 100%, 1982 100%, average 96%. Sorghum headed 81%, 1982 91%, average 89%. Sorghum coloring 34%, 1982 13%, average 31%. Corn dough 69%, 1982 59%, average 73%. Corn dented 29%, 1982 13%, average 33%.

TENNESSEE: Temperatures above normal over most of the State with 104° the highest reported and 63° the lowest. Little or no precipitation occurred in the west and middle with 0.50 in. average in the east.

Corn dented 70%, 1982 92%, average 76%; mature 17%, 1982 26%, average 22%; harvested 2%, 1982 2%, average 2%. Cotton setting bolls 99%, 1982 100%, average 96%; open bolls 19%, 1982 13%, average 8%. Soybeans blooming 94%, 1982 100%, average 96%; setting pods 70%, 1982 83%, average 72%. Tobacco harvested: buredly 21%, 1982 45%, average 39%; dark-fired 20%, 1982 42%, average 38%; dark air-cured 12%, 1982 39%, average 38%. Days suitable for fieldwork: 5.9. Livestock being fed due to poor condition of pastures.

TEXAS: Weather early week fair, temperatures warm. Midweek front supported late afternoon thunderstorms along Coastal Plains. By end of week, upper level high brought fair and very warm weather. Temperatures were 2 to 4° above normal most of Texas, near normal over Edwards Plateau, Hill Country, Rio Grande Valley. Precipitation less than normal most areas.

Crops: Conditions remained hot, dry. Only portions of coast, east, northeast Texas reporting adequate soil moisture. Dryland field-crops continue to be stressed. Upper Coast, producers still assessing damage caused by Hurricane Alicia. Cotton development continued at rapid pace, although hot, dry weather continues to take toll on dryland fields. Plains, fields under severe moisture stress, some squares dropping due to heat, dryness. Blacklands, Cross Timbers, dryness also stressing dryland fields. Irrigated fields continue to progress well. Harvest activity moved steadily South Texas, Coast. Currently condition is 64% of normal compared with 62% a year ago. About 2% rated excellent, 25% good, 62% fair, 11% poor. Sorghum continues to develop rapidly. Heat, moisture shortages continue to stress dryland fields, expected to affect yields. Many late planted fields Plains, West Texas so severely stressed that little production expected. Upper Coastal area, damage from Alicia heavy in isolated locations. By week's end, overall condition was 65% compared with 80% a year ago. Reported condition showed 8%

excellent, 30% good, 51% fair, 11% poor. Corn harvest active under generally open conditions. Yields good. Irrigation increased Plains, outlook remains good. Blacklands, Cross Timbers, corn maturing. Peanut growth continues at steady pace, dry conditions stressing dryland fields. Outlook good in Central Texas, fields developing well. Rice harvest active, some problems in fields hit by Alicia. Heavy winds left heavy lodging, harvest difficult. Soybeans Plains, northeast Texas continue to make good progress. Irrigation stepped up due to extreme dryness. Coast damage severe along Alicia's path, yields reduced by heavy lodging.

Cotton squaring 100%, 100% 1982, 100% average; setting bolls 97%, 92% 1982, 97% average; open bolls 8%, 16% 1982, 20% average; harvested 6%, 12% 1982, 11% average. Rice turning color 100%, 100% 1982, 100% average; harvested 67%, 86% 1982, 95% average. Sorghum headed 91%, 95% 1982, 96% average; turning 71%, 71% 1982, 74% average; mature 63%, 67% 1982, 68% average; harvested for grain 60%, 61% 1982, 64% average. Wheat planted all purposes 0%, 0% 1982, 1% average. Corn harvested for grain 41%, 40% 1982, 36% average. Peanuts harvested 0%, 6% 1982, 9% average. Sunflowers harvested 0%, 4% 1982, 1% average. Oats planted for all purposes 0%, 1% 1982, 1% average.

Commercial vegetables: Rio Grande Valley, land preparation, pre-plant watering active. Some early plantings making good progress. Citrus groves in excellent condition, fruit size, quality expected to be good. East Texas, watermelons, cantaloups, tomatoes continue to be shipped. Sweetpotato harvest getting underway Trans-Pecos region, land preparation for fall planting getting underway. Harvest of cantaloups continued, harvest of chilles getting started. Plains, onion, potato harvest slowing down. Carrots developing well. Pecans developing well. Dry conditions increasing droppage. Trees in path of Alicia lost virtually all production.

Range and livestock: Grazing on ranges, pastures remained short. Growth of grasses halted by drought-like weather. Only portions of East Texas, Coast have had adequate moisture. Plains, West Texas, hit hardest by drought, virtually no grazing exists. Supplemental feeding picking up Statewide.

UTAH: Intense thunderstorms first part week, particularly northern parts. Variable accumulations to 2.6 in. Hail 1.5 in. vicinity Salt Lake Valley. Temperatures generally near normal.

Rain continued to delay grain harvest and damaged hay crop. Winter wheat 83% cut, yields average or above. Barley 57% harvested with average yields. Spring wheat 34% combined. Field corn running late. Some may not mature before frost. Peach picking active 39% complete by week's end. About half of snap beans and 2/3 sweet corn harvested. Tomato picking on the increase.

VIRGINIA: Continuation of dry, hot, humid weather with some spotty relief from the drought. Western rainfall totals of 1.00 to 3.00 in. Temperatures on 22nd were mostly in the 100's, setting many new records. A cold front on 25th cooled temperatures somewhat with morning lows in the 50's Statewide on 26th. Hot and humid conditions returned for the weekend with some rains on 28th but still no widespread relief from the dry conditions.

The high temperatures offset showers to increase stress on crops. Topsoil moisture rated 92% short, 8% adequate. Days suitable for

fieldwork: 5.8. Corn condition holding at very poor. Percent in or beyond dough: 88%, same as last year, 89% average; dent: 66%, same as last year, 70% average; mature: 33% and 36% in 1982. Harvest for silage active, 40%, 42% in 1982, 30% average. Harvest for grain slow, 4%, 3% last year, 6% average. Chopping and feeding still prevalent and testing for nitrates recommended. Soybean condition continued to decline but still in the poor category. Bloom loss still a problem. Some being cut for hay. Spraying for corn earworm and spider mites active in east and southeast. Percent in or beyond bloom 88, 90% last year; setting pods; 61%, 73% last year. Tobacco condition holding steady at fair. Yields and quality down especially in non-irrigated areas. Harvest active but behind. Flue-cured 38% cut, 62% in 1982, 47% average; fire-cured 51% cut, 69% last year, 42% average; burley 7% cut, 28% last year, 20% average; sun-cured 32% harvested, 52% 1982, 31% average. Peanut condition holding at fair. Hot soil preventing pegging, irrigation helping some. Spraying active for spider mites and corn earworm.

WASHINGTON: Week began with hot dry weather pattern over Pacific Northwest. By midweek pattern began to change. Weak but cool marine air moved into west. As result, average temperatures only 1° above normal for week, exception was Seattle, where weekly average 1° below normal. Average temperatures in east ranged from 2° below normal at Ephrata to 6° above normal at Pomeroy. Upper level moisture swept into extreme eastern portion of State causing evening thundershowers and above normal rainfall. Colville had 0.91 in. rain dumped in less than one hour.

Wheat and barley harvesting virtually complete most areas. Harvest of seed crops in full swing. Field corn progressing well with good development. Norgold potato digging continues. Dry bean harvest underway. Second cutting alfalfa hay finished with good quality. Christmas tree shearing almost finished. Blueberry harvest winding down. New strawberry plantings making good growth. Eastside, apples sizing well and overall crop looks good, some orchards Chelan County facing sunburn problems. Harvest of peaches, plums, pears continues. Harvest of cauliflower, carrots, broccoli, green beans, sweet corn in full swing. Cucumber harvest winding down, pea harvest finished. Corn earworm problems in sweet corn fields Spokane County. Ranges and pastures in good condition although some areas eastside reported slight drying. Livestock in good shape. Winter wheat harvested 90% 1982, 95% 1983, 88% average.

WEST VIRGINIA: Temperatures averaged well above normal across the State. Range 51 to 106°. Rainfall above normal except in the northwest. Range trace to 2.47 in.

Soil moisture very short to short. Days suitable for fieldwork averaged 5.5. Main activities: Hay harvesting, maintenance, pasture clipping. Oats in fair to good condition: 91% harvested, 83% of normal; 99% and 94% in 1982. Corn in fair to poor condition: 10% pre-silked, 55% silked and 35% dough stage; 9%, 49% and 42% in 1982. Tobacco in fair condition: 49% topped, 5% harvested, 78% of normal; 80% topped and 23% harvested in 1982. Pasture in poor to fair condition. Hay in fair to poor condition: 2nd cutting 83% complete, 70% of normal; 73% and 79% in 1982. Fruit in fair to poor condition. Peaches: 65% harvested at 75% of normal; 75% and 73% in 1982. Gardens in fair to poor condition. Above average rainfall gave limited short term relief to extreme dry conditions across the State.

WISCONSIN: Scattered showers and thunderstorms began on 24th and continued through 28th showers occurred again in Vernon and Crawford Counties early 25th with 4.50 in. in 7 hours. On morning of 27th showers returned and caused some urban flooding in Genoa City. Highest temperatures at 94° in Iola on 25th and 28th. Coolest was 41° at Lake Thompson on 23rd.

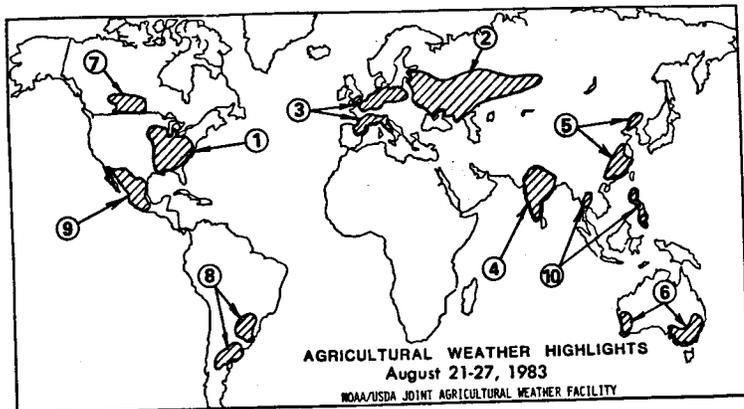
Corn variable: 69% dough stage, 59% last year and average. Acreage denting 34%, 17% last year, average 29%. Hay cutting slow, 85% of second crop, 17% third crop. Oats 93% harvested, compared to 83% last year and 85% average. Pasture condition, 74% of a normal crop.

WYOMING: Temperatures above seasonal. Highs, 80's and 90's; lows, 40's and 50's. Most stations received rain, dry conditions prevailed in the upper Platte and Wind River Drainages.

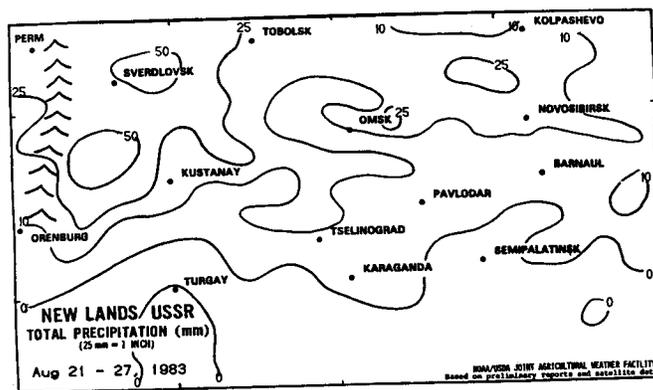
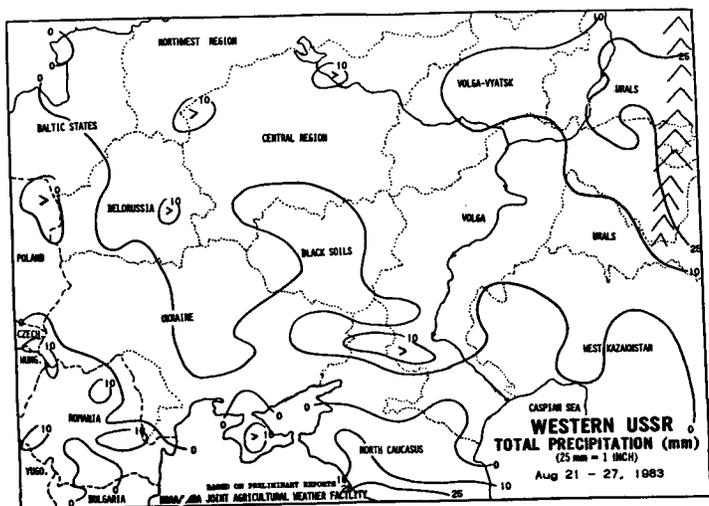
Topsoil moisture adequate 65% State. Days suitable for fieldwork: 6.0. Winter wheat crop seeding underway: 5% planted. 1983 Winter wheat harvest mostly complete. Barley: 30% mature; 65% harvested, normally 70% harvested. Spring wheat: 50% mature; 45% harvested, normally 65% harvested. Oats: 40% mature; 35% harvested, normally 55% harvested. Corn: 40% silked; 55% dough; 5% dented. Dry beans: 25% leaves turning color. Alfalfa second cutting 55% complete. Other hay harvest 80% complete. Calf and lamb weights about the same or heavier than last year. Stock water supplies adequate 85% State.

International Weather and Crop Summary

August 21 to 27

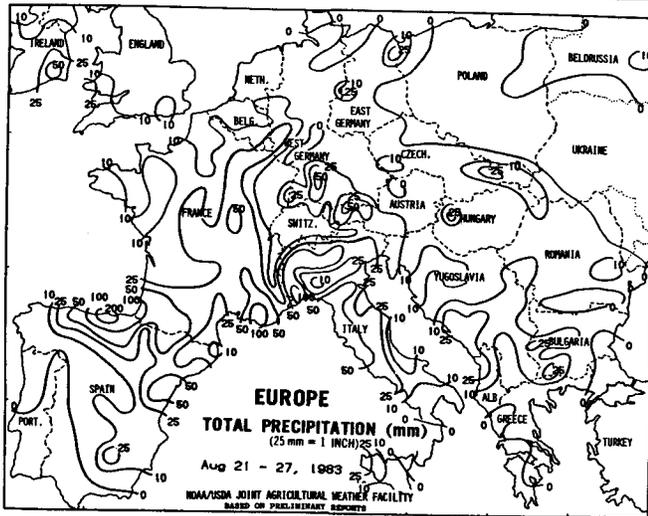


1. UNITED STATES ... Hot, dry weather over most of the Corn Belt, Southeast, and Delta States stresses immature crops and livestock. However, rains primarily benefiting soybeans fall in the northwestern Corn Belt and pockets of the Southeast.
2. USSR ... Dry, cool autumn-like weather aids harvest activity in most crop areas, except those surrounding the Urals, which are experiencing persistent rainy conditions.
3. EUROPE ... Heavy downpours likely produce localized flooding in crop areas of southern France, northern Spain, and Italy. Additional showers would benefit summer crops across the north.
4. SOUTH ASIA ... Decreased monsoon rain in central India is unfavorable for cotton and groundnuts. Most rice areas receive beneficial rain, with the heaviest amounts falling in the north.
5. EASTERN ASIA ... Scattered precipitation favors portions of the late rice crop. Dry weather benefits maturing crops in northern China.
6. AUSTRALIA ... Widespread showers cover the wheat belt as spring temperatures promote vegetative growth of wheat.
7. CANADA ... Warm, dry weather aids wheat harvesting in the Prairies, while some beneficial showers help late maturing crops in the southeast grain belt.
8. SOUTH AMERICA ... Beneficial showers over Argentina's wheat areas are easing the prolonged dryness since planting, but more rain is needed for wheat growth. Favorably dry weather in southern Brazil relieves excessive wetness, improving conditions for wheat growth.
9. MEXICO ... Beneficial rains, even though lighter than usual, fall over the southern Plateau corn belt and northwestern mountain watersheds. Persistent dryness stresses crops and livestock in most of the northeastern and north-central regions.
10. SOUTHEAST ASIA ... Moderate to heavy rain benefits rice areas of Thailand, but is unfavorable for maturing corn. The Philippines remain mostly dry in southern crop areas.

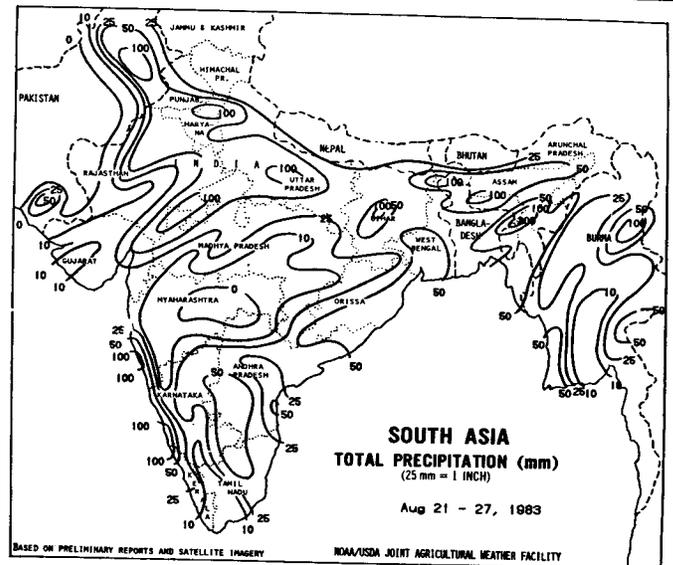


USSR...Generally dry weather covered most crop areas in Western USSR, except those in the extreme northeast which received widespread showers. The dry weather favored grain maturation and aided harvest activity. Most grain crops over the region are maturing, but root crops are still filling in some areas. In addition, both harvest activity and fieldwork, in preparation for winter grain planting, are progressing rapidly over the entire area. Temperatures during the week were typical of autumn, a sign that this year's growing season is ending.

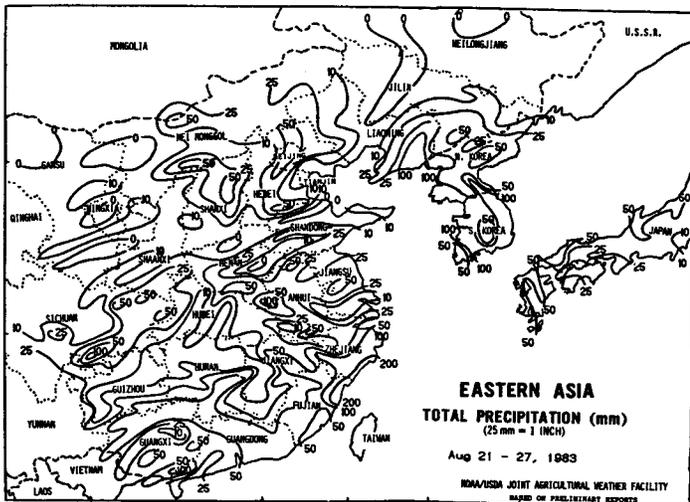
In the New Lands, daily showers produced significant amounts of rain (25 to 50mm) over western crop areas. Fieldwork delays in the spring grain harvest are likely. Elsewhere, generally dry weather over central and eastern spring grain areas allowed the harvest to progress with few delays. Weekly temperatures were below normal in the west and slightly above normal in the east.



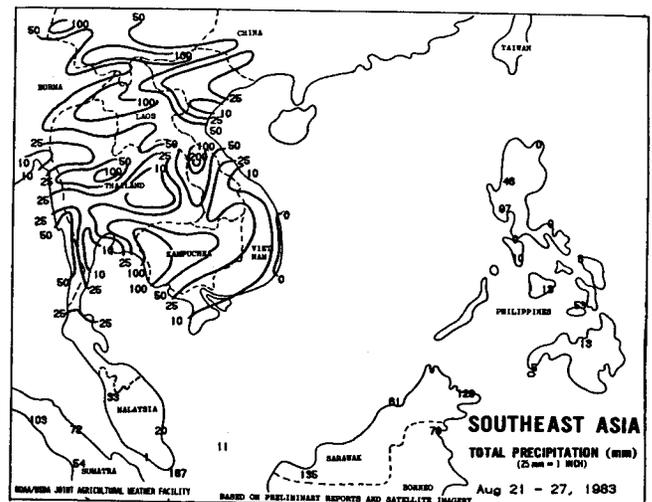
EUROPE...Wet weather covered crop areas in central and southern France, northern Spain, and much of Italy. Most of the precipitation fell in the form of heavy downpours which likely produced localized flooding. The wet weather in these areas interrupted the small grains harvest, but should have benefited that portion of the corn crop which is still in the filling stage. Mostly dry weather covered England, northern France, West Germany, East Germany, and Poland. Although the dry weather benefited maturing crops and aided small grain harvest activity, corn and sugar beets could still benefit from additional showers. Elsewhere, mostly warm, dry weather covered southeastern Europe, benefiting grain maturation and aiding harvest activity.



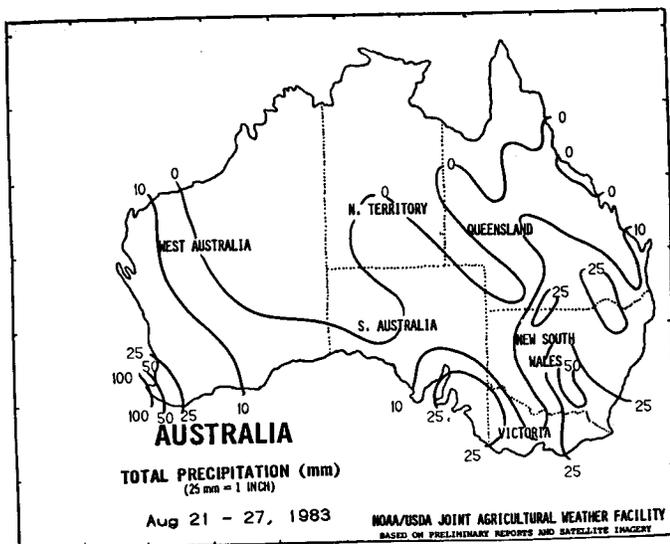
SOUTH ASIA...Monsoon activity decreased substantially this week in central India. Very little rain fell in Madhya Pradesh and Myaharashtra, where precipitation had been slightly below normal but accumulating at a consistent rate. Cotton and groundnuts in the area are entering the reproductive stage and much more moisture is needed. Moderate to heavy rain, heaviest in the north, covered most rice areas in India, excluding eastern Madhya Pradesh and southern Tamil Nadu. Autumn rice is entering the moisture-sensitive heading stage and winter rice is in the vegetative stage. Rainfall diminished considerably this week along the western coast, relieving some previously flooded areas. Moisture conditions are adequate for rice in the area. Temperatures remained seasonable in most crop areas this week.



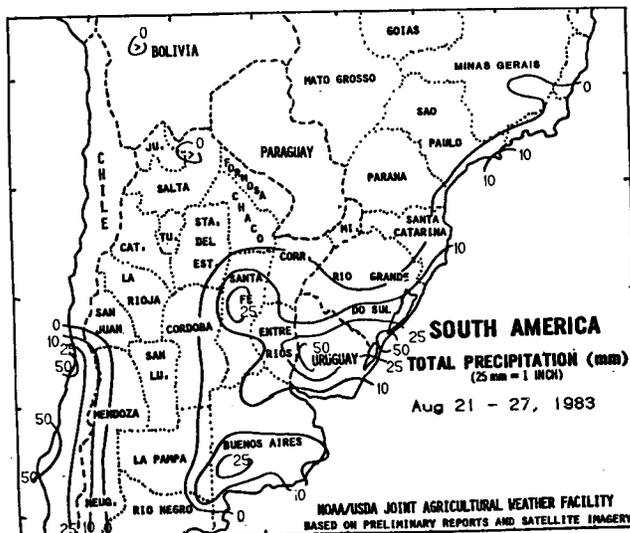
EASTERN ASIA...Precipitation varied from light to heavy in southern China's rice region this week. The dry weather in some areas favored the intermediate rice crop which is maturing. However, more rain is needed for the late rice crop which is entering the heading stage later than normal because of planting delays. Relatively dry weather and slightly below-normal temperatures favored maturing cotton, corn, and soybeans in Shaanxi, Shanxi, and Shandong. Late soybeans are in the pod-filling stage in the North China Plain and would benefit from more precipitation. Corn and soybeans in Manchuria were aided by near-normal rainfall earlier in the year, and also by recent dry weather as the crops are now maturing. Moderate to heavy rain benefited South Korean rice in the grain-filling stage.



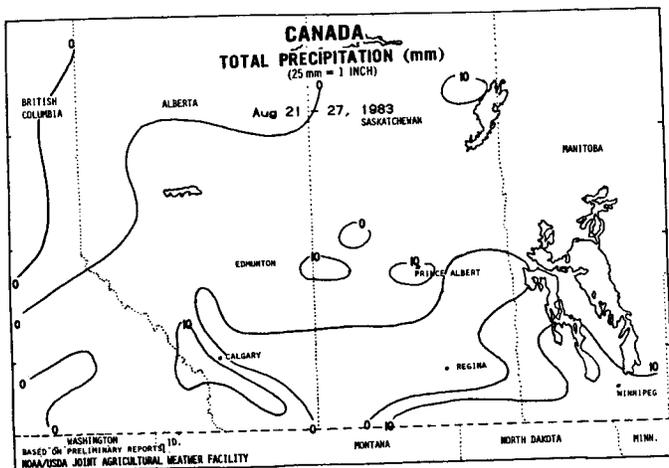
SOUTHEAST ASIA...Moderate to heavy precipitation covered northern and central Thailand this week. The moisture benefited rice in the grain-filling stage. Eastern rice areas were favorably dry this week following heavy rain last week. Temperatures were near normal in most of Thailand this week. Heavy rain in the central corn area was unfavorable for the maturing crop. Moderate rain in the Northern Philippines kept soils moist in central Luzon. Rice is in the vegetative stage and continued rain is needed. Temperatures in the Philippines were above normal, increasing the moisture demand of crops. The southern Philippines remained mostly dry, with only a few widely scattered showers.



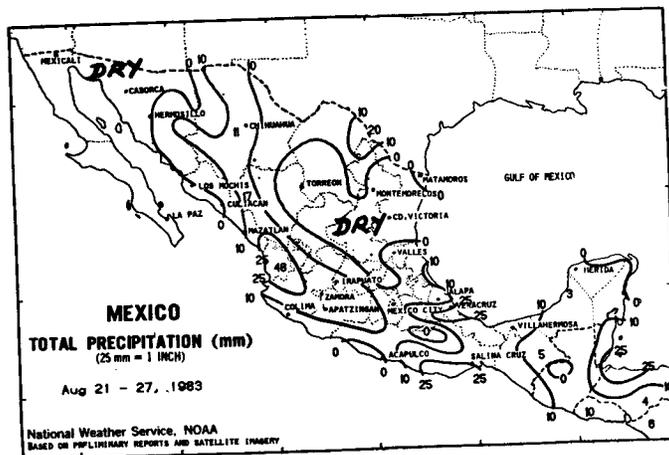
AUSTRALIA... Storms continued to brush the southern coast of Australia, bringing beneficial moisture to wheat areas of Western Australia, South Australia, and Victoria. A recent storm intensified over eastern Australia with the influx of tropical air, and produced substantial rains over New South Wales and southeastern Queensland. The showers moistened topsoils sufficiently for wheat growth and for vegetative growth of grazing lands. Temperatures averaged above normal for the week, promoting more vigorous spring growth. At present, crop conditions are generally rated good. The weather during the next two months will be a major factor in determining the final yield.



SOUTH AMERICA... In Argentina, timely rains fell over the wheat areas of southern Buenos Aires and extreme southeastern La Pampa. The moisture eased dryness which has persisted since early June. Showers also benefited wheat growth in central Santa Fe and Entre Rios. Wheat is in vegetative growth with slightly above-average temperatures promoting more rapid crop development. Frequent rain is needed during the next two months in Argentina's wheat areas to maintain adequate soil moisture for heading and grain-filling stages. In contrast to Argentina, dry weather over much of Brazil aided wheat development, which is normally more advanced than Argentina's wheat. Dry, mild weather in southern wheat areas of Rio Grande do Sul and Santa Catarina improved growth conditions following prolonged wetness. The dry weather in Parana has likely advanced early wheat into heading and grain-filling, while Sao Paulo's coffee harvest moves into late stages.



CANADA... Temperatures averaged somewhat above normal and rainfall averaged mostly below normal throughout the Canadian Prairies. Daytime temperatures gradually increased as the week progressed, but the grain belt generally escaped excessive heat (temperatures above 32°C). Rainfall was mostly light, except for widely scattered showers which produced over 10mm, in Alberta and most of Saskatchewan, and a narrow band of more widespread showers over extreme southeastern Saskatchewan and southern Manitoba. These showers benefited late maturing crops which are still in the milk stage of grain development. In general, however, the warm, dry weather continued to accelerate crop development and maturity. Harvesting of spring wheat and other crops progressed rapidly, aided by the mostly dry weather throughout the grain belt.



MEXICO... Rains were only light to moderate over the southern Plateau corn belt during the last two weeks. Fortunately, the largest amounts fell in the west, the major corn producing district. Rains were also unseasonably light over the northwestern mountain watersheds. Hot, dry weather persisted over most of the north-central and northeastern regions, continuing to stress orchards, immature crops, and livestock. However, showers associated with the approaching Hurricane Barry began falling along the extreme northeastern coast late on August 27.

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**WEEKLY NEWS BULLETIN
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The Weekly Weather and Crop Bulletin (ISSN 0043-1974) is published weekly and jointly prepared by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) and the U.S. Department of Agriculture (USDA). Publication began in 1872 as the Weekly Weather Chronicle. It is issued under general authority of the Act of January 12, 1895 (44-USC 213), 53d Congress, 3d Session. NOAA is responsible for managing, printing, and distributing the Bulletin. The contents may be reprinted freely, with proper credit.

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